

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099385.D
 Acq On : 26 Apr 2019 19:19
 Operator : JU/SJ
 Sample : K2569-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-003-SW024-042319

Quant Time: Apr 27 05:07:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4182	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	16136	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	10969	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29241	0.40	ng	0.00
27) Chrysene-d12	21.37	240	32236	0.40	ng	0.00
34) Perylene-d12	23.87	264	37094	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	3178	0.31	ng	0.01
5) Phenol-d6	6.98	99	4923	0.34	ng	0.00
8) Nitrobenzene-d5	8.98	82	4081	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	7503	0.26	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	1712	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	11080	0.26	ng	0.00
25) Fluoranthene-d10	19.22	212	88416	0.25	ng	0.00
29) Terphenyl-d14	19.82	244	18857	0.30	ng	0.00

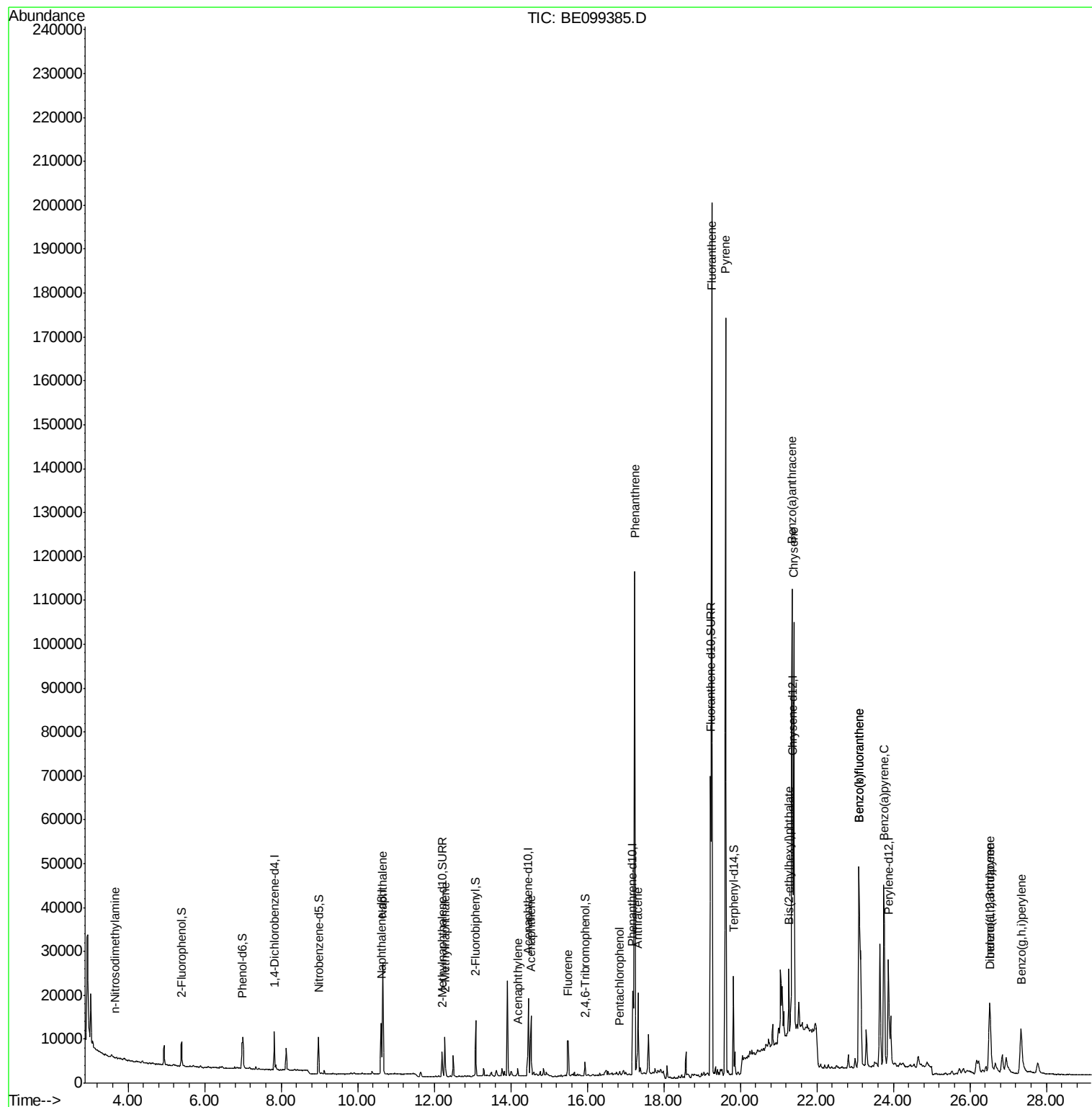
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.67	42	87	0.028	ng	# 1
9) Naphthalene	10.65	128	43797	0.249	ng	100
12) 2-Methylnaphthalene	12.28	142	6253	0.209	ng	97
16) Acenaphthylene	14.18	152	1549	0.031	ng	# 83
17) Acenaphthene	14.53	154	6852	0.224	ng	99
18) Fluorene	15.50	166	7193	0.164	ng	98
22) Pentachlorophenol	16.84	266	35	0.226	ng	# 72
23) Phenanthrene	17.24	178	143672	1.855	ng	99
24) Anthracene	17.32	178	20123	0.292	ng	# 90
26) Fluoranthene	19.25	202	187238	1.807	ng	98
28) Pyrene	19.62	202	160477	1.690	ng	# 95
30) Benzo(a)anthracene	21.36	228	95748	1.010	ng	98
31) Chrysene	21.40	228	78340	0.777	ng	96
32) Bis(2-ethylhexyl)phthalate	21.27	149	16482	0.191	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.52	276	36088	0.362	ng	# 92
35) Benzo(b)fluoranthene	23.10	252	94394	0.831	ng	95
36) Benzo(k)fluoranthene	23.10	252	94394	0.834	ng	# 97
37) Benzo(a)pyrene	23.75	252	67506	0.663	ng	96
38) Dibenzo(a,h)anthracene	26.54	278	8830	0.085	ng	# 75
39) Benzo(g,h,i)perylene	27.34	276	33048	0.313	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099385.D
Acq On : 26 Apr 2019 19:19
Operator : JU/SJ
Sample : K2569-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-003-SW024-042319

Quant Time: Apr 27 05:07:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

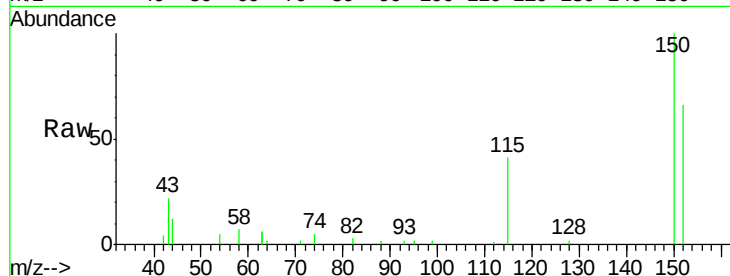
Tot Ion:152 Resp: 4182

Ion Ratio Lower Upper

152 100

150 150.5 119.5 179.3

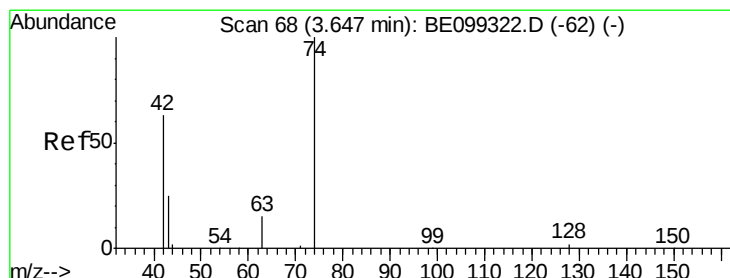
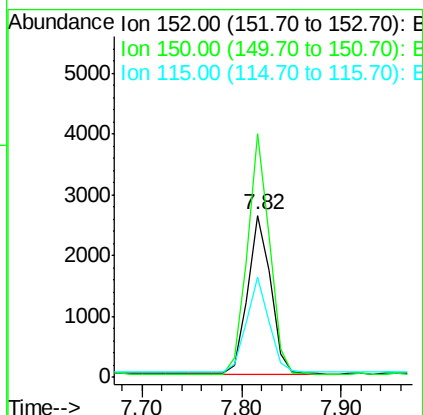
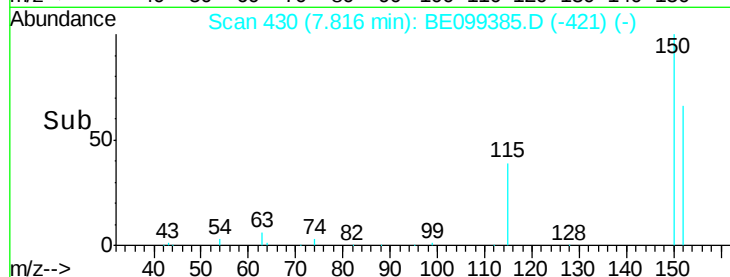
115 61.7 47.5 71.3



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: 0.028 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

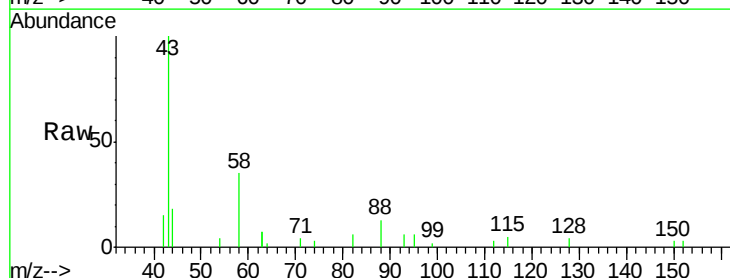
Tgt Ion: 42 Resp: 87

Ion Ratio Lower Upper

42 100

74 19.5 145.8 218.8#

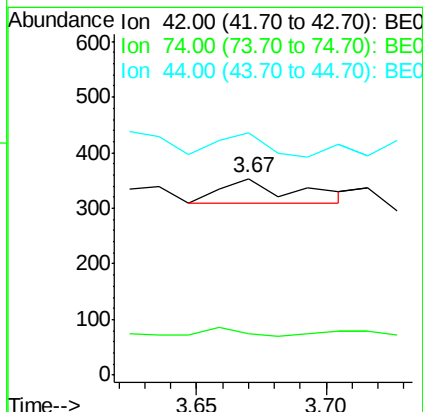
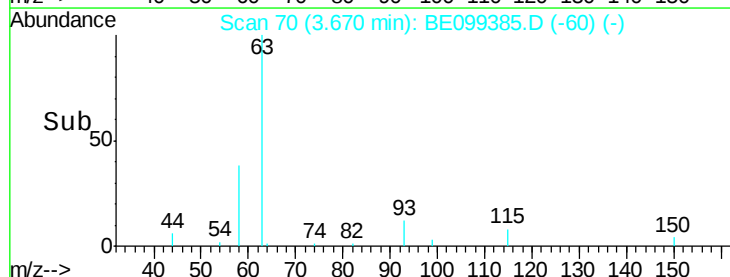
44 64.4 9.0 13.4#

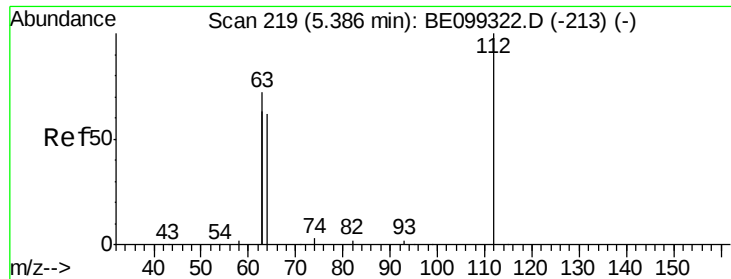


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.311 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

