

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006623.D
 Acq On : 28 Jun 2019 21:01
 Operator : HP/JU
 Sample : K3446-10MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 29 01:12:31 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	3824	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16244	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	10357	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	25040	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	25526	0.40	ng	-0.01
34) Perylene-d12	23.49	264	25417	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	2870	0.31	ng	0.00
5) Phenol-d6	6.81	99	4471	0.36	ng	-0.02
8) Nitrobenzene-d5	8.79	82	3344	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	9593	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	1396	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	12038	0.31	ng	-0.01
25) Fluoranthene-d10	19.07	212	26817	0.36	ng	-0.01
29) Terphenyl-d14	19.68	244	16604	0.31	ng	0.00

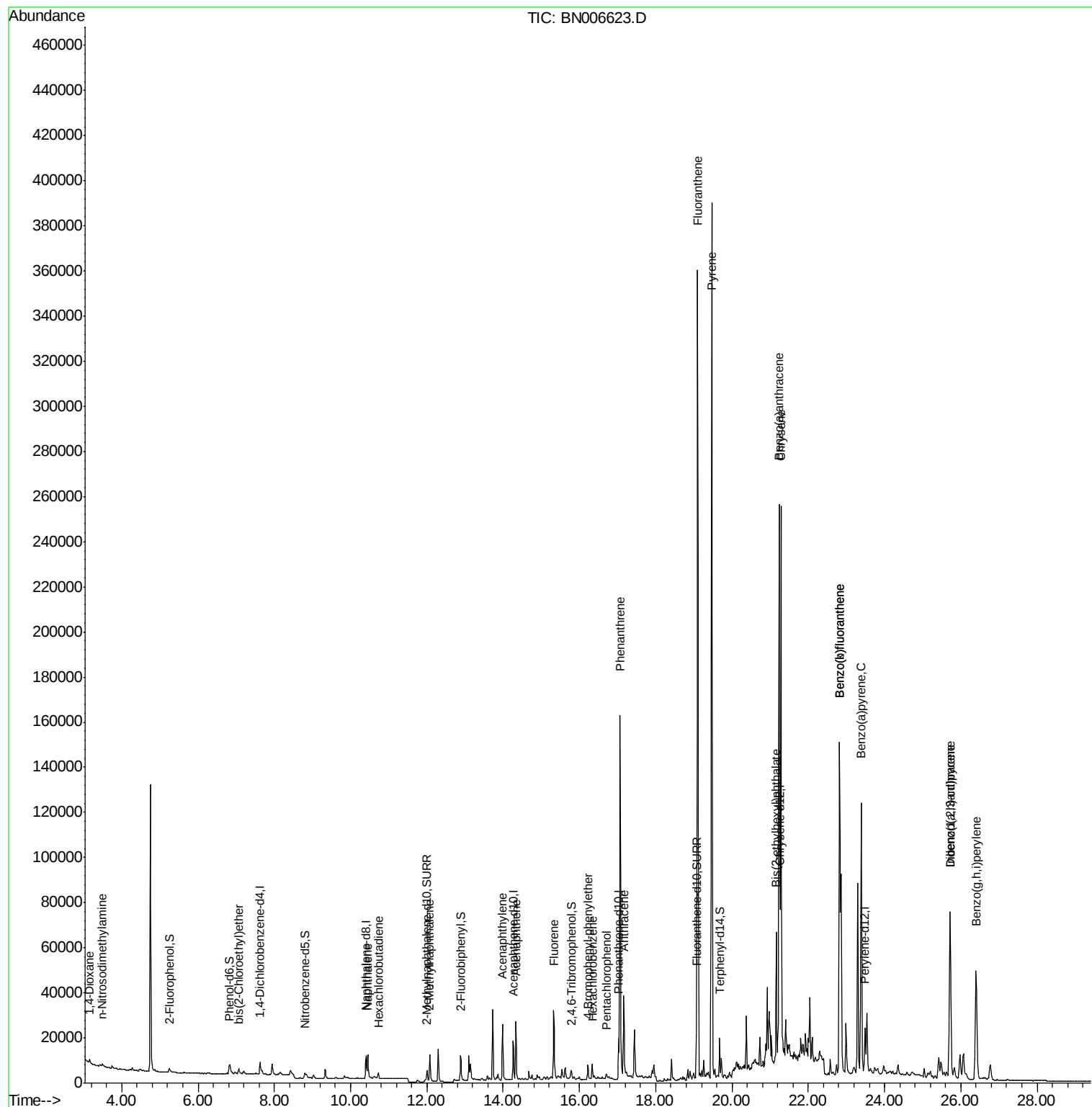
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	1137	0.215	ng	# 54
3) n-Nitrosodimethylamine	3.49	42	1075	0.258	ng	# 92
6) bis(2-Chloroethyl)ether	7.06	93	2653	0.240	ng	# 87
9) Naphthalene	10.45	128	16334	0.383	ng	100
10) Hexachlorobutadiene	10.73	225	2247	0.256	ng	# 98
12) 2-Methylnaphthalene	12.08	142	10936	0.371	ng	99
16) Acenaphthylene	13.99	152	29885	0.605	ng	100
17) Acenaphthene	14.33	154	13221	0.406	ng	99
18) Fluorene	15.32	166	16141	0.393	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	3678	0.265	ng	# 84
21) Hexachlorobenzene	16.34	284	4363	0.249	ng	99
22) Pentachlorophenol	16.71	266	1836	0.651	ng	89
23) Phenanthrene	17.07	178	164689	2.313	ng	100
24) Anthracene	17.16	178	42766	0.692	ng	98
26) Fluoranthene	19.10	202	322730	3.730	ng	99
28) Pyrene	19.47	202	337034	3.773	ng	97
30) Benzo(a)anthracene	21.24	228	208529	2.499	ng	98
31) Chrysene	21.29	228	216617	2.408	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	44440	1.058	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	103356	1.135	ng	97
35) Benzo(b)fluoranthene	22.82	252	233682	2.703	ng	100
36) Benzo(k)fluoranthene	22.82	252	233682	2.536	ng	100
37) Benzo(a)pyrene	23.39	252	165978	2.054	ng	99
38) Dibenzo(a,h)anthracene	25.72	278	38830	0.550	ng	96
39) Benzo(g,h,i)perylene	26.40	276	97748	1.387	ng	100

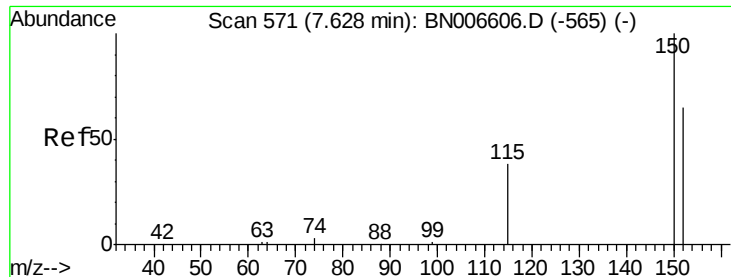
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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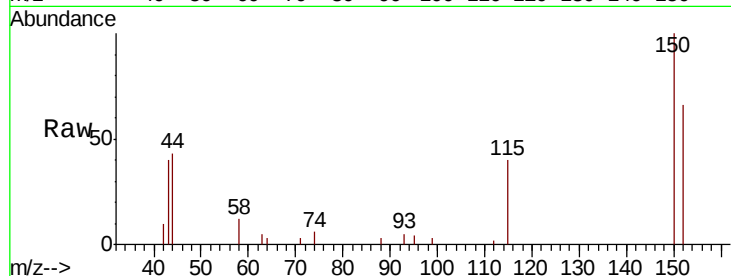


#1

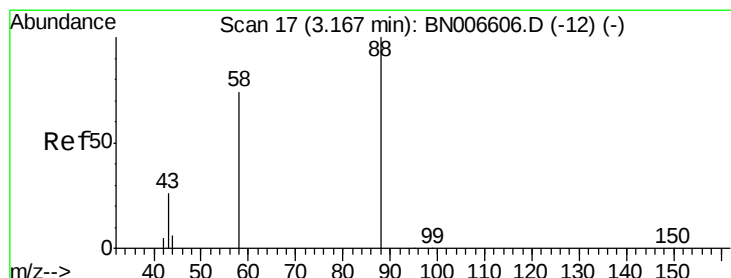
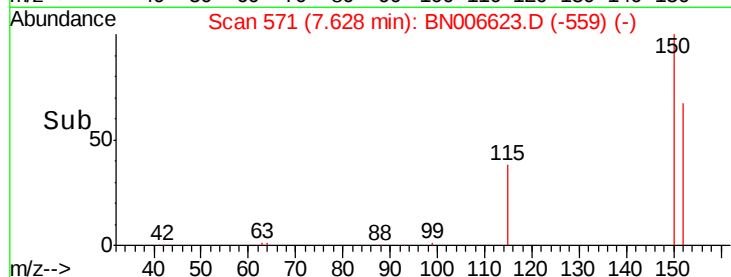
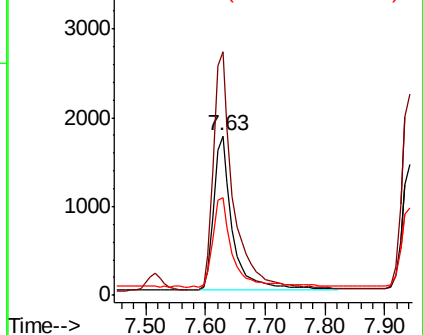
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006623.D
Acq: 28 Jun 2019 21:01

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

Tgt Ion:152 Resp: 3824
Ion Ratio Lower Upper
152 100
150 152.4 122.2 183.2
115 61.4 50.0 75.0



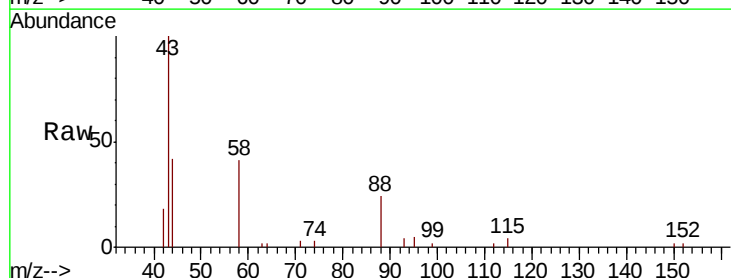
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



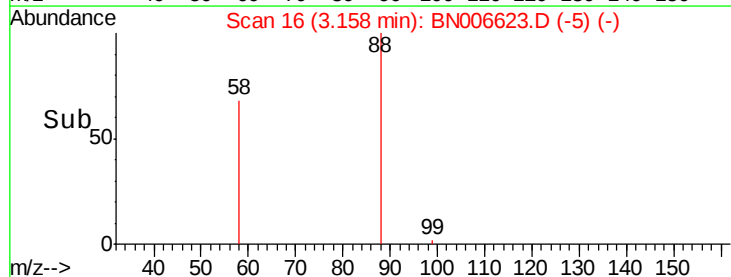
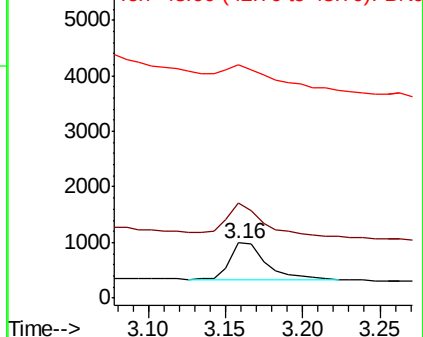
#2

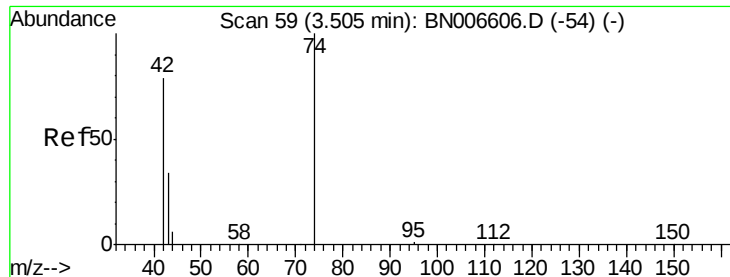
1,4-Dioxane
Concen: 0.215 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006623.D
Acq: 28 Jun 2019 21:01

Tgt Ion: 88 Resp: 1137
Ion Ratio Lower Upper
88 100
58 96.3 62.5 93.7#
43 92.2 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: 0.258 ng

