

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
 Data File : BE099516.D
 Acq On : 3 May 2019 5:32
 Operator : JU/SJ
 Sample : K2587-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-004-SW092-042319

Quant Time: May 03 07:50:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2453	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	8657	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6640	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	21143	0.40	ng	0.00
27) Chrysene-d12	21.37	240	26518	0.40	ng	0.00
34) Perylene-d12	23.87	264	30186	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1965	0.29	ng	0.00
5) Phenol-d6	6.96	99	2619	0.29	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2146	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	3988	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1343	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	5942	0.23	ng	-0.01
25) Fluoranthene-d10	19.22	212	63987	0.22	ng	0.00
29) Terphenyl-d14	19.82	244	13172	0.27	ng	0.00

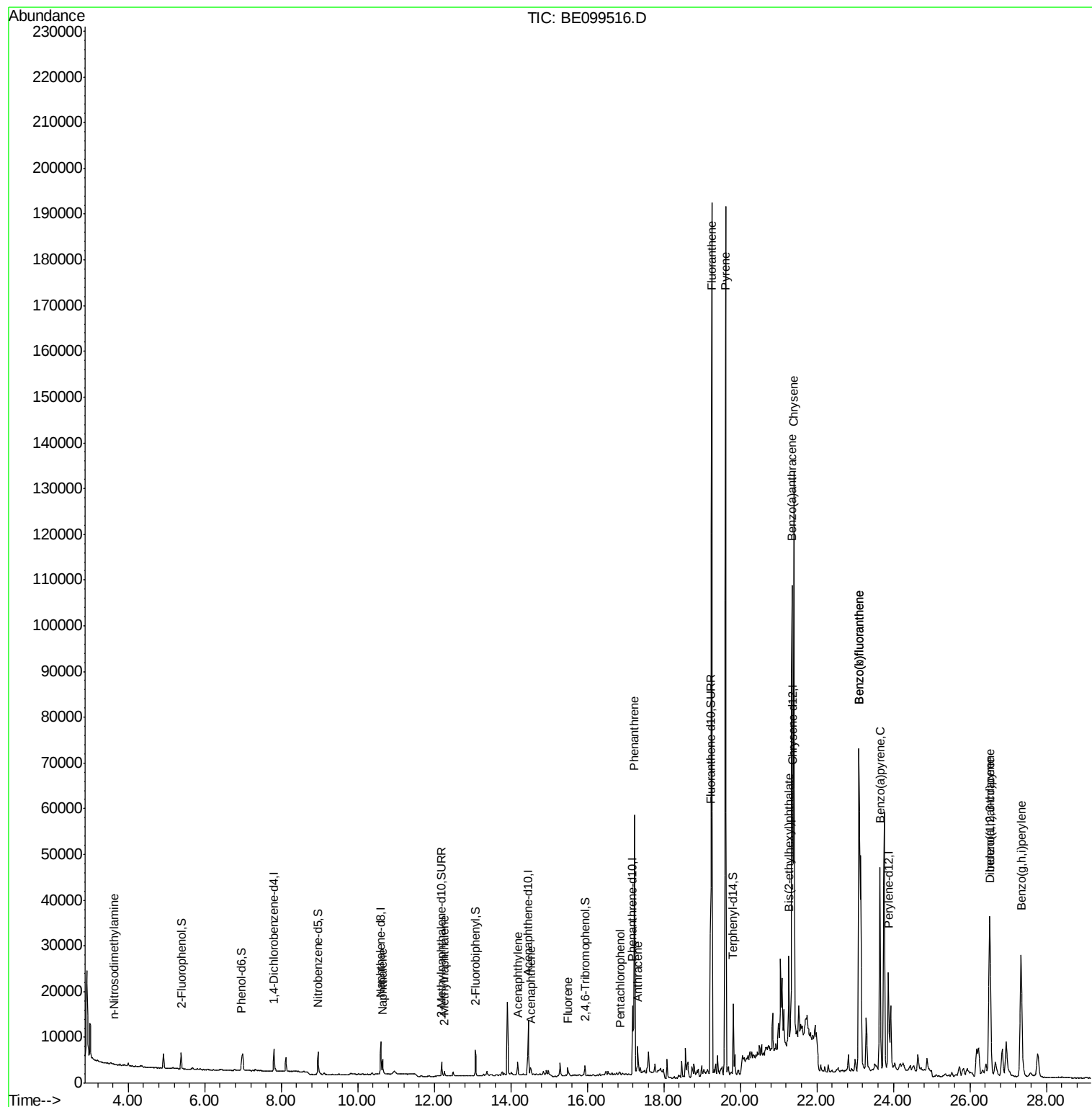
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.63	42	76	0.037	ng	# 1
9) Naphthalene	10.65	128	5158	0.055	ng	# 97
12) 2-Methylnaphthalene	12.27	142	794	0.048	ng	# 91
16) Acenaphthylene	14.18	152	4090	0.126	ng	97
17) Acenaphthene	14.51	154	834	0.045	ng	98
18) Fluorene	15.49	166	1498	0.055	ng	# 89
22) Pentachlorophenol	16.85	266	39	0.222	ng	# 76
23) Phenanthrene	17.23	178	64193	1.177	ng	99
24) Anthracene	17.32	178	5670	0.109	ng	# 86
26) Fluoranthene	19.25	202	180873	2.213	ng	100
28) Pvrene	19.61	202	176398	2.552	ng	96
30) Benzo(a)anthracene	21.35	228	91347	1.081	ng	96
31) Chrysene	21.40	228	118066	1.428	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	20243	0.098	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.52	276	70658	0.723	ng	97
35) Benzo(b)fluoranthene	23.10	252	141281	1.623	ng	99
36) Benzo(k)fluoranthene	23.10	252	141281	1.683	ng	100
37) Benzo(a)pyrene	23.65	252	69750	0.848	ng	99
38) Dibenzo(a,h)anthracene	26.53	278	17512	0.208	ng	# 90
39) Benzo(g,h,i)perylene	27.34	276	69471	0.824	ng	99

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

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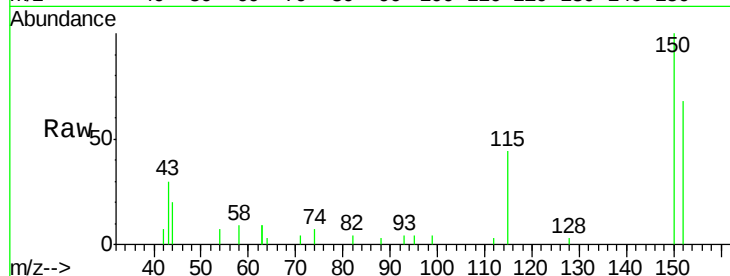


#1

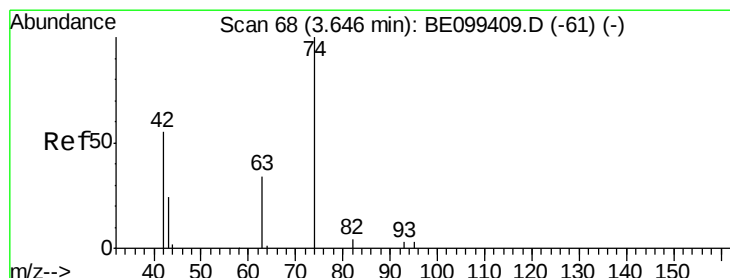
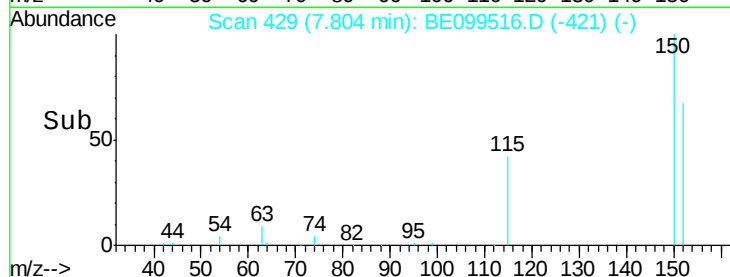
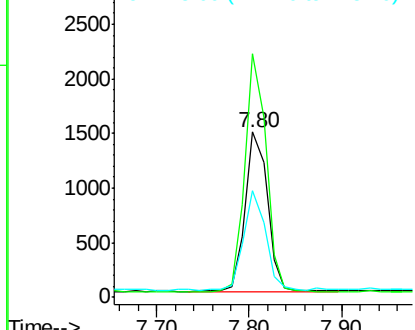
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099516.D
Acq: 3 May 2019 5:32

Instrument :
BNA_E
ClientSampleId :
PST-004-SW092-042319

Tot Ion:152 Resp: 2453
Ion Ratio Lower Upper
152 100
150 147.3 104.8 157.2
115 64.3 46.6 69.8



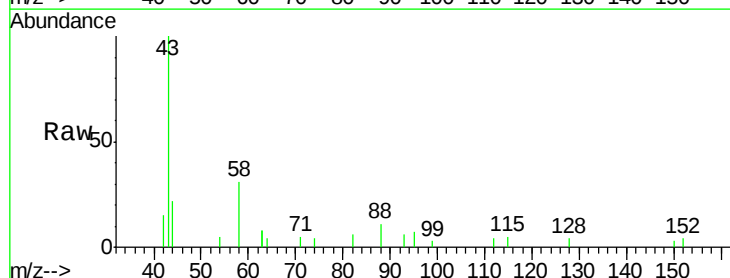
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



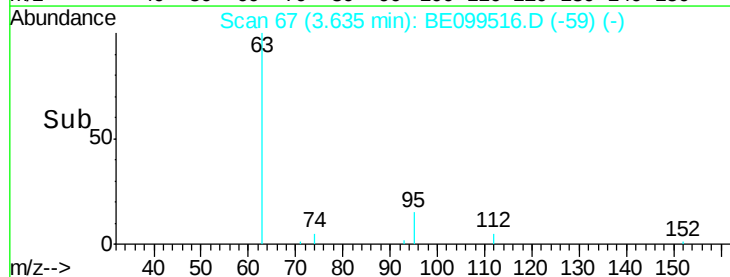
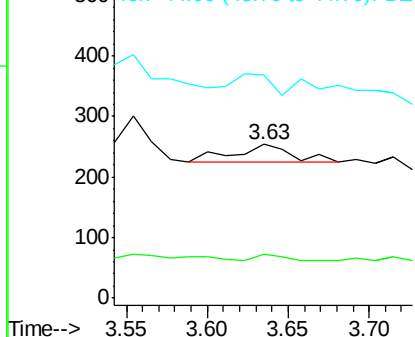
#3

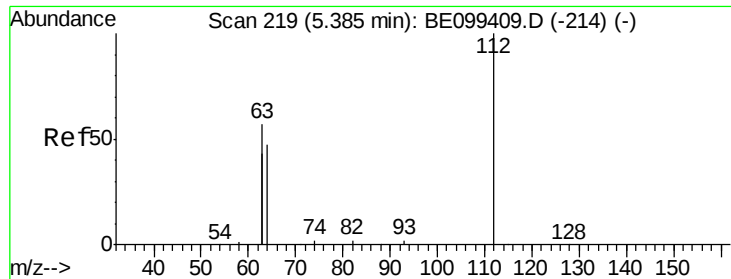
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099516.D
Acq: 3 May 2019 5:32

Tgt Ion: 42 Resp: 76
Ion Ratio Lower Upper
42 100
74 18.4 141.6 212.4#
44 76.3 0.0 0.0#