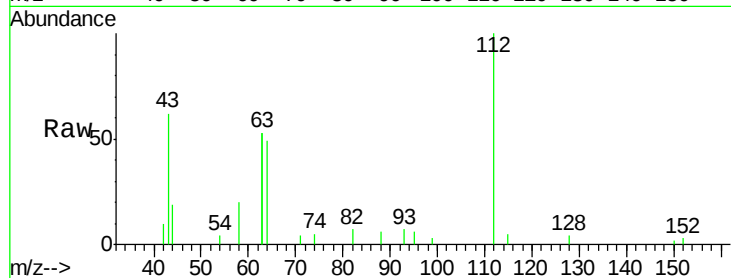
Tot Ion: 112 Resp: 3178

Ion Ratio Lower Upper

112 100

64 59.4 44.9 67.3

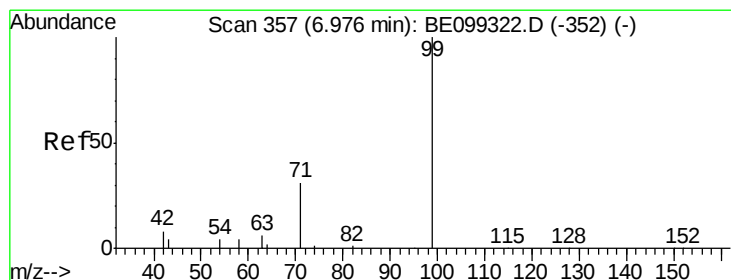
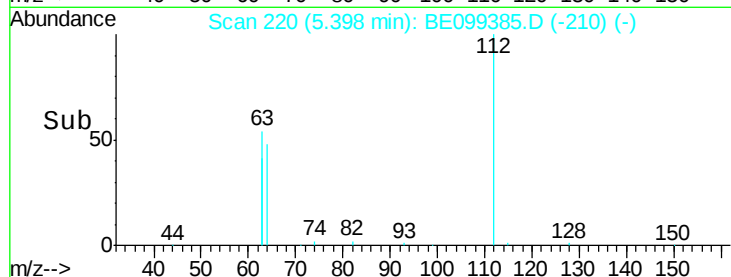
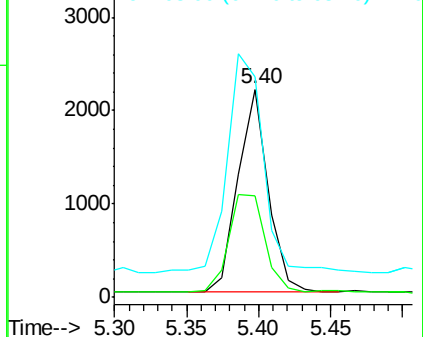
63 127.1 97.4 146.0



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.338 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

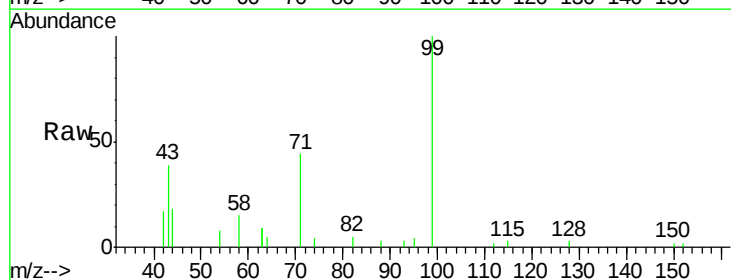
Tgt Ion: 99 Resp: 4923

Ion Ratio Lower Upper

99 100

42 20.1 11.7 17.5#

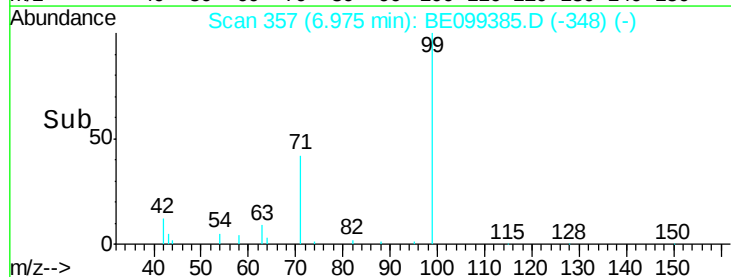
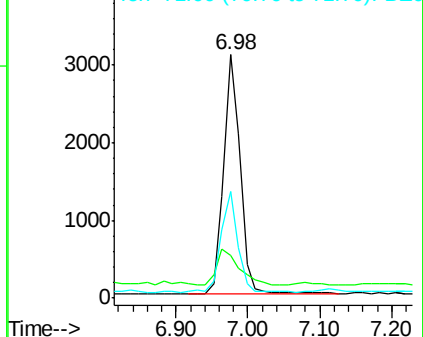
71 42.7 29.6 44.4

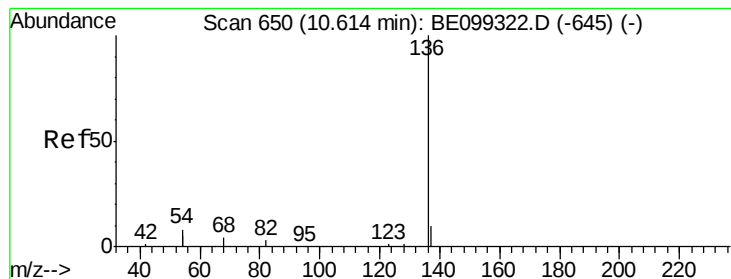


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

Tot Ion:136 Resp: 16136

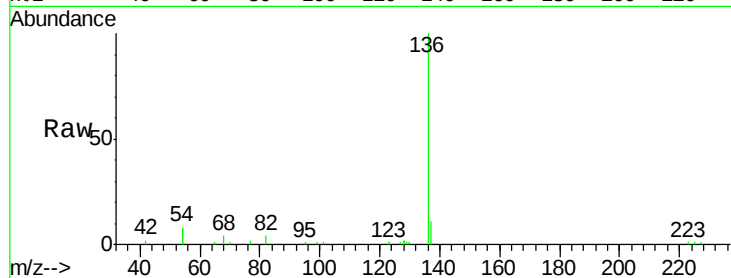
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 16.0 23.8 35.8#

68 4.0 6.4 9.6#

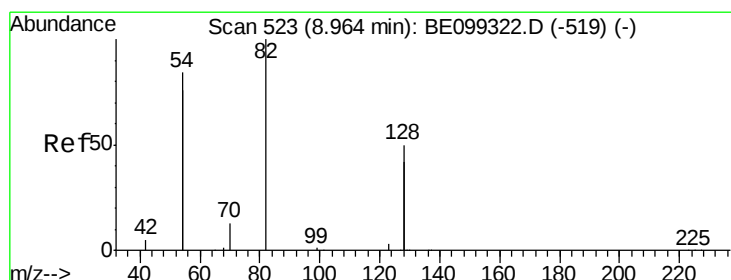
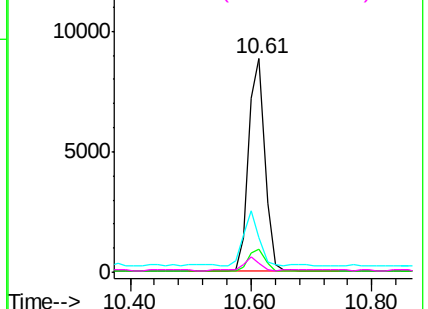
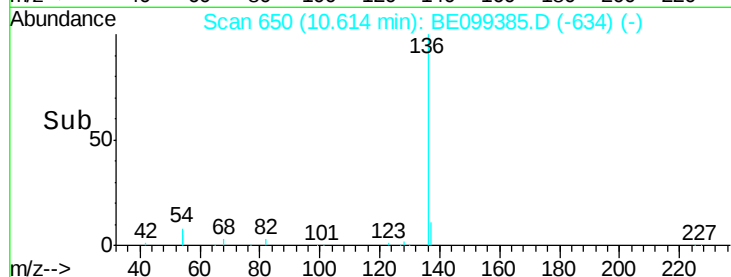


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.326 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

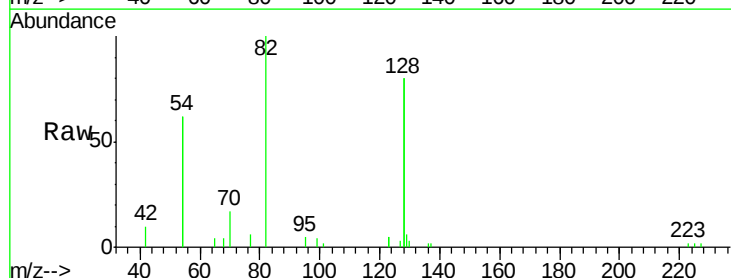
Tgt Ion: 82 Resp: 4081

Ion Ratio Lower Upper

82 100

128 159.7 91.7 137.5#

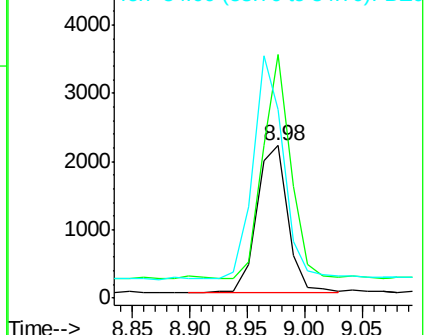
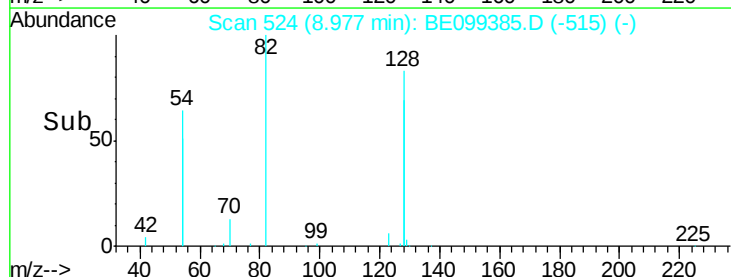
54 123.9 122.8 184.2

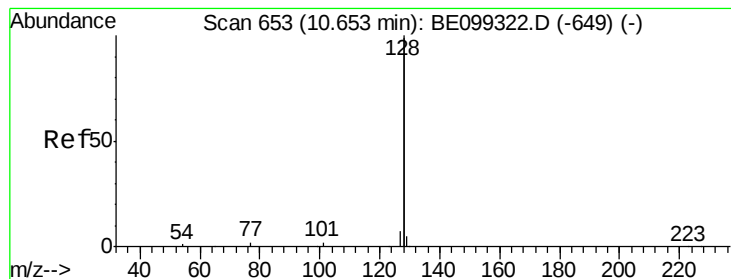


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.249 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

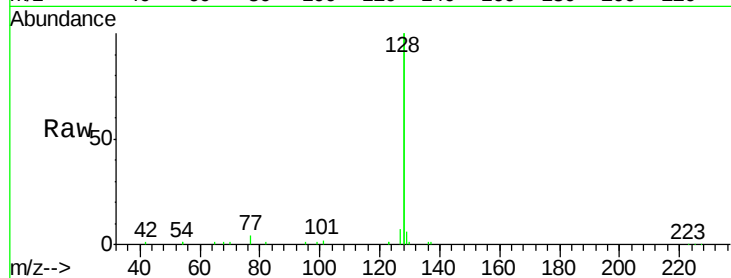
Tot Ion:128 Resp: 43797

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

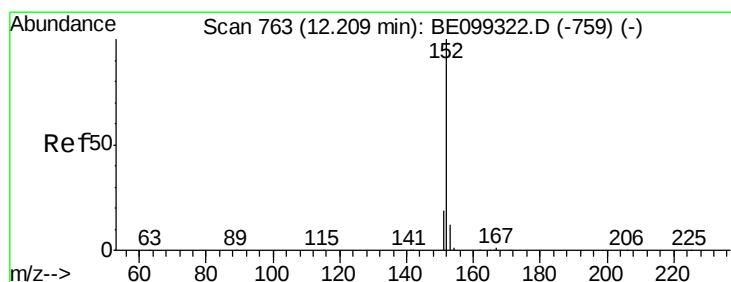
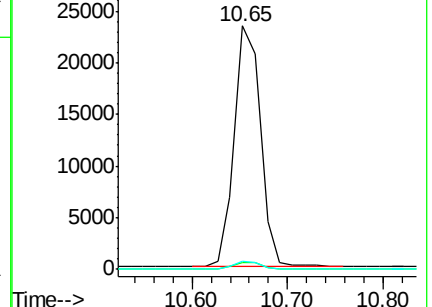
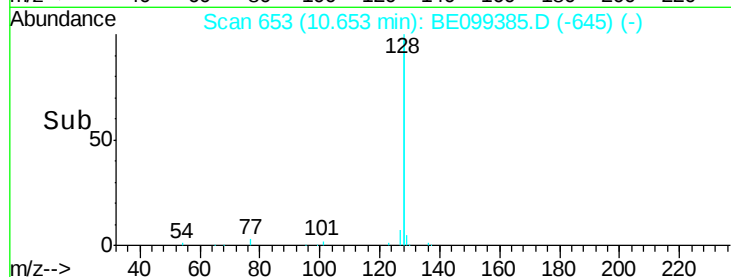
127 3.5 2.8 4.2