RT: 3.49 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

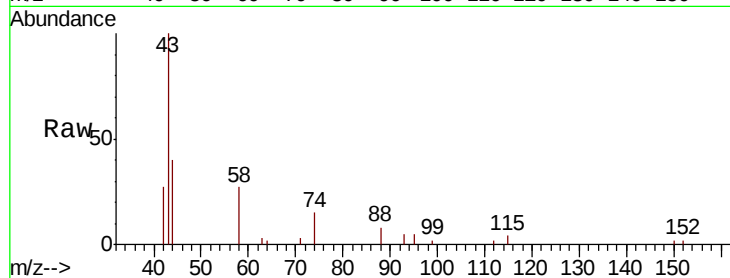
Tgt Ion: 42 Resp: 1075

Ion Ratio Lower Upper

42 100

74 138.1 103.1 154.7

44 0.0 3.4 5.2#

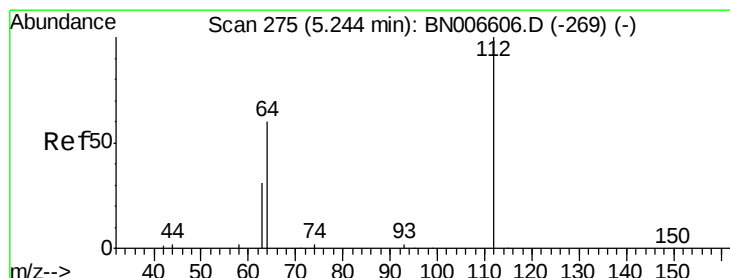
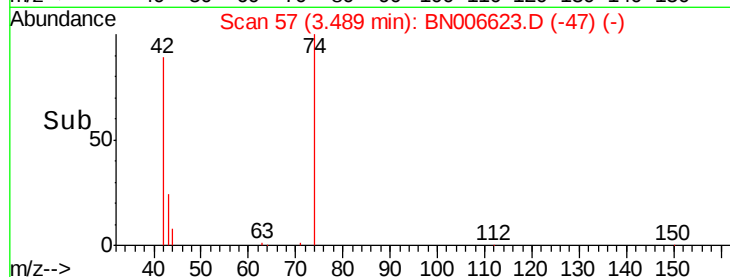
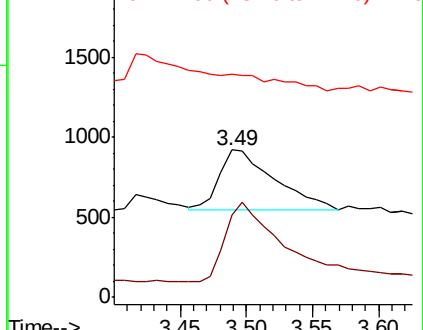


Abundance

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: 0.306 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.00 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

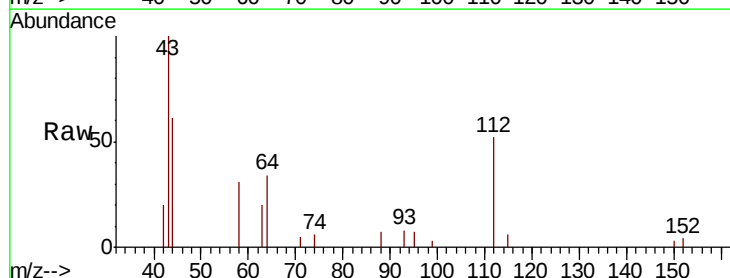
Tgt Ion: 112 Resp: 2870

Ion Ratio Lower Upper

112 100

64 62.1 48.9 73.3

63 33.9 24.3 36.5

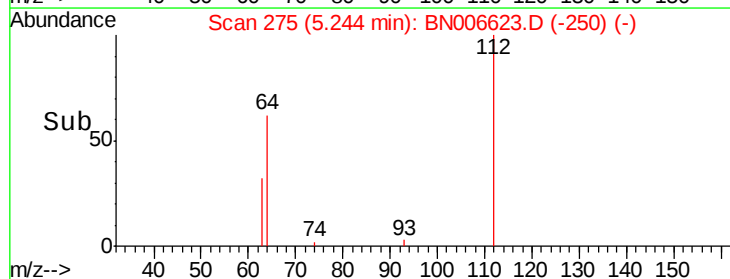
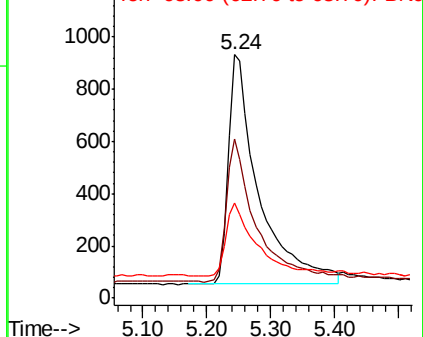


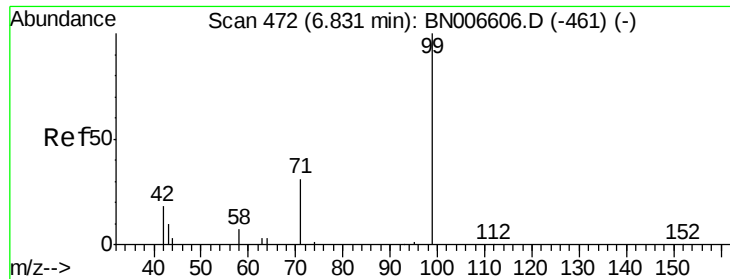
Abundance

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: 0.360 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

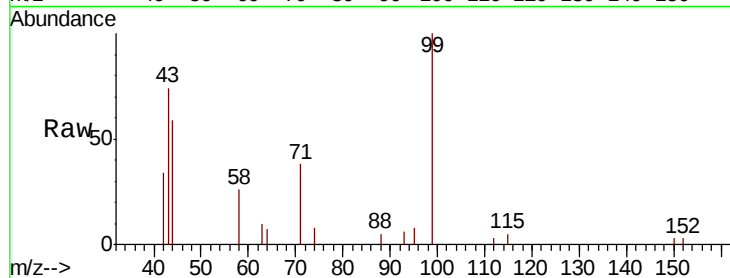
Tgt Ion: 99 Resp: 4471

Ion Ratio Lower Upper

99 100

42 24.9 16.4 24.6#

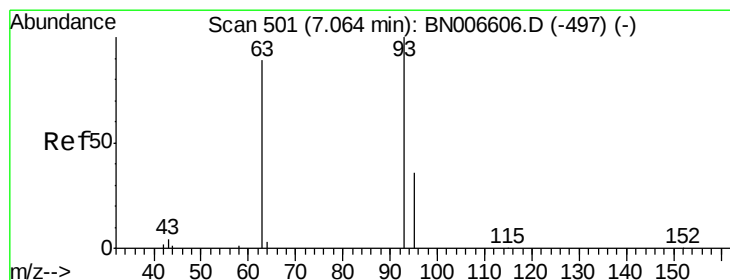
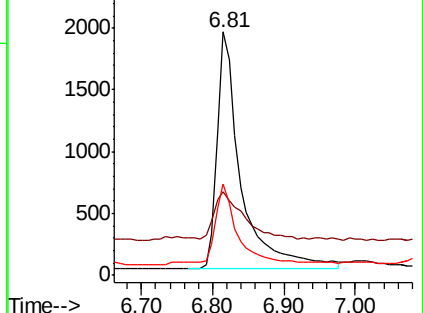
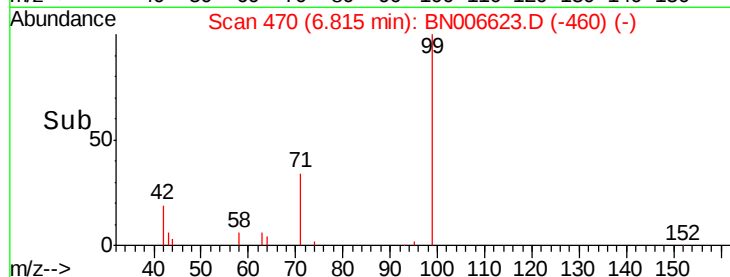
71 29.6 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006623.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006623.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006623.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.240 ng

RT: 7.06 min Scan# 501

Delta R.T. -0.00 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

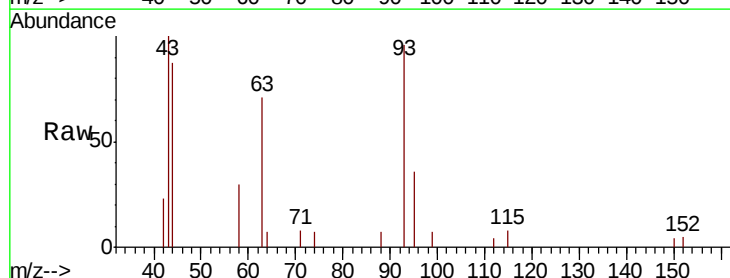
Tgt Ion: 93 Resp: 2653

Ion Ratio Lower Upper

93 100

63 78.8 52.5 78.7#

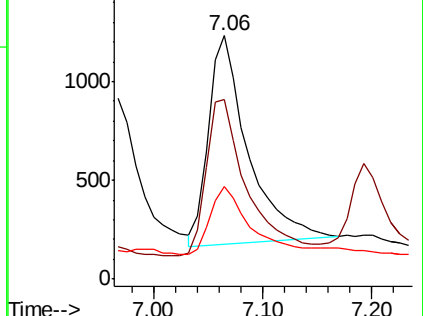
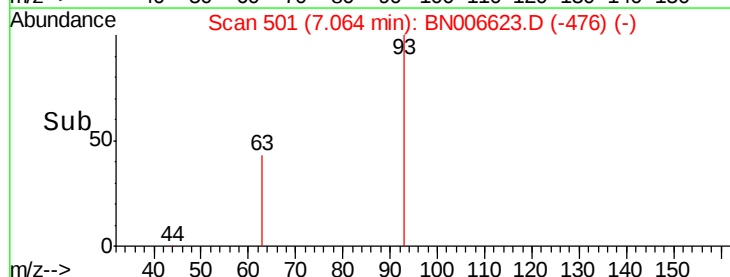
95 33.6 24.2 36.4

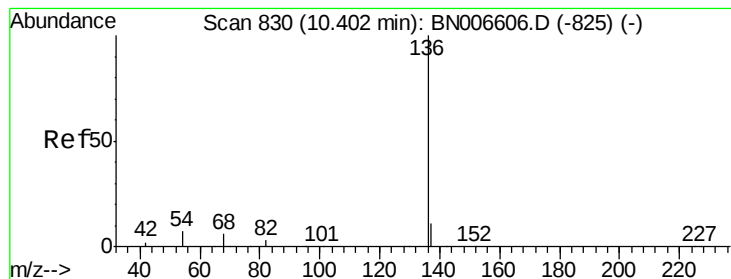


Abundance Ion 93.00 (92.70 to 93.70): BN006623.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006623.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006623.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

Tgt Ion: 136 Resp: 16244

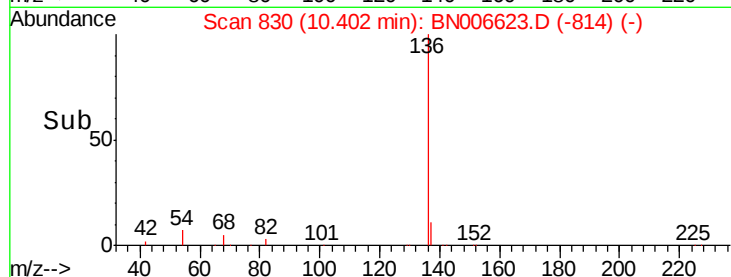
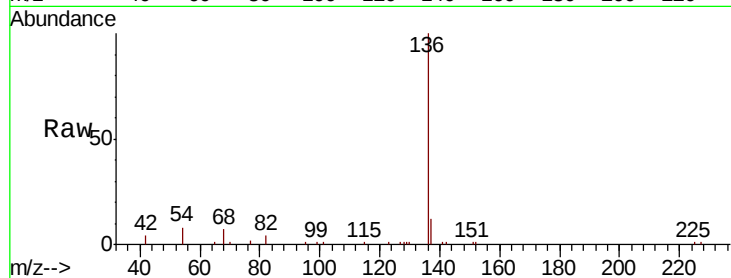
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 8.4 6.7 10.1

68 6.6 5.3 7.9

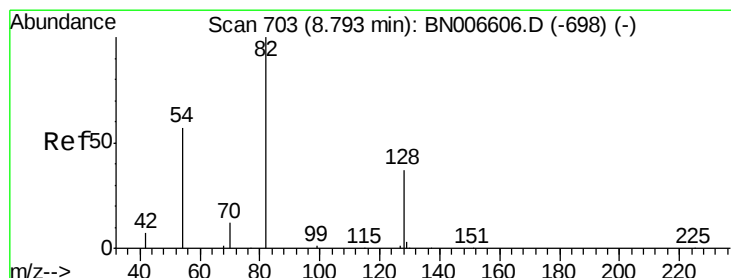
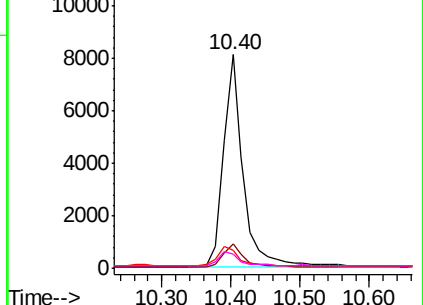


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.306 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

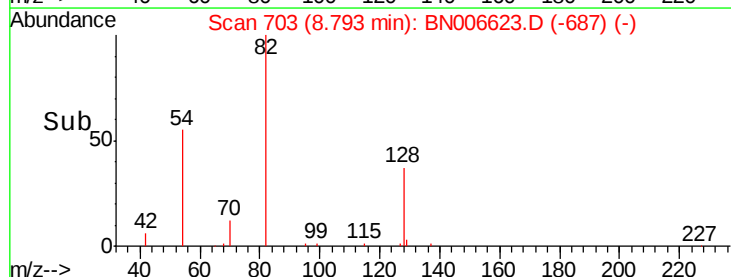
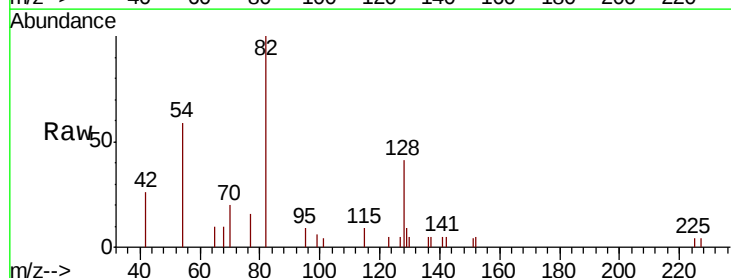
Tgt Ion: 82 Resp: 3344