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





#4

2-Fluorophenol

Concen: 0.290 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

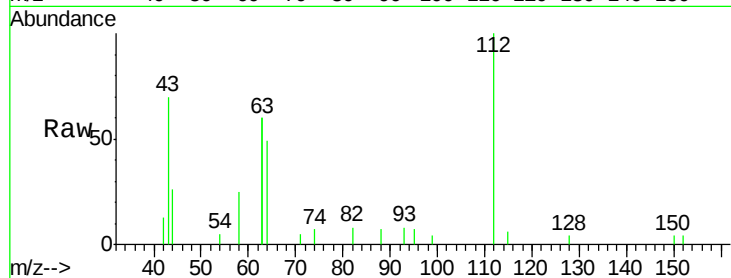
Tot Ion:112 Resp: 1965

Ion Ratio Lower Upper

112 100

64 55.4 47.4 71.0

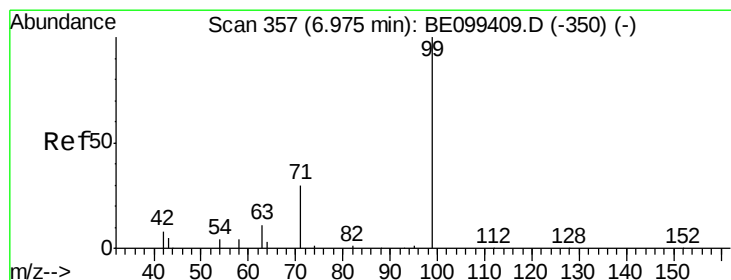
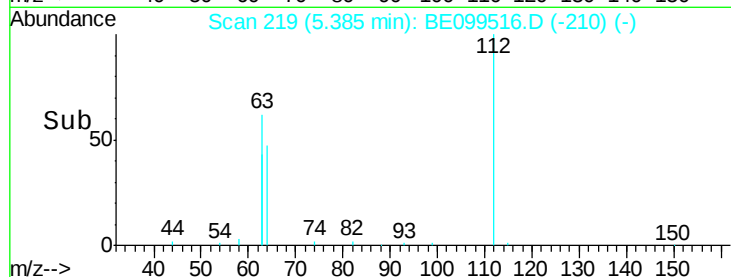
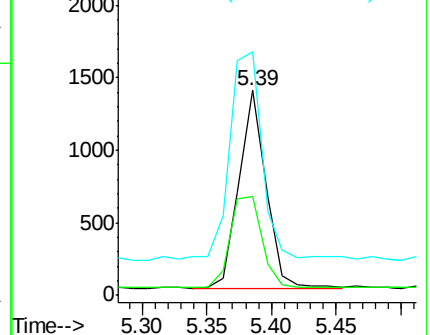
63 128.5 104.3 156.5



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



#5

Phenol-d6

Concen: 0.290 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

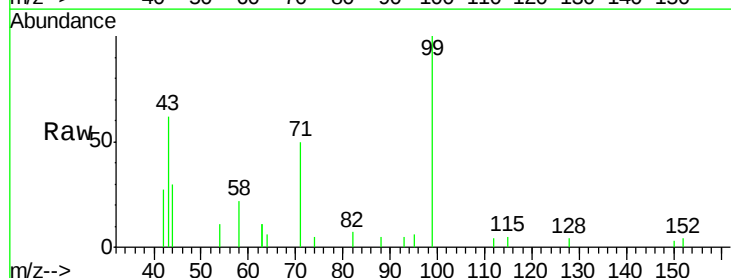
Tgt Ion: 99 Resp: 2619

Ion Ratio Lower Upper

99 100

42 21.1 14.9 22.3

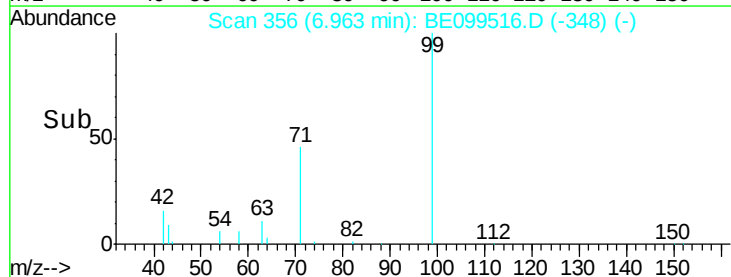
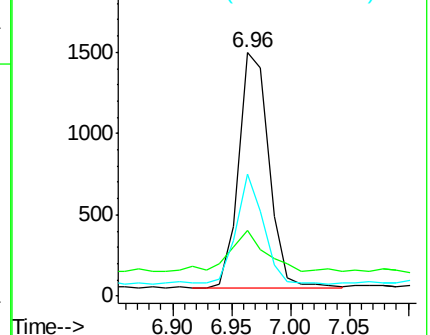
71 42.6 33.0 49.6

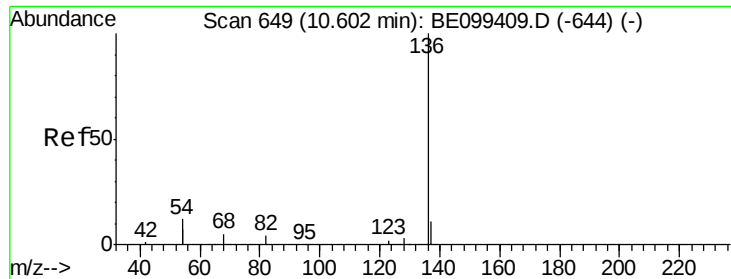


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

Tot Ion:136 Resp: 8657

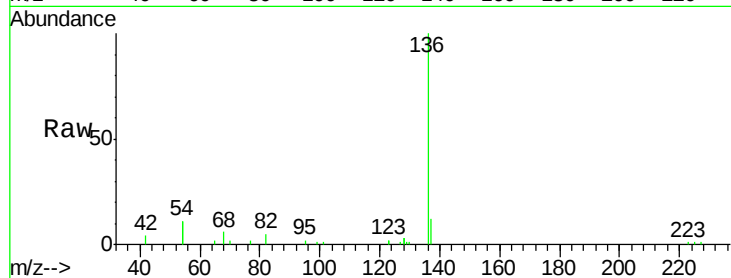
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.8

54 22.9 18.5 27.7

68 6.1 4.7 7.1

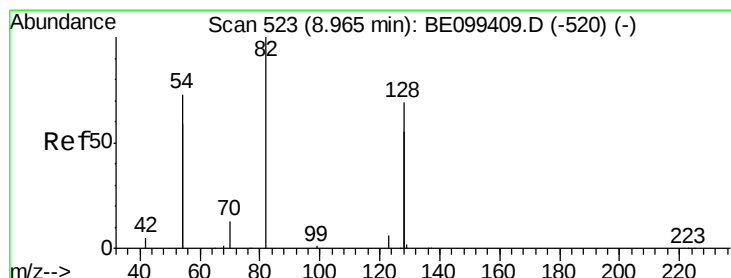
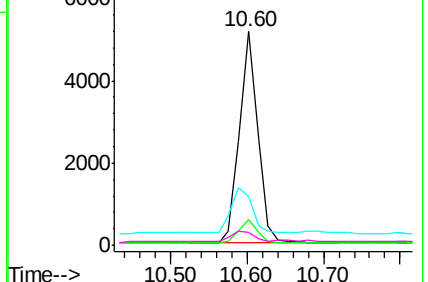
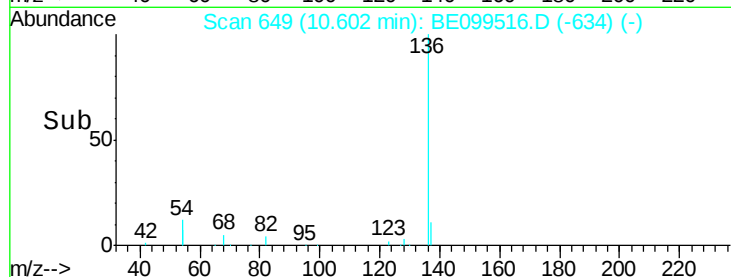


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.264 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

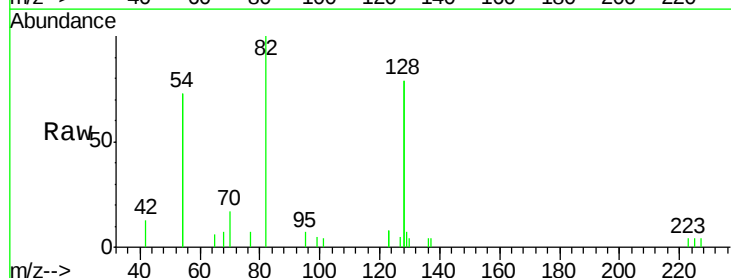
Tgt Ion: 82 Resp: 2146

Ion Ratio Lower Upper

82 100

128 157.4 107.0 160.4

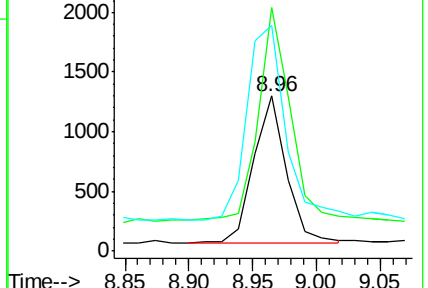
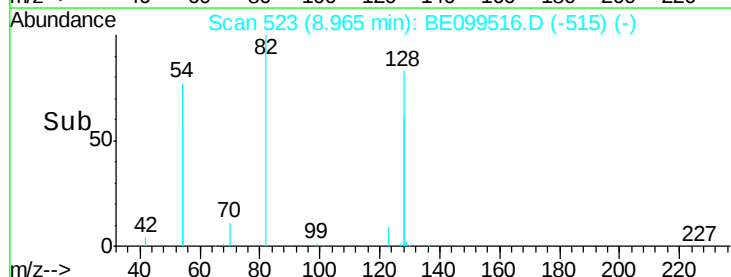
54 146.1 113.1 169.7

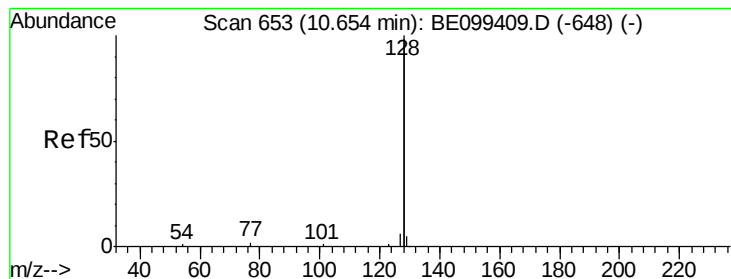


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.055 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

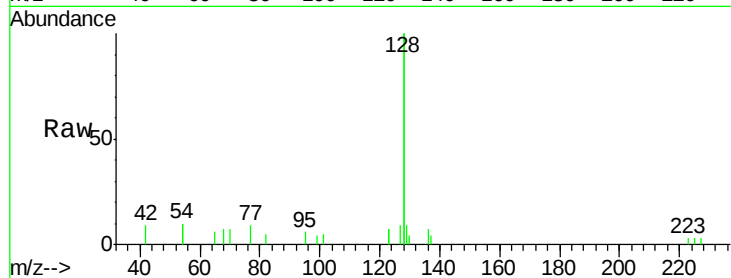
Tot Ion:128 Resp: 5158

Ion Ratio Lower Upper

128 100

129 4.4 2.4 3.6#

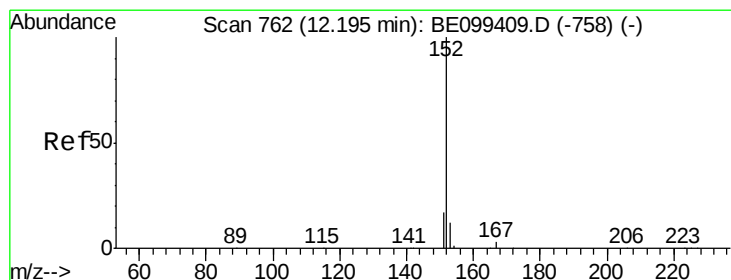
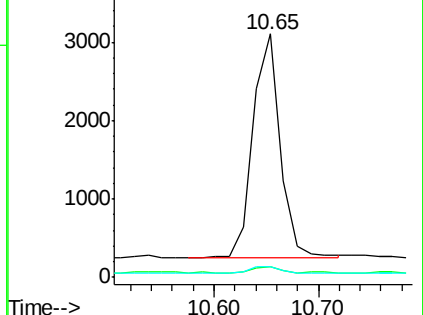
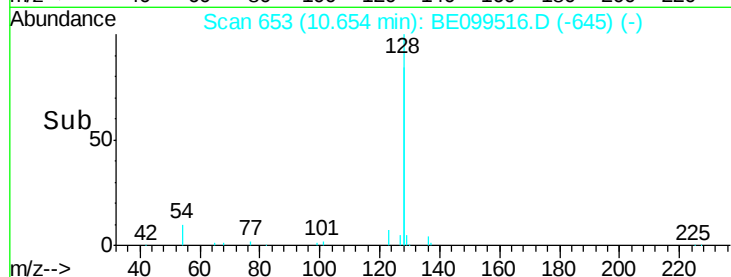
127 4.3 2.8 4.2#



