

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099383.D
 Acq On : 26 Apr 2019 18:05
 Operator : JU/SJ
 Sample : K2569-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-003-SW093-042319

Quant Time: Apr 27 05:07:03 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	4082	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	16341	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	11539	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	30701	0.40	ng	0.00
27) Chrysene-d12	21.37	240	34056	0.40	ng	0.00
34) Perylene-d12	23.87	264	39724	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	4560	0.46	ng	0.01
5) Phenol-d6	6.98	99	7127	0.50	ng	0.00
8) Nitrobenzene-d5	8.96	82	5852	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	10926	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2557	0.67	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16296	0.36	ng	0.00
25) Fluoranthene-d10	19.22	212	135930	0.37	ng	0.00
29) Terphenyl-d14	19.82	244	29281	0.44	ng	0.00

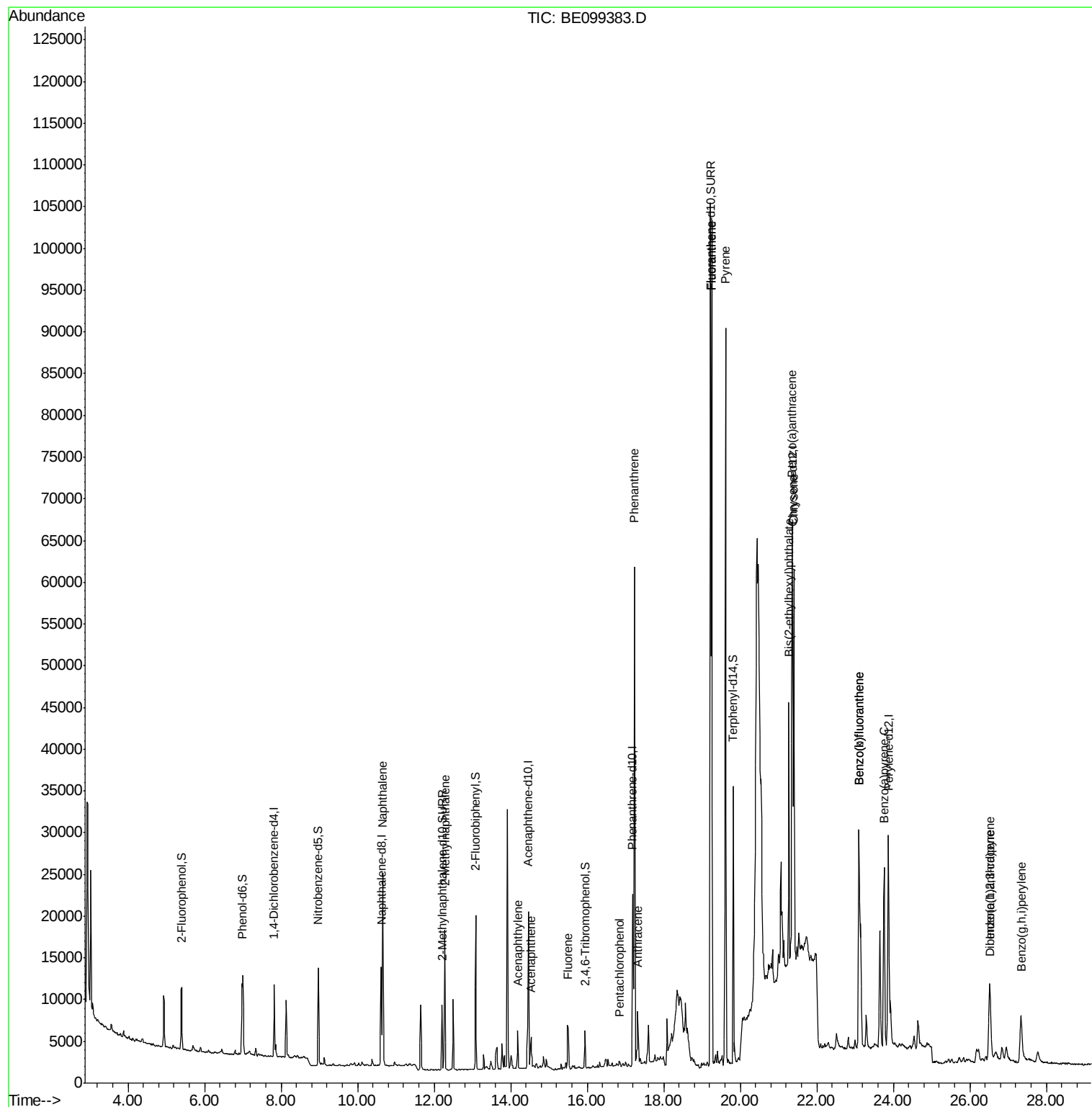
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.65	128	37142	0.208	ng	100
12) 2-Methylnaphthalene	12.28	142	12044	0.397	ng	96
16) Acenaphthylene	14.18	152	4478	0.086	ng	97
17) Acenaphthene	14.53	154	1916	0.060	ng	96
18) Fluorene	15.49	166	5002	0.108	ng	93
22) Pentachlorophenol	16.84	266	39	0.226	ng	# 74
23) Phenanthrene	17.23	178	68913	0.848	ng	99
24) Anthracene	17.32	178	7318	0.101	ng	# 83
26) Fluoranthene	19.25	202	93918	0.863	ng	98
28) Pvrene	19.62	202	81842	0.816	ng	# 96
30) Benzo(a)anthracene	21.35	228	43247	0.432	ng	96
31) Chrysene	21.40	228	41712	0.391	ng	94
32) Bis(2-ethylhexyl)phthalate	21.27	149	32460	0.356	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	20733	0.197	ng	# 88
35) Benzo(b)fluoranthene	23.10	252	48323	0.397	ng	# 88
36) Benzo(k)fluoranthene	23.10	252	48323	0.399	ng	# 90
37) Benzo(a)pvrene	23.76	252	35038	0.322	ng	# 86
38) Dibenzo(a,h)anthracene	26.55	278	5647	0.051	ng	# 56
39) Benzo(g,h,i)perylene	27.33	276	17560	0.156	ng	# 91