Ion Ratio Lower Upper

82 100

128 40.8 32.6 49.0

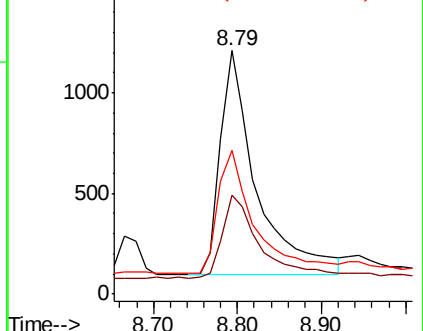
54 59.2 48.2 72.4

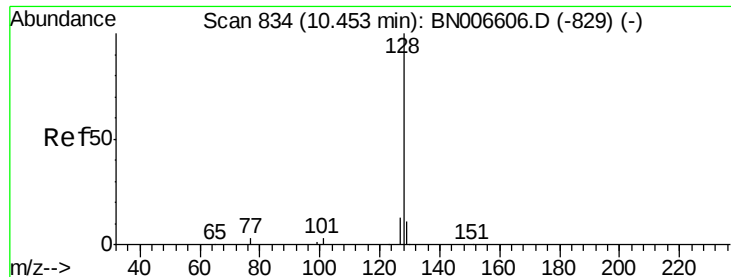


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.383 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

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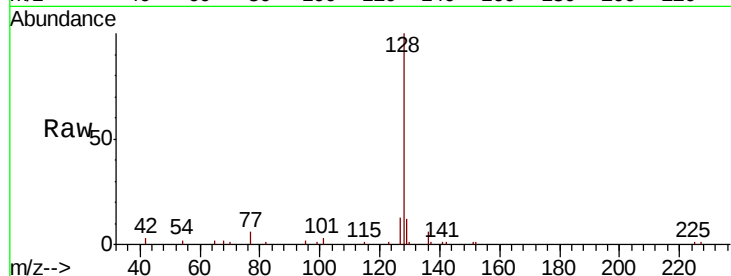
Tgt Ion:128 Resp: 16334

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

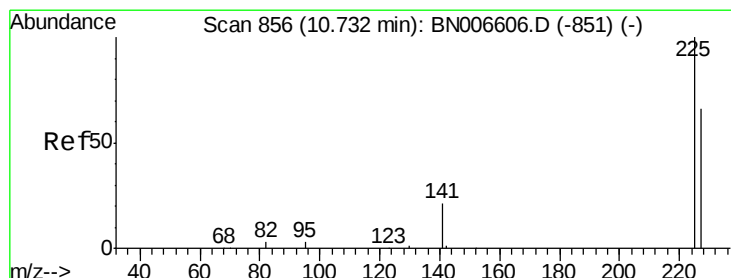
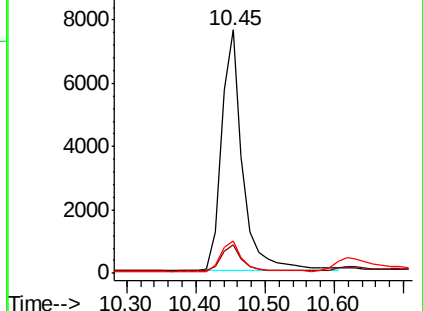
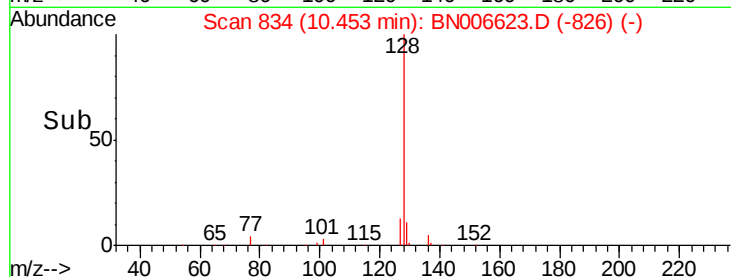
127 13.4 10.8 16.2



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: 0.256 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

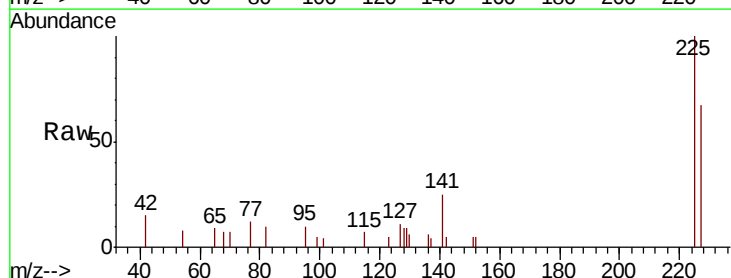
Tgt Ion:225 Resp: 2247

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

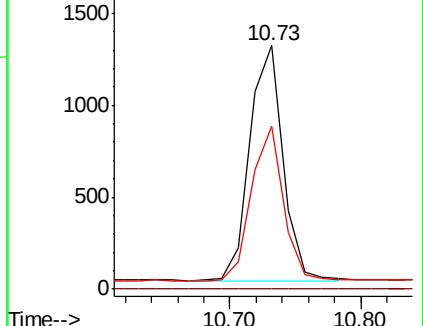
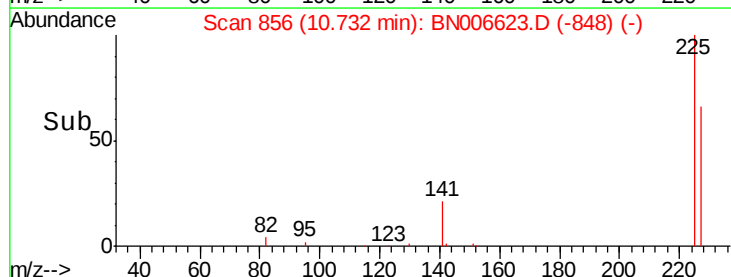
227 62.9 51.4 77.2

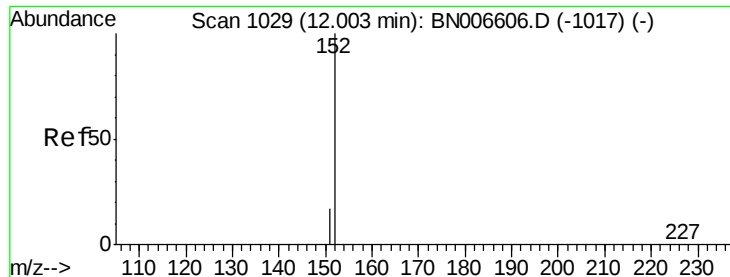


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

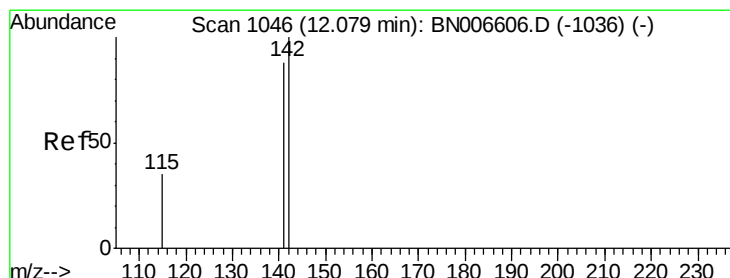
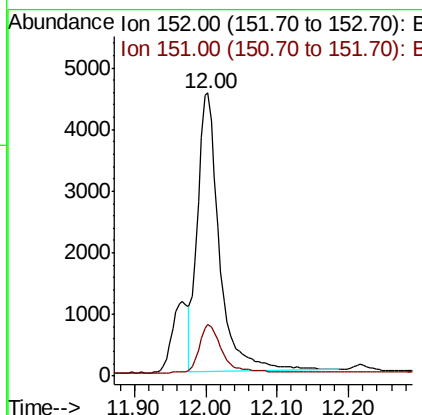
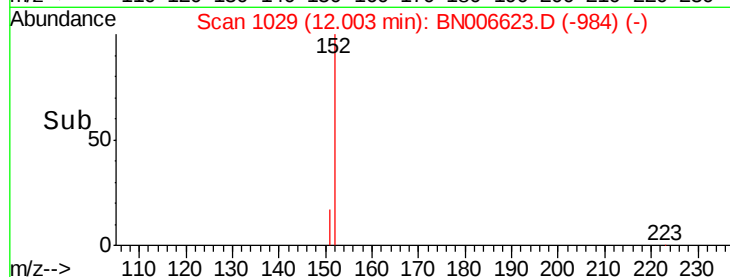
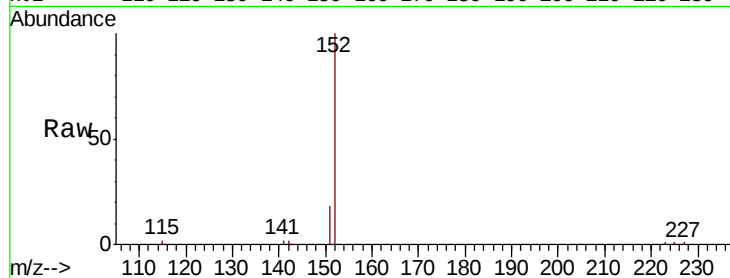




#11
 2-Methylnaphthalene-d10
 Concen: 0.375 ng
 RT: 12.00 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BN006623.D
 Acq: 28 Jun 2019 21:01

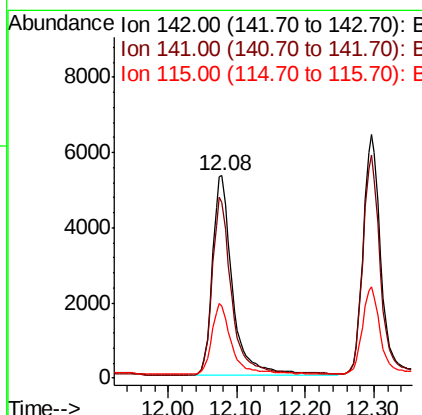
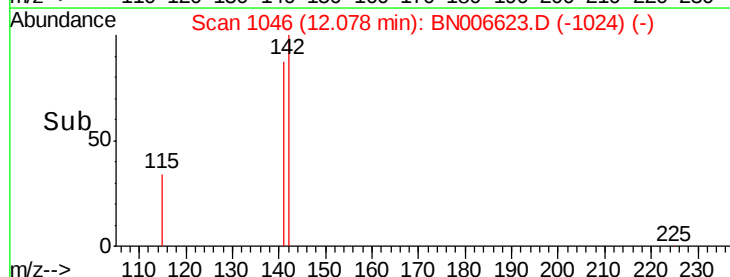
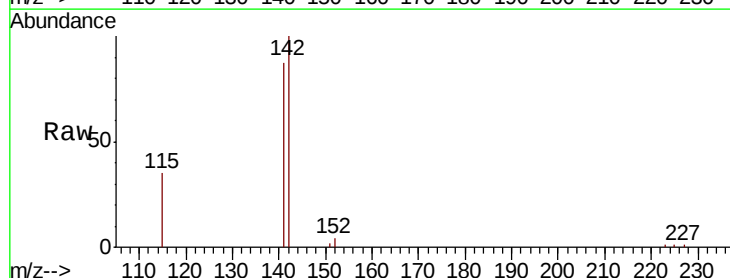
Instrument :
 BNA_N
 ClientSampleId :
 PST-008-SW122-061819MSD

Tgt Ion:152 Resp: 9593
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.371 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BN006623.D
 Acq: 28 Jun 2019 21:01

Tgt Ion:142 Resp: 10936
 Ion Ratio Lower Upper
 142 100
 141 87.0 70.2 105.4
 115 35.5 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: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