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



#11

2-Methylnaphthalene-d10

Concen: 0.256 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099516.D

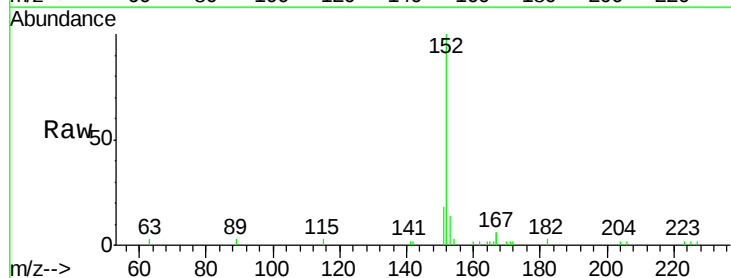
Acq: 3 May 2019 5:32

Tgt Ion:152 Resp: 3988

Ion Ratio Lower Upper

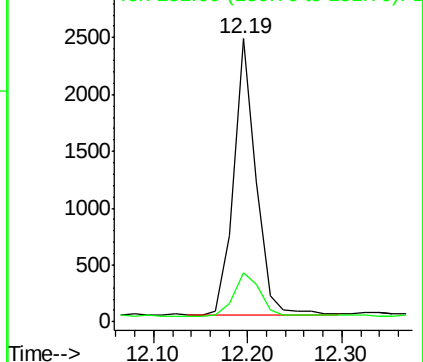
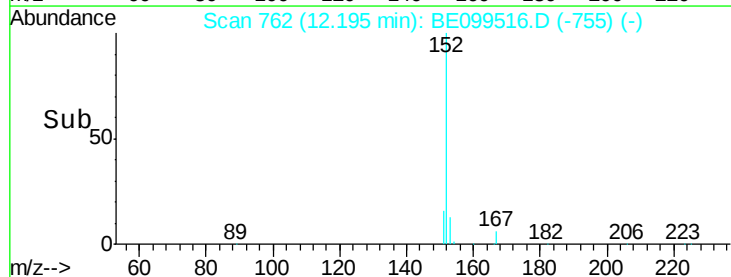
152 100

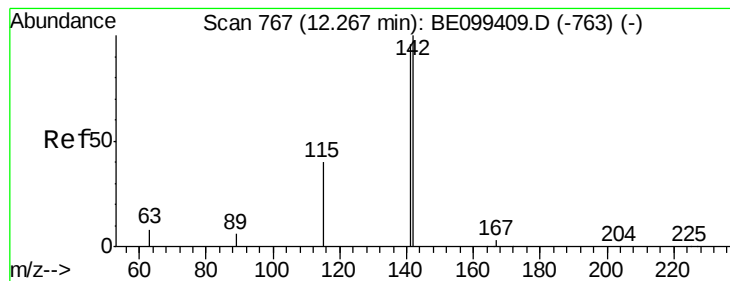
151 18.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.048 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

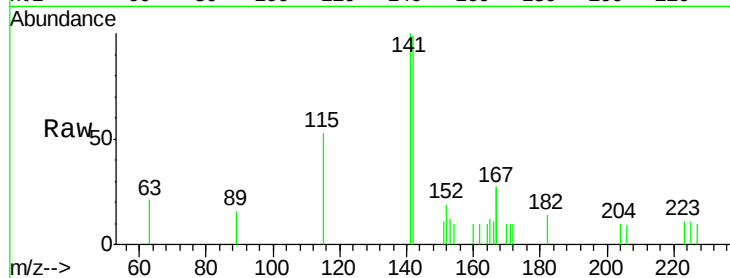
Tot Ion:142 Resp: 794

Ion Ratio Lower Upper

142 100

141 100.8 77.0 115.4

115 53.1 33.4 50.0#



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

12.27

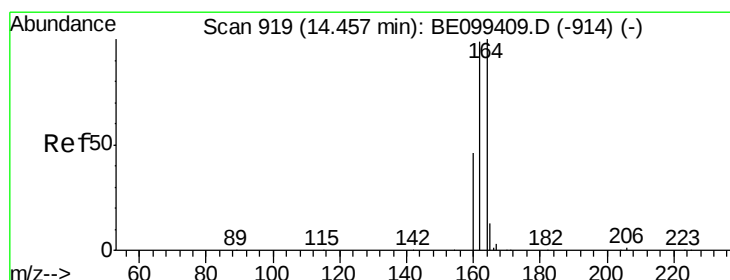
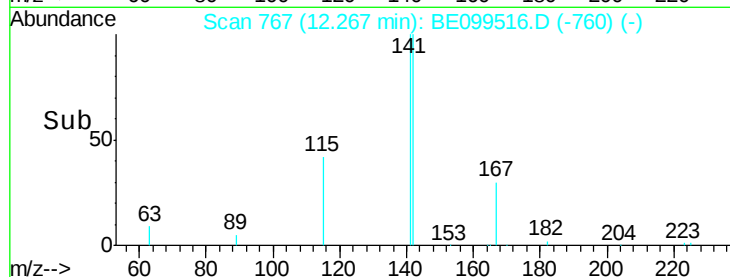
400

200

0

12.20 12.30

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

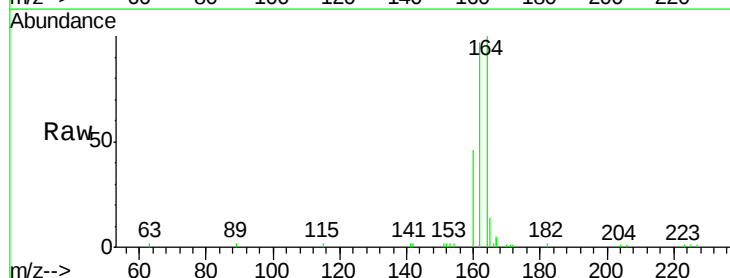
Tgt Ion:164 Resp: 6640

Ion Ratio Lower Upper

164 100

162 97.1 79.0 118.4

160 45.6 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

14.46

6000

5000

4000

3000

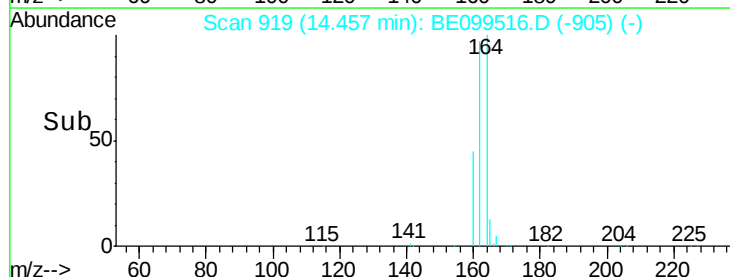
2000

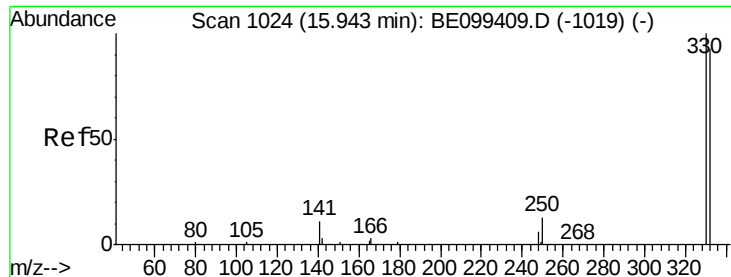
1000

0

14.40 14.50

Time-->

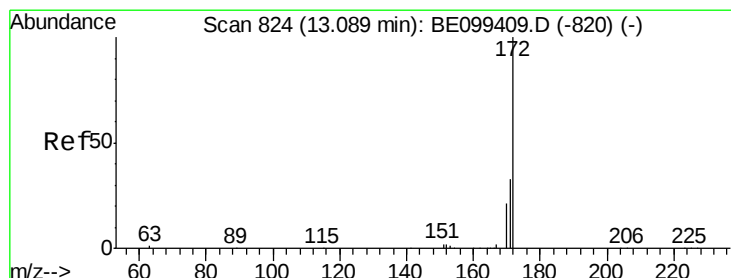
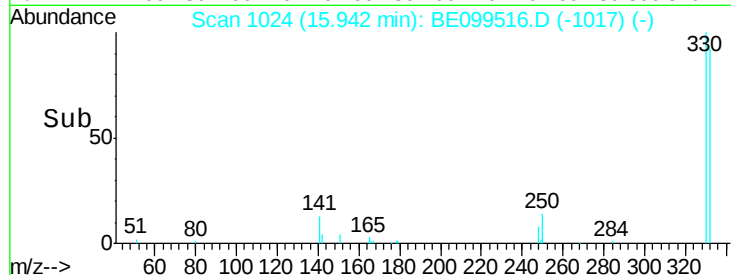
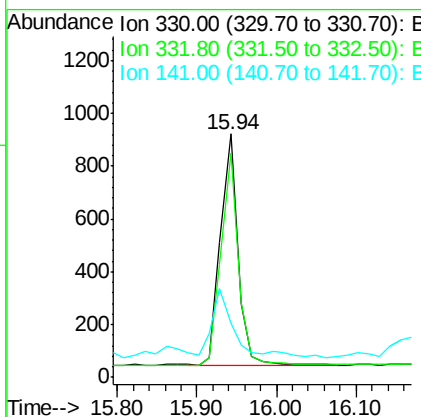
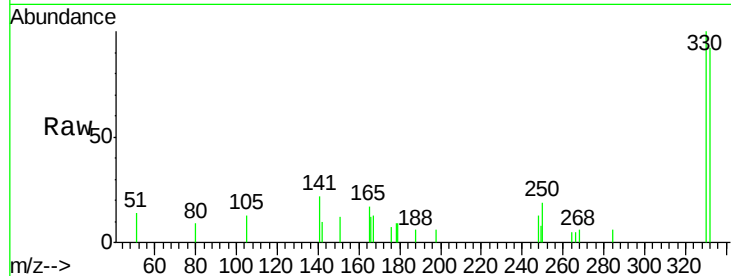




#14
 2,4,6-Tribromophenol
 Concen: 0.321 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099516.D
 Acq: 3 May 2019 5:32

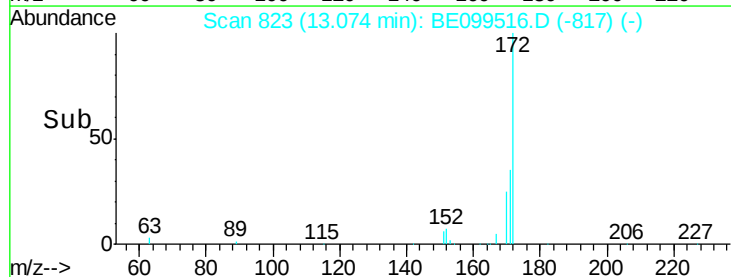
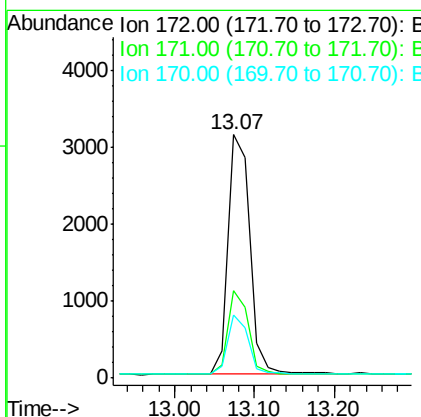
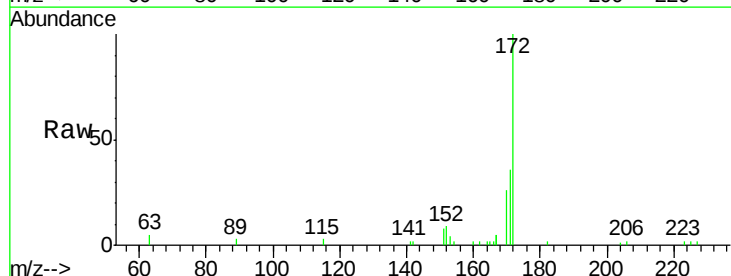
Instrument :
 BNA_E
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 PST-004-SW092-042319

