

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099261.D
 Acq On : 29 Mar 2019 19:00
 Operator : JU/SJ
 Sample : K1982-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-027-B110-032519

Quant Time: Mar 29 22:57:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 26 07:02:06 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3377	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	14001	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10417	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	31257	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	38979	0.40	ng	-0.01
34) Perylene-d12	23.89	264	38793	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	2356	0.23	ng	0.00
5) Phenol-d6	6.99	99	3568	0.23	ng	0.00
8) Nitrobenzene-d5	8.99	82	2861	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	6292	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1335	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	9052	0.21	ng	0.00
25) Fluoranthene-d10	19.23	212	86450	0.23	ng	-0.01
29) Terphenyl-d14	19.83	244	13724	0.16	ng	0.00

Target Compounds

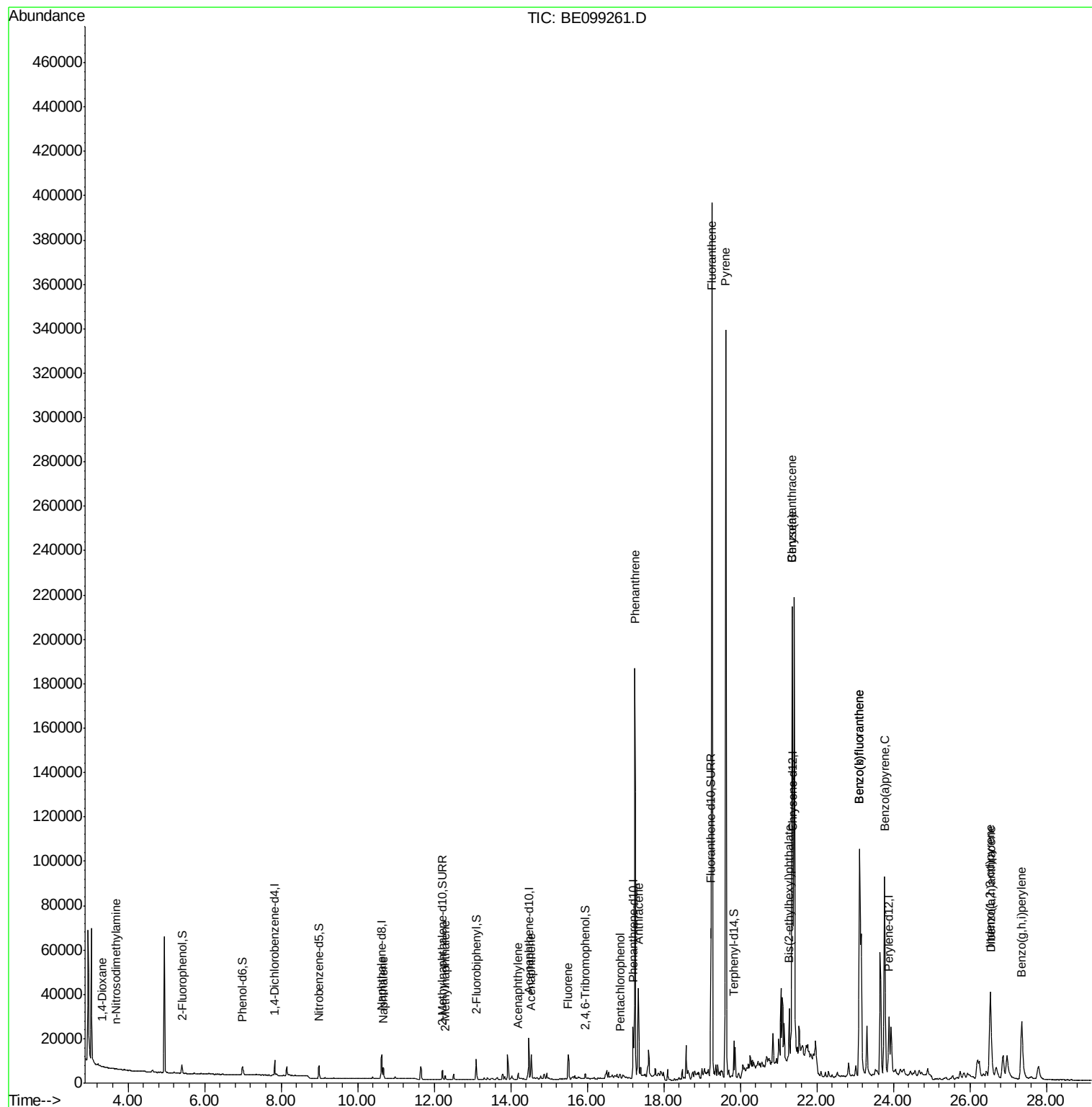
						Qvalue
2) 1,4-Dioxane	3.31	88	244	0.055	ng	# 30
3) n-Nitrosodimethylamine	3.69	42	95	0.038	ng	# 1
9) Naphthalene	10.67	128	8726	0.053	ng	# 96
12) 2-Methylnaphthalene	12.29	142	1461	0.049	ng	97
16) Acenaphthylene	14.20	152	4352	0.082	ng	99
17) Acenaphthene	14.53	154	6659	0.210	ng	98
18) Fluorene	15.50	166	8607	0.193	ng	# 98
22) Pentachlorophenol	16.87	266	28	0.248	ng	# 79
23) Phenanthrene	17.24	178	201786	2.198	ng	100
24) Anthracene	17.34	178	38791	0.468	ng	# 91
26) Fluoranthene	19.26	202	370954	3.167	ng	98
28) Pyrene	19.62	202	331862	2.563	ng	# 95
30) Benzo(a)anthracene	21.35	228	210173	1.634	ng	98
31) Chrysene	21.35	228	200747	1.460	ng	96
32) Bis(2-ethylhexyl)phthalate	21.28	149	22957	0.150	ng	98
33) Indeno(1,2,3-cd)pyrene	26.53	276	80986	0.623	ng	# 96
35) Benzo(b)fluoranthene	23.12	252	197190	1.545	ng	# 96
36) Benzo(k)fluoranthene	23.12	252	197309	1.462	ng	# 96
37) Benzo(a)pyrene	23.77	252	147533	1.238	ng	98
38) Dibenzo(a,h)anthracene	26.55	278	23288	0.220	ng	# 88
39) Benzo(g,h,i)perylene	27.35	276	73708	0.694	ng	98

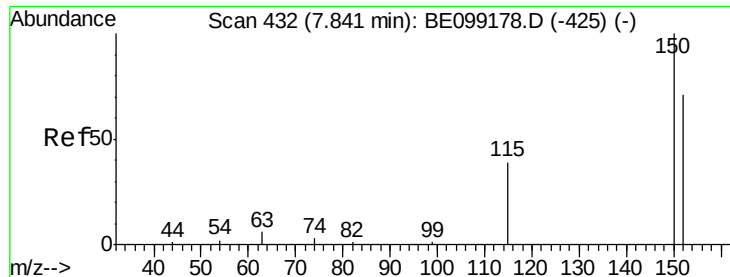
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

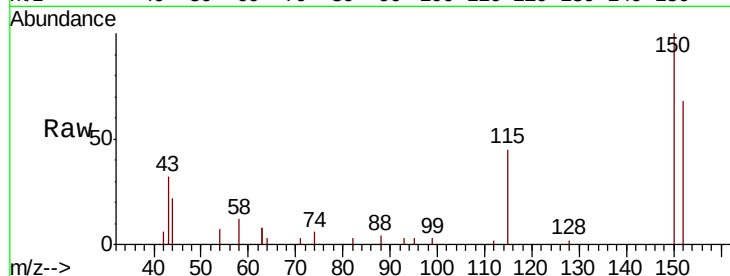
Tgt Ion: 152 Resp: 3377

Ion Ratio Lower Upper

152 100

150 147.7 112.8 169.2

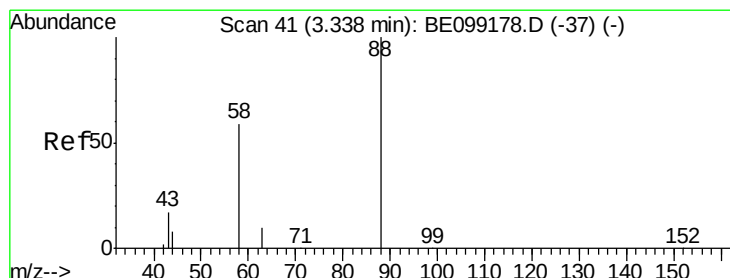
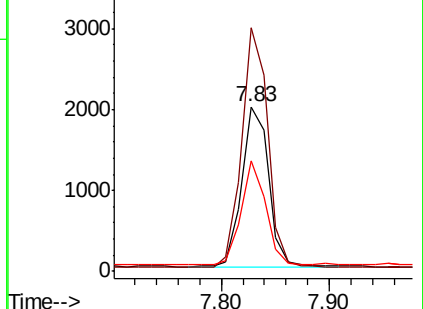
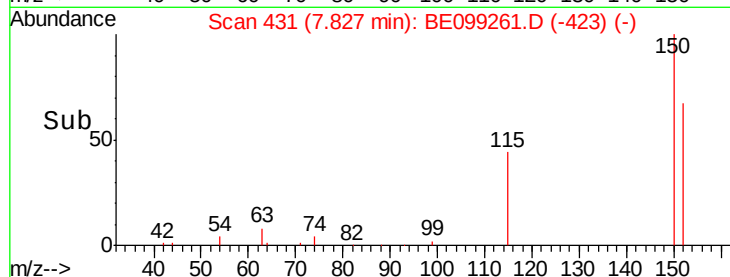
115 67.2 45.1 67.7



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: 0.055 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.02 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

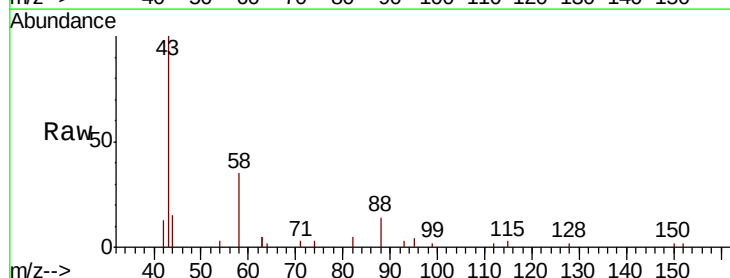
Tgt Ion: 88 Resp: 244

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

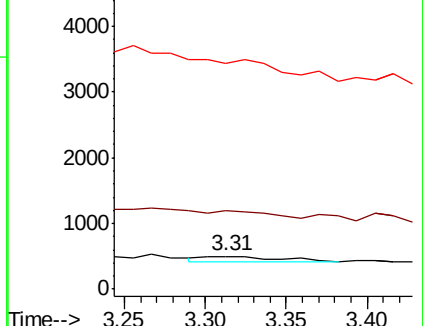
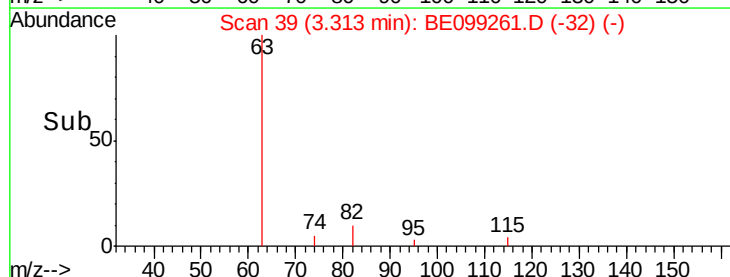
43 0.0 15.6 23.4#

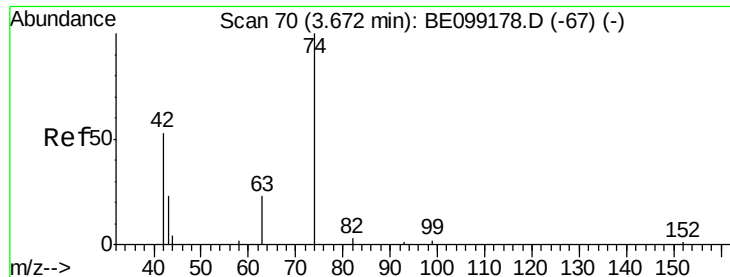


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.02 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