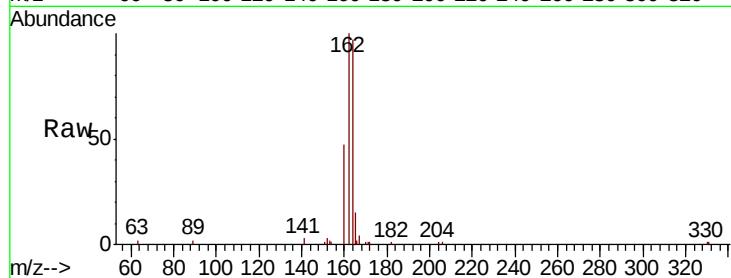
Tgt Ion:164 Resp: 10357

Ion Ratio Lower Upper

164 100

162 103.3 80.0 120.0

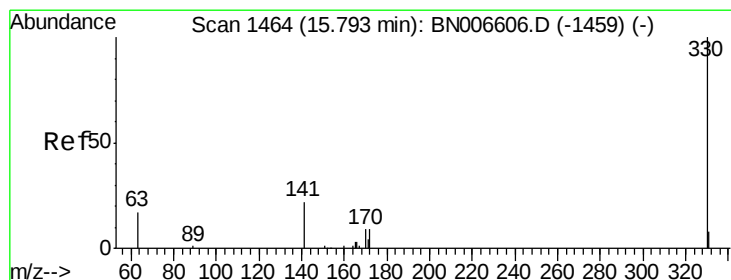
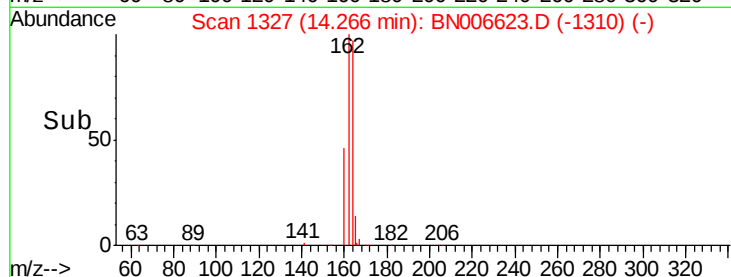
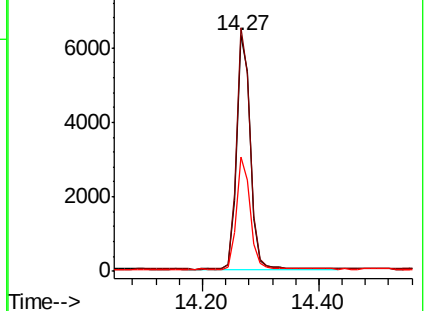
160 48.4 37.0 55.4



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: 0.286 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

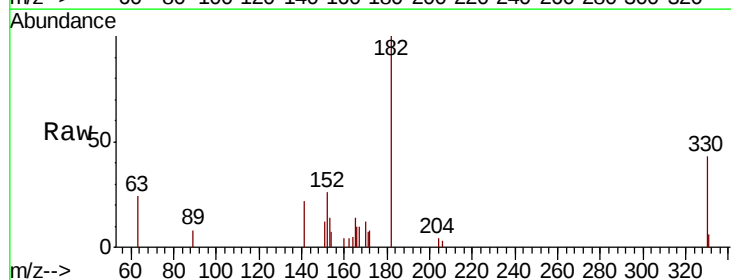
Tgt Ion:330 Resp: 1396

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

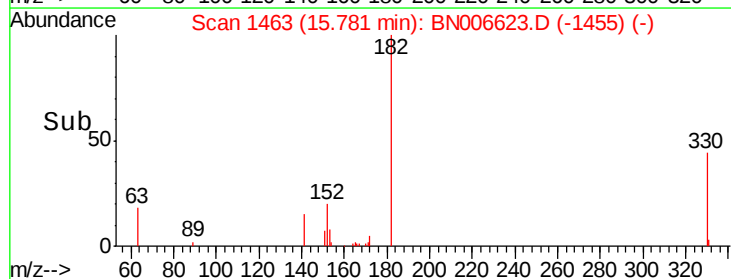
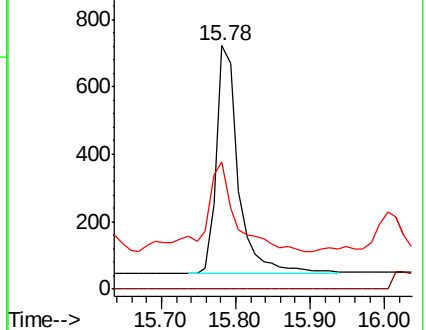
141 50.6 26.5 39.7#



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

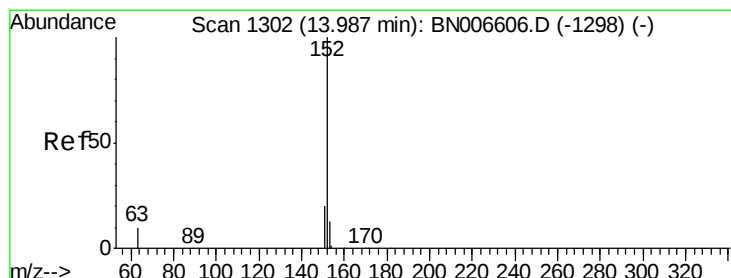
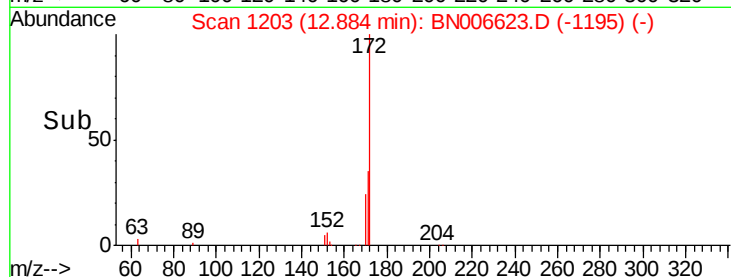
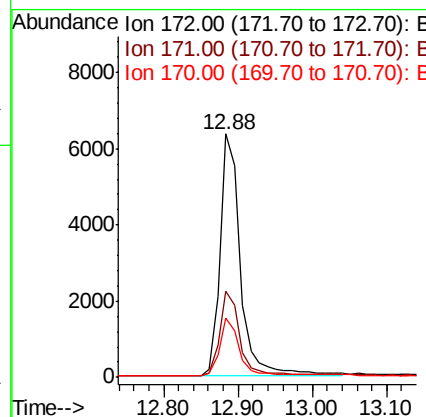
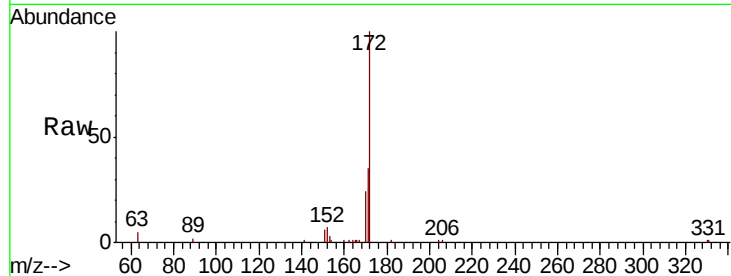




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006623.D
Acq: 28 Jun 2019 21:01

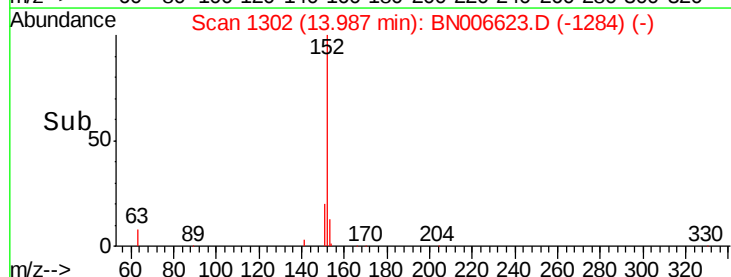
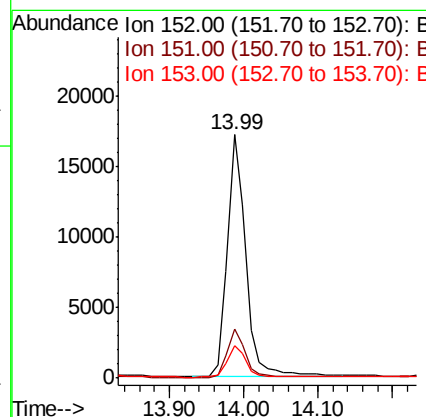
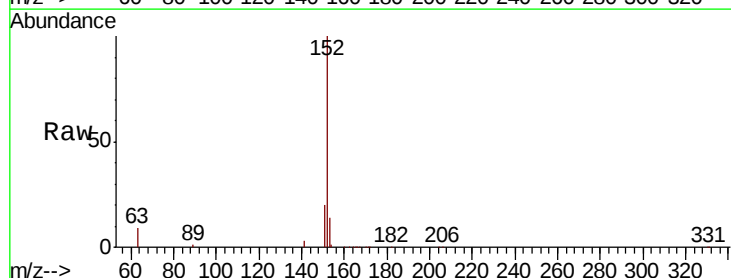
Instrument :
BNA_N
ClientSampleId :
PST-008-SW122-061819MSD

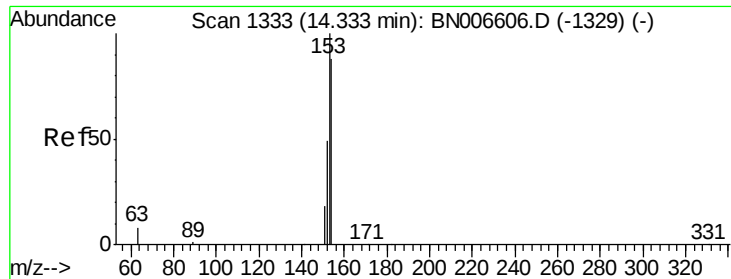
Tgt Ion:172 Resp: 12038
Ion Ratio Lower Upper
172 100
171 35.3 27.0 40.4
170 24.1 17.7 26.5



#16
Acenaphthylene
Concen: 0.605 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006623.D
Acq: 28 Jun 2019 21:01

Tgt Ion:152 Resp: 29885
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.4 10.5 15.7

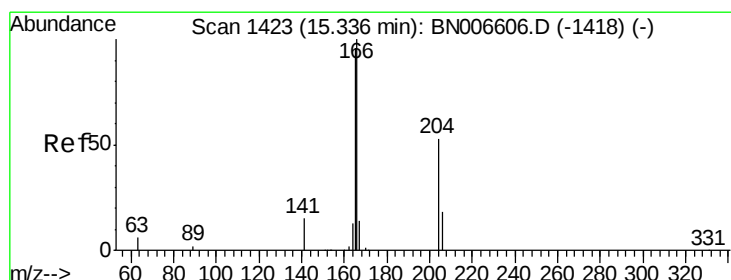
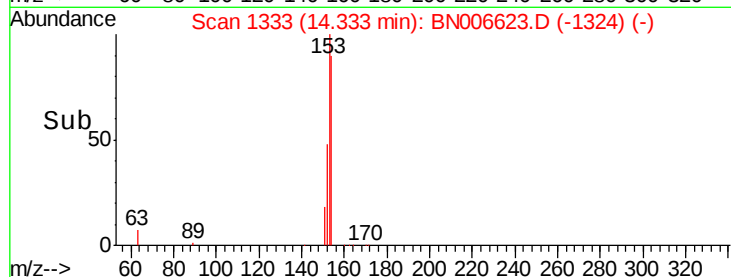
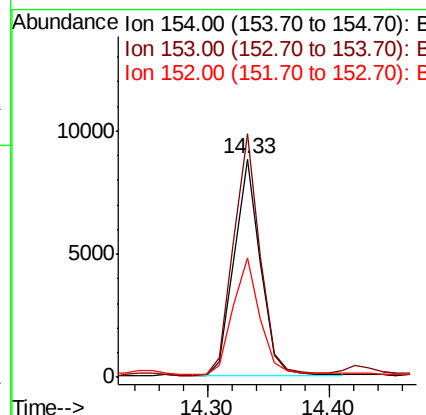
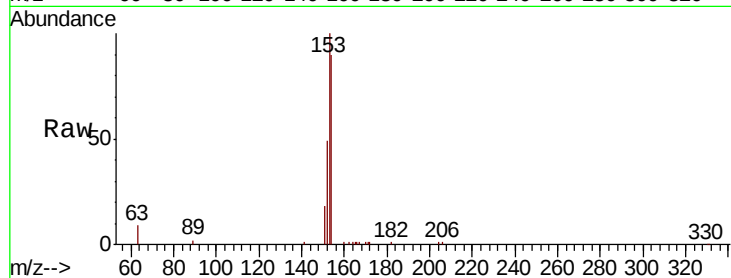




#17
Acenaphthene
Concen: 0.406 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006623.D
Acq: 28 Jun 2019 21:01

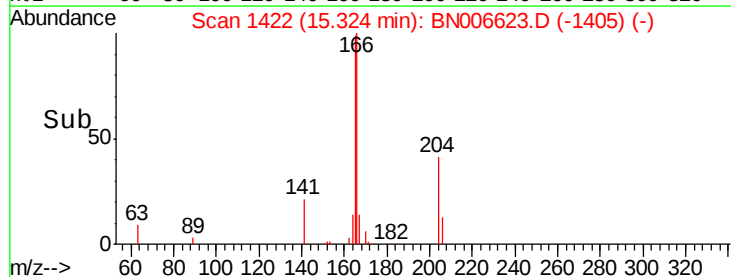
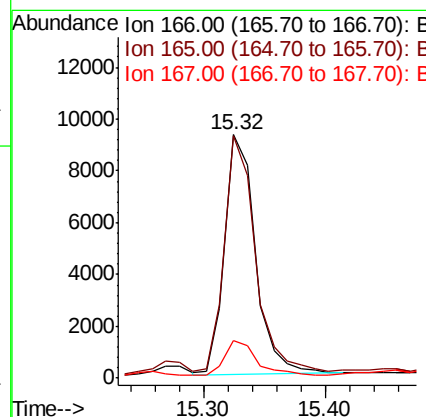
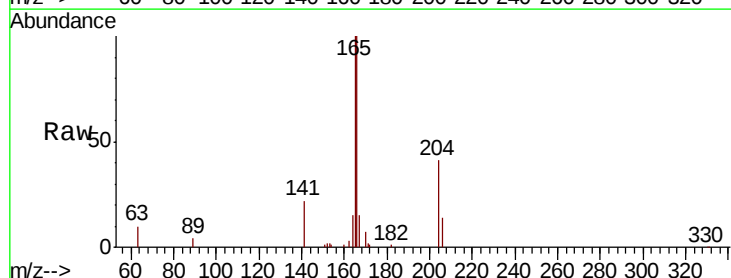
Instrument :
BNA_N
ClientSampleId :
PST-008-SW122-061819MSD