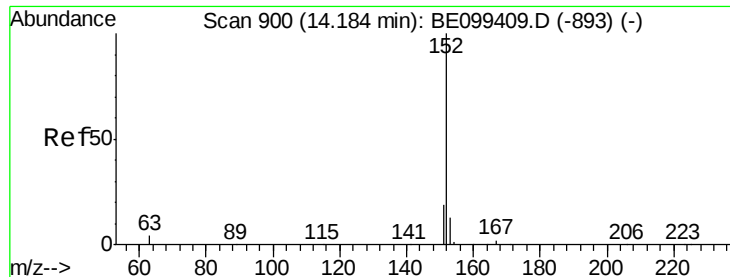
Tot Ion:330 Resp: 1343
 Ion Ratio Lower Upper
 330 100
 332 91.6 71.5 107.3
 141 31.0 24.0 36.0



#15
 2-Fluorobiphenyl
 Concen: 0.235 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099516.D
 Acq: 3 May 2019 5:32

Tgt Ion:172 Resp: 5942
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.6 39.8
 170 26.0 17.0 25.6#





#16

Acenaphthylene

Concen: 0.126 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

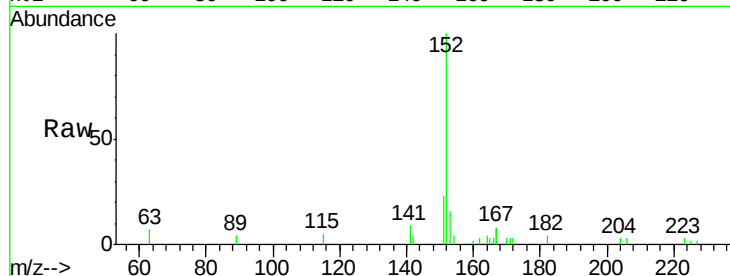
Tot Ion:152 Resp: 4090

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.2

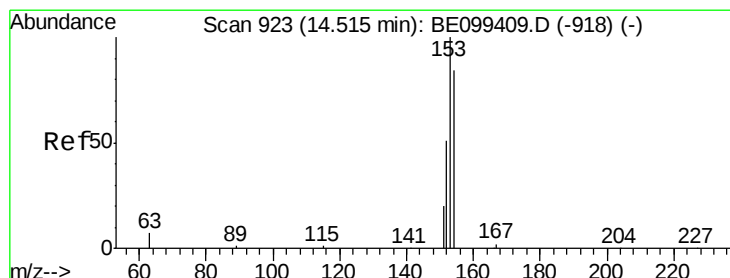
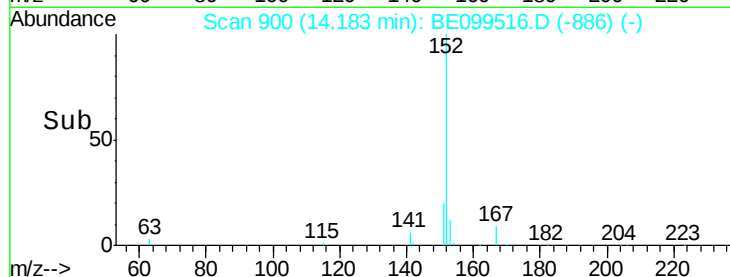
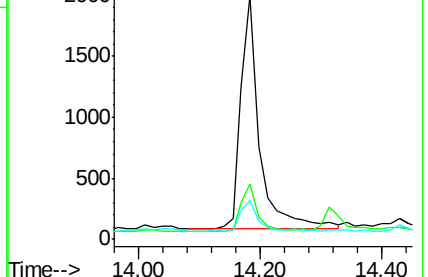
153 13.8 9.8 14.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.045 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

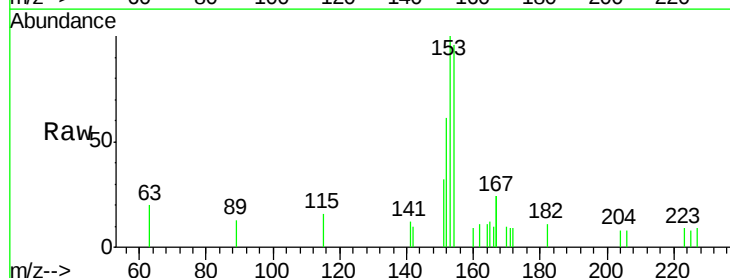
Tgt Ion:154 Resp: 834

Ion Ratio Lower Upper

154 100

153 115.1 92.6 138.8

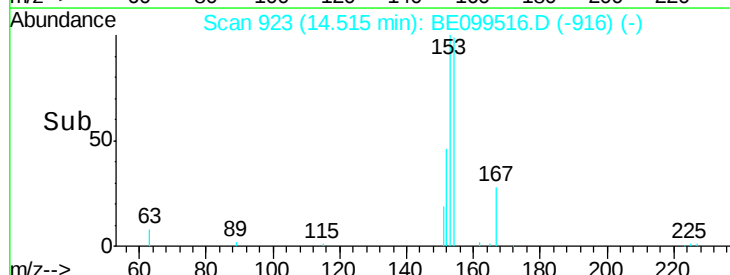
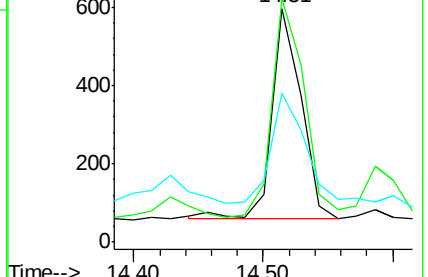
152 61.4 45.8 68.8

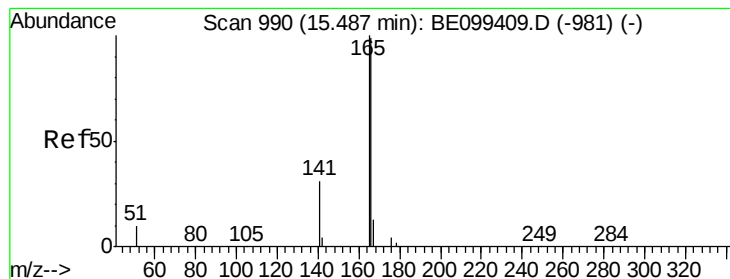


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.055 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

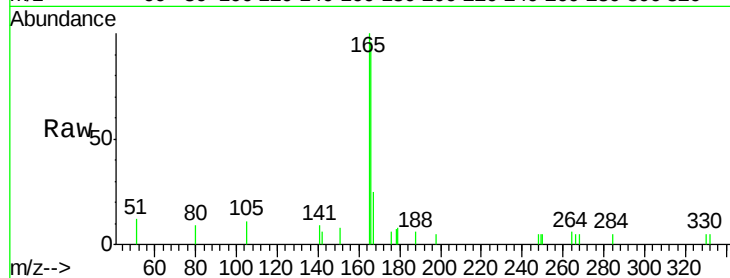
Tot Ion:166 Resp: 1498

Ion Ratio Lower Upper

166 100

165 109.4 80.3 120.5

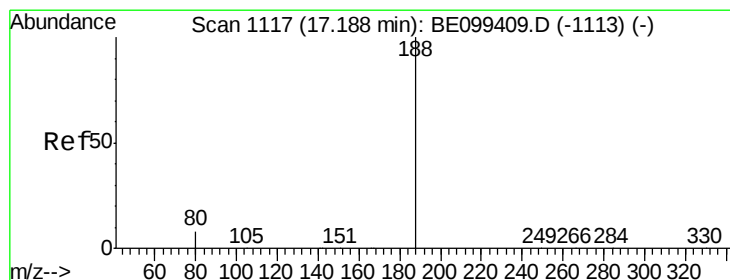
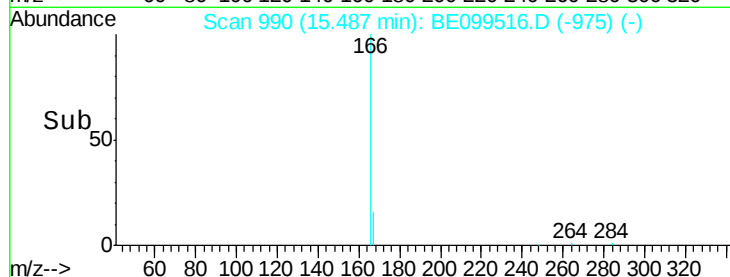
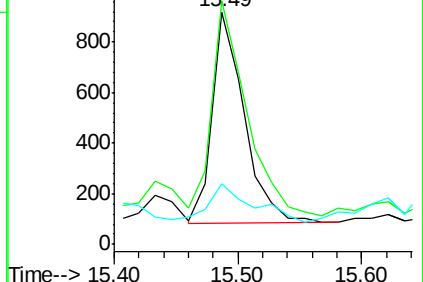
167 24.5 10.7 16.1#



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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

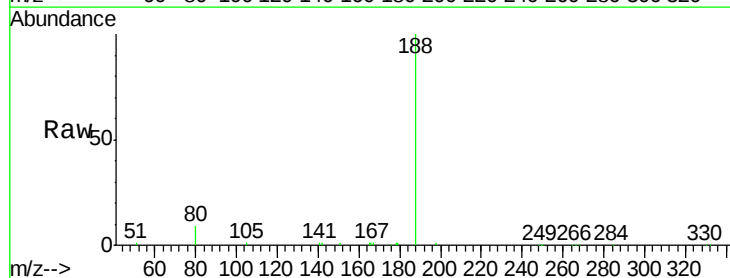
Tgt Ion:188 Resp: 21143

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

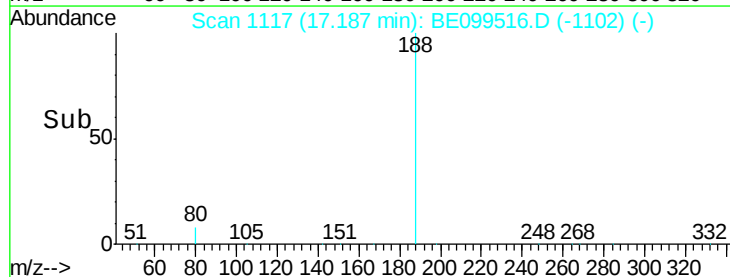
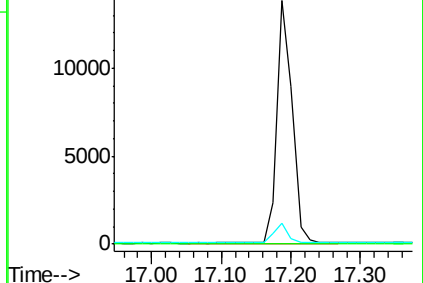
80 8.7 6.7 10.1

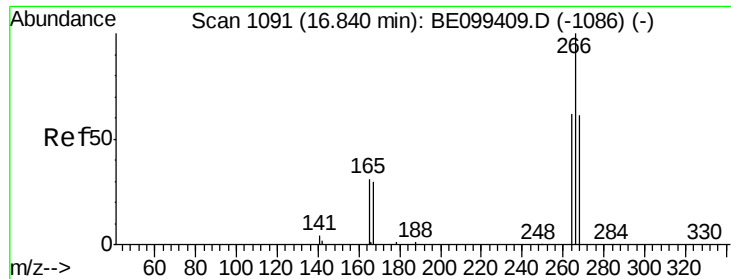


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.222 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