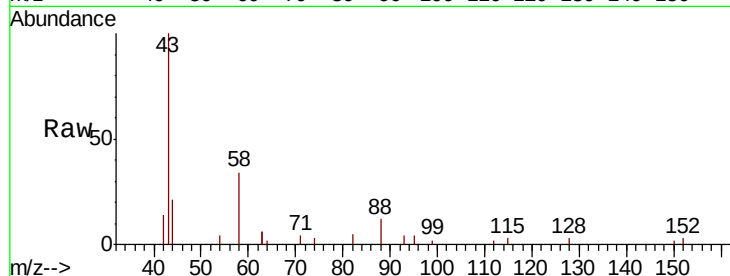
Tgt Ion: 42 Resp: 95

Ion Ratio Lower Upper

42 100

74 53.7 138.6 207.8#

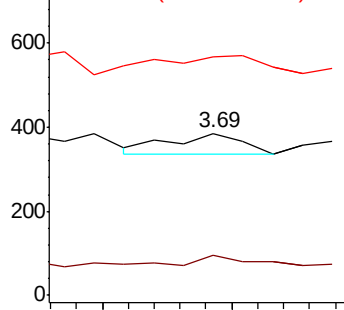
44 137.9 15.0 22.6#



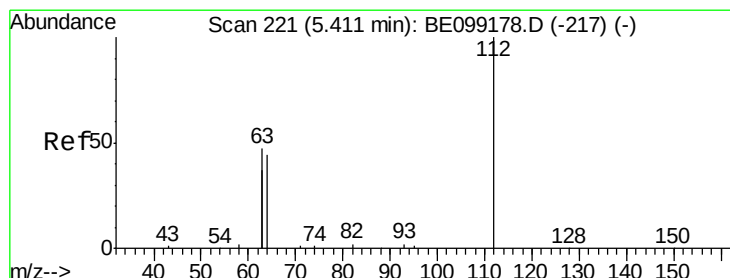
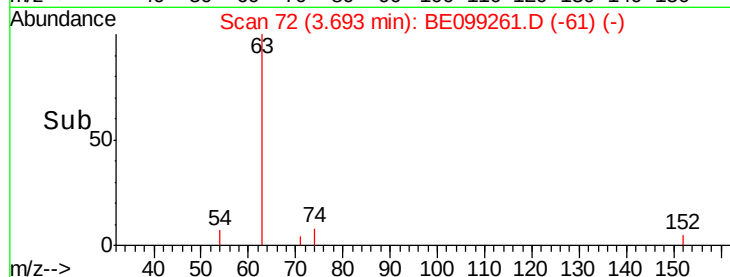
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.234 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

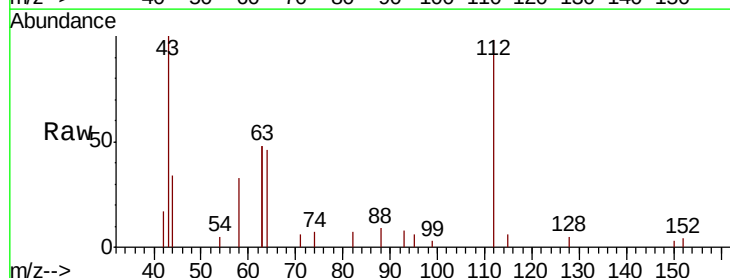
Tgt Ion: 112 Resp: 2356

Ion Ratio Lower Upper

112 100

64 58.0 46.2 69.2

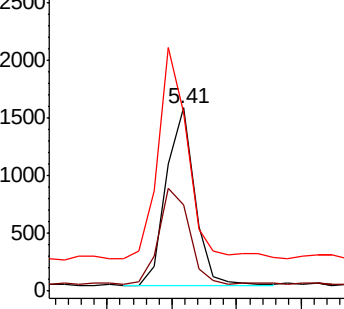
63 125.7 89.9 134.9



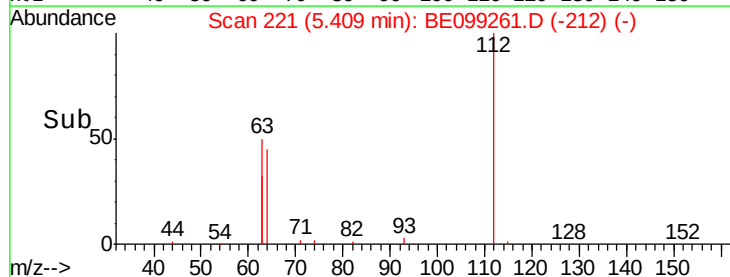
Abundance Ion 112.00 (111.70 to 112.70): E

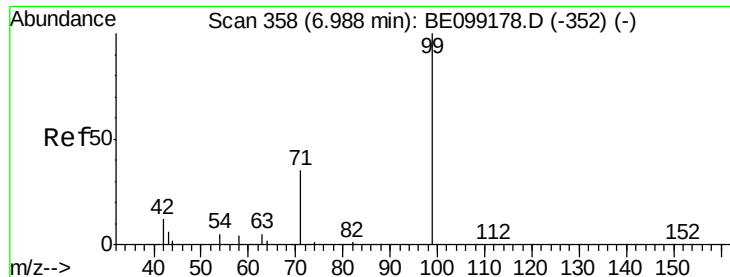
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.232 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

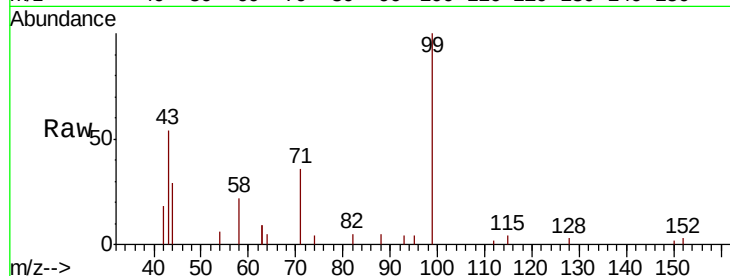
Tgt Ion: 99 Resp: 3568

Ion Ratio Lower Upper

99 100

42 17.3 12.4 18.6

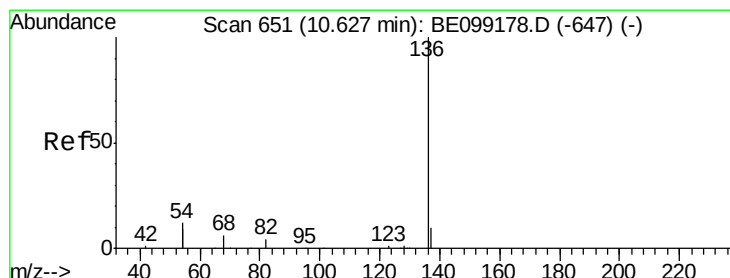
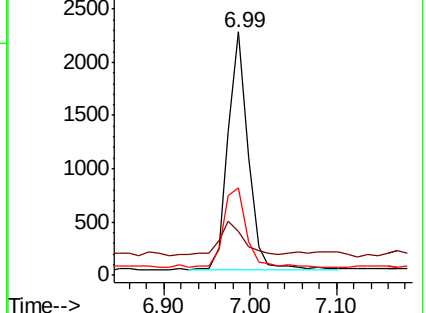
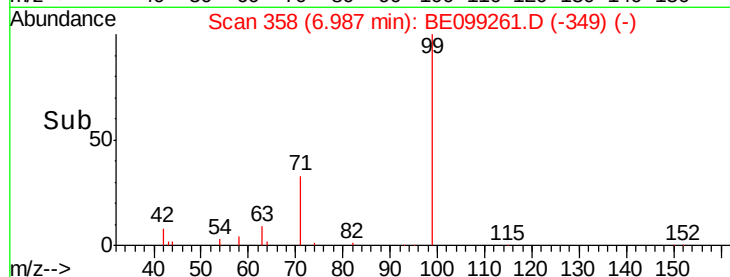
71 38.8 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Tgt Ion: 136 Resp: 14001

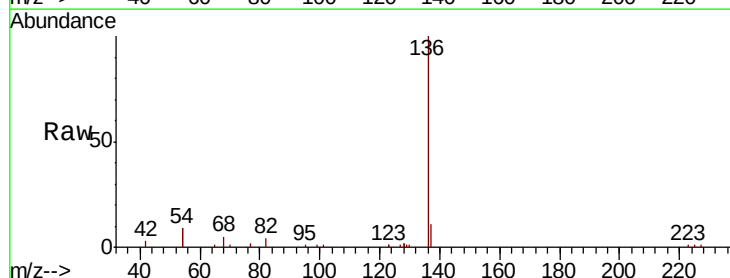
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 17.0 18.7 28.1#

68 5.0 5.2 7.8#

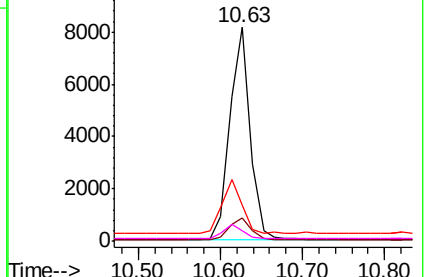
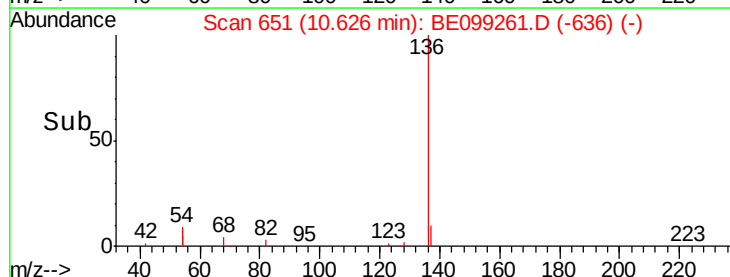


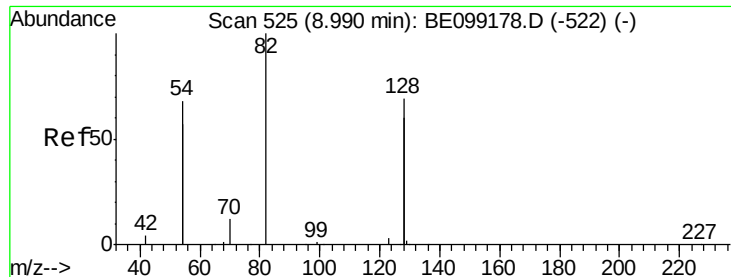
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

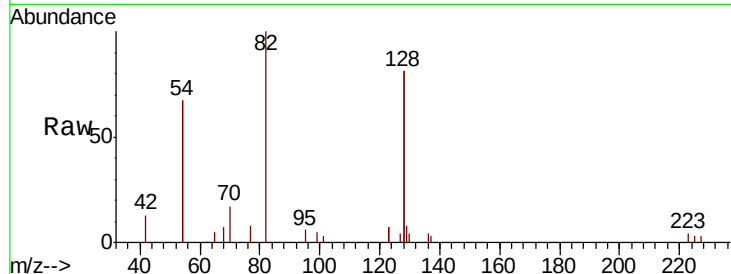




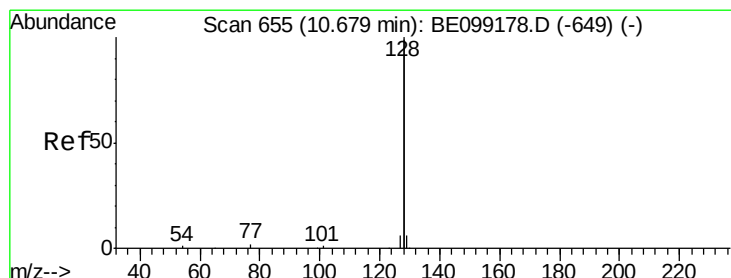
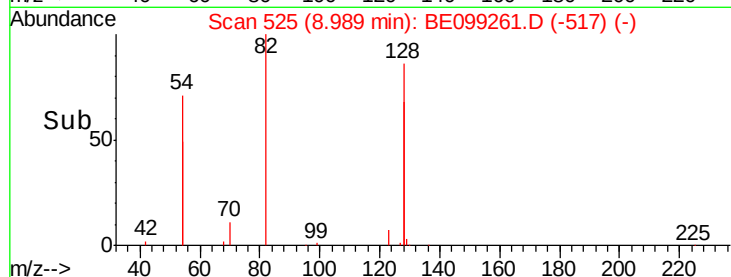
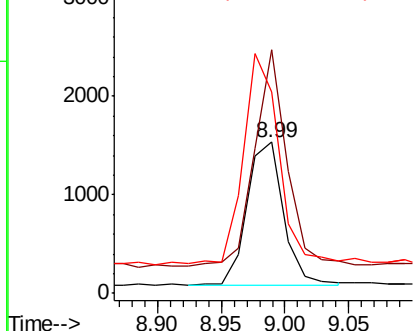
#8
 Nitrobenzene-d5
 Concen: 0.250 ng
 RT: 8.99 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BE099261.D
 Acq: 29 Mar 2019 19:00