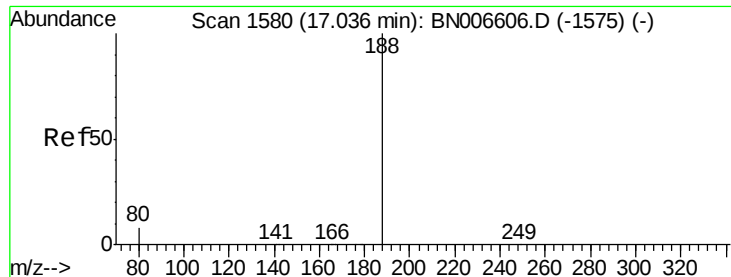
Tgt Ion:154 Resp: 13221
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.4
152 55.9 44.2 66.4



#18
Fluorene
Concen: 0.393 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006623.D
Acq: 28 Jun 2019 21:01

Tgt Ion:166 Resp: 16141
Ion Ratio Lower Upper
166 100
165 99.2 78.4 117.6
167 15.6 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: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

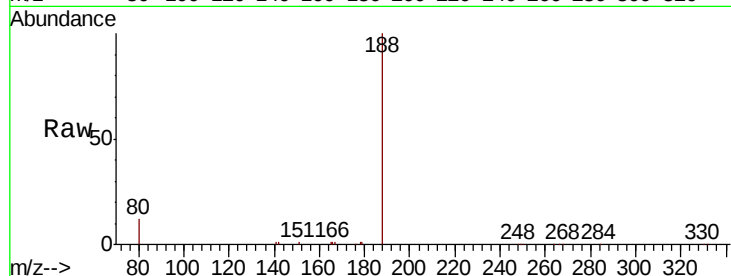
Tgt Ion:188 Resp: 25040

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

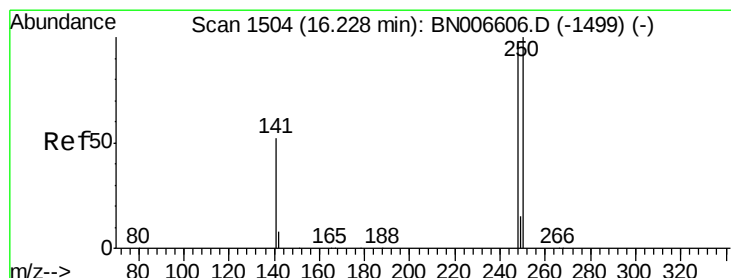
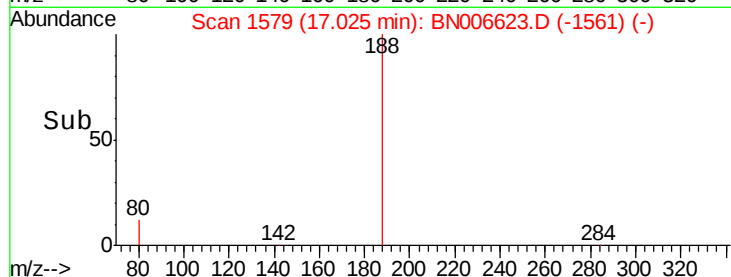
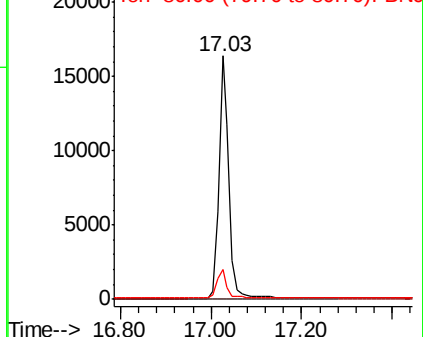
80 12.4 7.1 10.7#



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: 0.265 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

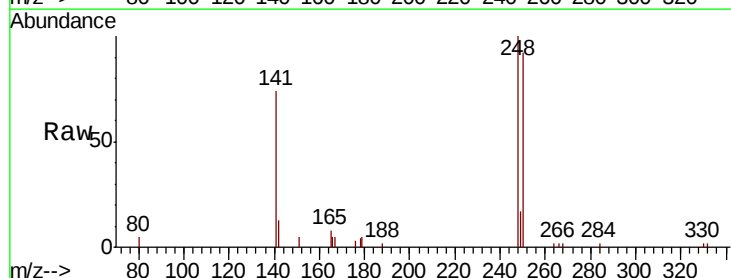
Tgt Ion:248 Resp: 3678

Ion Ratio Lower Upper

248 100

250 92.1 82.2 123.4

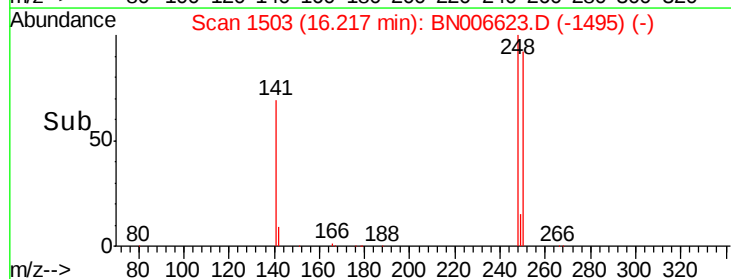
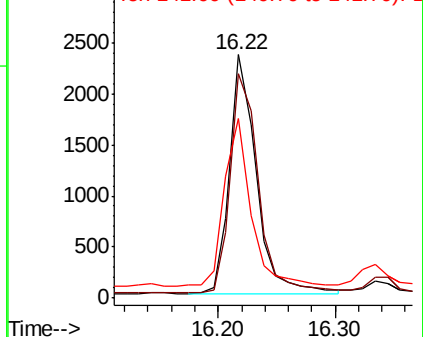
141 73.6 43.8 65.8#

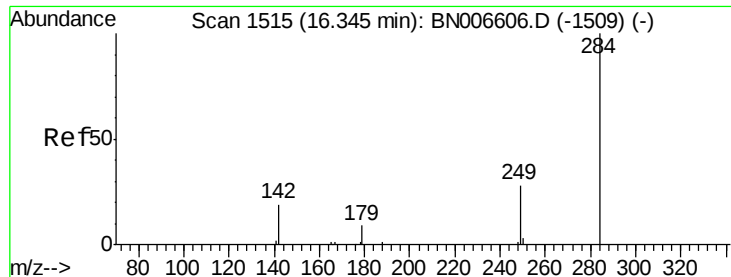


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.249 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

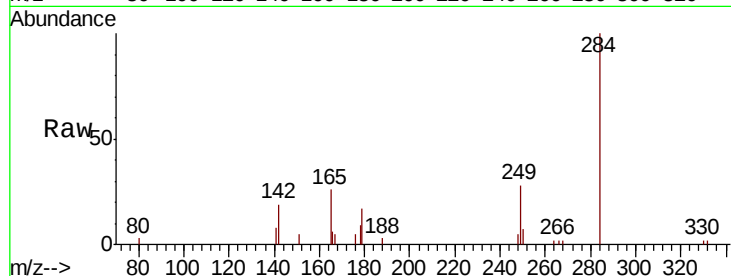
Tgt Ion:284 Resp: 4363

Ion Ratio Lower Upper

284 100

142 35.0 27.5 41.3

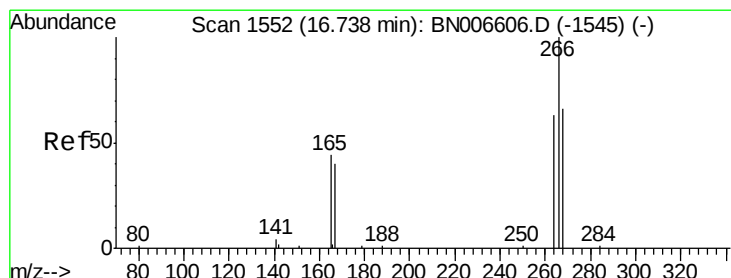
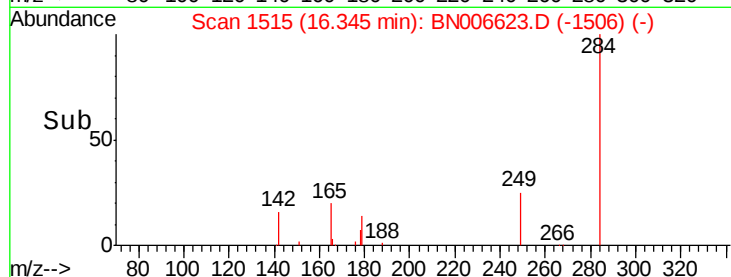
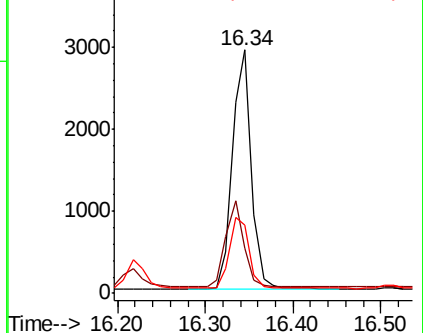
249 31.2 24.7 37.1



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: 0.651 ng

RT: 16.71 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

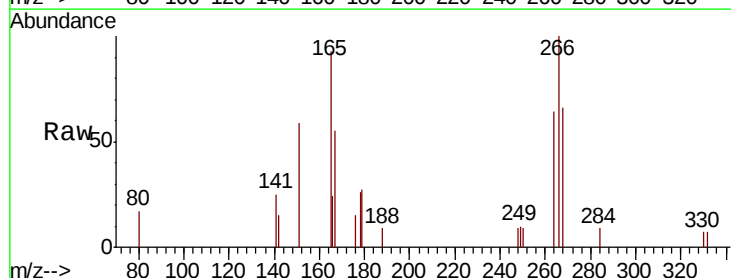
Tgt Ion:266 Resp: 1836

Ion Ratio Lower Upper

266 100

264 64.0 56.2 84.4

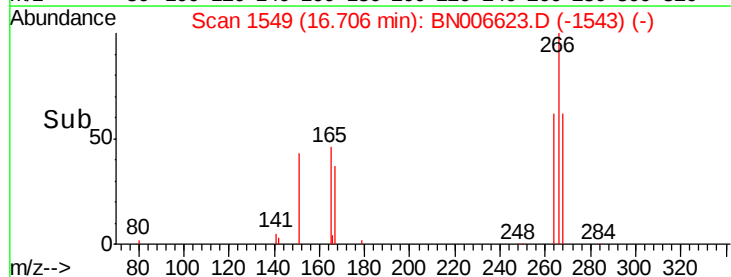
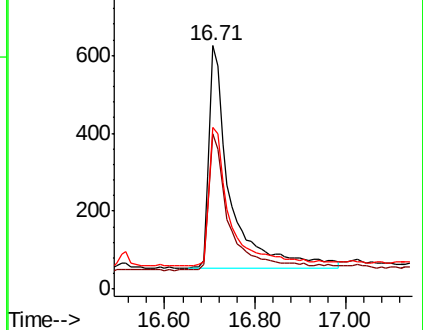
268 66.2 63.0 94.4

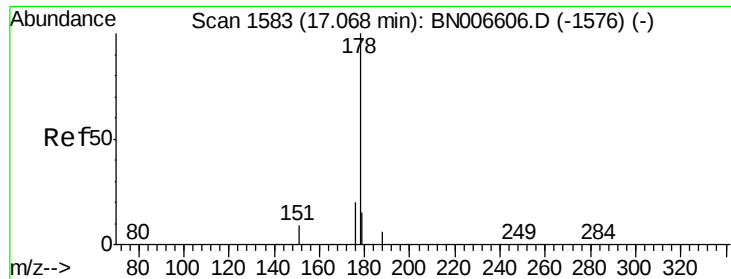


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.313 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