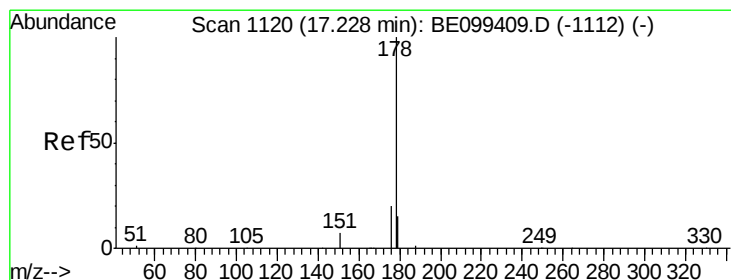
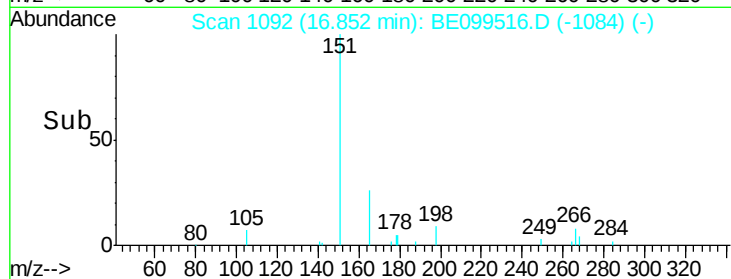
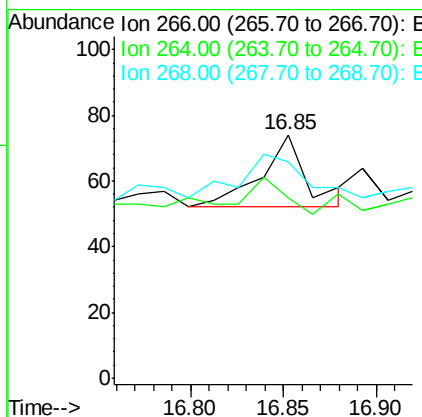
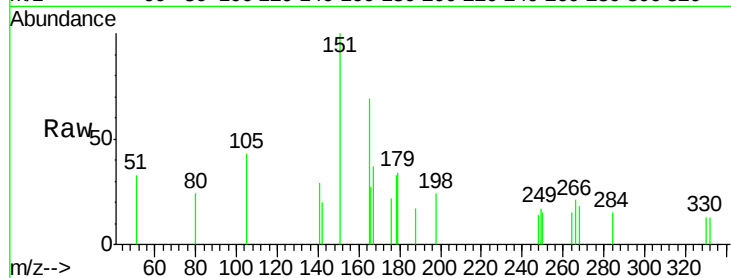
Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

Tot Ion:266	Resp:	39	
Ion Ratio	Lower	Upper	
266	100		
264	74.3	50.8	76.2
268	89.2	50.5	75.7#



#23

Phenanthrene

Concen: 1.177 ng

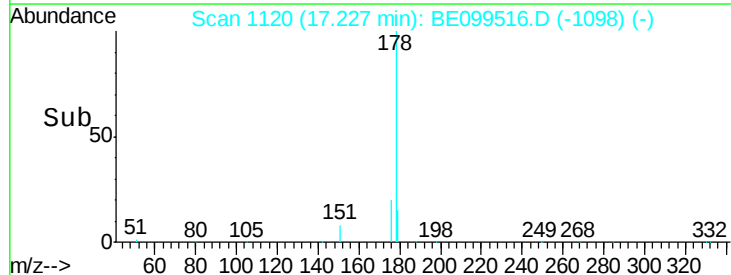
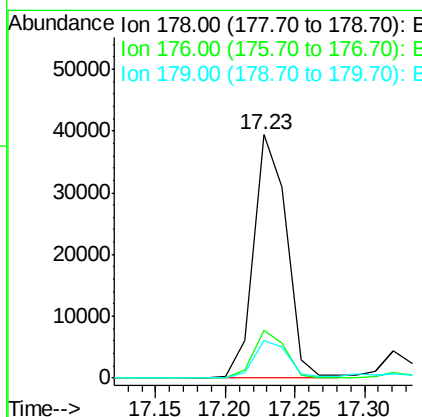
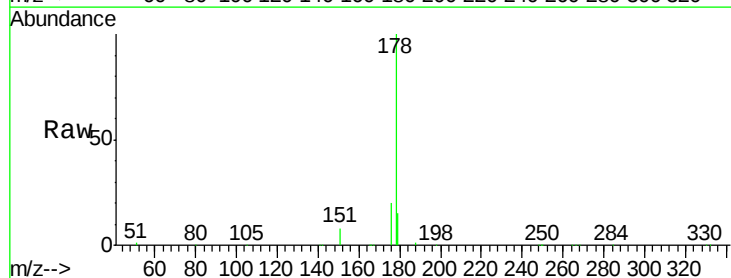
RT: 17.23 min Scan# 1120

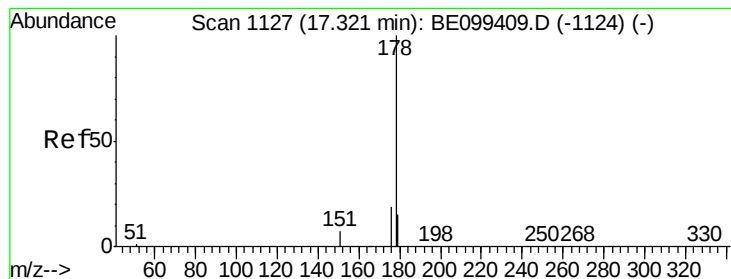
Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Tgt	Ion:178	Resp:	64193
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.4	12.0	18.0





#24

Anthracene

Concen: 0.109 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

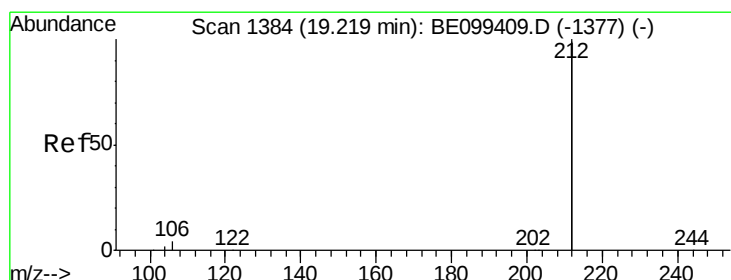
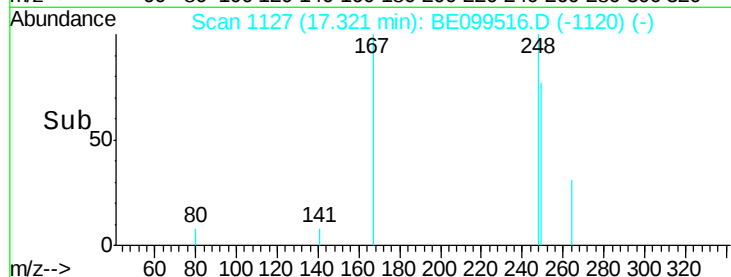
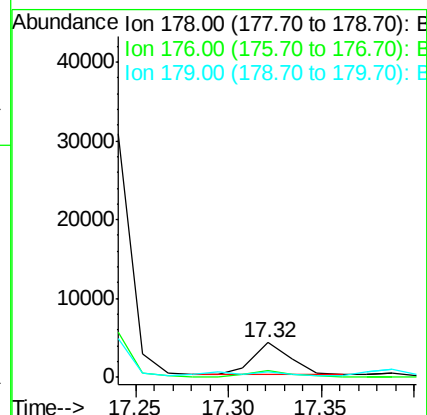
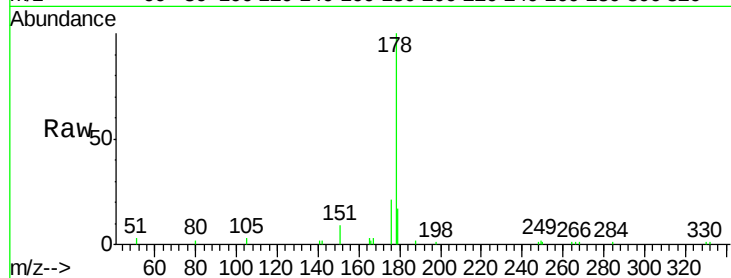
Tot Ion:178 Resp: 5670

Ion Ratio Lower Upper

178 100

176 21.2 14.9 22.3

179 25.3 11.9 17.9#



#25

Fluoranthene-d10

Concen: 0.225 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

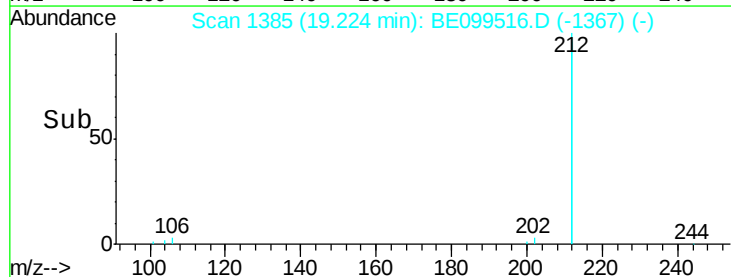
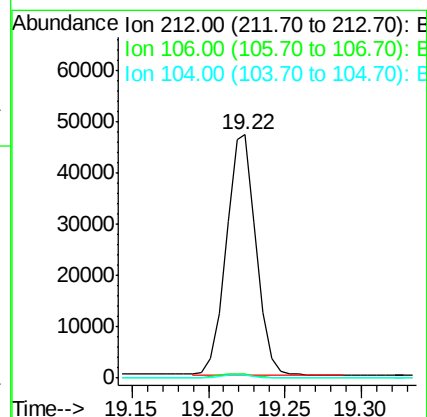
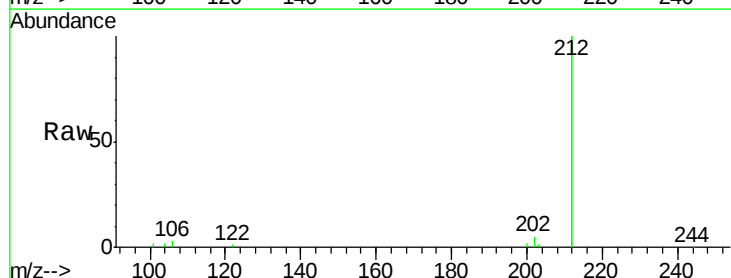
Tgt Ion:212 Resp: 63987