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: 0.263 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099385.D

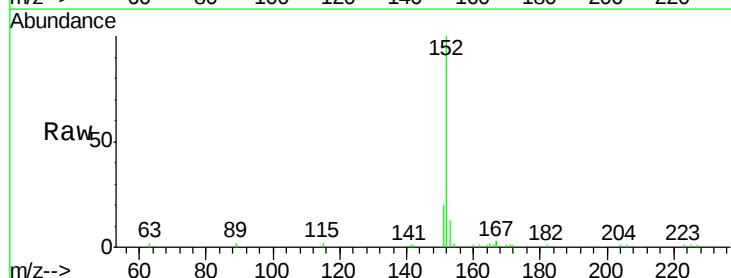
Acq: 26 Apr 2019 19:19

Tgt Ion:152 Resp: 7503

Ion Ratio Lower Upper

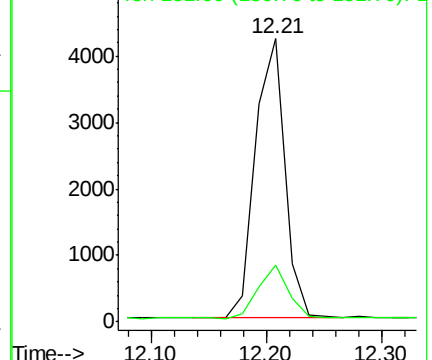
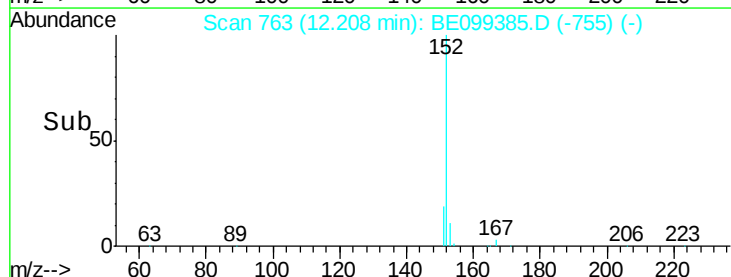
152 100

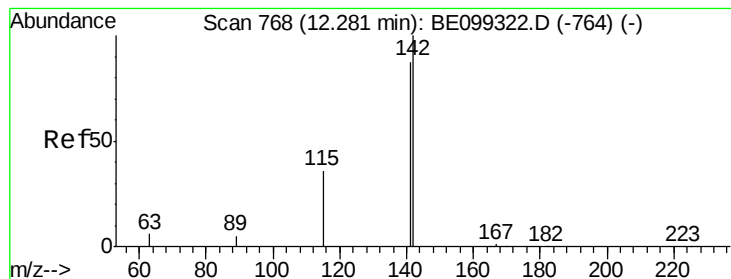
151 18.9 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.209 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

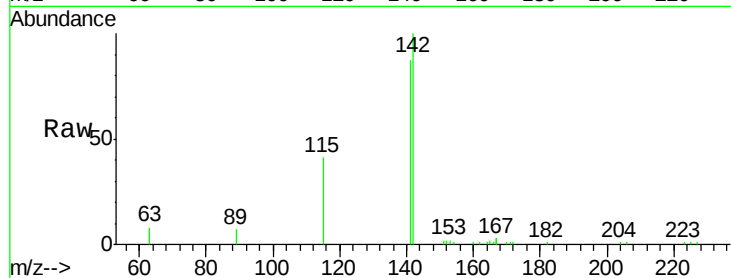
Tot Ion:142 Resp: 6253

Ion Ratio Lower Upper

142 100

141 86.5 72.0 108.0

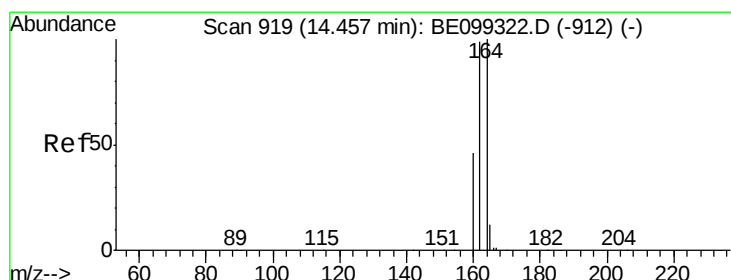
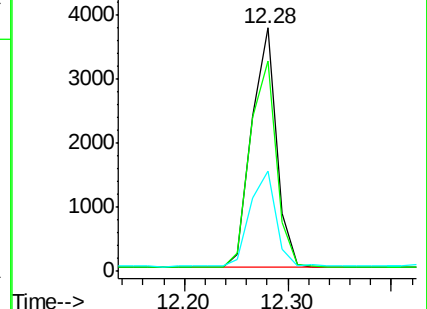
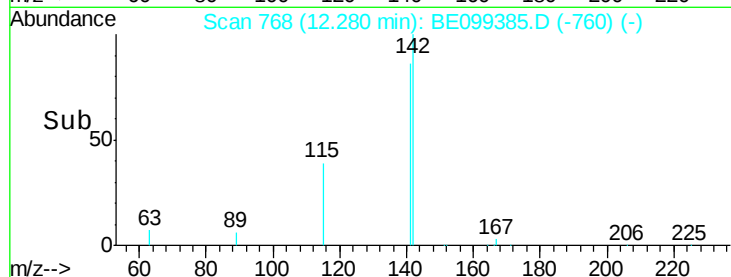
115 41.0 33.4 50.0



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

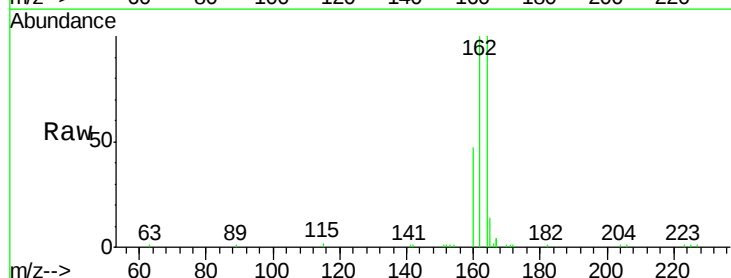
Tgt Ion:164 Resp: 10969

Ion Ratio Lower Upper

164 100

162 100.5 77.8 116.6

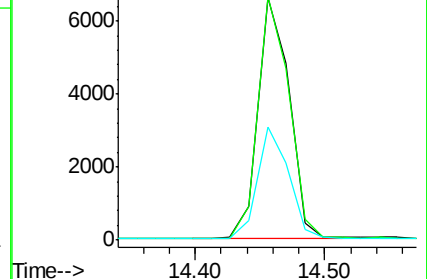
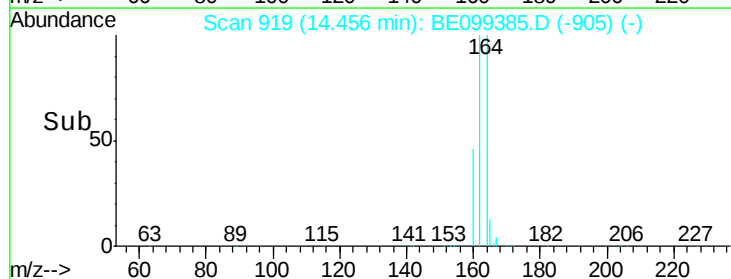
160 46.9 37.1 55.7

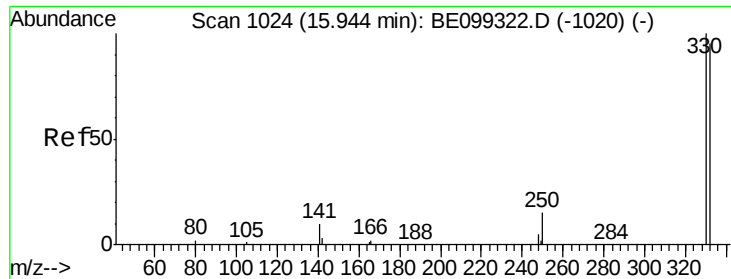


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

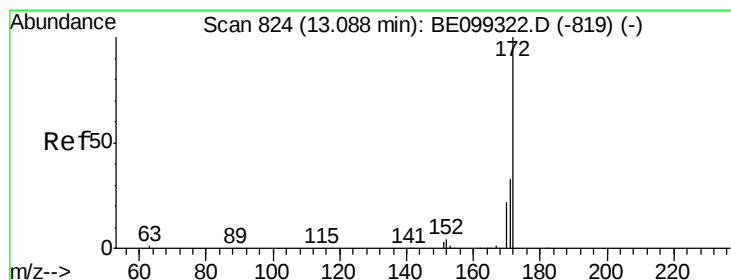
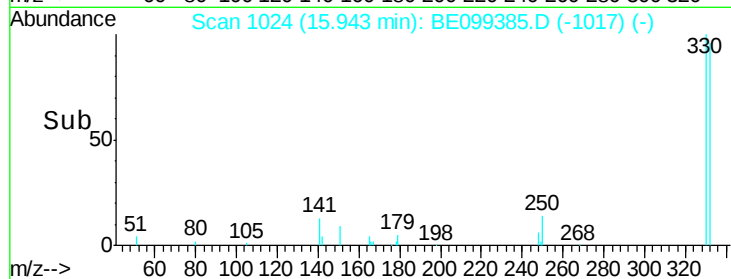
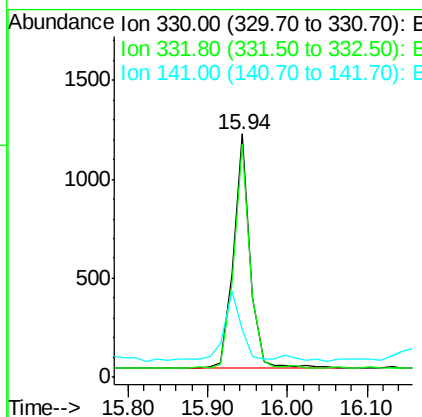
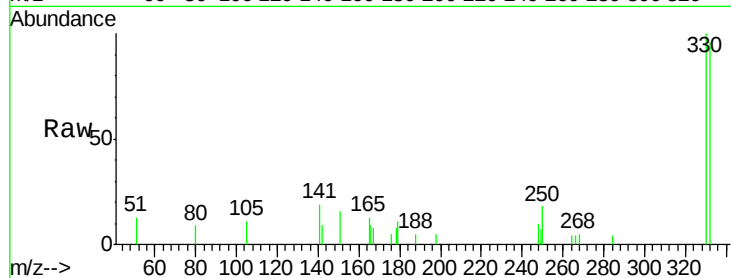




#14
 2,4,6-Tribromophenol
 Concen: 0.470 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099385.D
 Acq: 26 Apr 2019 19:19