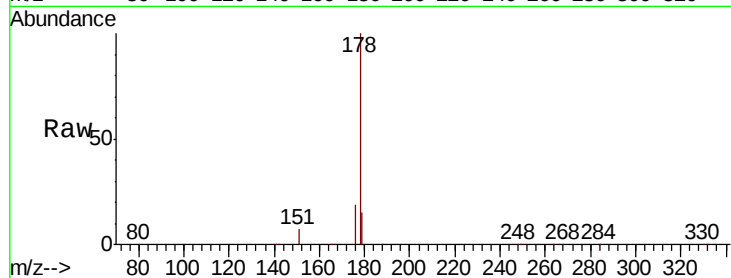
Tgt Ion:178 Resp: 164689

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

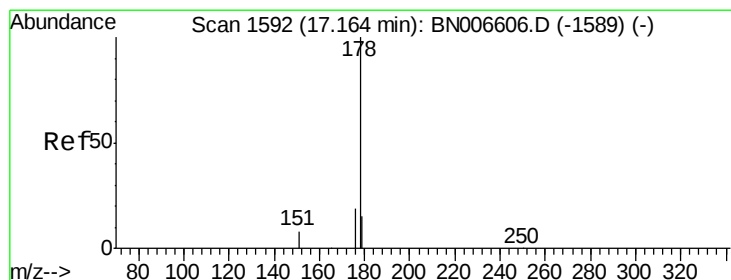
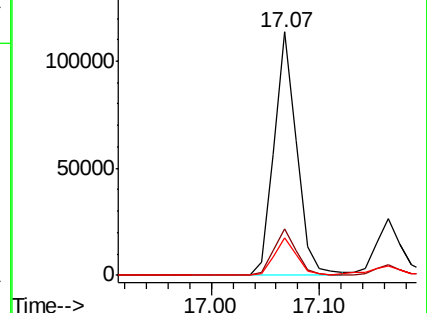
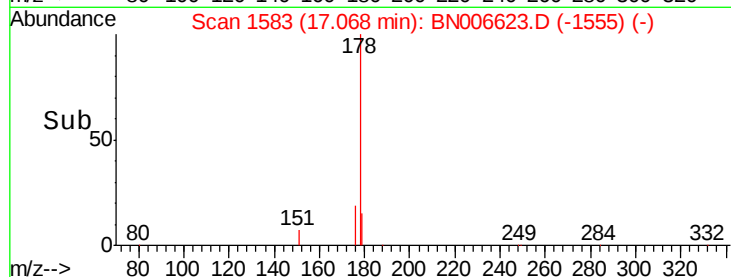
179 15.3 12.2 18.4



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: 0.692 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

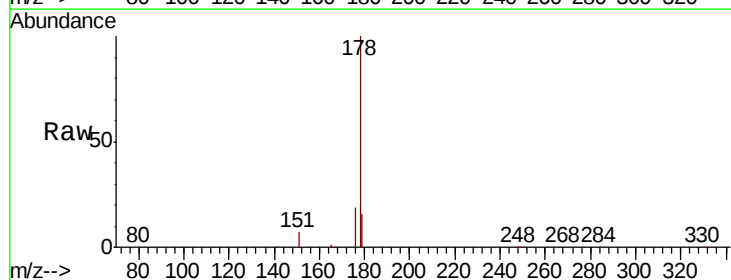
Tgt Ion:178 Resp: 42766

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

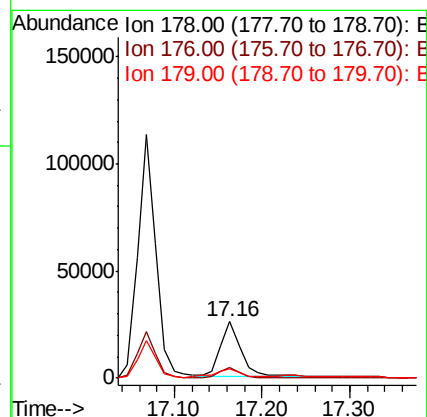
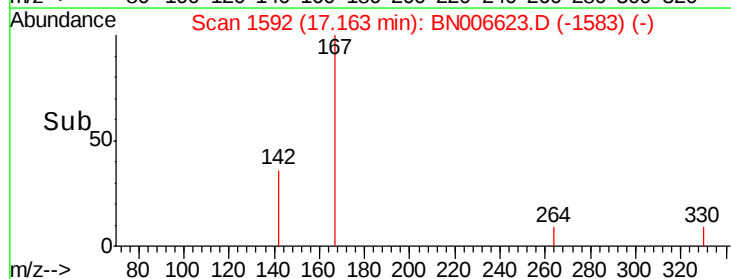
179 16.7 12.2 18.2

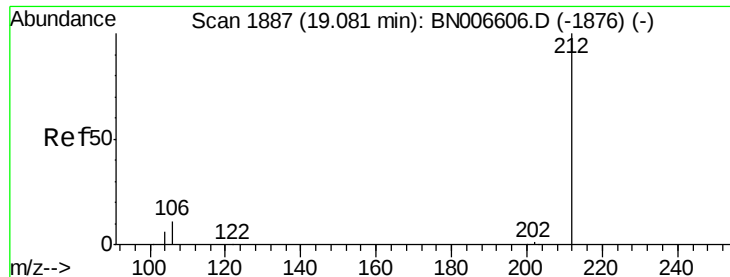


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

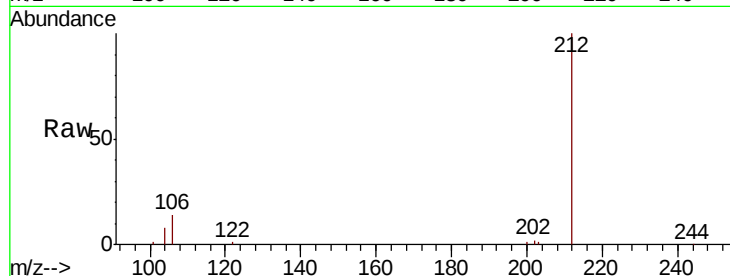
Tgt Ion:212 Resp: 26817

Ion Ratio Lower Upper

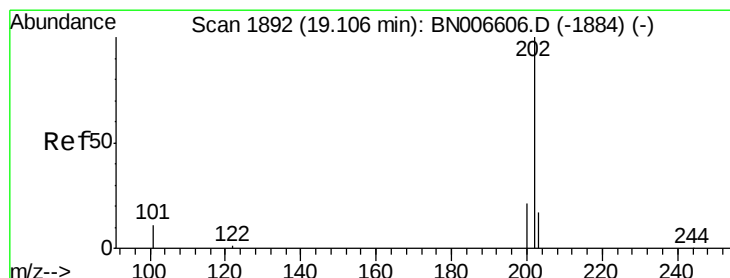
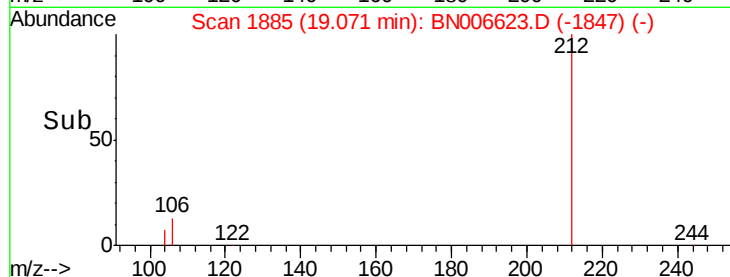
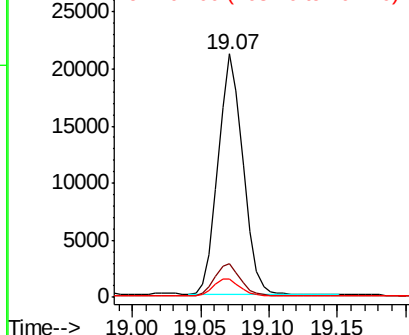
212 100

106 13.7 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: 3.730 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

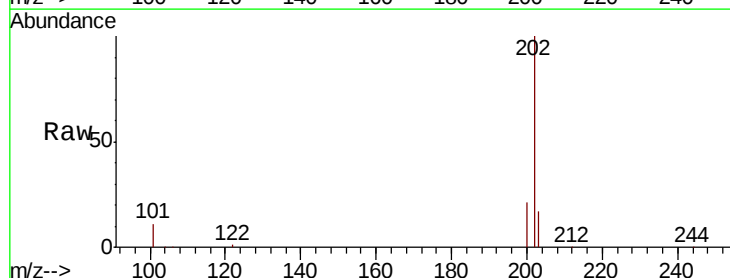
Tgt Ion:202 Resp: 322730

Ion Ratio Lower Upper

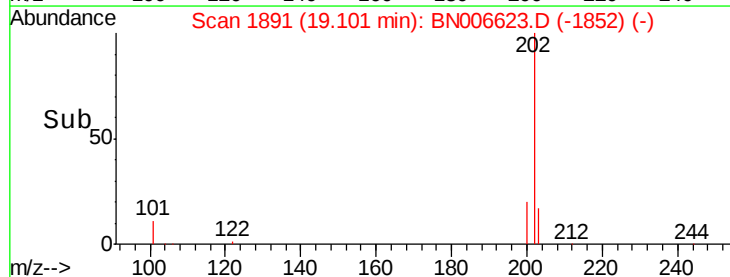
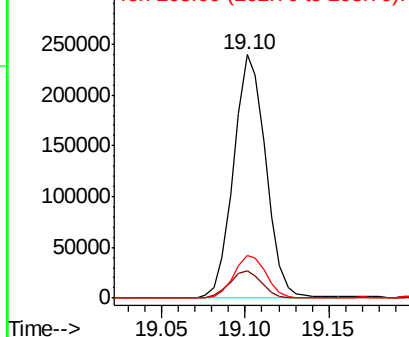
202 100

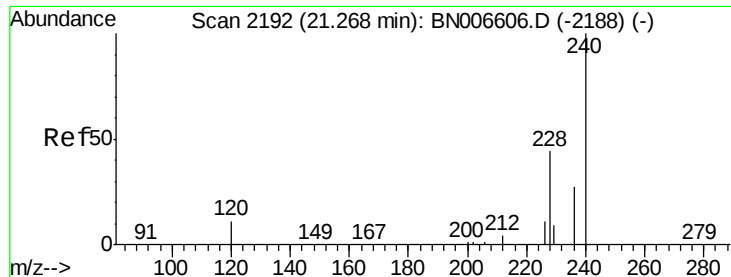
101 11.1 8.9 13.3

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

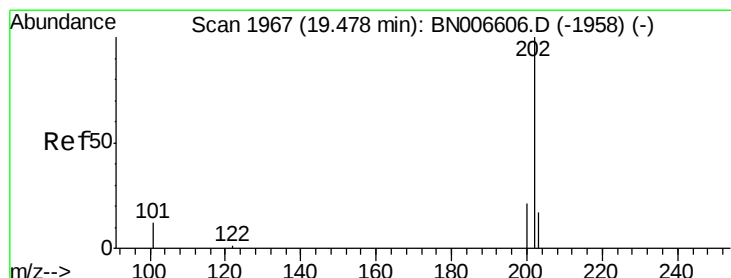
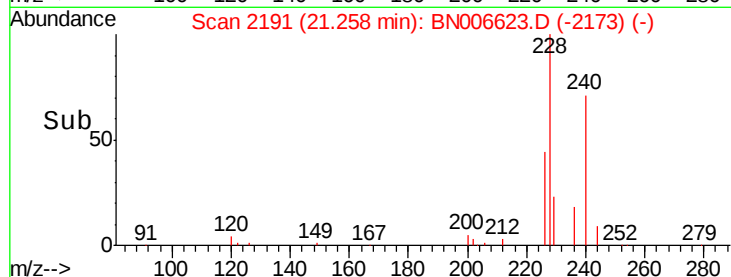
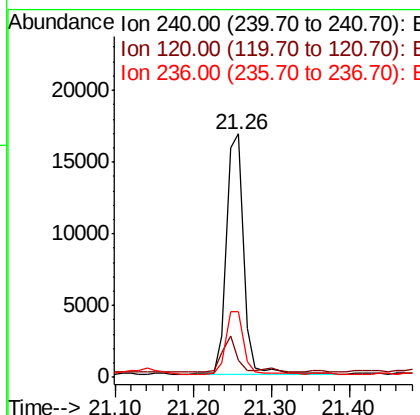
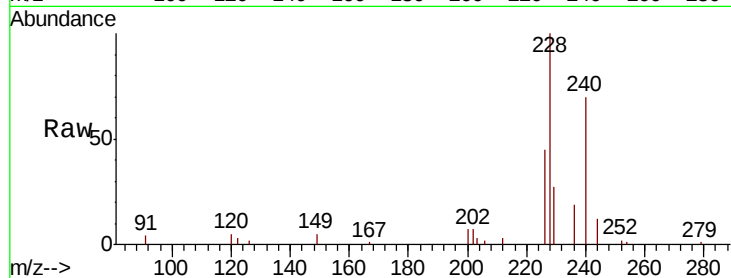




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006623.D
Acq: 28 Jun 2019 21:01

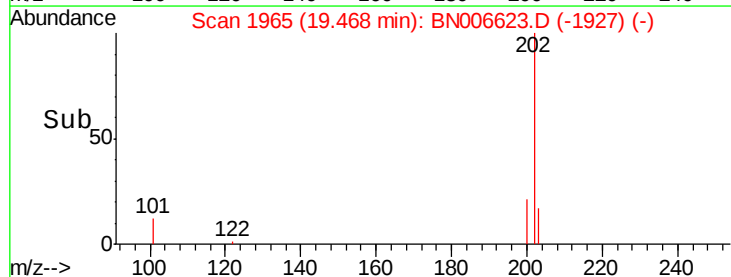
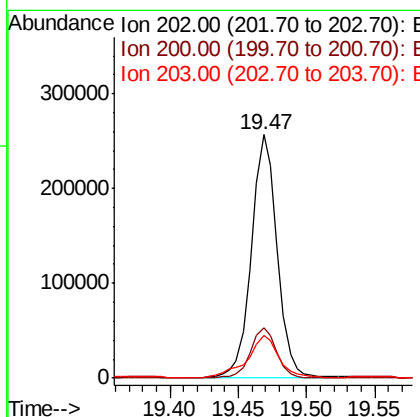
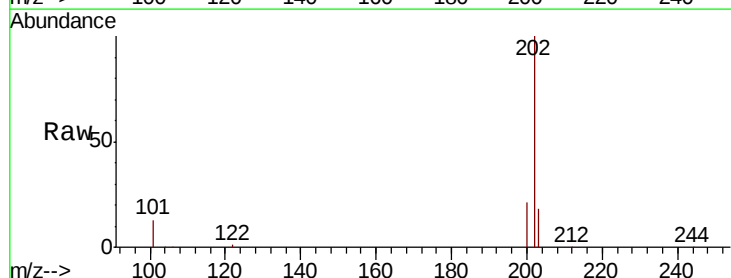
Instrument :
BNA_N
ClientSampleId :
PST-008-SW122-061819MSD