Instrument :
 BNA_E
 ClientSampleId :
 PST-027-B110-032519

Tgt Ion	Ratio	Lower	Upper
82	100		
128	161.3	107.5	161.3
54	133.1	106.3	159.5

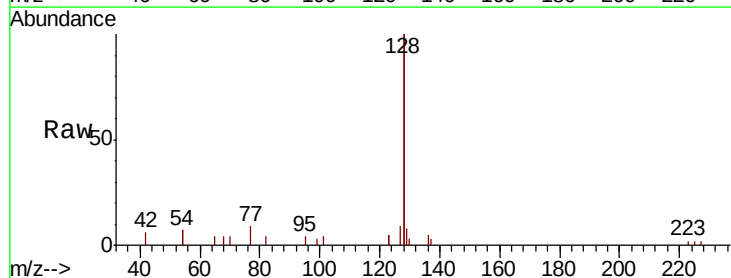


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

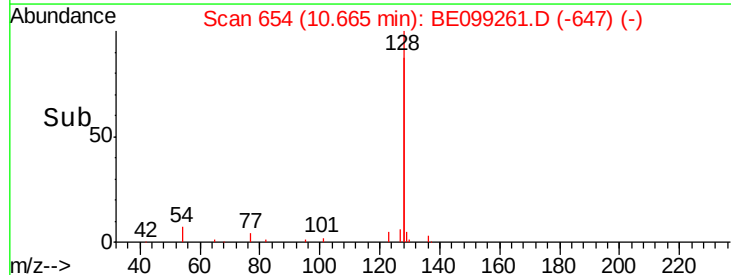
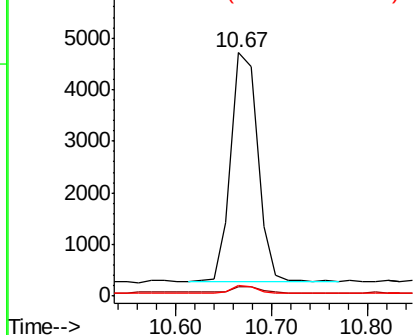


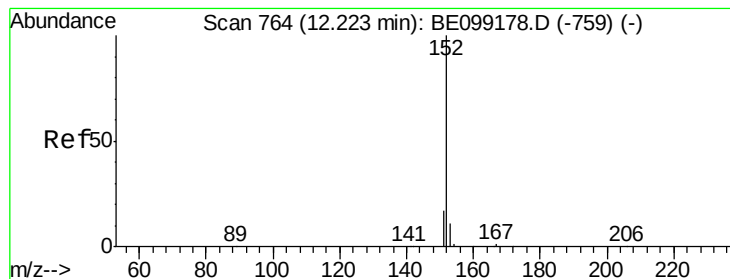
#9
 Naphthalene
 Concen: 0.053 ng
 RT: 10.67 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BE099261.D
 Acq: 29 Mar 2019 19:00

Tgt Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.3	3.5#
127	4.4	2.6	3.8#



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





#11

2-Methylnaphthalene-d10

Concen: 0.233 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

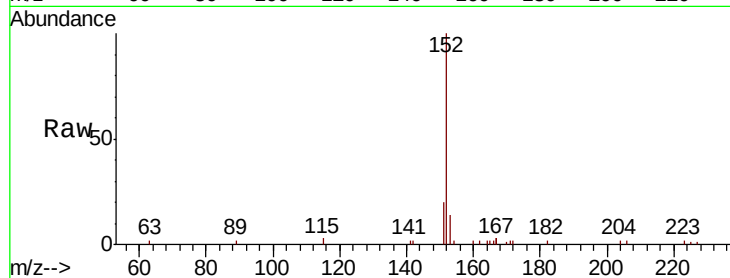
PST-027-B110-032519

Tgt Ion:152 Resp: 6292

Ion Ratio Lower Upper

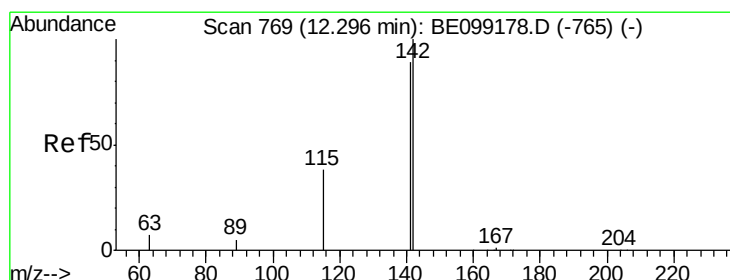
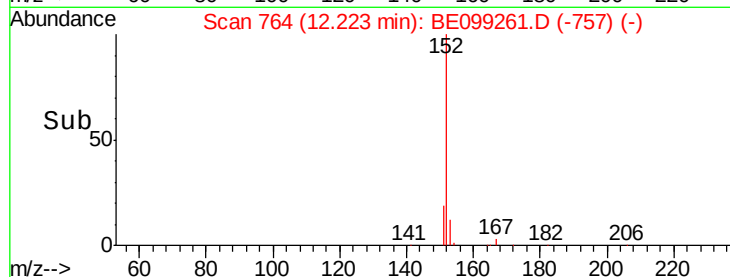
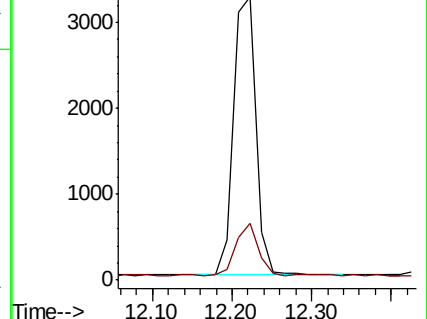
152 100

151 18.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.049 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

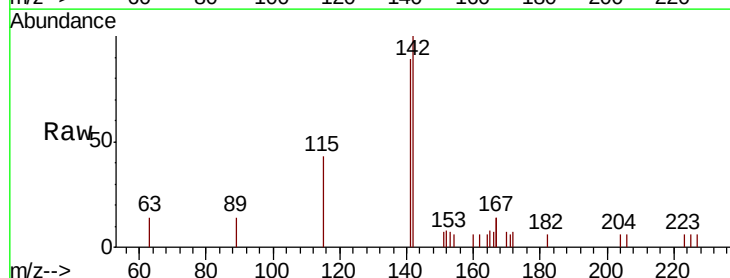
Tgt Ion:142 Resp: 1461

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

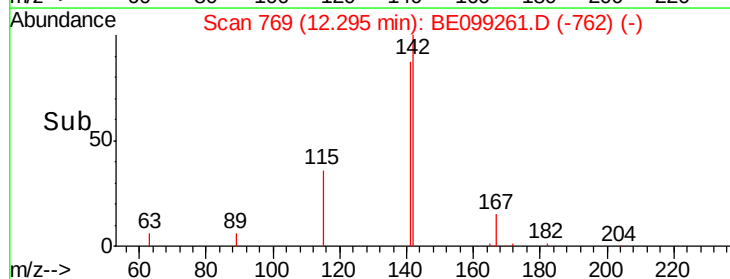
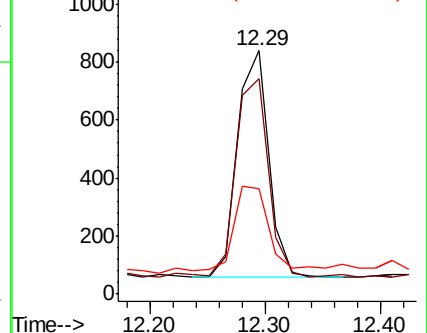
115 43.1 30.4 45.6

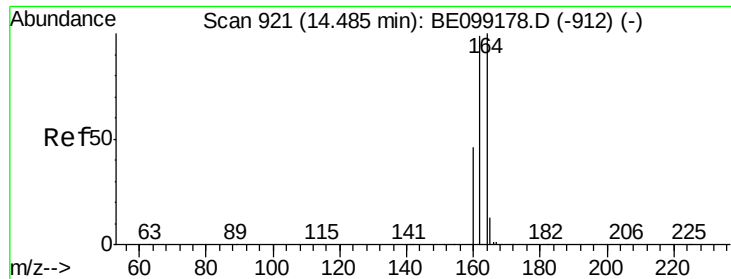


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

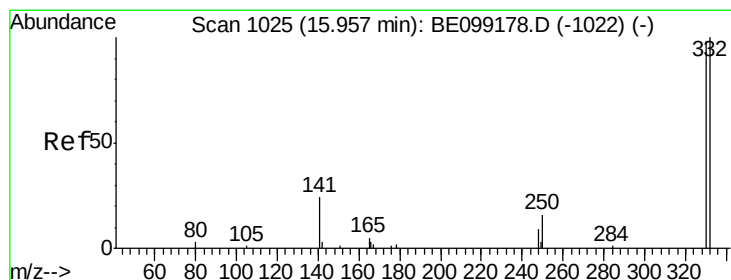
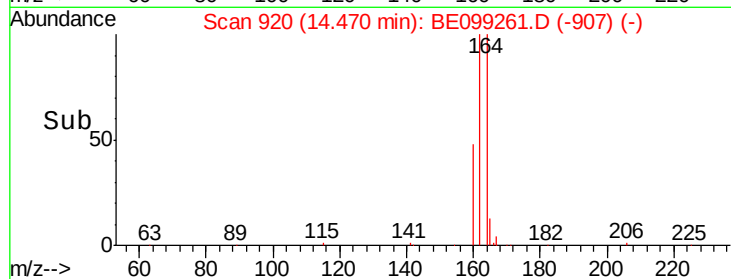
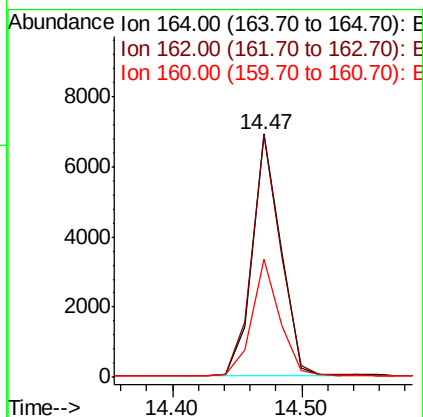
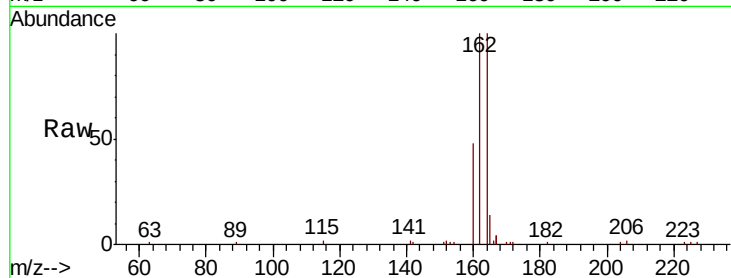




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

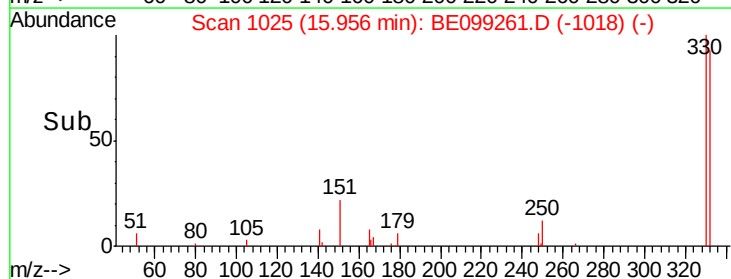
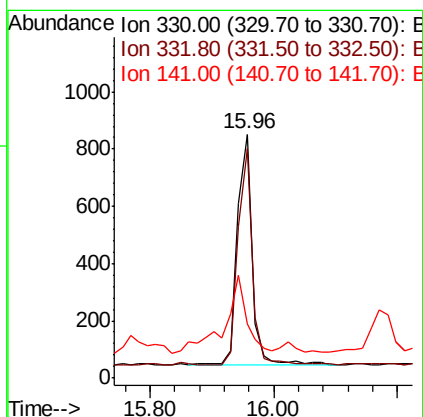
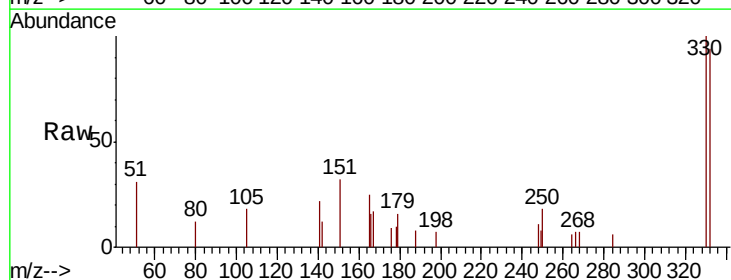
Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