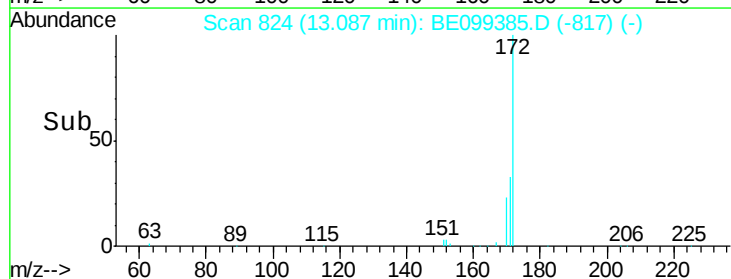
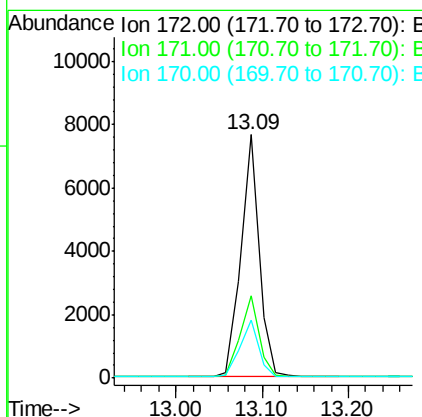
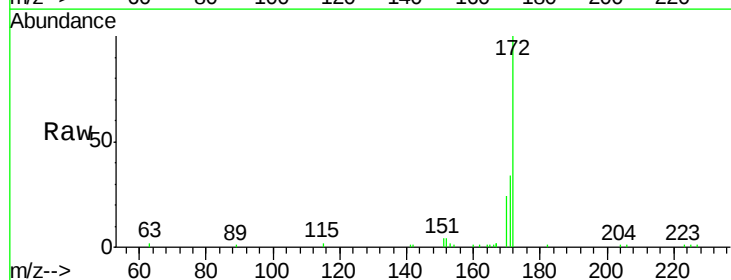
Instrument :
 BNA_E
 ClientSampleId :
 PST-003-SW024-042319

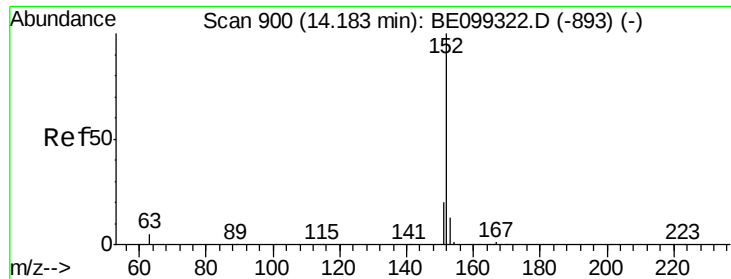
Tot Ion:330 Resp: 1712
 Ion Ratio Lower Upper
 330 100
 332 93.9 82.5 123.7
 141 28.7 24.9 37.3



#15
 2-Fluorobiphenyl
 Concen: 0.257 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099385.D
 Acq: 26 Apr 2019 19:19

Tgt Ion:172 Resp: 11080
 Ion Ratio Lower Upper
 172 100
 171 34.0 26.2 39.2
 170 23.6 18.1 27.1





#16

Acenaphthylene

Concen: 0.031 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

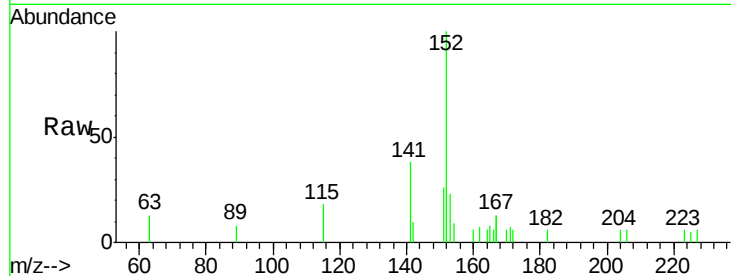
Tot Ion:152 Resp: 1549

Ion Ratio Lower Upper

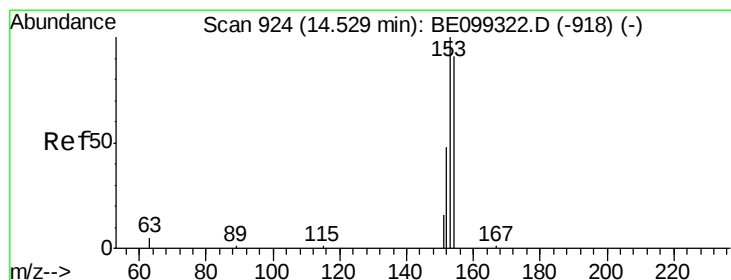
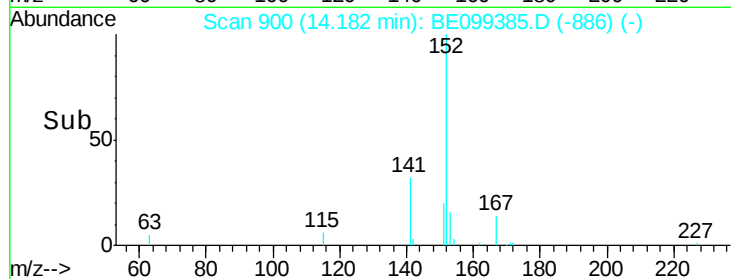
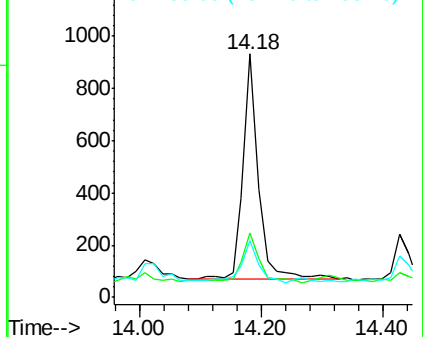
152 100

151 25.1 15.5 23.3#

153 21.9 10.2 15.4#



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: 0.224 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

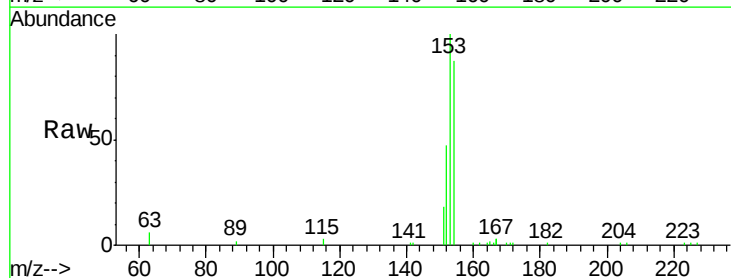
Tgt Ion:154 Resp: 6852

Ion Ratio Lower Upper

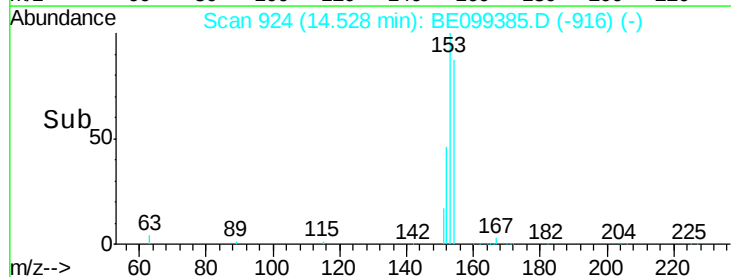
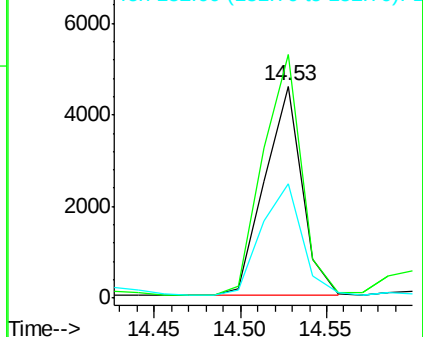
154 100

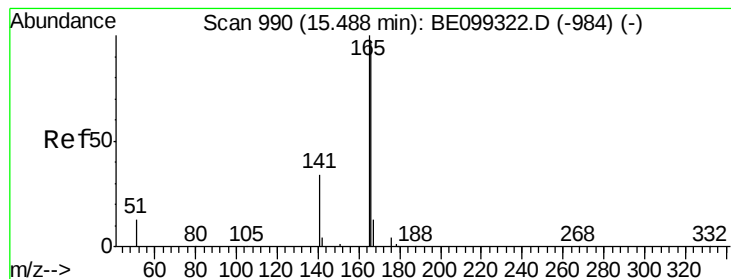
153 119.8 94.7 142.1

152 57.6 46.4 69.6



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: 0.164 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

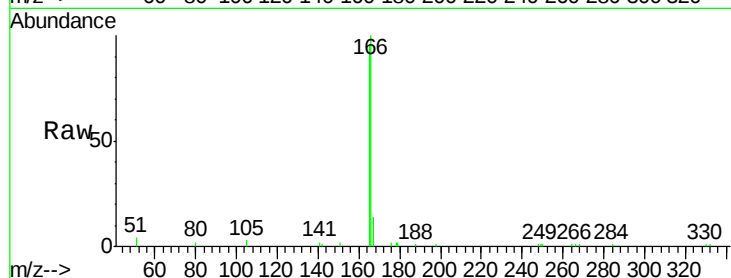
Tot Ion:166 Resp: 7193

Ion Ratio Lower Upper

166 100

165 98.0 79.7 119.5

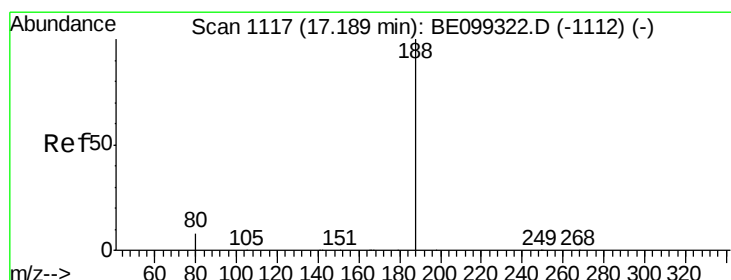
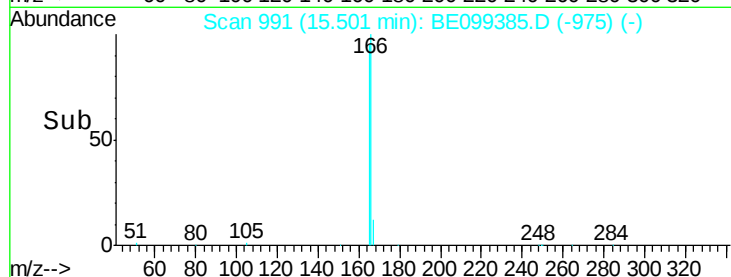
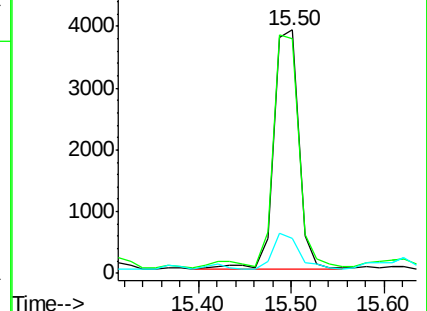
167 15.2 11.0 16.4



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: BE099385.D

Acq: 26 Apr 2019 19:19

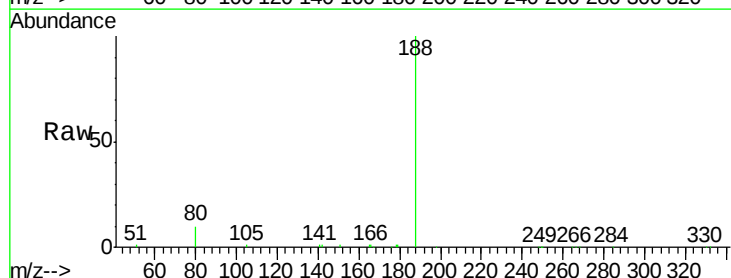
Tgt Ion:188 Resp: 29241

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

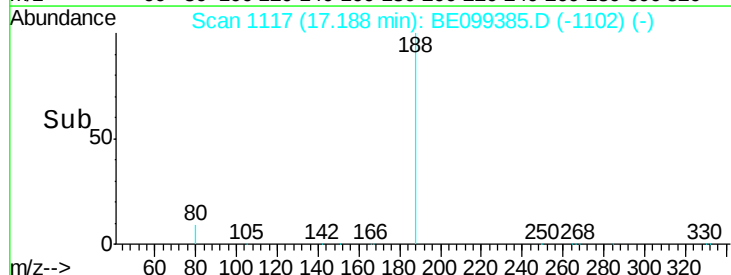
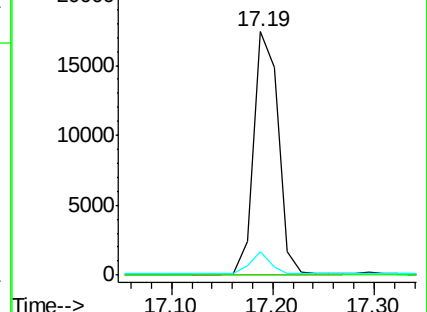
80 9.5 6.2 9.4#