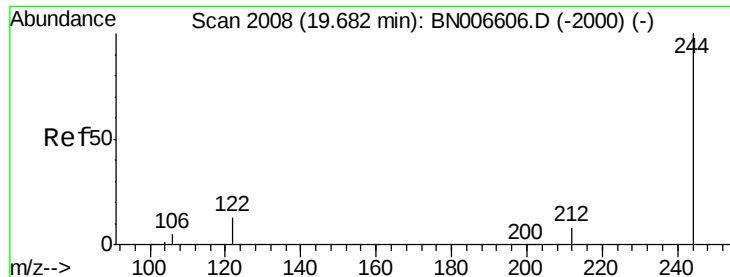
Tgt Ion:240 Resp: 25526
Ion Ratio Lower Upper
240 100
120 7.2 9.9 14.9#
236 27.2 22.2 33.4



#28
Pyrene
Concen: 3.773 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006623.D
Acq: 28 Jun 2019 21:01

Tgt Ion:202 Resp: 337034
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 20.9 14.1 21.1





#29

Terphenyl-d14

Concen: 0.311 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

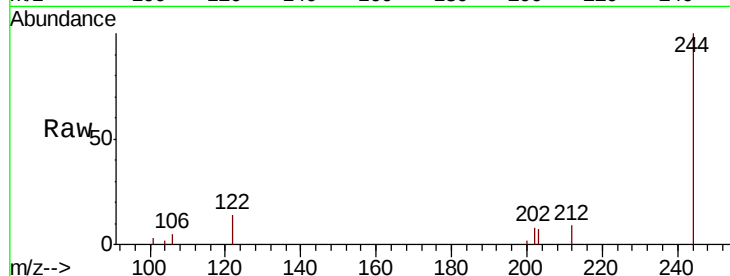
Tgt Ion:244 Resp: 16604

Ion Ratio Lower Upper

244 100

212 8.7 6.7 10.1

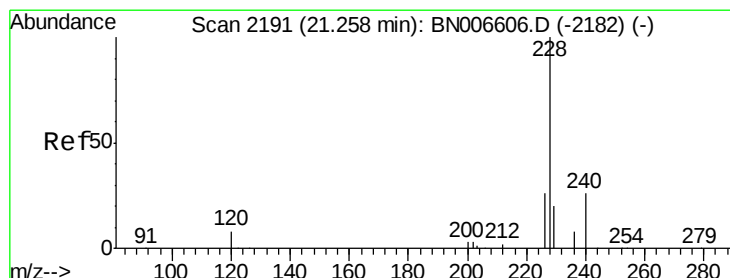
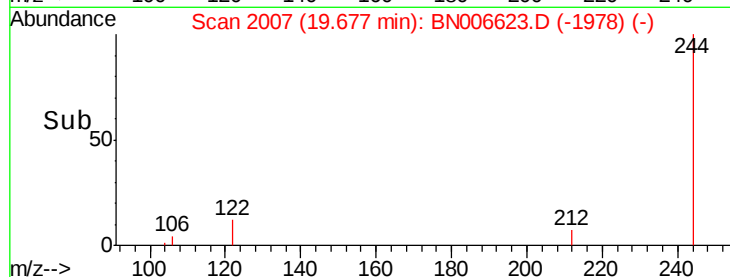
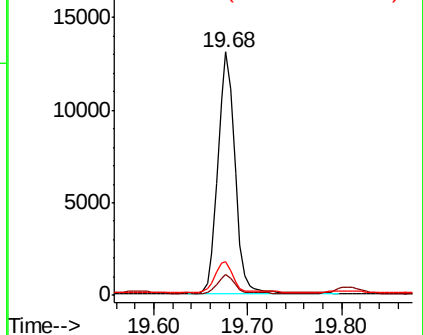
122 13.7 11.0 16.6



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: 2.499 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

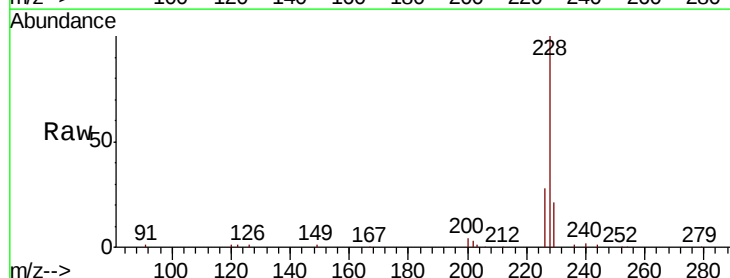
Tgt Ion:228 Resp: 208529

Ion Ratio Lower Upper

228 100

226 27.7 21.2 31.8

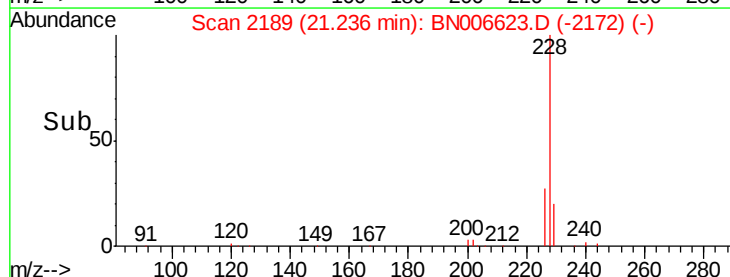
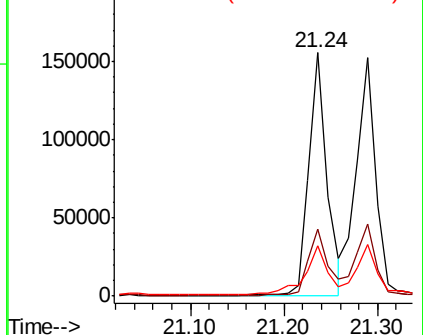
229 20.7 16.1 24.1



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: 2.408 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

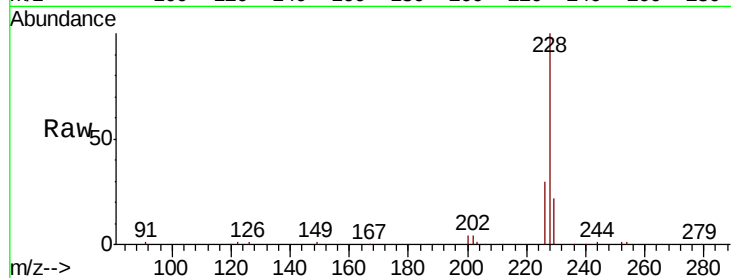
Tgt Ion:228 Resp: 216617

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 21.6 15.9 23.9

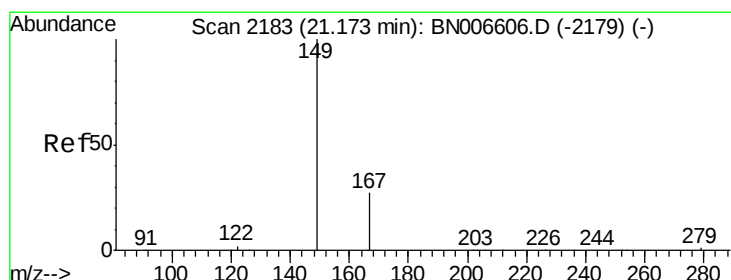
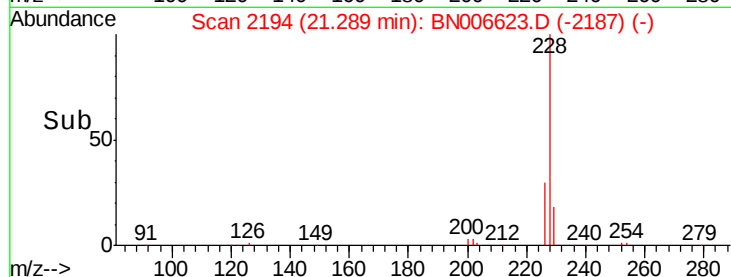
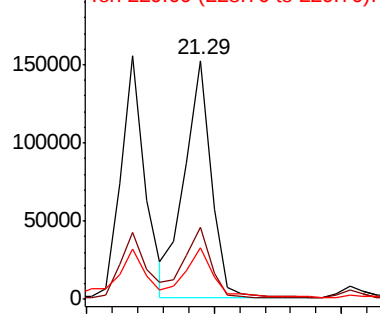


Abundance

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: 1.058 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

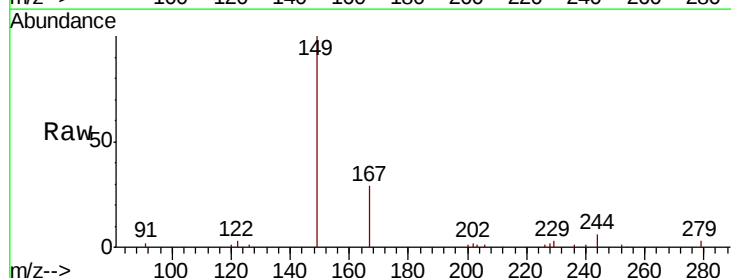
Tgt Ion:149 Resp: 44440

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 3.8 3.3 4.9

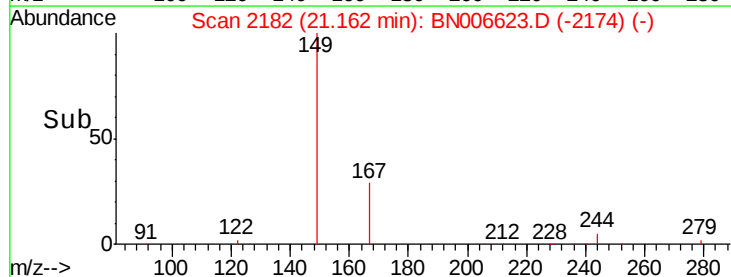
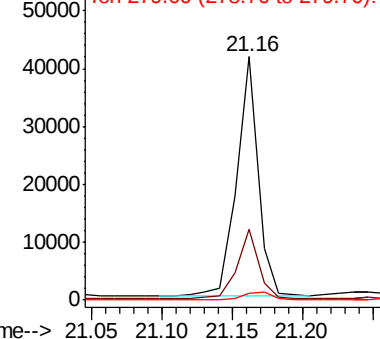


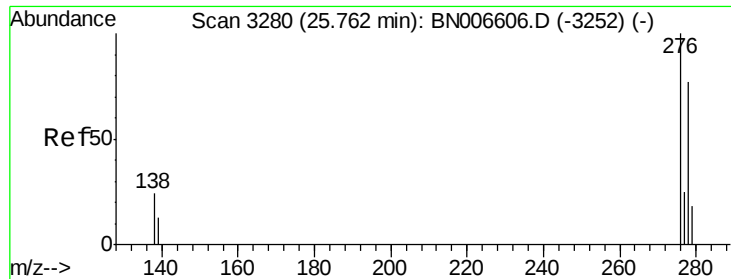
Abundance

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: 1.135 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.04 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

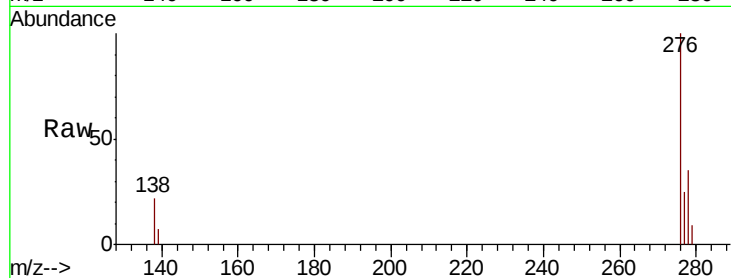
Tgt Ion:276 Resp: 103356

Ion Ratio Lower Upper

276 100

138 21.7 19.3 28.9

277 23.9 19.9 29.9

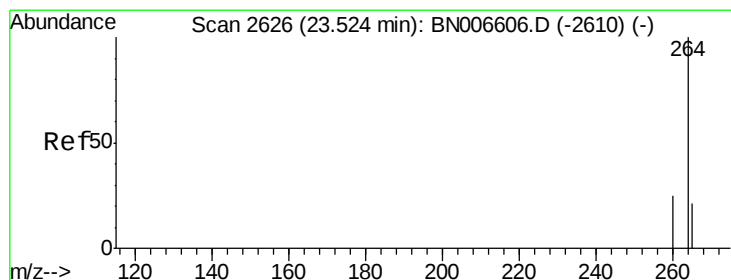
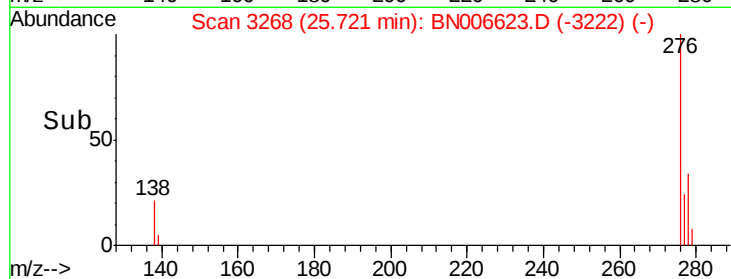
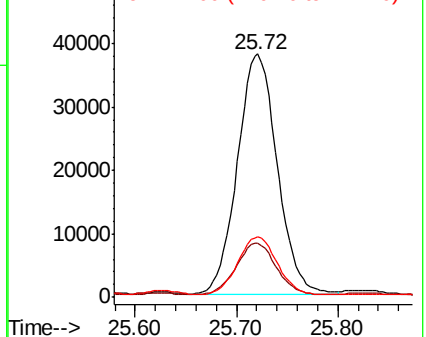