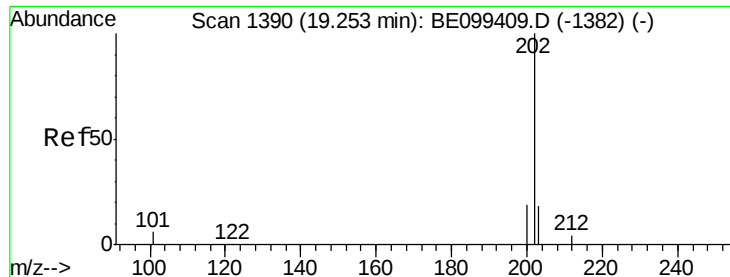
Ion Ratio Lower Upper

212 100

106 1.8 1.5 2.3

104 1.1 0.9 1.3





#26

Fluoranthene

Concen: 2.213 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

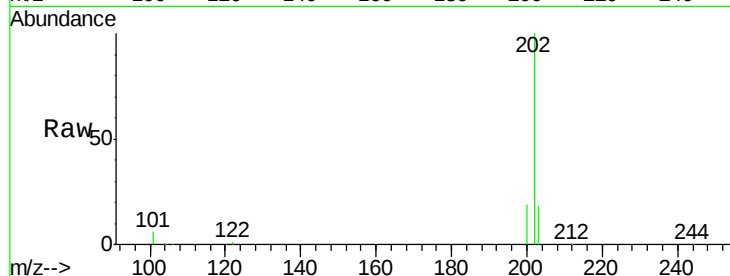
Tot Ion:202 Resp: 180873

Ion Ratio Lower Upper

202 100

101 6.5 5.4 8.0

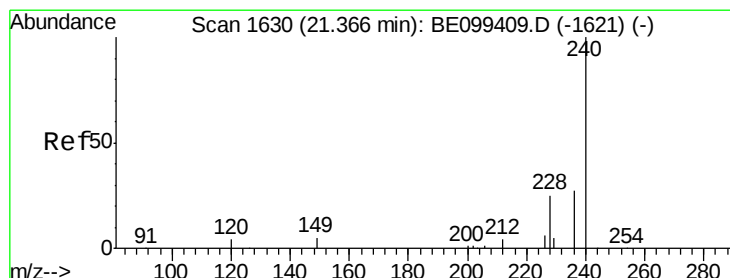
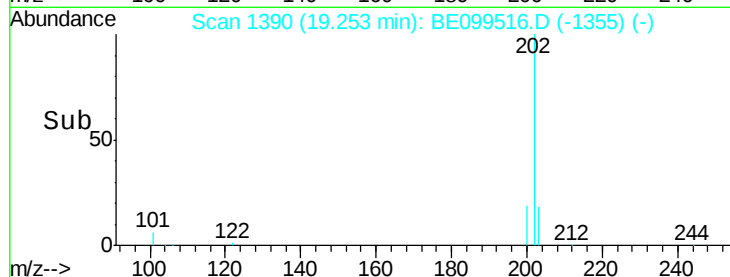
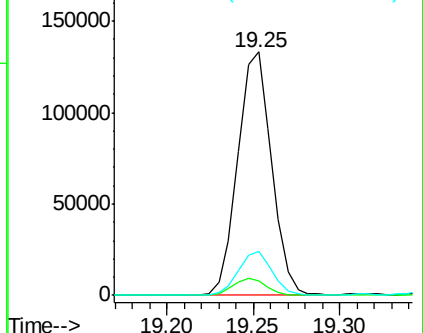
203 17.6 13.9 20.9



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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

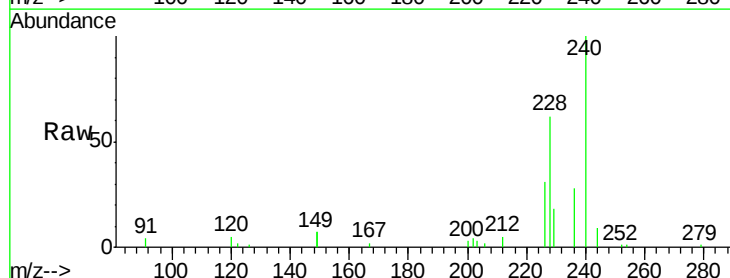
Tgt Ion:240 Resp: 26518

Ion Ratio Lower Upper

240 100

120 4.5 4.0 6.0

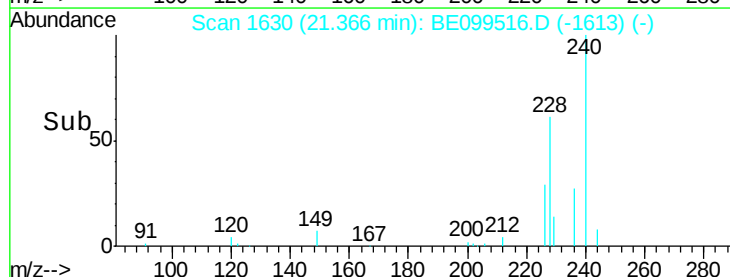
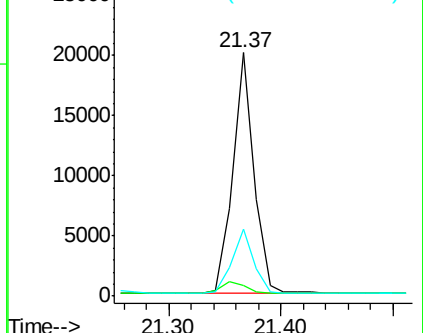
236 27.6 22.0 33.0

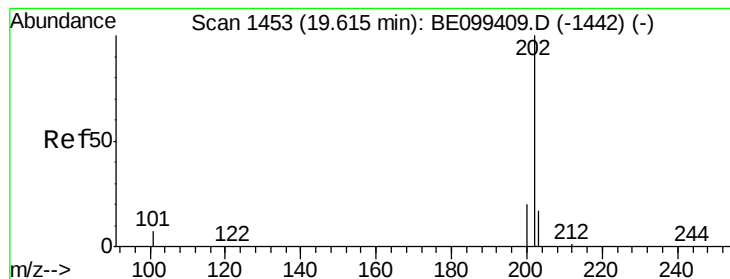


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 2.552 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

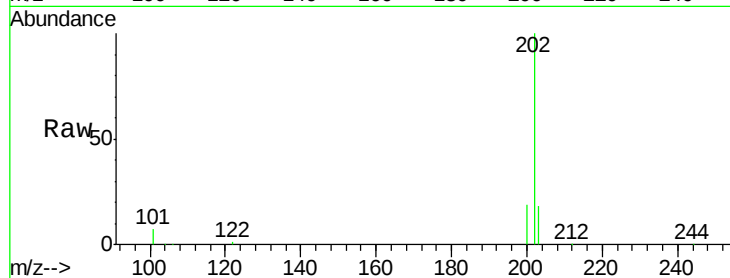
Tot Ion:202 Resp: 176398

Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

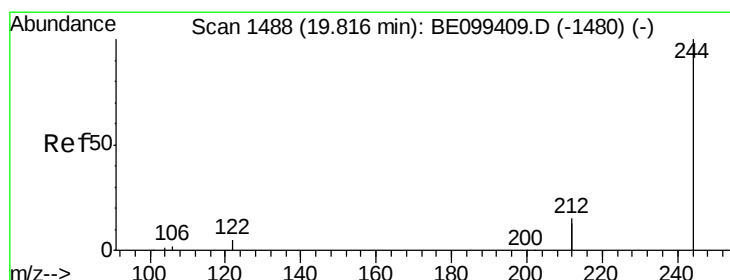
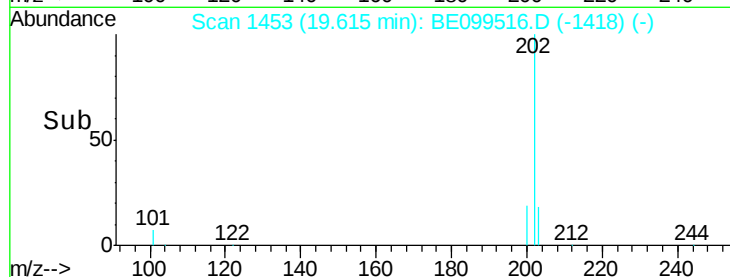
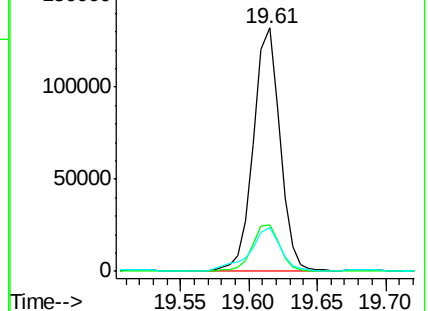
203 20.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.271 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

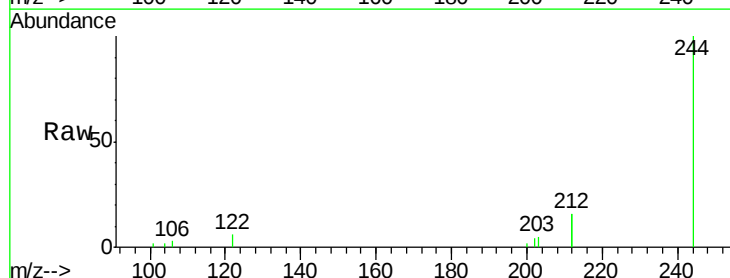
Tgt Ion:244 Resp: 13172

Ion Ratio Lower Upper

244 100

212 32.9 23.2 34.8

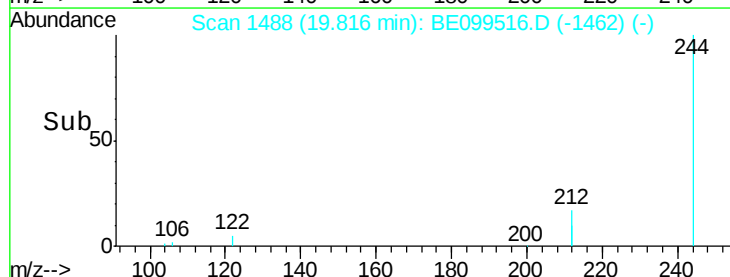
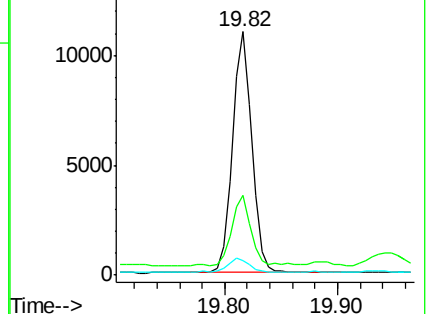
122 6.2 4.2 6.4

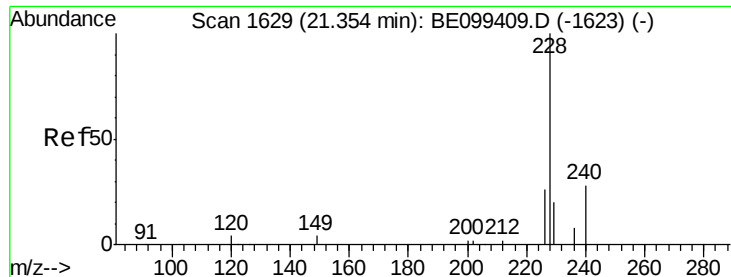


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 1.081 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

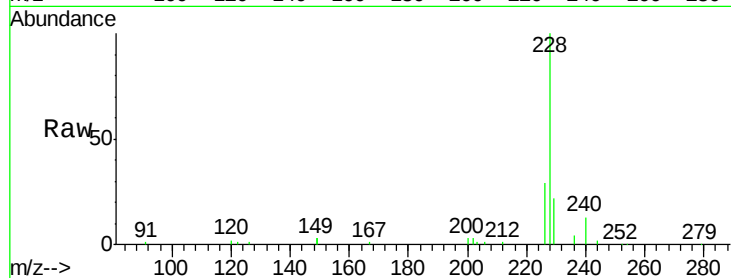
Tot Ion:228 Resp: 91347

Ion Ratio Lower Upper

228 100

226 29.1 21.0 31.6

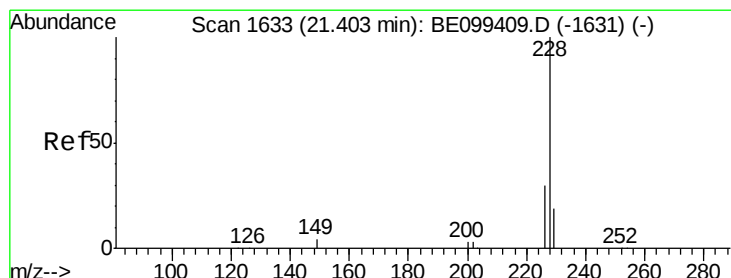
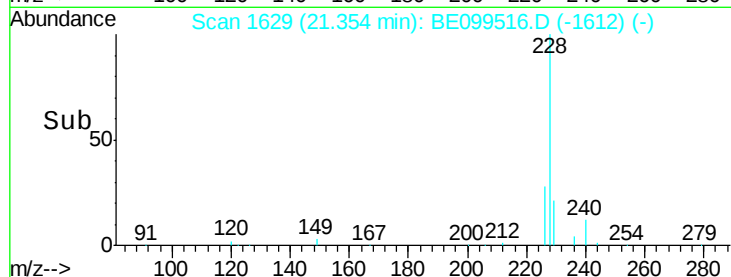
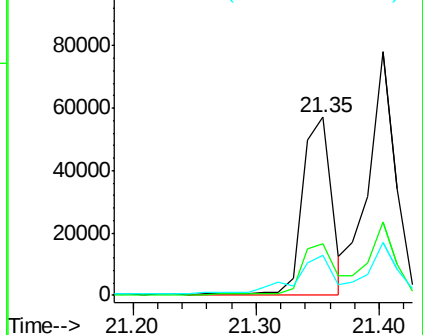
229 22.3 16.6 25.0