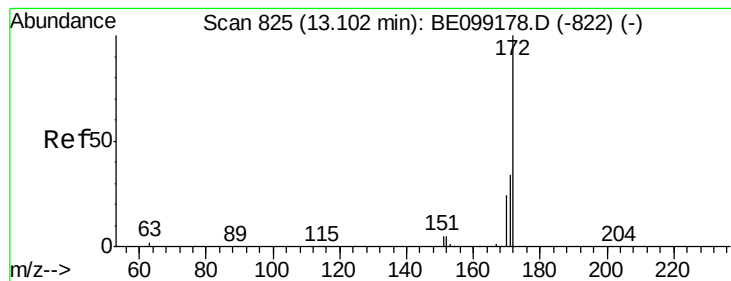
Tgt Ion:164 Resp: 10417
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 48.5 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:330 Resp: 1335
Ion Ratio Lower Upper
330 100
332 92.6 71.3 106.9
141 42.4 21.7 32.5#

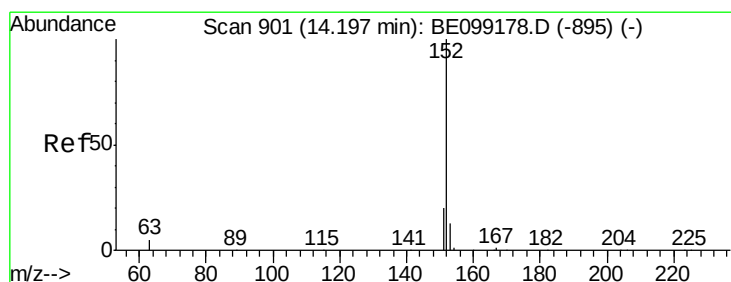
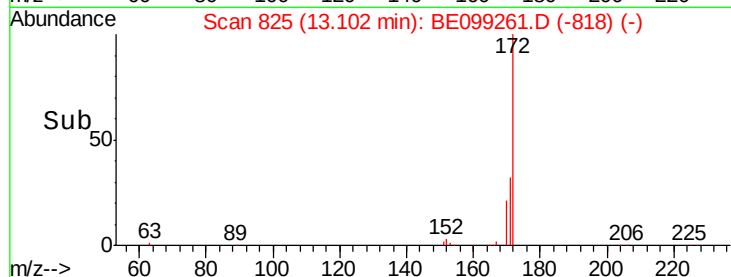
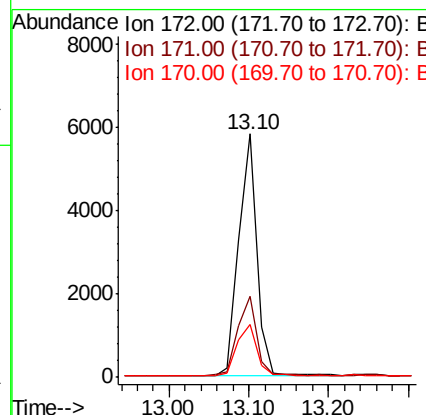
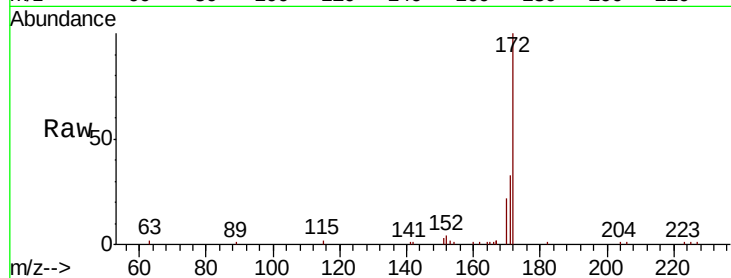




#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

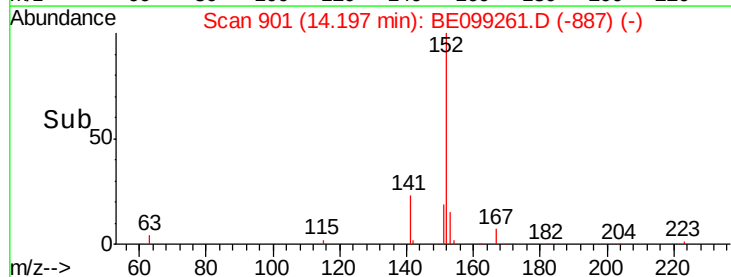
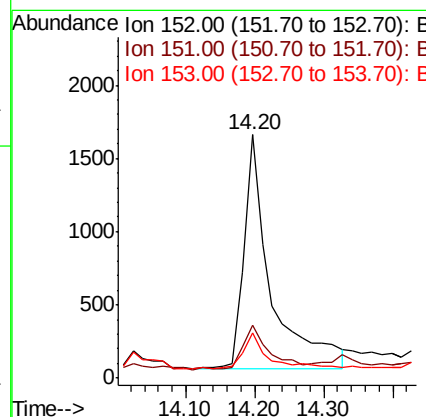
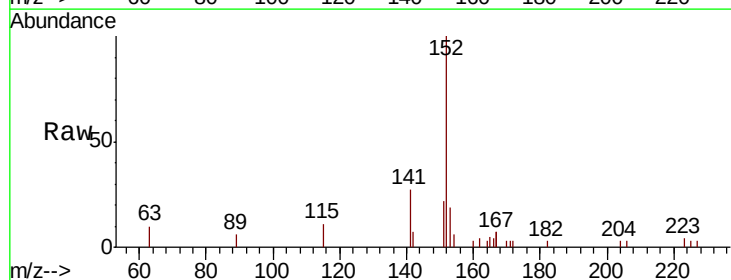
Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

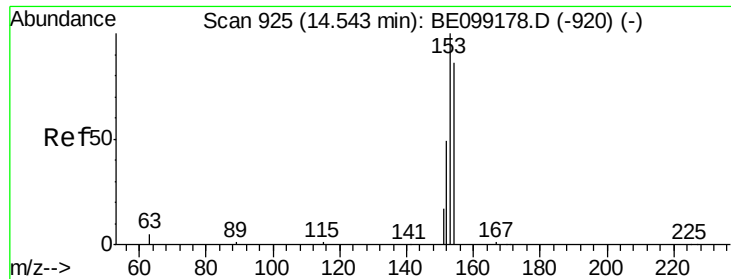
Tgt Ion:172 Resp: 9052
Ion Ratio Lower Upper
172 100
171 33.1 27.4 41.0
170 21.7 19.1 28.7



#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:152 Resp: 4352
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.9 10.6 15.8





#17

Acenaphthene

Concen: 0.210 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.02 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

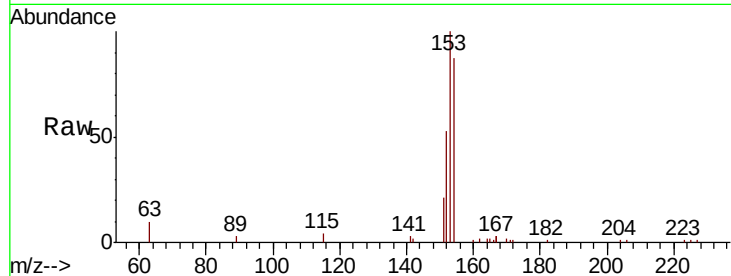
Tgt Ion:154 Resp: 6659

Ion Ratio Lower Upper

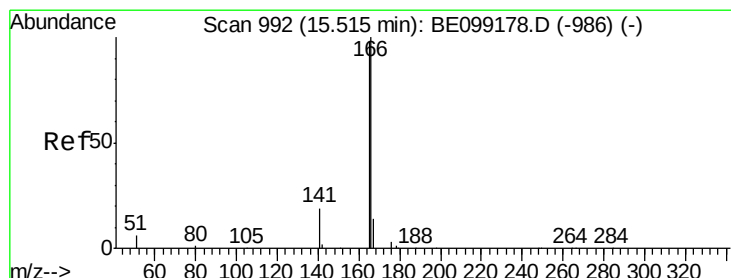
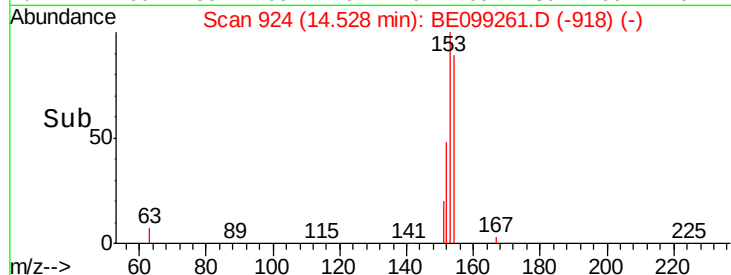
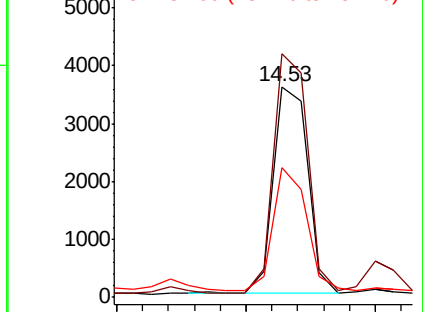
154 100

153 114.1 93.4 140.0

152 57.3 46.6 69.8



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: 0.193 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

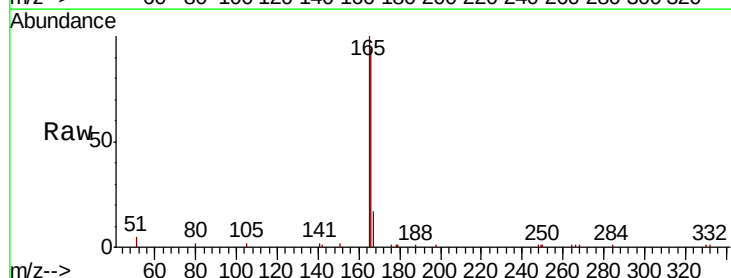
Tgt Ion:166 Resp: 8607

Ion Ratio Lower Upper

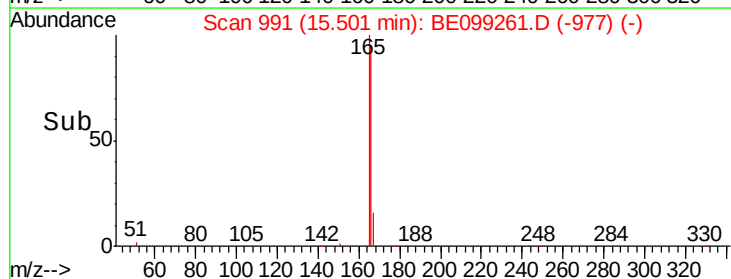
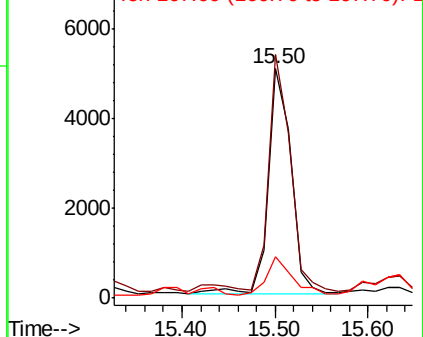
166 100