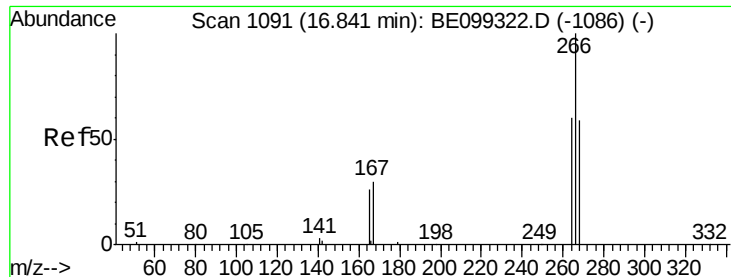


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.226 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

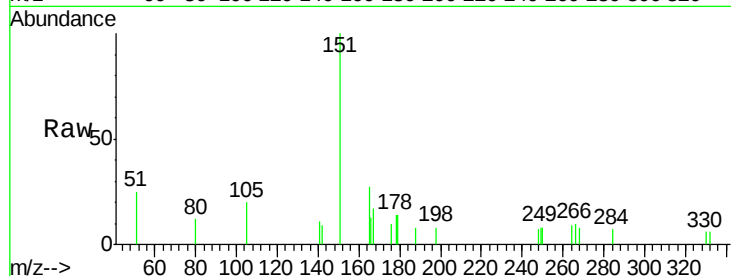
Tot Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 94.7 54.5 81.7#

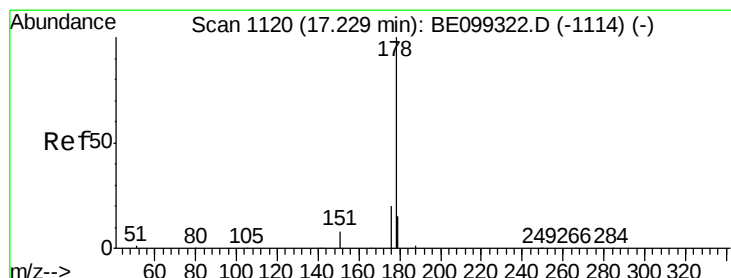
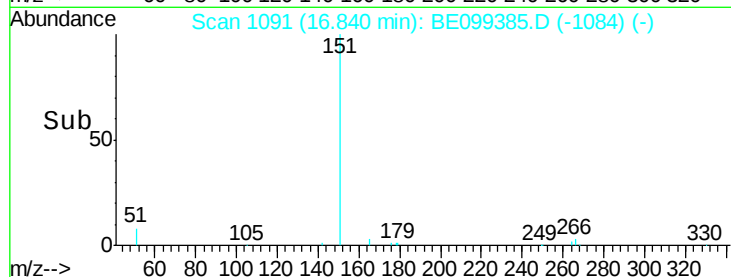
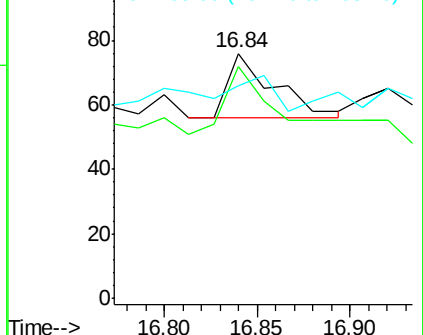
268 86.8 54.3 81.5#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 1.855 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

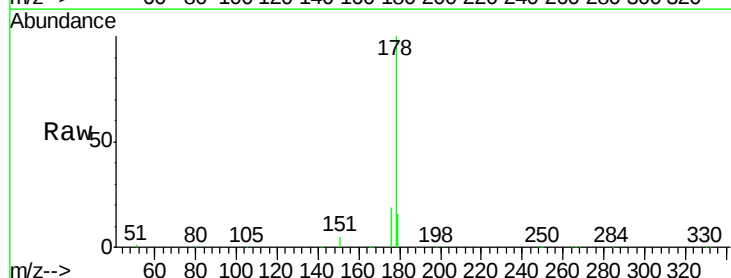
Tgt Ion:178 Resp: 143672

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

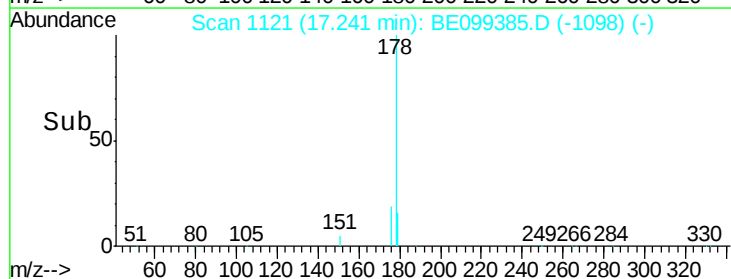
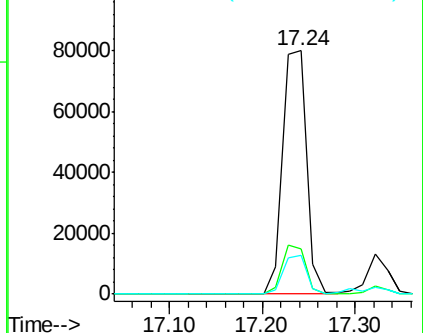
179 15.3 12.4 18.6

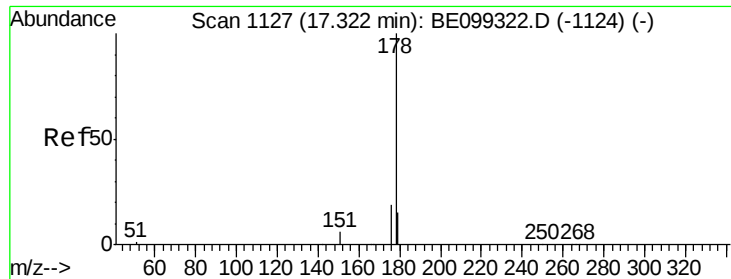


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.292 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

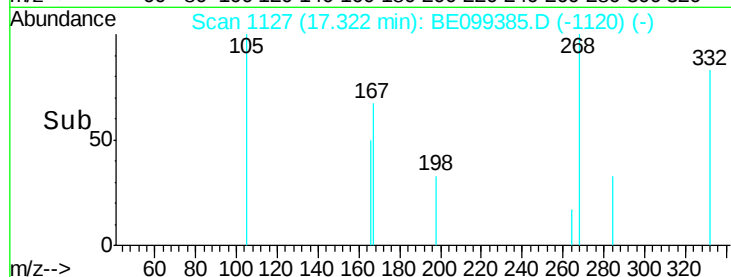
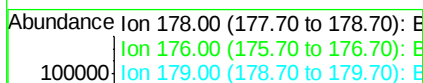
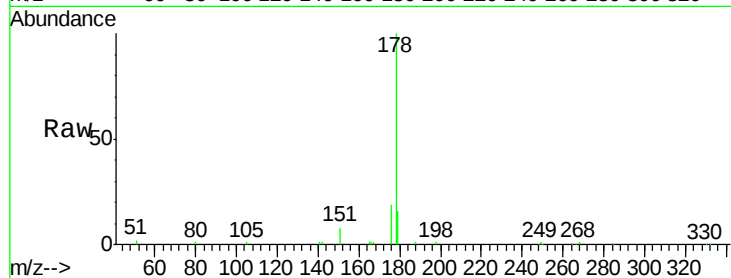
Tot Ion:178 Resp: 20123

Ion Ratio Lower Upper

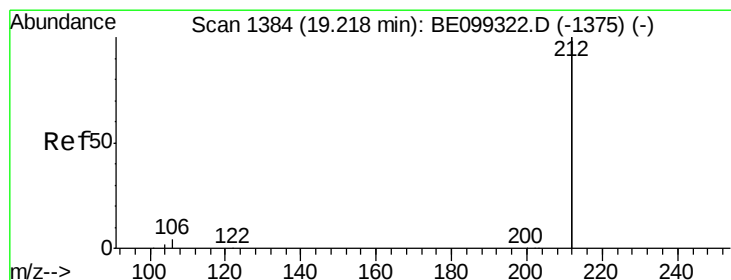
178 100

176 18.1 15.1 22.7

179 23.8 11.9 17.9#



Time-->



#25

Fluoranthene-d10

Concen: 0.252 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

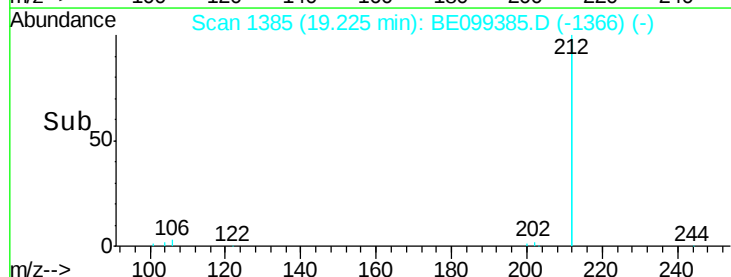
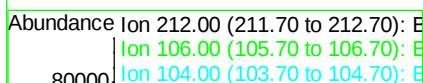
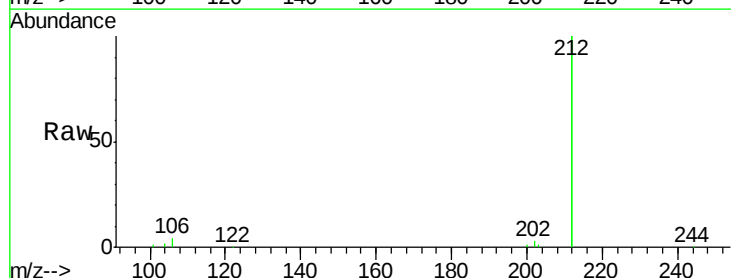
Tgt Ion:212 Resp: 88416