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



#31

Chrysene

Concen: 1.428 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

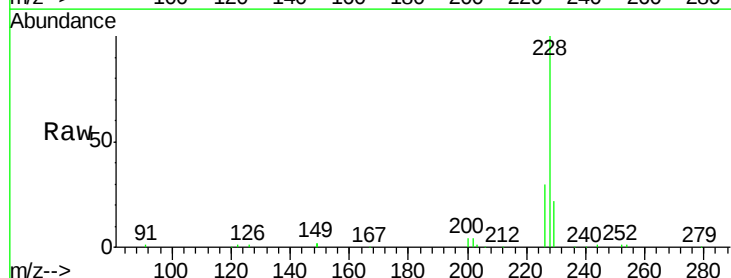
Tgt Ion:228 Resp: 118066

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

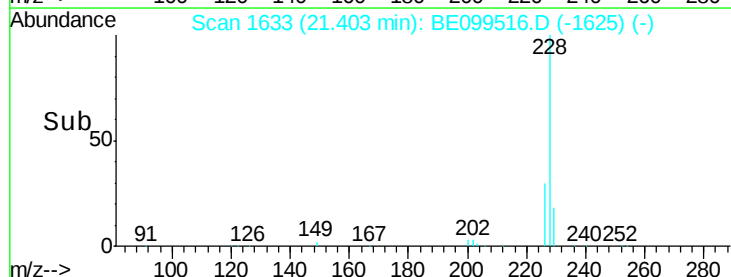
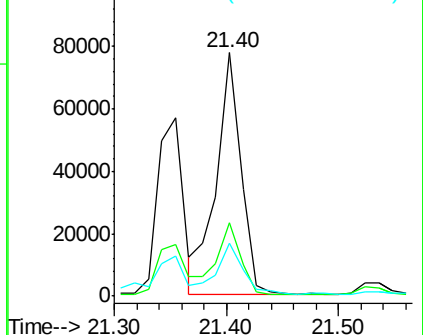
229 21.7 15.8 23.8

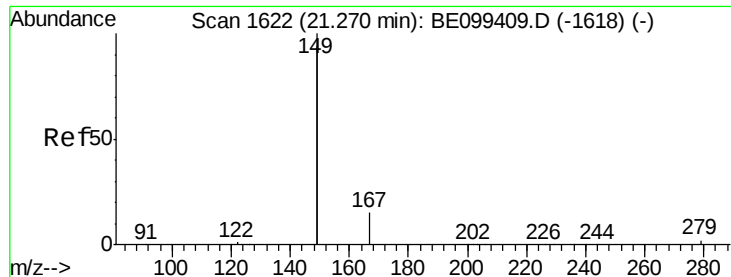


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

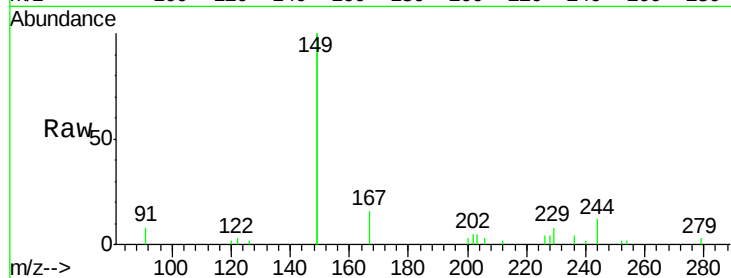
Tot Ion:149 Resp: 20243

Ion Ratio Lower Upper

149 100

167 7.8 5.8 8.6

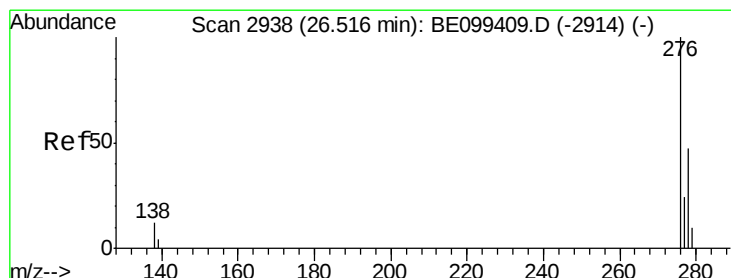
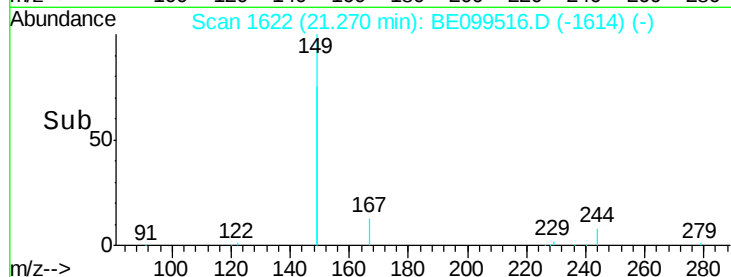
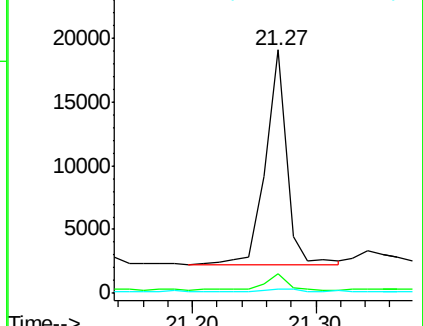
279 1.9 1.0 1.6#



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: 0.723 ng

RT: 26.52 min Scan# 2938

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

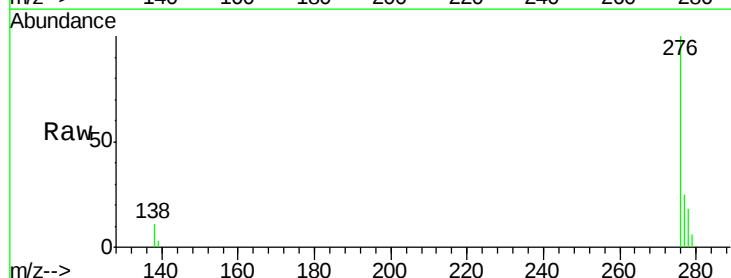
Tgt Ion:276 Resp: 70658

Ion Ratio Lower Upper

276 100

138 10.4 10.2 15.2

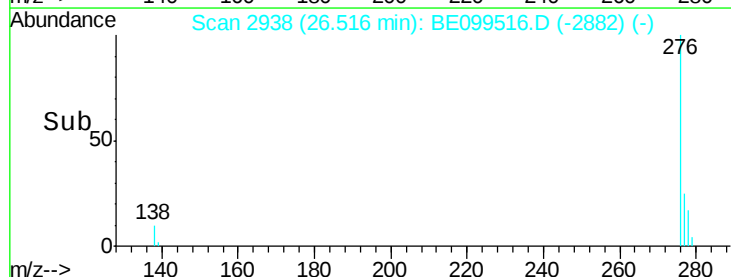
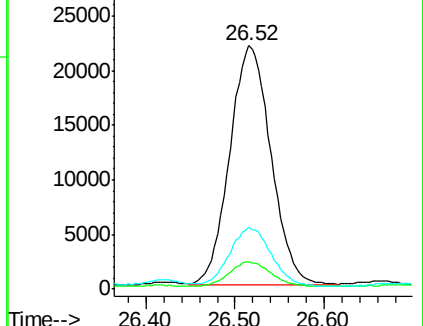
277 24.5 19.2 28.8

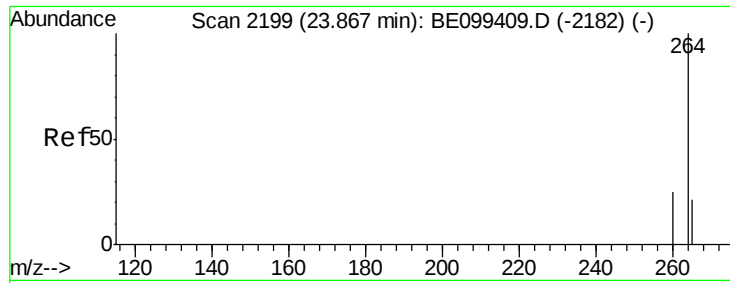


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

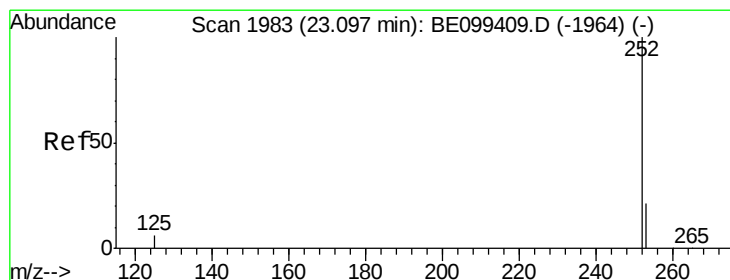
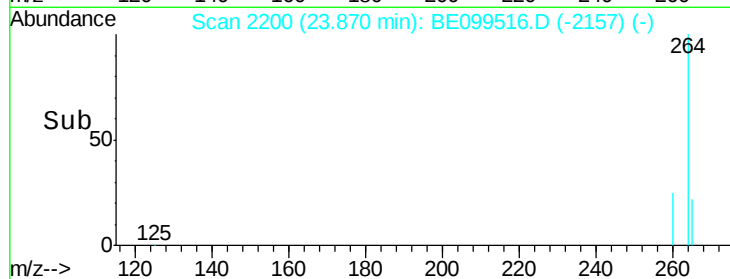
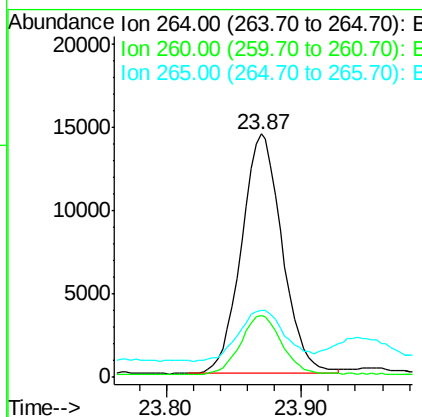
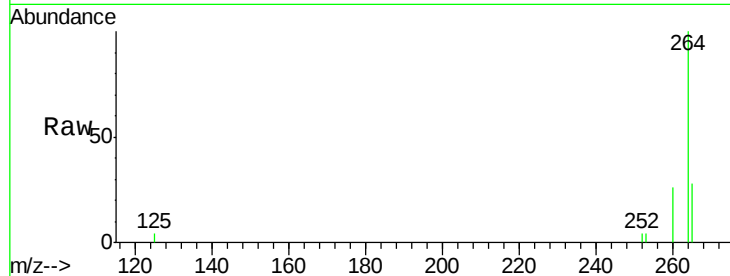




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE099516.D
Acq: 3 May 2019 5:32