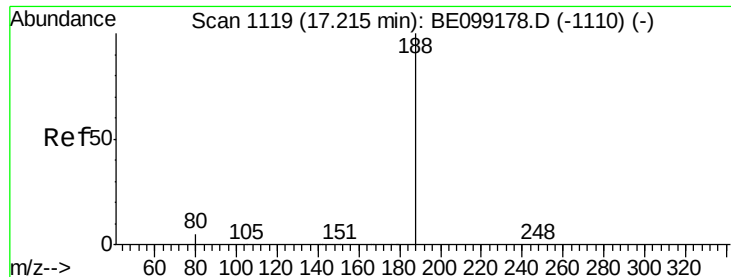
165 98.9 78.9 118.3

167 19.1 10.9 16.3#



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

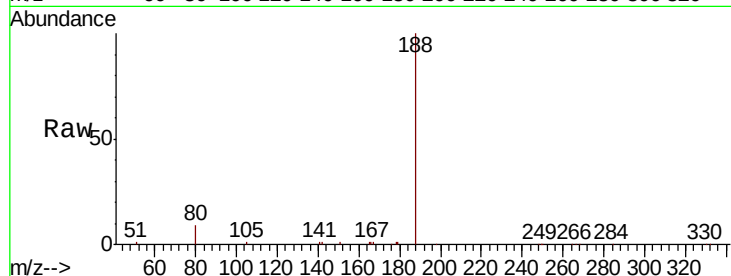
Tgt Ion:188 Resp: 31257

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

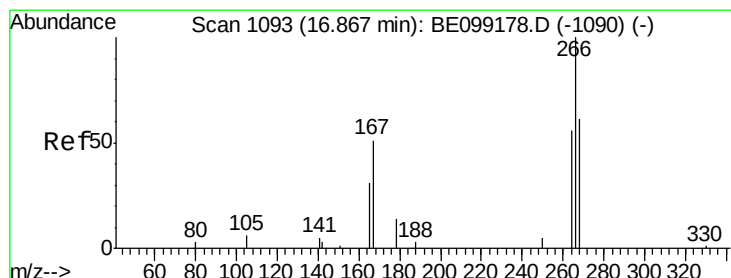
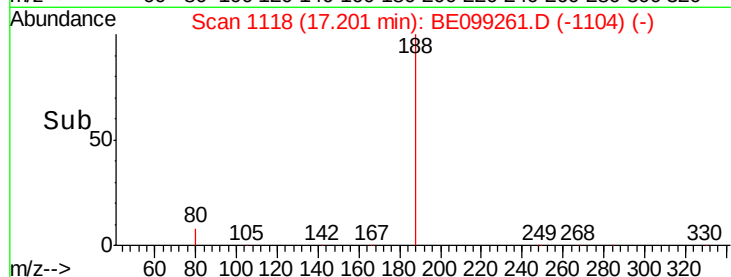
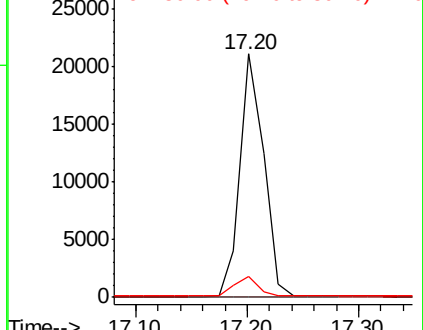
80 8.8 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.248 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

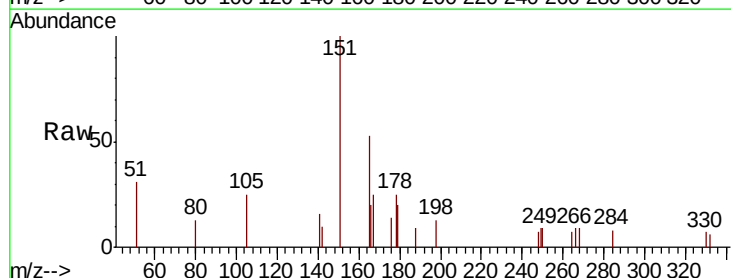
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 82.1 54.4 81.6#

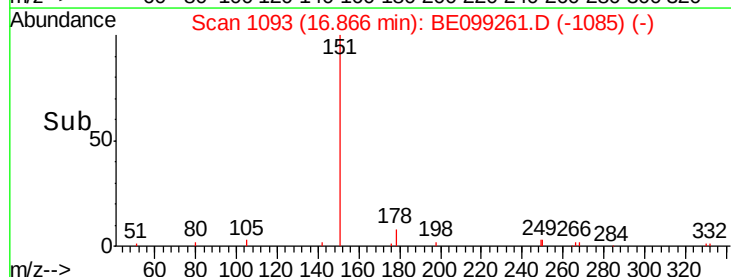
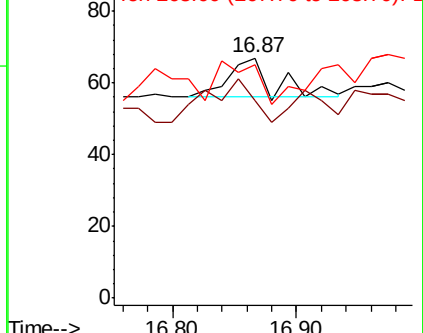
268 97.0 61.3 91.9#

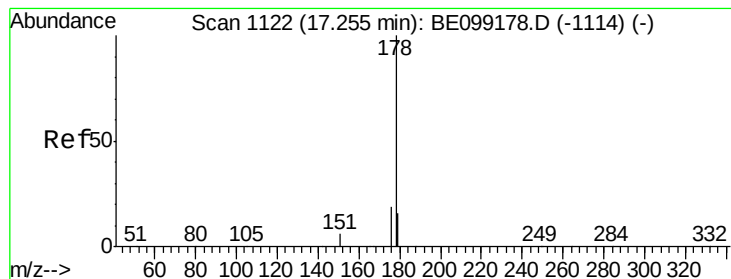


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.198 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

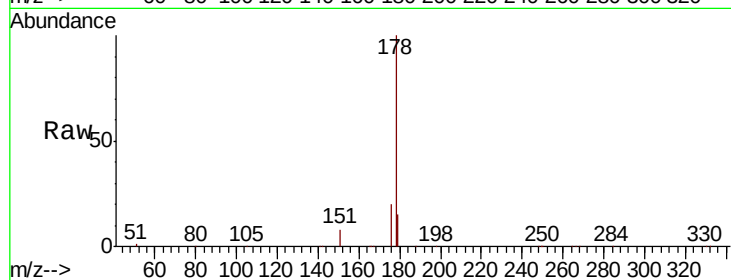
Tgt Ion:178 Resp: 201786

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

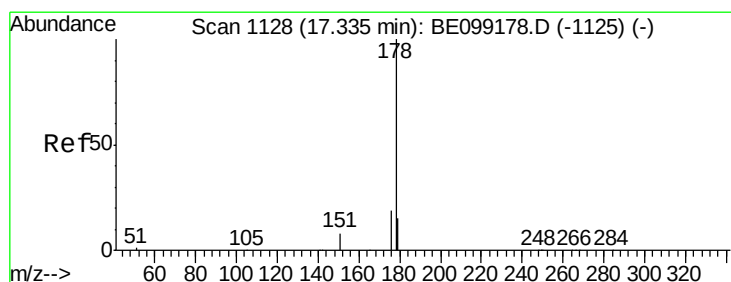
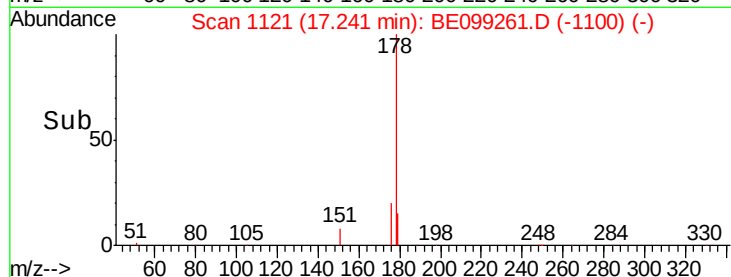
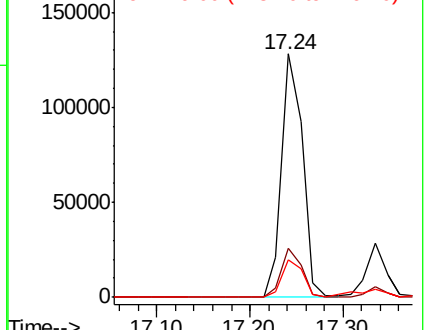
179 15.5 12.3 18.5



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: 0.468 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

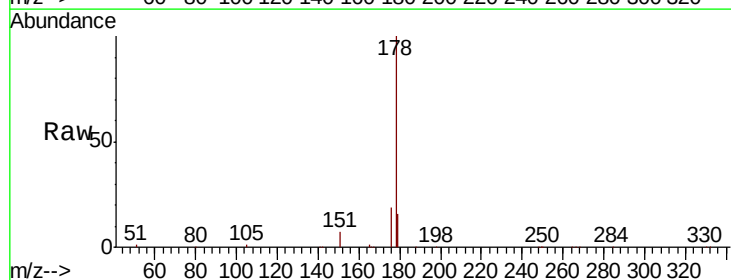
Tgt Ion:178 Resp: 38791

Ion Ratio Lower Upper

178 100

176 20.3 15.1 22.7

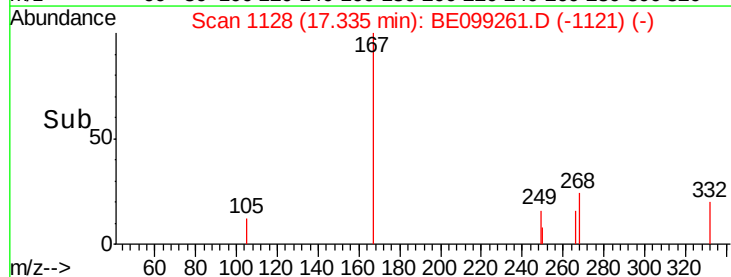
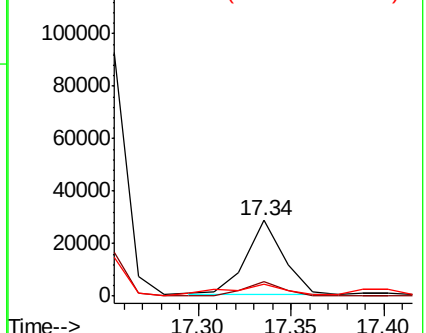
179 22.3 12.4 18.6#

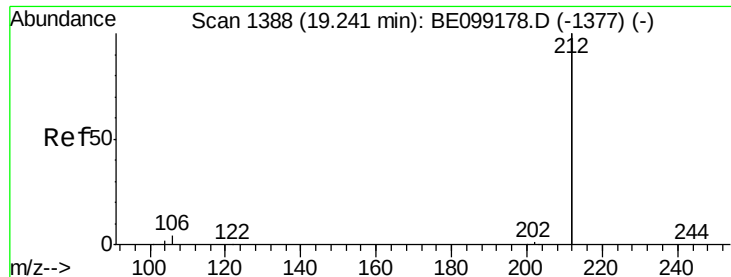


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.228 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

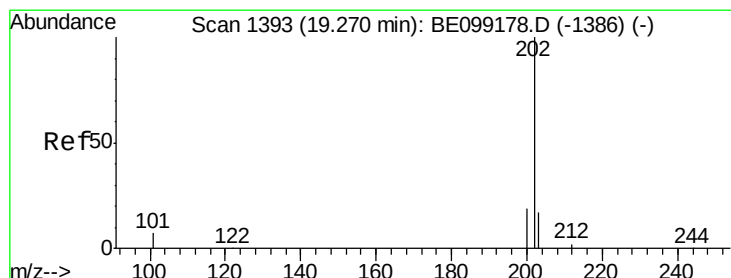
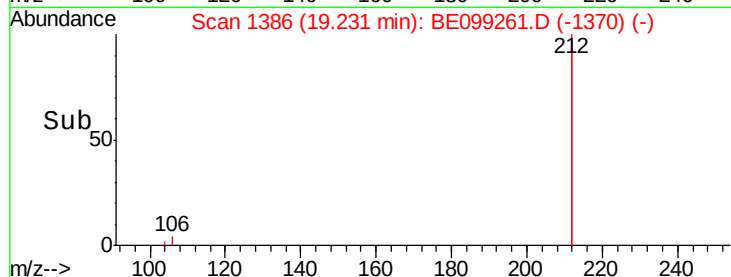
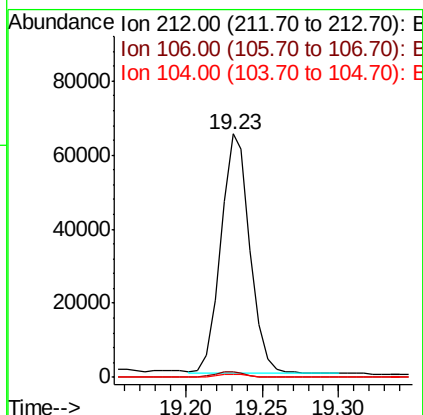
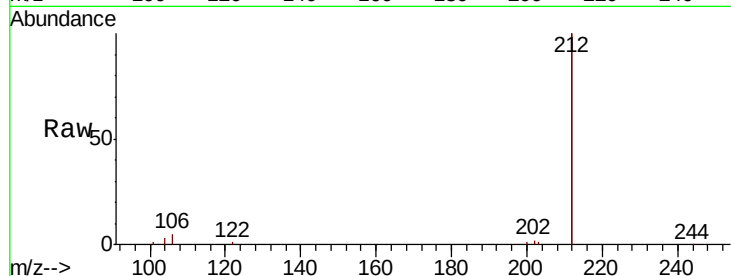
Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