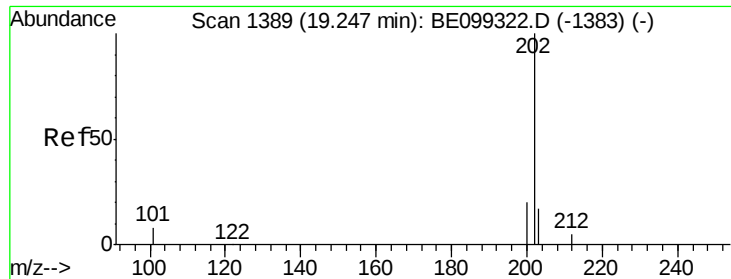
Ion Ratio Lower Upper

212 100

106 1.9 1.8 2.6

104 1.0 1.0 1.4

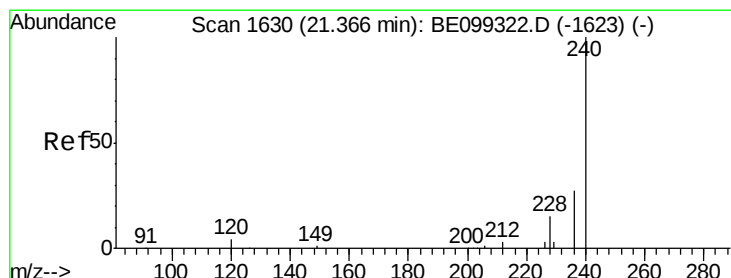
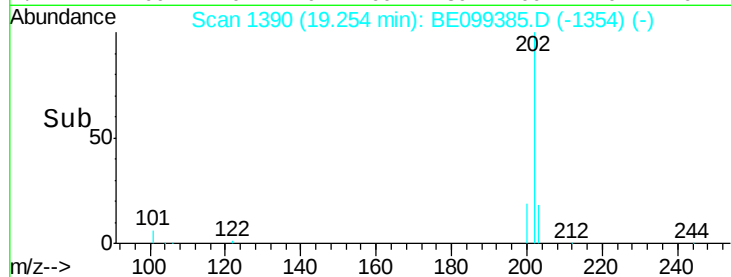
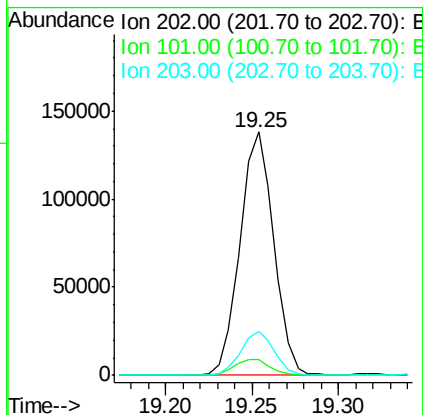
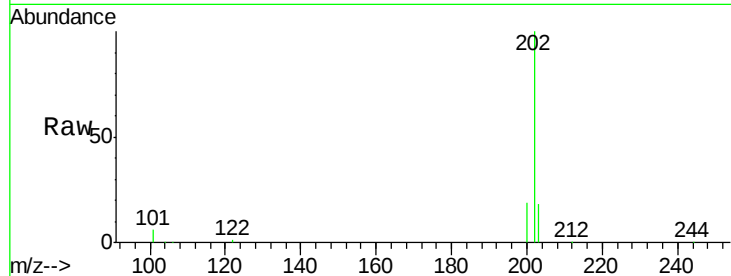




#26
 Fluoranthene
 Concen: 1.807 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BE099385.D
 Acq: 26 Apr 2019 19:19

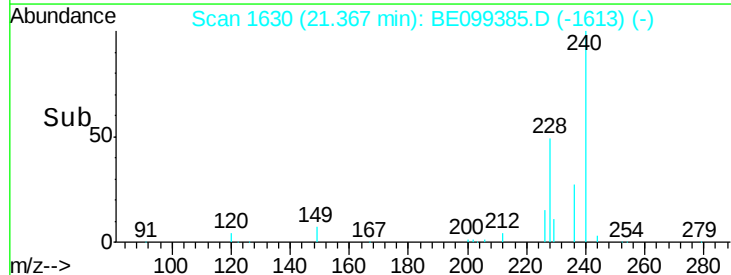
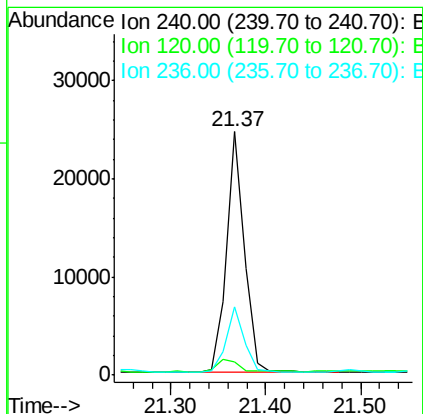
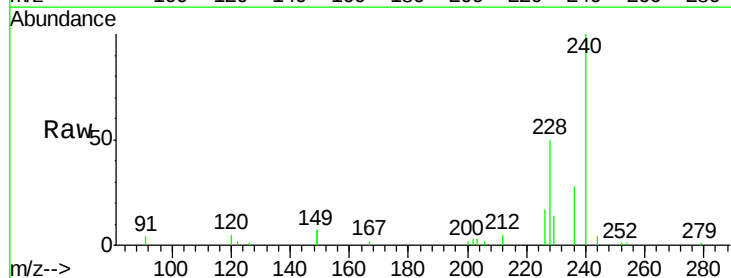
Instrument :
 BNA_E
 ClientSampleId :
 PST-003-SW024-042319

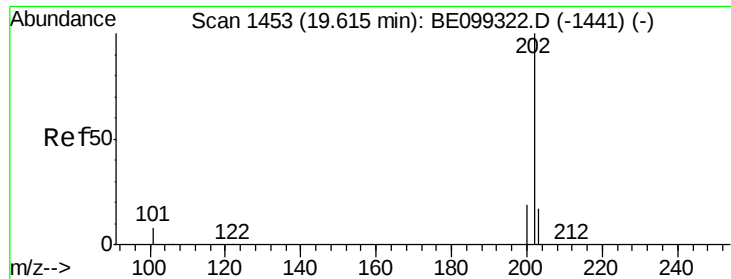
Tot Ion:202 Resp: 187238
 Ion Ratio Lower Upper
 202 100
 101 6.7 6.4 9.6
 203 17.6 13.5 20.3



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099385.D
 Acq: 26 Apr 2019 19:19

Tgt Ion:240 Resp: 32236
 Ion Ratio Lower Upper
 240 100
 120 5.3 2.2 3.2#
 236 28.1 20.2 30.4

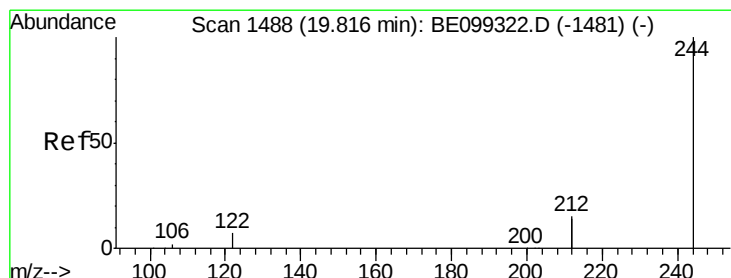
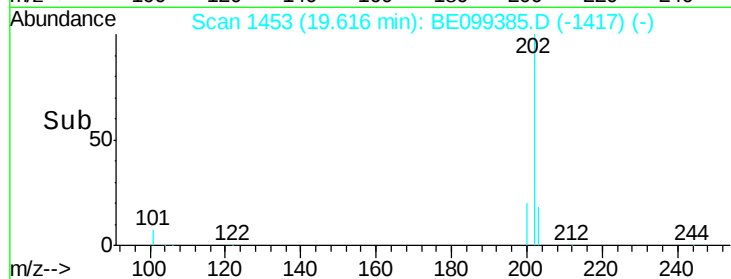
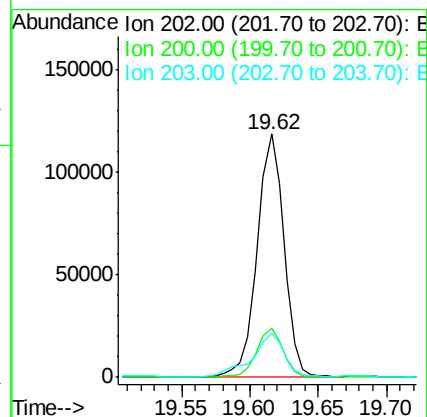
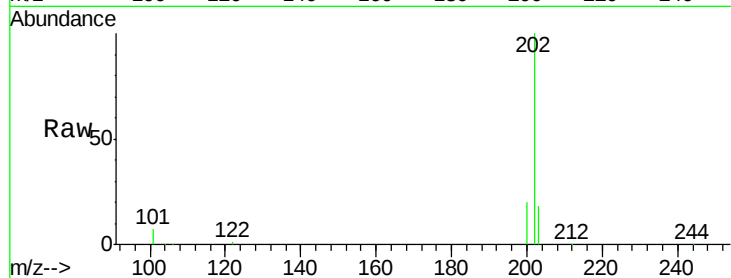




#28
Pvrene
Concen: 1.690 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE099385.D
Acq: 26 Apr 2019 19:19

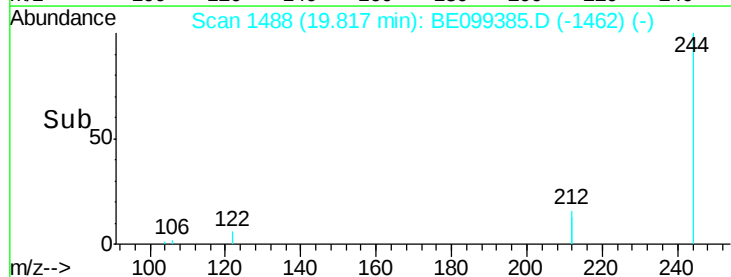
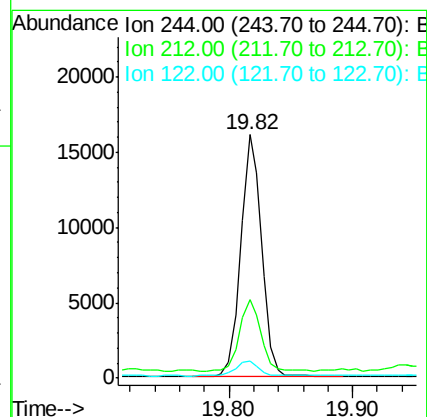
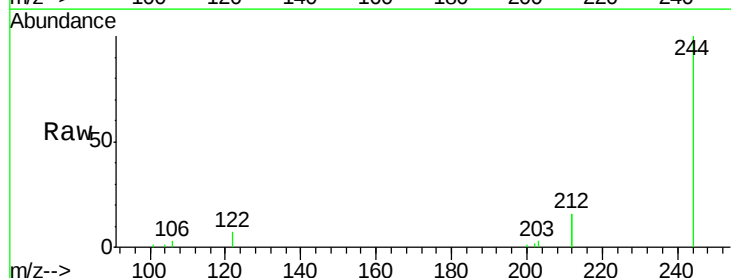
Instrument :
BNA_E
ClientSampleId :
PST-003-SW024-042319

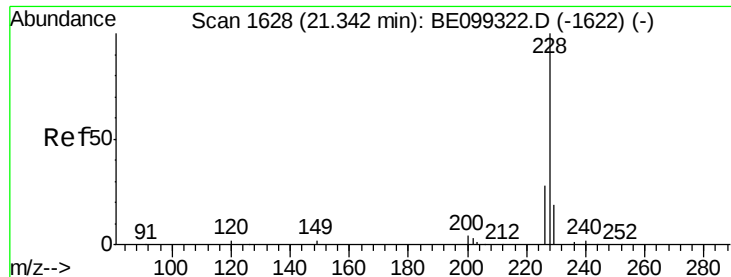
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	21.6	13.7	20.5



#29
Terphenyl-d14
Concen: 0.297 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099385.D
Acq: 26 Apr 2019 19:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	32.3	22.6	33.8
122	7.0	4.6	7.0





#30

Benzo(a)anthracene

Concen: 1.010 ng

RT: 21.36 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

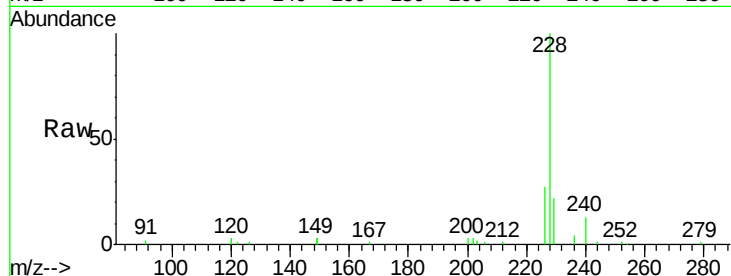
Tot Ion:228 Resp: 95748

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

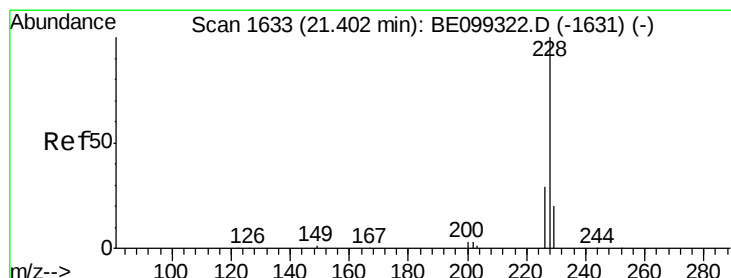
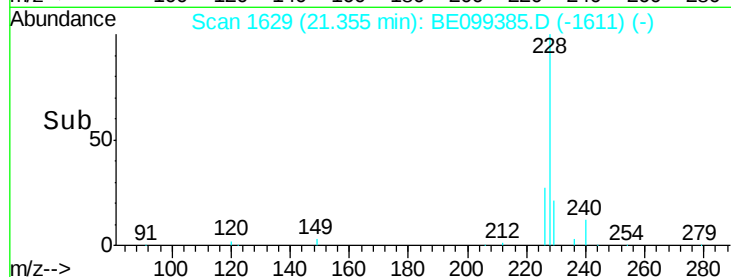
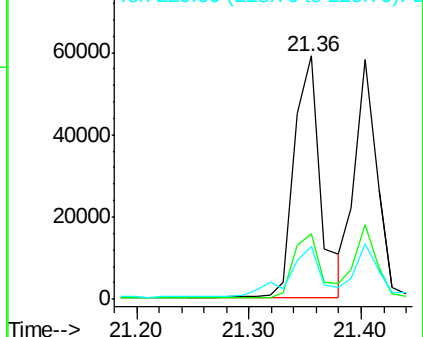
229 21.6 15.8 23.8