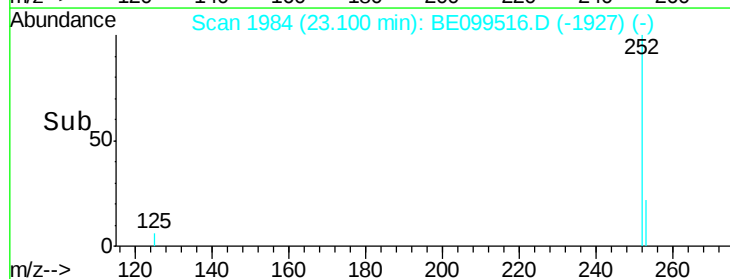
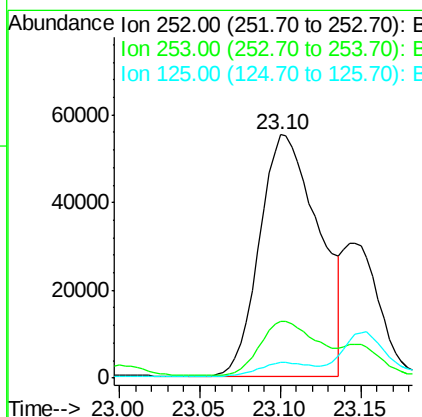
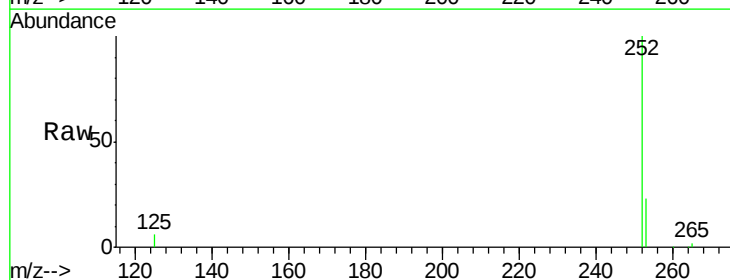
Instrument :
BNA_E
ClientSampleId :
PST-004-SW092-042319

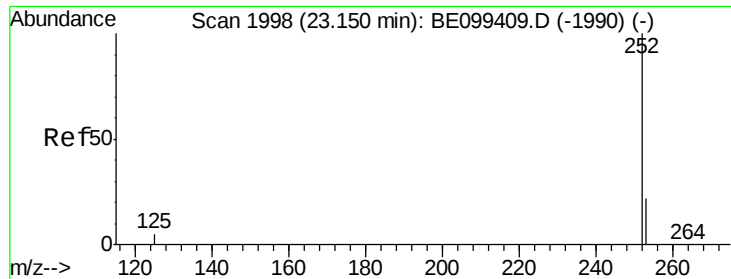
Tot Ion:264 Resp: 30186
Ion Ratio Lower Upper
264 100
260 25.5 20.2 30.2
265 27.8 21.3 31.9



#35
Benzo(b)fluoranthene
Concen: 1.623 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE099516.D
Acq: 3 May 2019 5:32

Tgt Ion:252 Resp: 141281
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 6.4 5.6 8.4

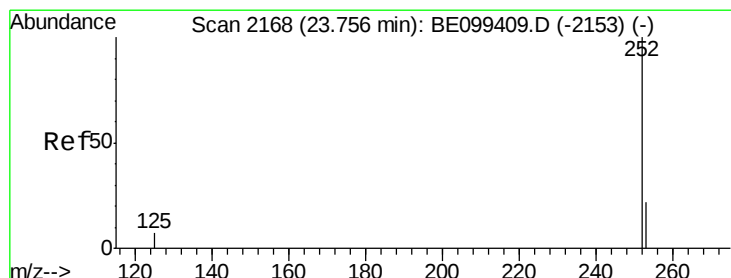
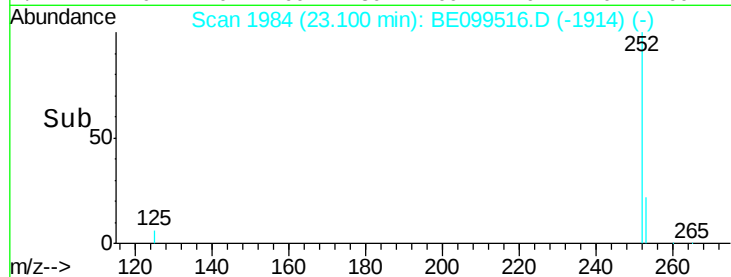
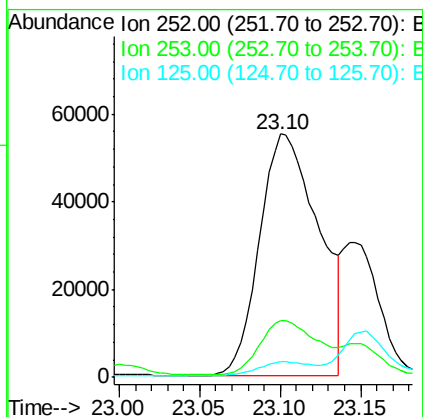
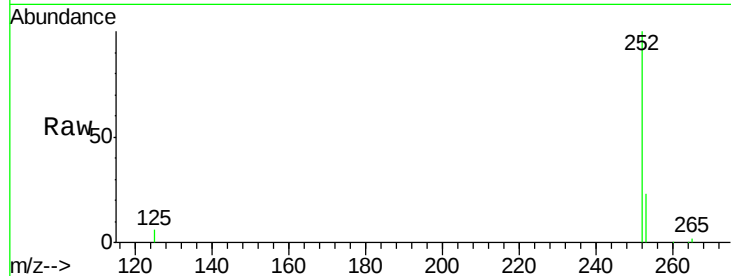




#36
Benzo(k)fluoranthene
Concen: 1.683 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.05 min
Lab File: BE099516.D
Acq: 3 May 2019 5:32

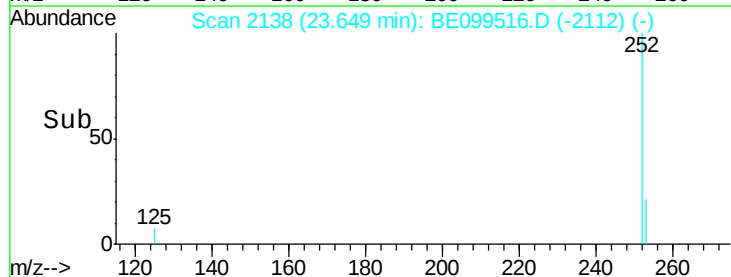
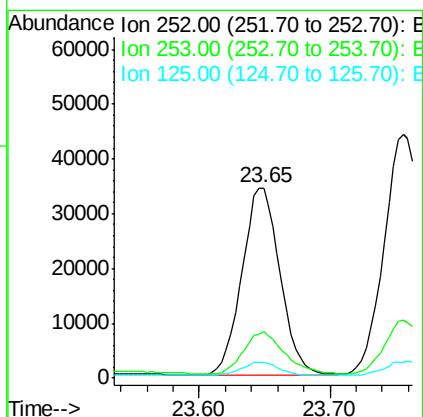
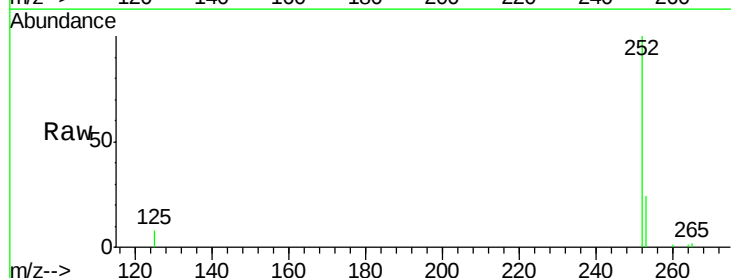
Instrument :
BNA_E
ClientSampleId :
PST-004-SW092-042319

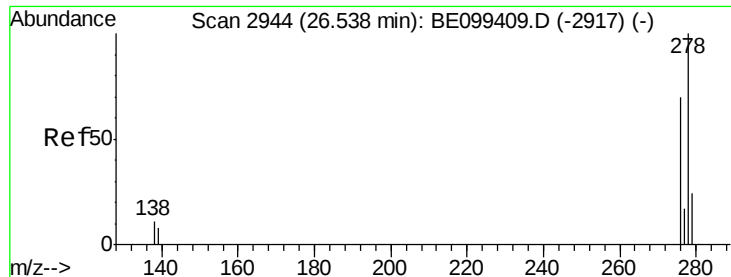
Tot Ion:252 Resp: 141281
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 6.4 5.0 7.4



#37
Benzo(a)pyrene
Concen: 0.848 ng
RT: 23.65 min Scan# 2138
Delta R.T. -0.11 min
Lab File: BE099516.D
Acq: 3 May 2019 5:32

Tgt Ion:252 Resp: 69750
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 8.3 6.7 10.1





#38

Dibenzo(a,h)anthracene

Concen: 0.208 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

Instrument :

BNA_E

ClientSampleId :

PST-004-SW092-042319

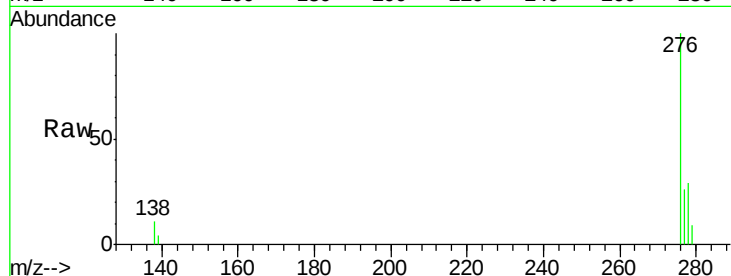
Tot Ion:278 Resp: 17512

Ion Ratio Lower Upper

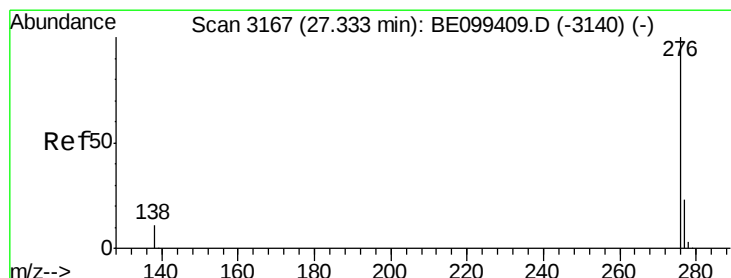
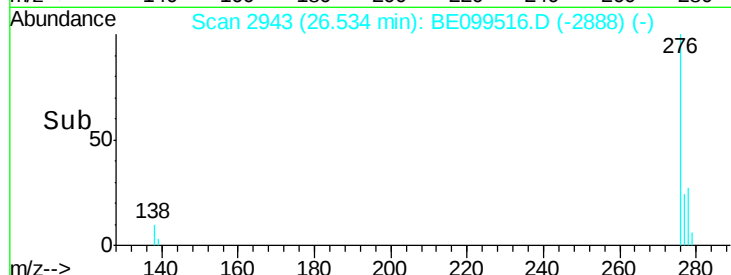
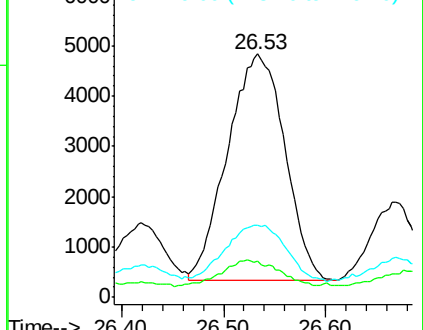
278 100

139 15.1 7.7 11.5#

279 29.6 20.2 30.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.824 ng

RT: 27.34 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BE099516.D

Acq: 3 May 2019 5:32

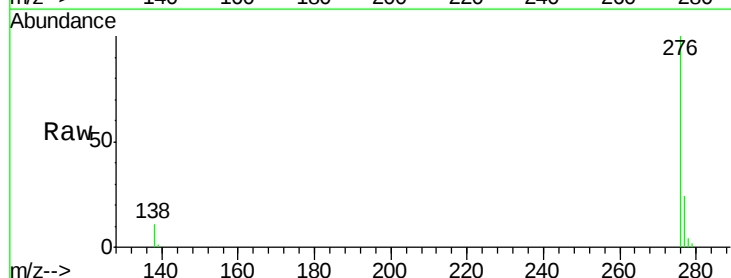
Tgt Ion:276 Resp: 69471

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 11.2 9.6 14.4



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