Tgt Ion:	212	Resp:	86450
Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.3	1.1	1.7



#26

Fluoranthene

Concen: 3.167 ng

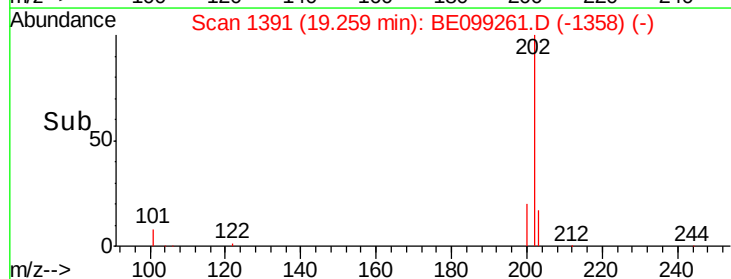
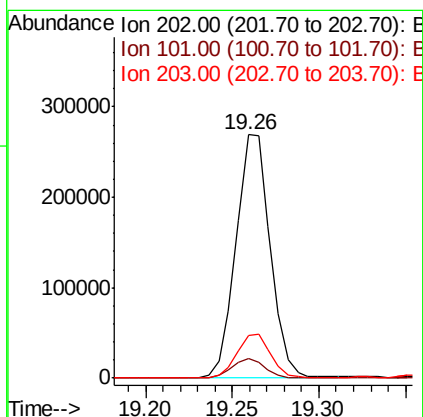
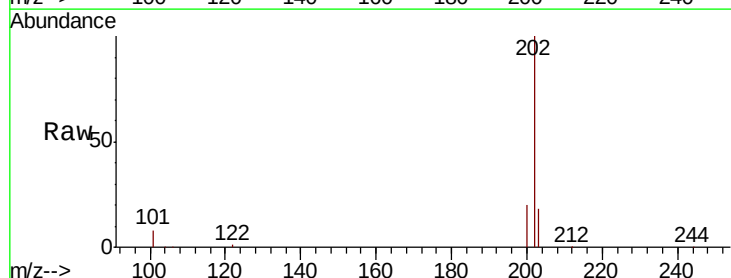
RT: 19.26 min Scan# 1391

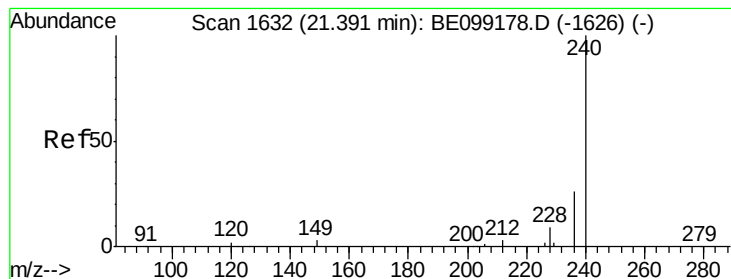
Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Tgt Ion:	202	Resp:	370954
Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	17.7	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

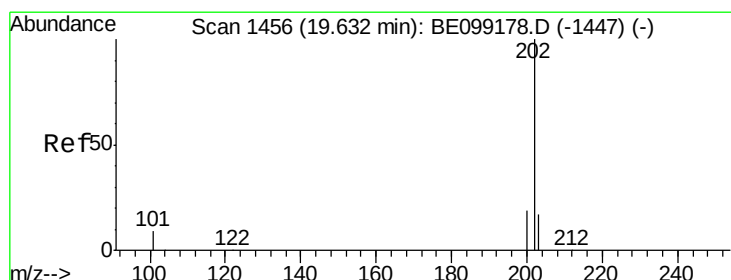
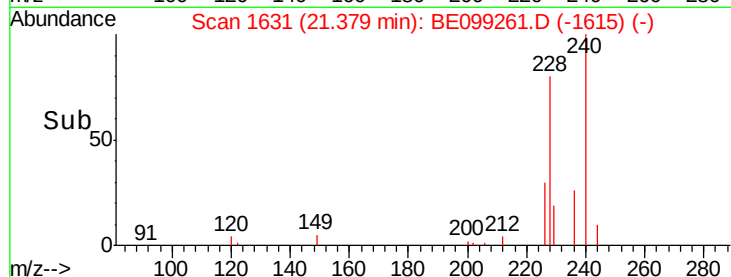
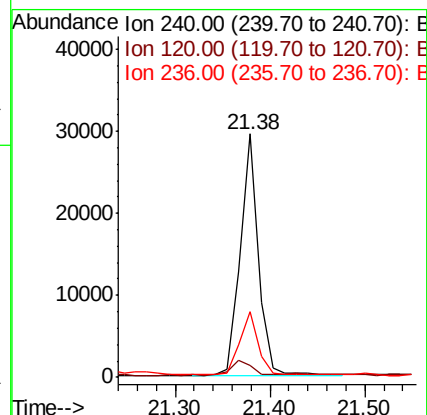
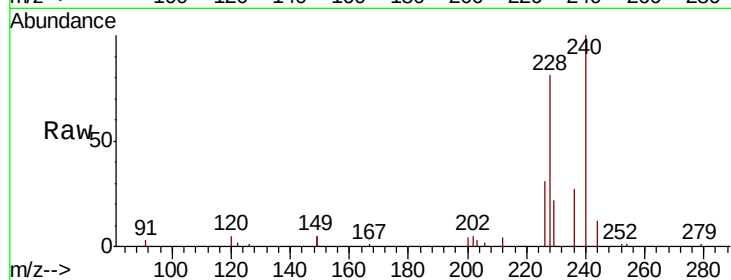
Tgt Ion:240 Resp: 38979

Ion Ratio Lower Upper

240 100

120 4.7 2.6 3.8#

236 27.2 20.9 31.3



#28

Pyrene

Concen: 2.563 ng

RT: 19.62 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

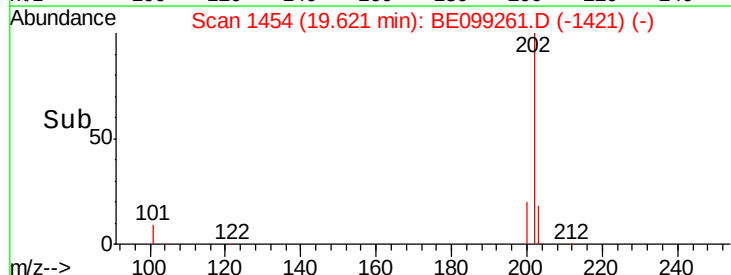
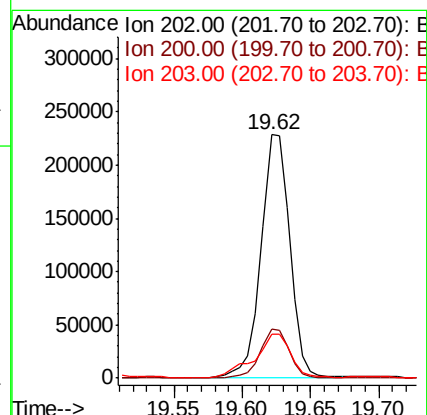
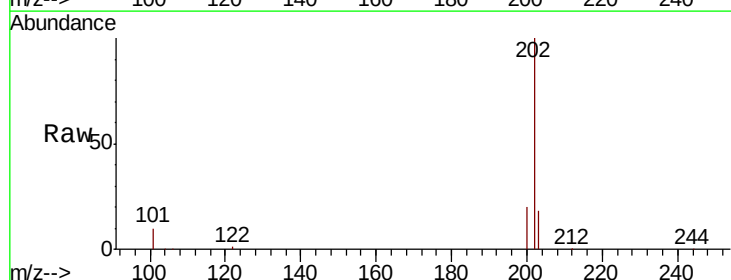
Tgt Ion:202 Resp: 331862

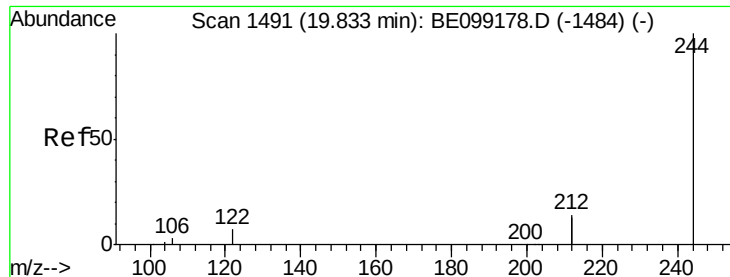
Ion Ratio Lower Upper

202 100

200 19.9 15.8 23.8

203 22.5 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.162 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

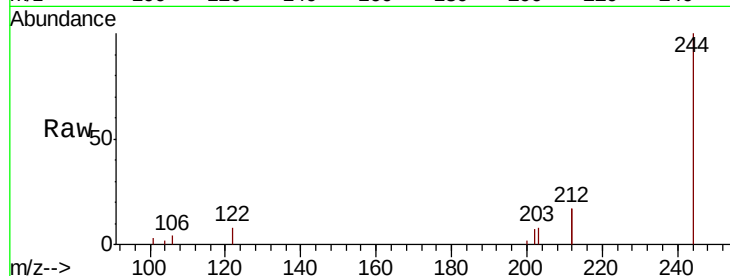
Tgt Ion:244 Resp: 13724

Ion Ratio Lower Upper

244 100

212 33.4 22.7 34.1

122 7.7 5.8 8.6

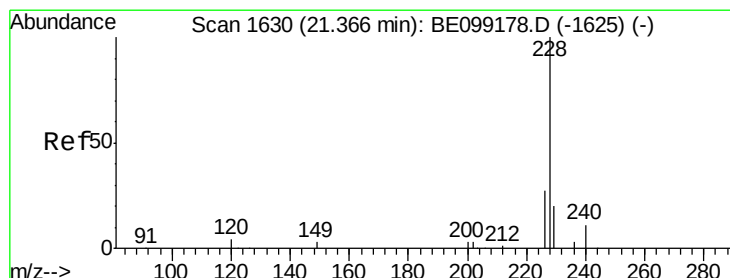
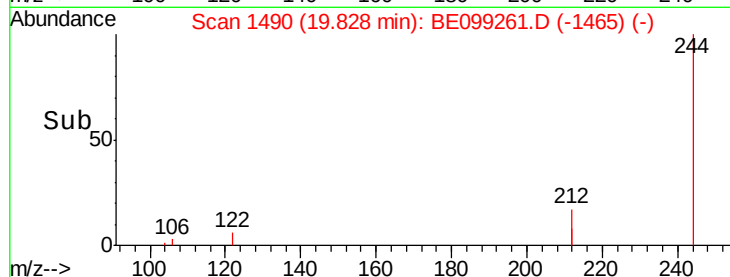
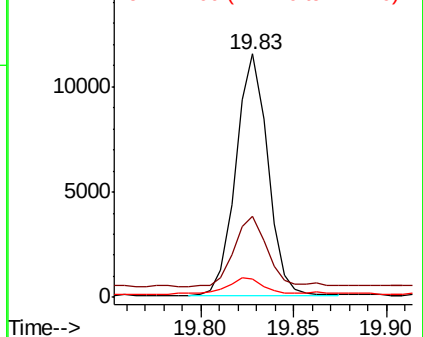


Abundance

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: 1.634 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