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



#31

Chrysene

Concen: 0.777 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

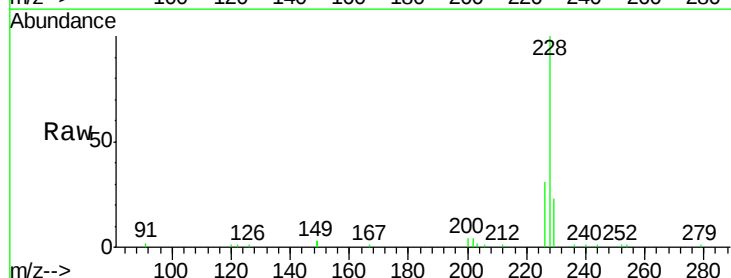
Tgt Ion:228 Resp: 78340

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

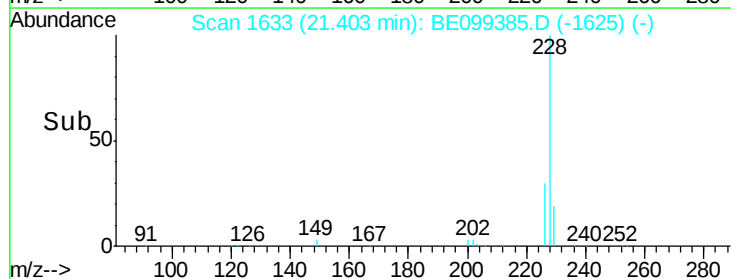
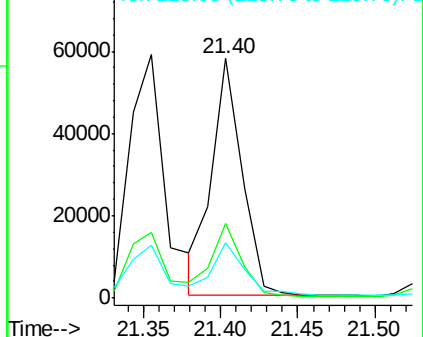
229 23.2 16.2 24.2

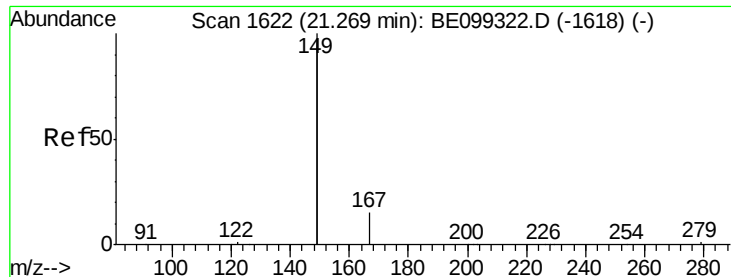


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.191 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

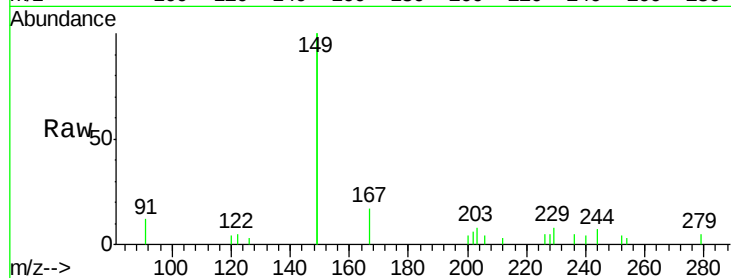
Tot Ion:149 Resp: 16482

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

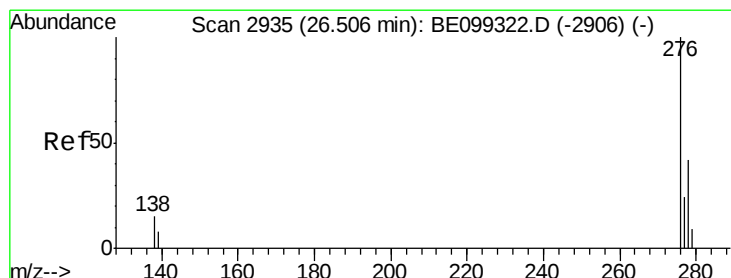
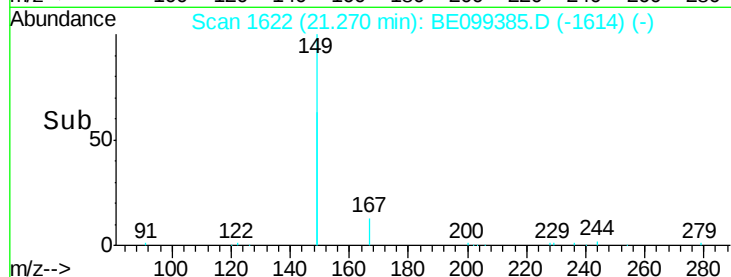
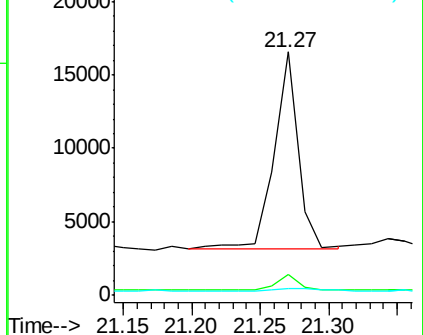
279 1.9 1.1 1.7#



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: 0.362 ng

RT: 26.52 min Scan# 2938

Delta R.T. 0.02 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

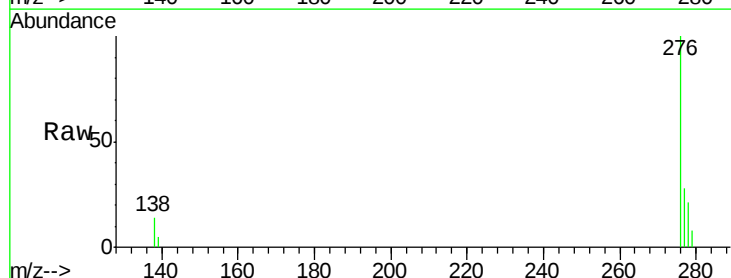
Tgt Ion:276 Resp: 36088

Ion Ratio Lower Upper

276 100

138 10.1 12.7 19.1#

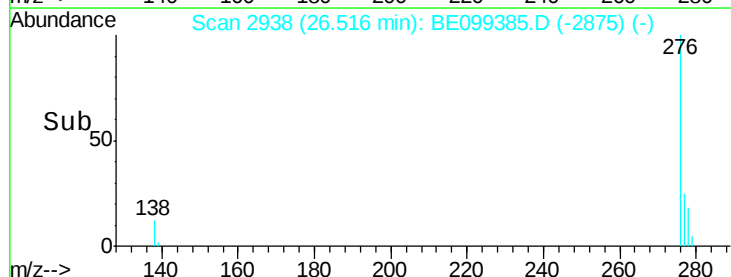
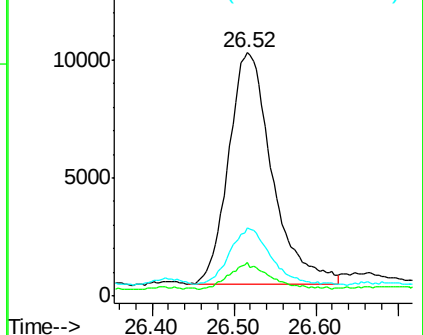
277 22.2 19.6 29.4

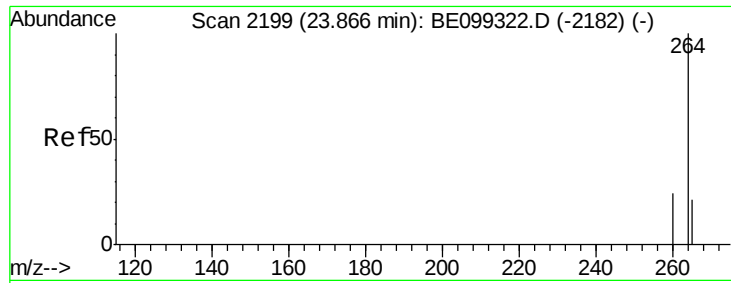


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

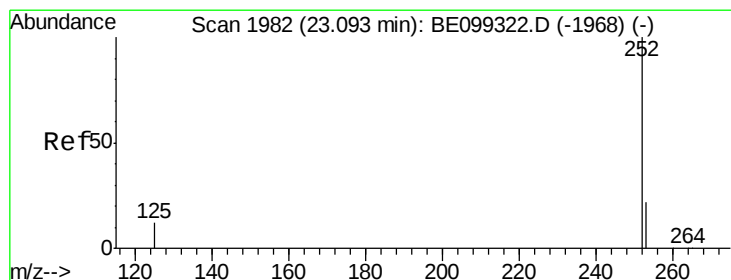
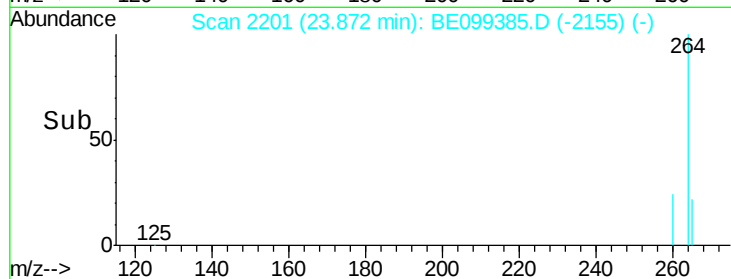
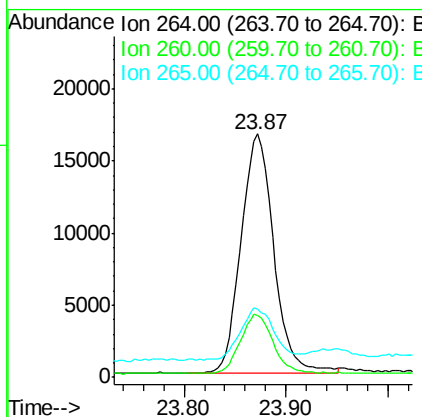
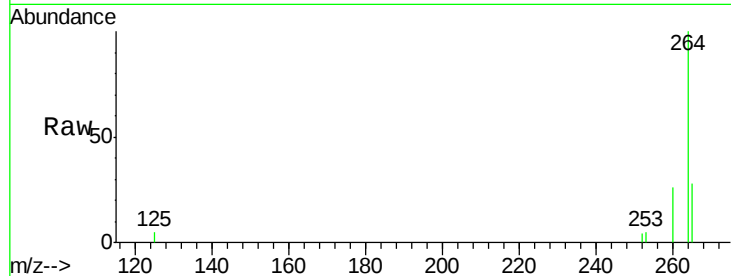




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE099385.D
Acq: 26 Apr 2019 19:19