Abundance

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: 23.49 min Scan# 2616

Delta R.T. -0.03 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

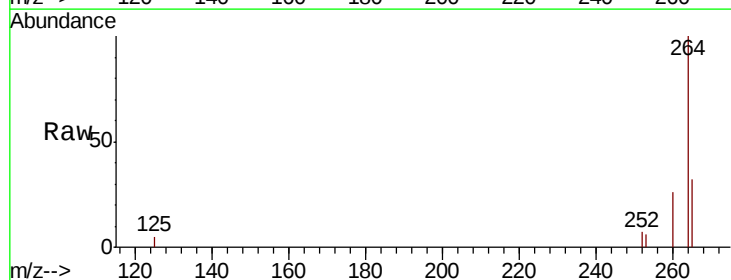
Tgt Ion:264 Resp: 25417

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 32.4 23.3 34.9

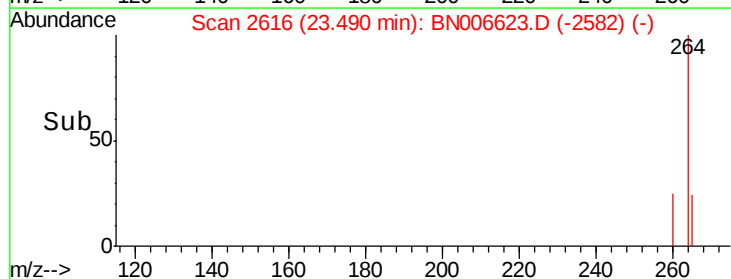
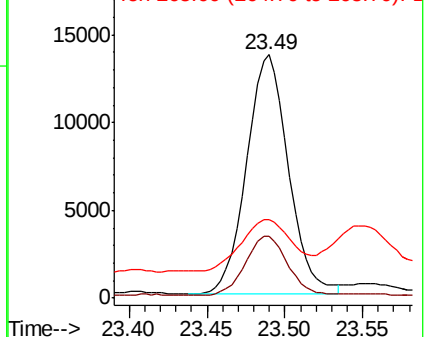


Abundance

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: 2.703 ng

RT: 22.82 min Scan# 2421

Delta R.T. -0.03 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

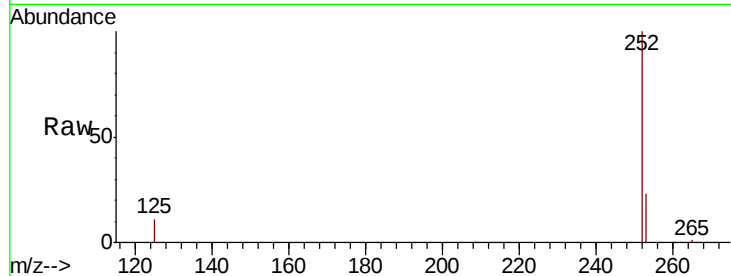
Tgt Ion:252 Resp: 233682

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

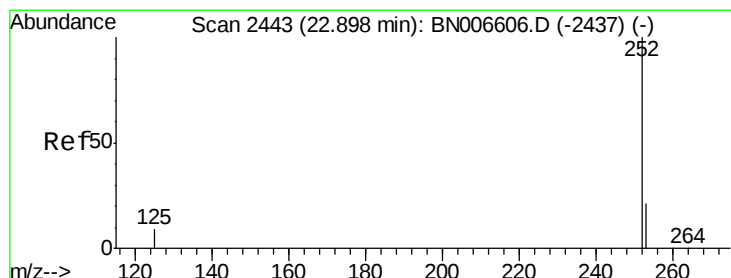
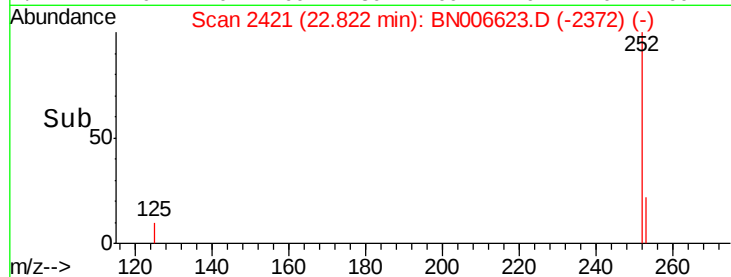
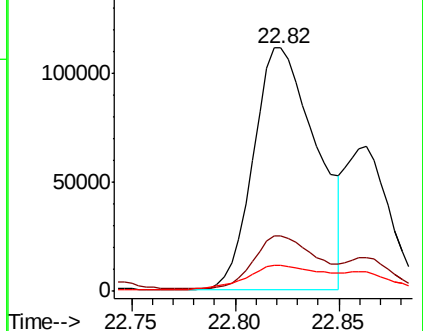
125 10.7 8.7 13.1



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: 2.536 ng

RT: 22.82 min Scan# 2421

Delta R.T. -0.08 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

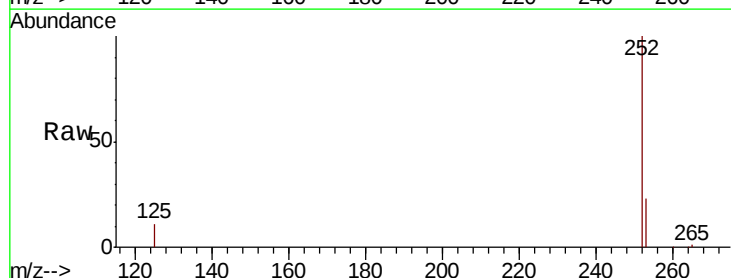
Tgt Ion:252 Resp: 233682

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

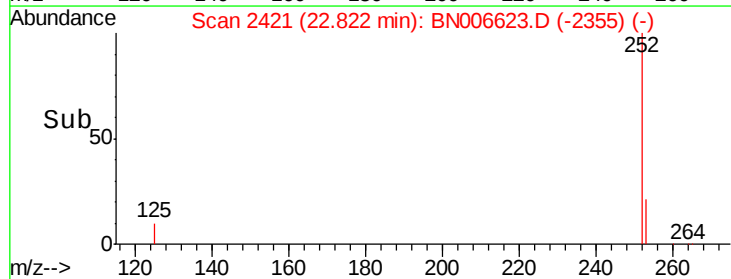
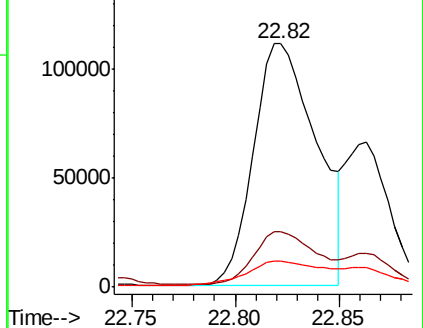
125 10.7 8.4 12.6



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: 2.054 ng

RT: 23.39 min Scan# 2587

Delta R.T. -0.04 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD

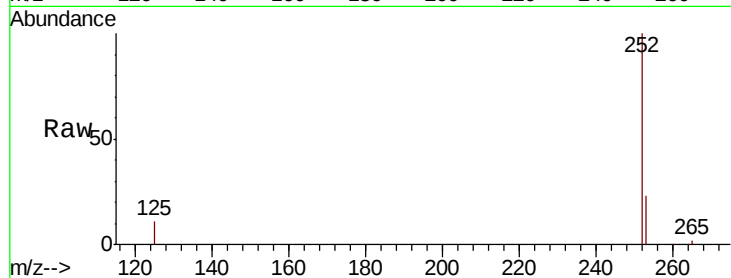
Tgt Ion:252 Resp: 165978

Ion Ratio Lower Upper

252 100

253 23.0 18.8 28.2

125 11.2 9.4 14.2

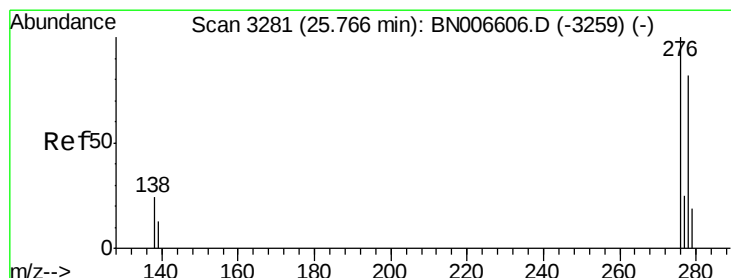
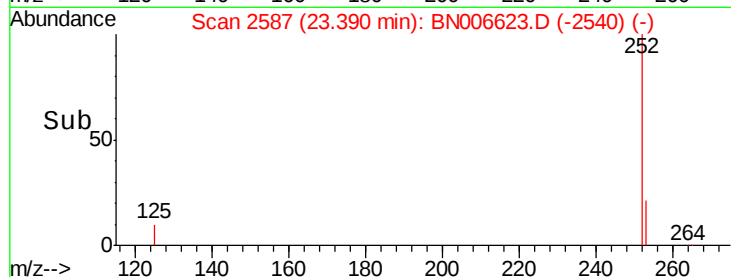
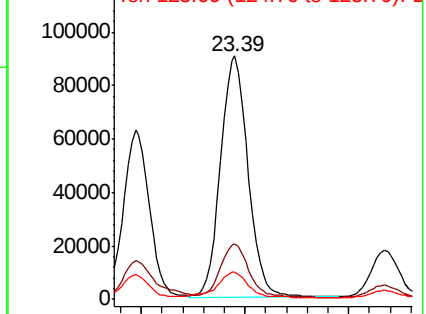


Abundance

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: 0.550 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.04 min

Lab File: BN006623.D

Acq: 28 Jun 2019 21:01

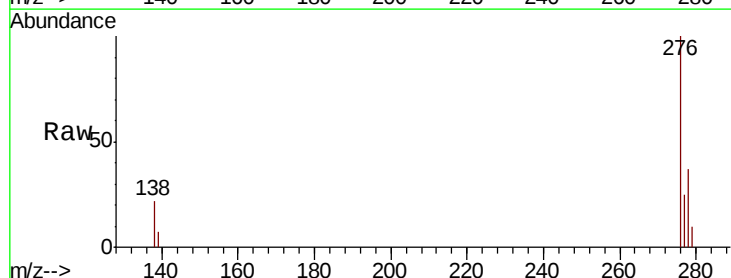
Tgt Ion:278 Resp: 38830

Ion Ratio Lower Upper

278 100

139 19.1 13.5 20.3

279 26.2 19.4 29.2

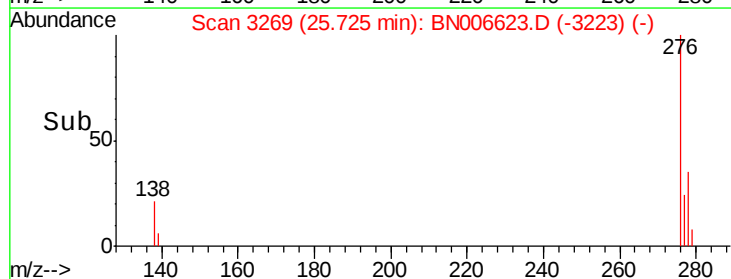
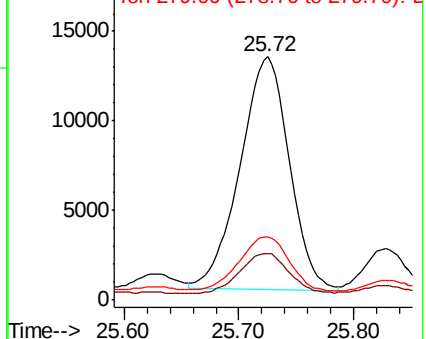


Abundance

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: 1.387 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.04 min

Lab File: BN006623.D

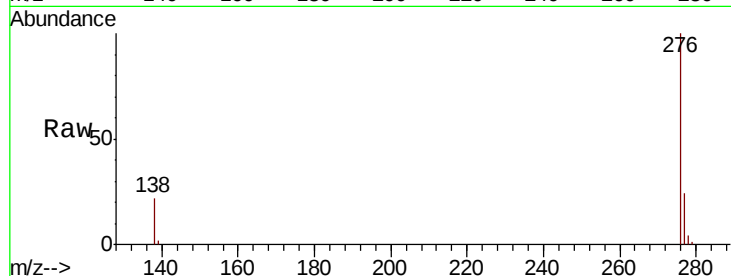
Acq: 28 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

PST-008-SW122-061819MSD



Tgt Ion: 276 Resp: 97748

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 22.0 17.7 26.5