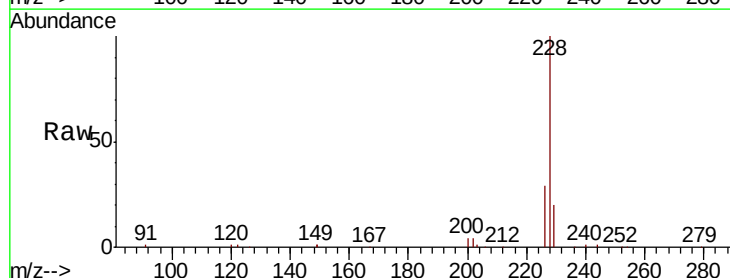
Tgt Ion:228 Resp: 210173

Ion Ratio Lower Upper

228 100

226 28.8 21.7 32.5

229 20.4 15.9 23.9

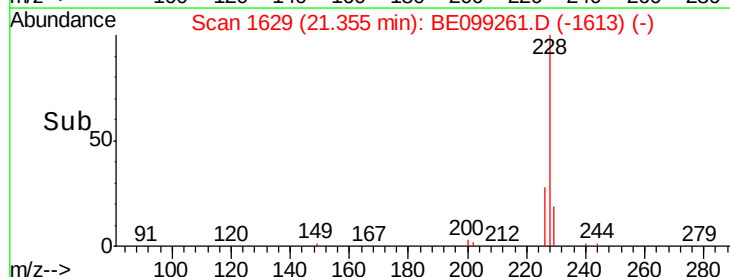
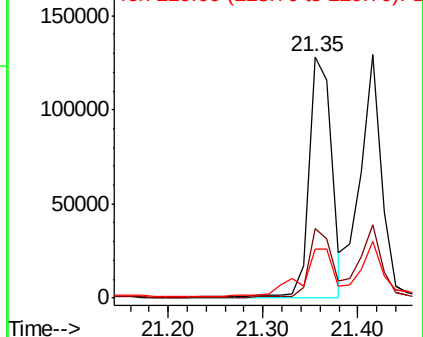


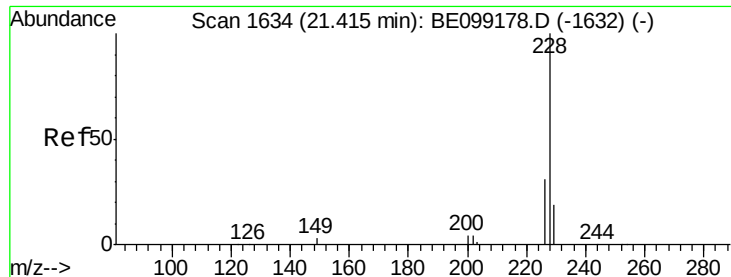
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.460 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.06 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

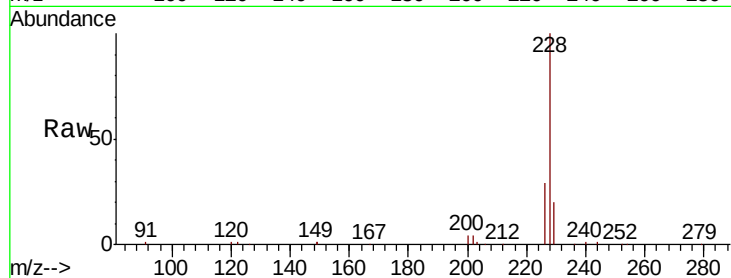
Tgt Ion: 228 Resp: 200747

Ion Ratio Lower Upper

228 100

226 28.8 24.8 37.2

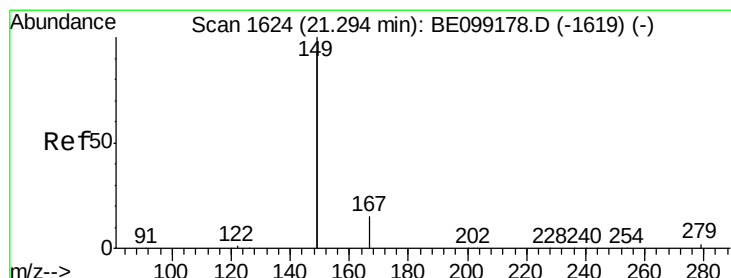
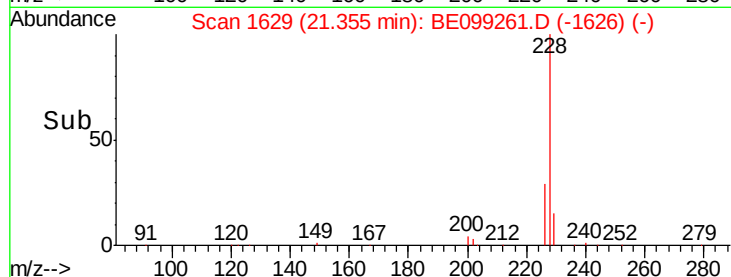
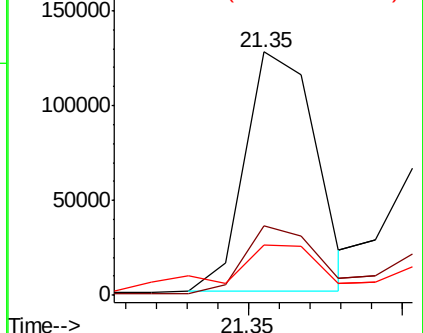
229 20.4 15.4 23.0



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: 0.150 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

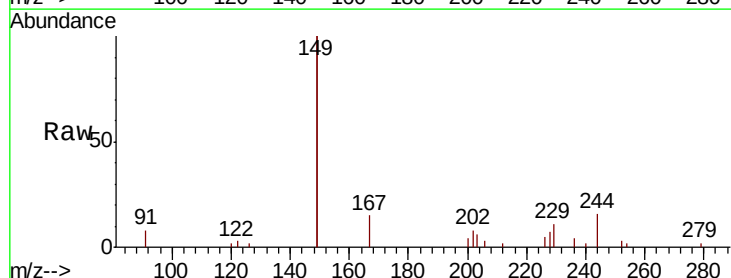
Tgt Ion: 149 Resp: 22957

Ion Ratio Lower Upper

149 100

167 8.2 5.9 8.9

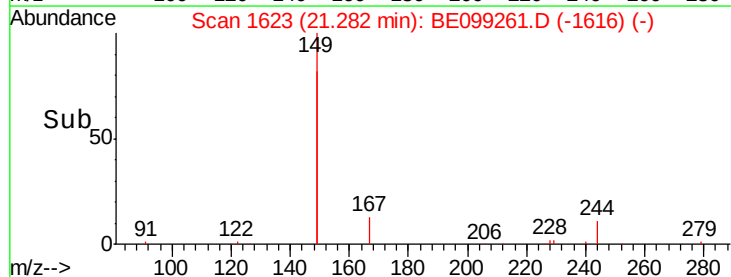
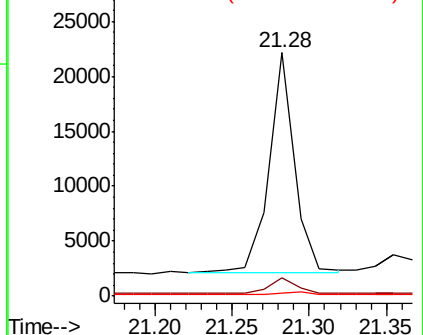
279 1.5 1.0 1.6

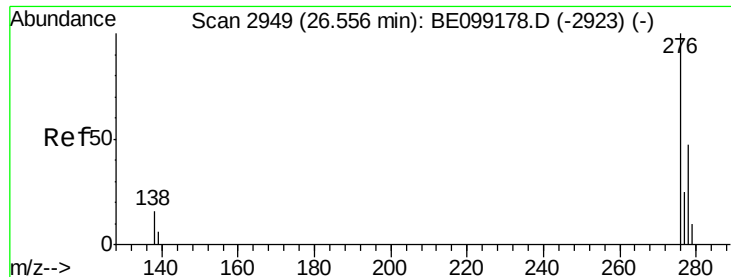


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.623 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.02 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

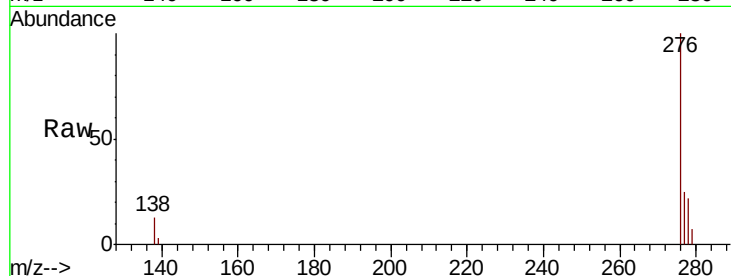
Tgt Ion:276 Resp: 80986

Ion Ratio Lower Upper

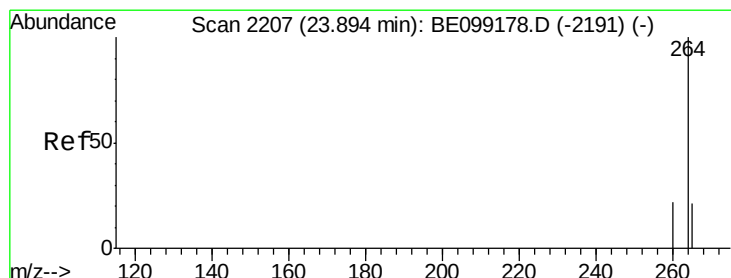
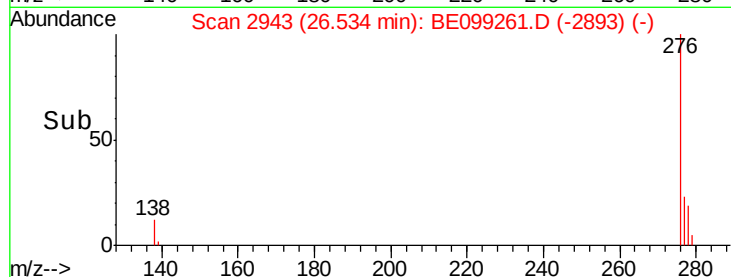
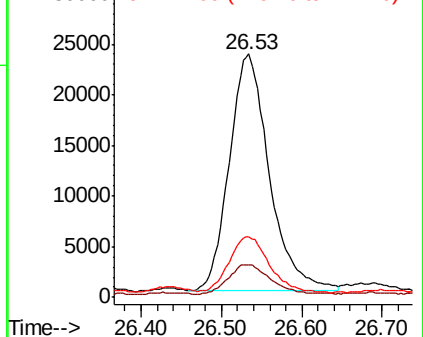
276 100

138 12.8 12.9 19.3#

277 23.7 18.3 27.5



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: 23.89 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

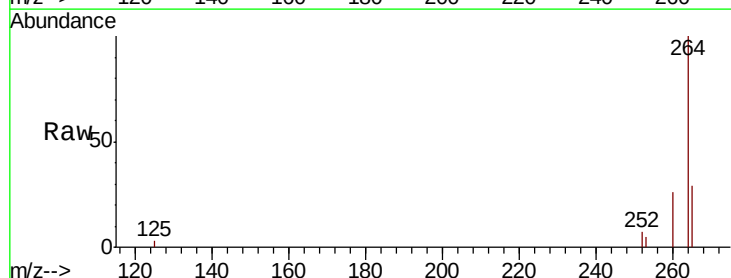
Tgt Ion:264 Resp: 38793

Ion Ratio Lower Upper

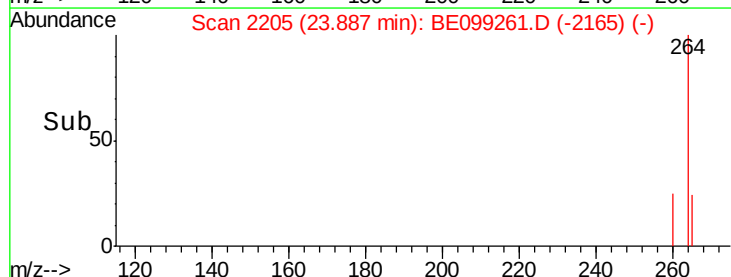
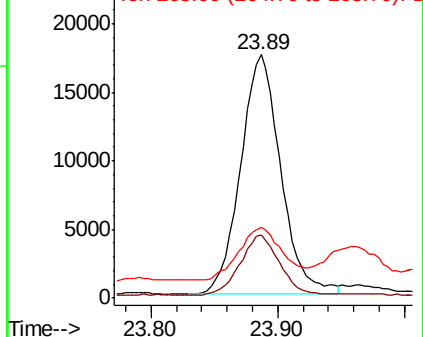
264 100