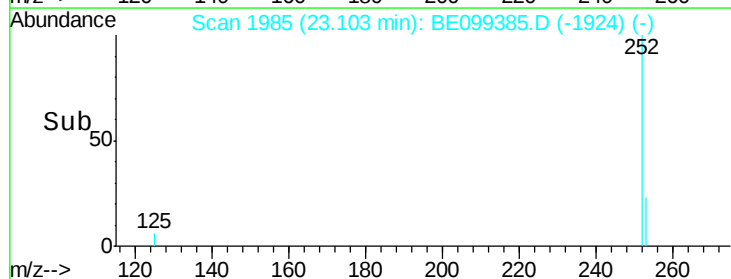
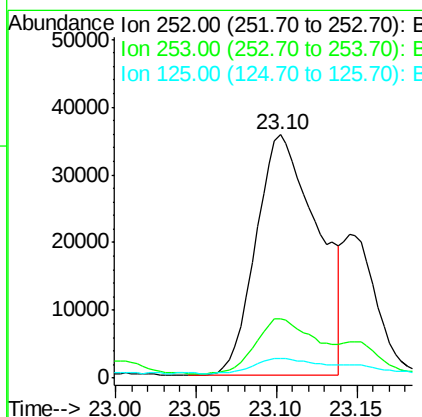
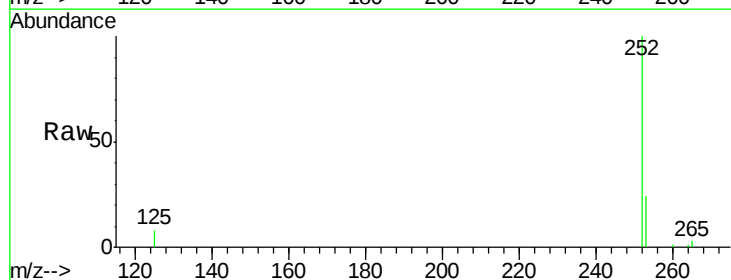
Instrument :
BNA_E
ClientSampleId :
PST-003-SW024-042319

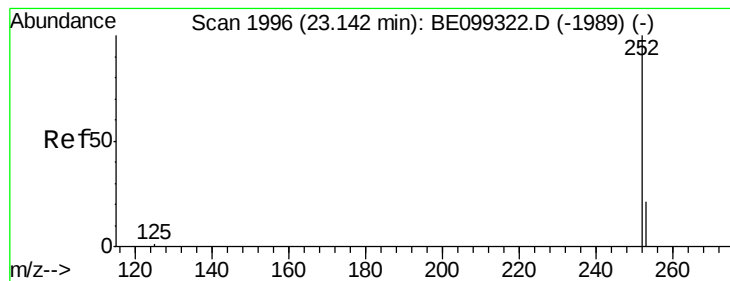
Tot Ion:264 Resp: 37094
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 28.2 19.9 29.9



#35
Benzo(b)fluoranthene
Concen: 0.831 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BE099385.D
Acq: 26 Apr 2019 19:19

Tgt Ion:252 Resp: 94394
Ion Ratio Lower Upper
252 100
253 24.2 17.3 25.9
125 8.3 5.8 8.6





#36

Benzo(k)fluoranthene

Concen: 0.834 ng

RT: 23.10 min Scan# 1985

Delta R.T. -0.03 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

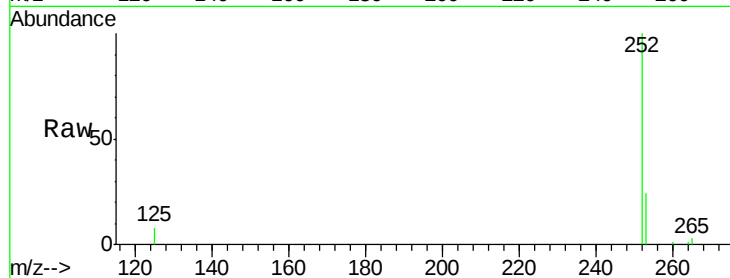
Tot Ion:252 Resp: 94394

Ion Ratio Lower Upper

252 100

253 24.2 18.4 27.6

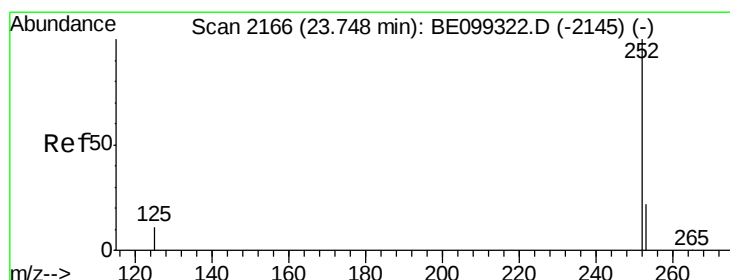
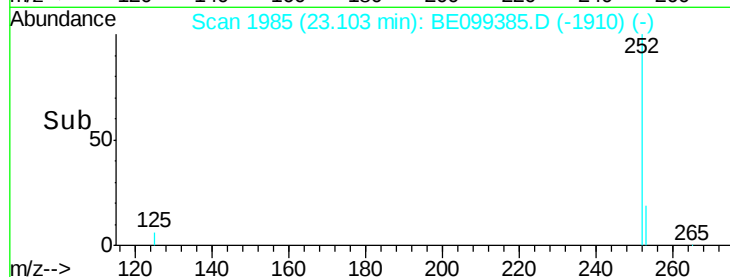
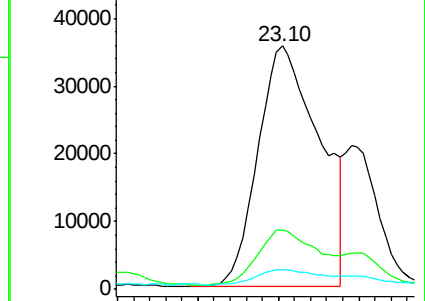
125 8.3 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.663 ng

RT: 23.75 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

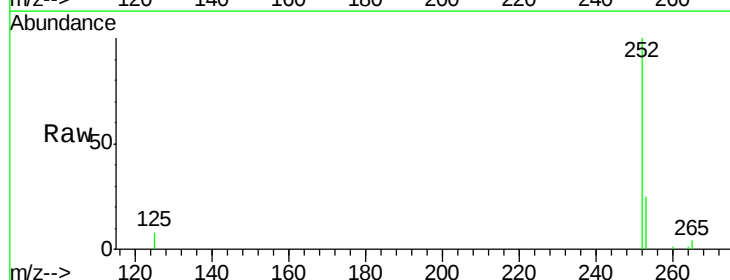
Tgt Ion:252 Resp: 67506

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

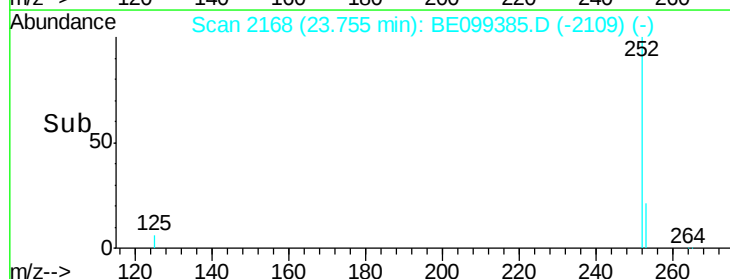
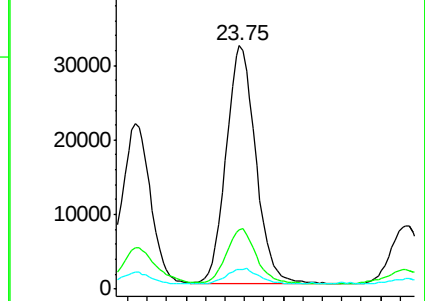
125 8.1 6.5 9.7

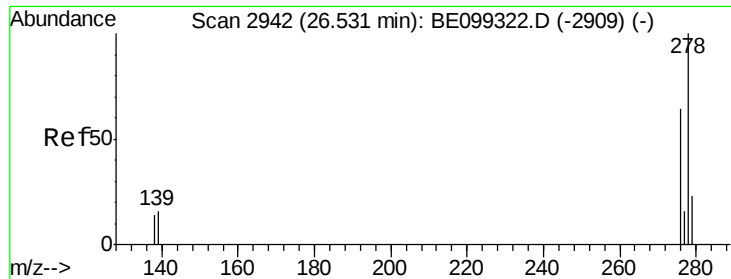


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.085 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.02 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

Instrument :

BNA_E

ClientSampleId :

PST-003-SW024-042319

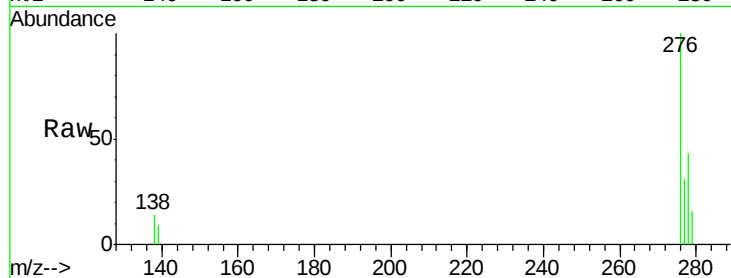
Tot Ion:278 Resp: 8830

Ion Ratio Lower Upper

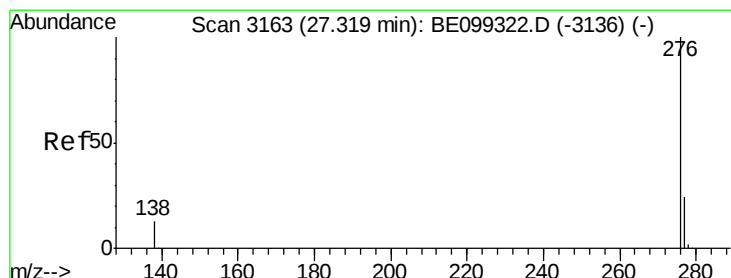
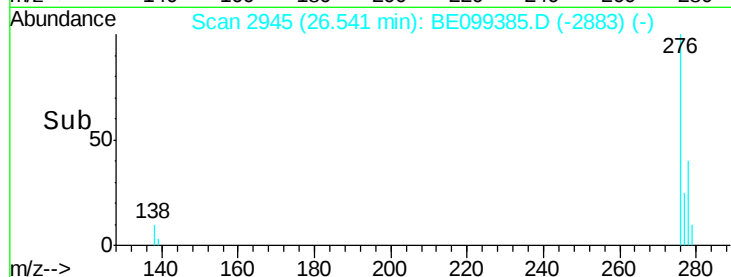
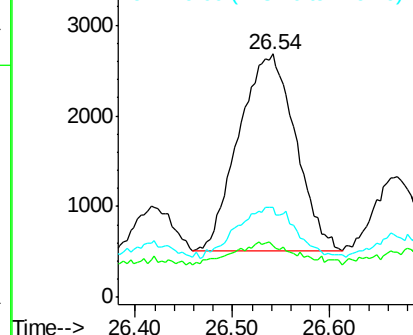
278 100

139 21.0 8.5 12.7#

279 36.9 19.8 29.8#



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: 0.313 ng

RT: 27.34 min Scan# 3168

Delta R.T. 0.03 min

Lab File: BE099385.D

Acq: 26 Apr 2019 19:19

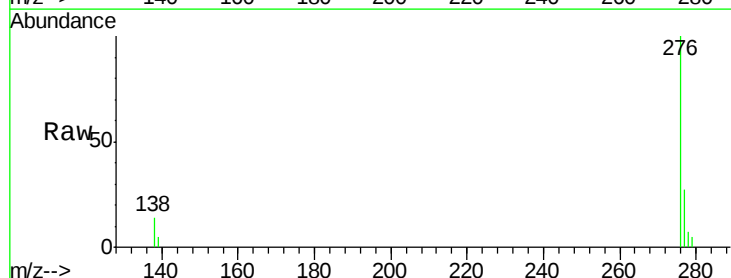
Tgt Ion:276 Resp: 33048

Ion Ratio Lower Upper

276 100

277 27.1 20.0 30.0

138 13.6 11.1 16.7



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