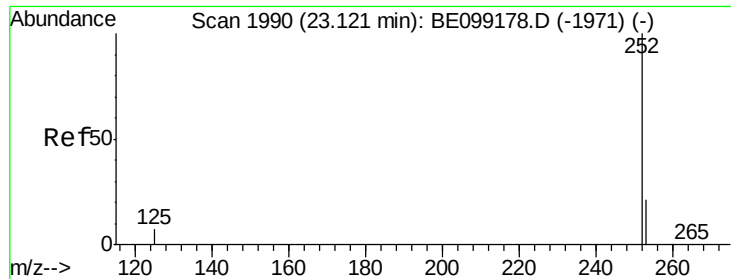
260 26.0 18.2 27.2

265 28.9 21.8 32.8



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: 1.545 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

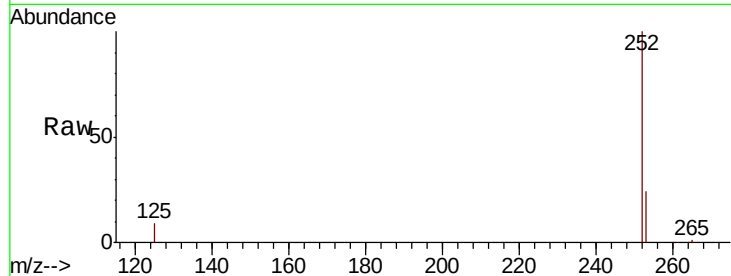
Tgt Ion:252 Resp: 197190

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

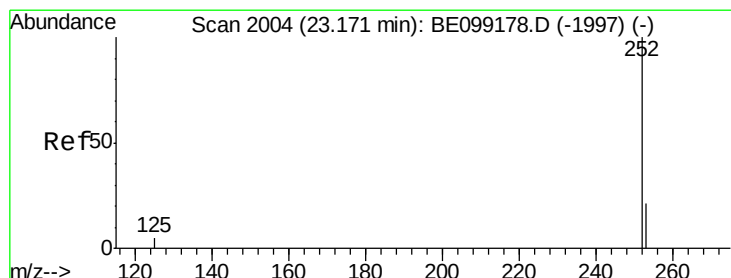
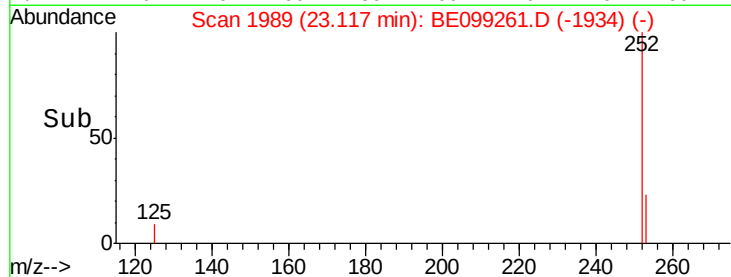
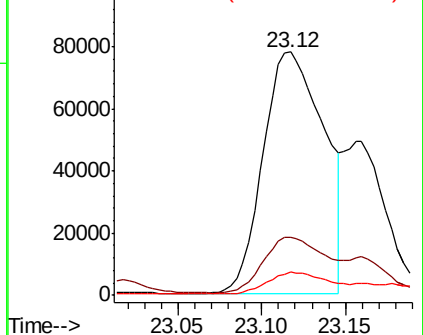
125 9.4 6.1 9.1#



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: 1.462 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

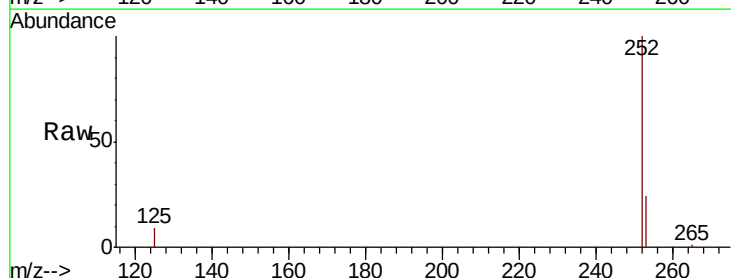
Tgt Ion:252 Resp: 197309

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

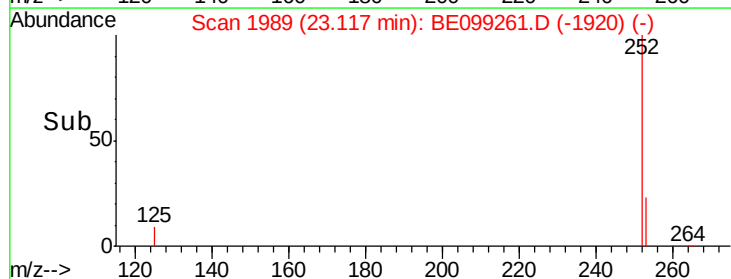
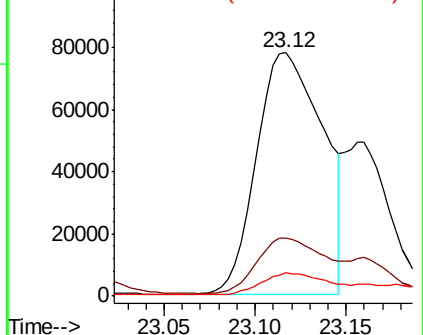
125 9.4 5.9 8.9#

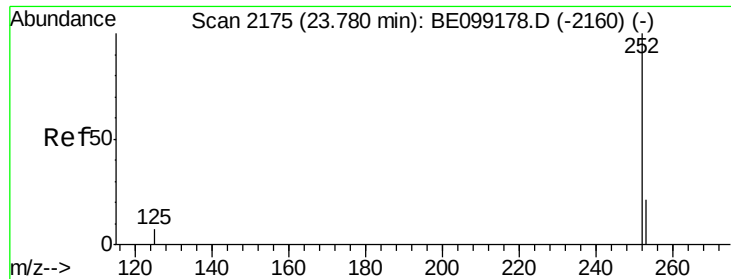


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.238 ng

RT: 23.77 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519

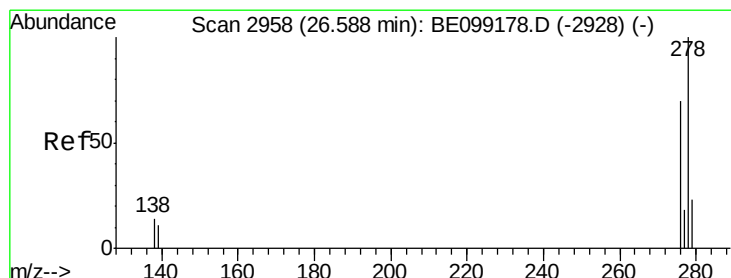
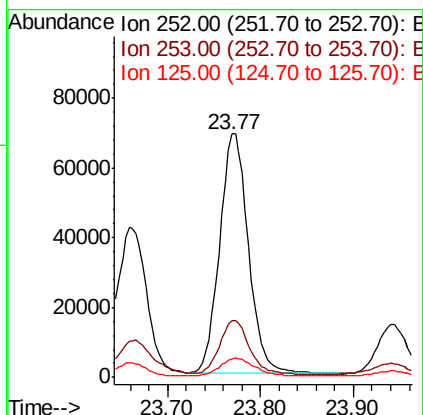
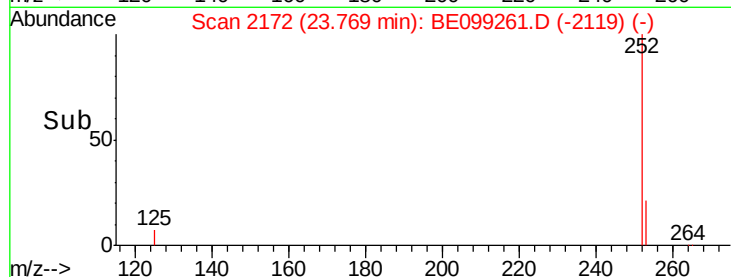
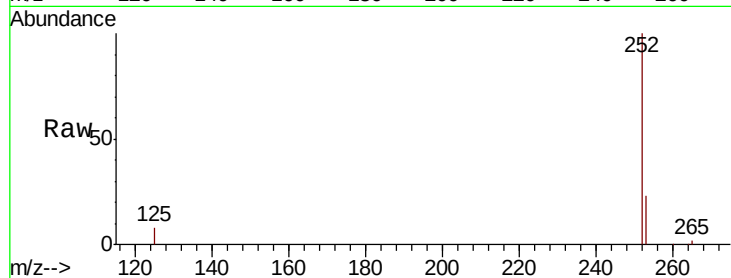
Tgt Ion: 252 Resp: 147533

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

125 7.7 6.8 10.2



#38

Dibenzo(a,h)anthracene

Concen: 0.220 ng

RT: 26.55 min Scan# 2947

Delta R.T. -0.04 min

Lab File: BE099261.D

Acq: 29 Mar 2019 19:00

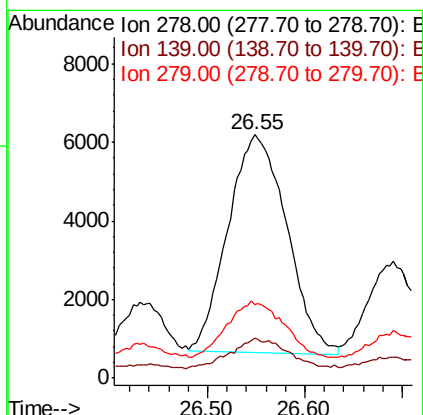
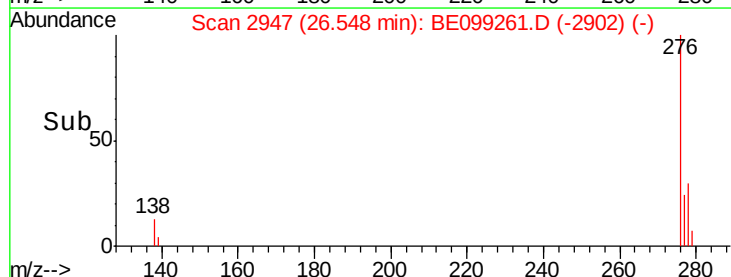
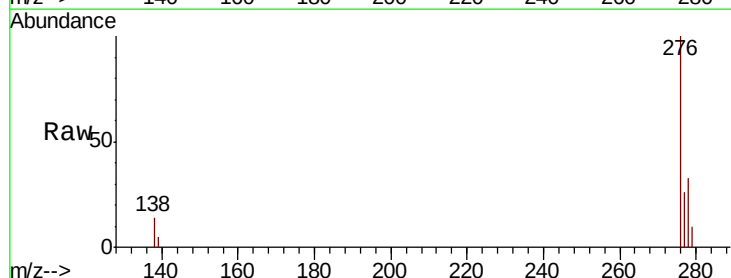
Tgt Ion: 278 Resp: 23288

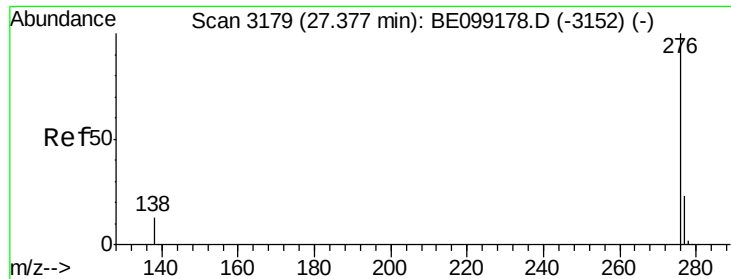
Ion Ratio Lower Upper

278 100

139 16.3 9.5 14.3#

279 30.3 19.1 28.7#





#39

Benzo(g,h,i)perylene

Concen: 0.694 ng

RT: 27.35 min Scan# 3173

Delta R.T. -0.02 min

Lab File: BE099261.D

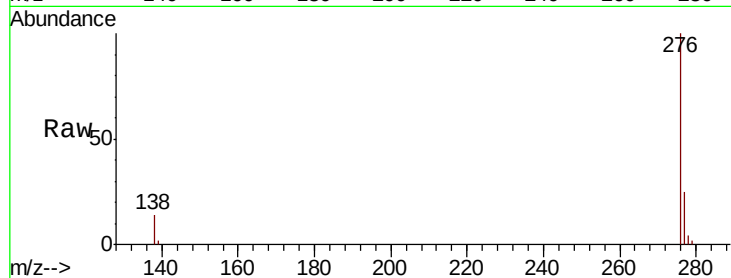
Acq: 29 Mar 2019 19:00

Instrument :

BNA_E

ClientSampleId :

PST-027-B110-032519



Tgt Ion: 276 Resp: 73708

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 14.2 11.1 16.7