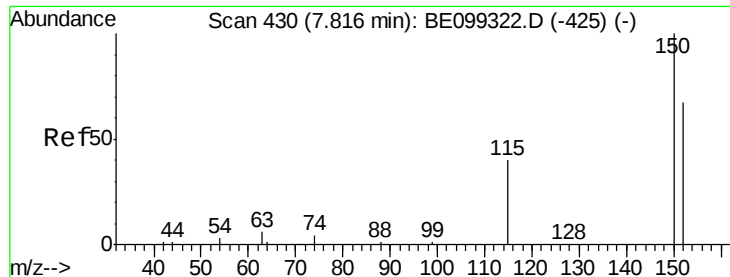
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

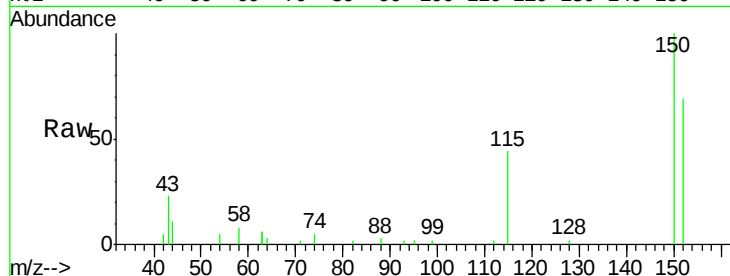
Tot Ion:152 Resp: 4082

Ion Ratio Lower Upper

152 100

150 145.7 119.5 179.3

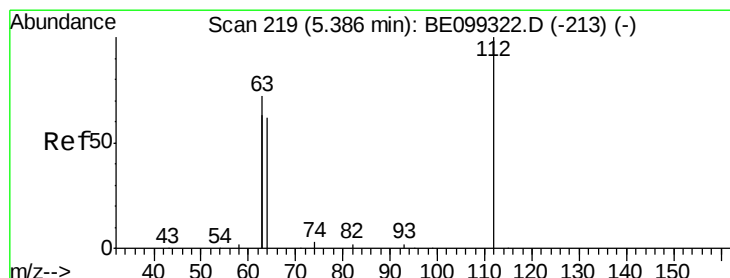
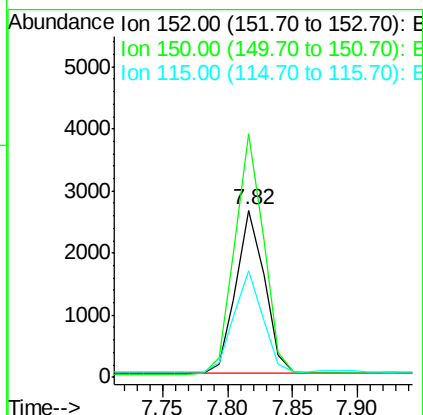
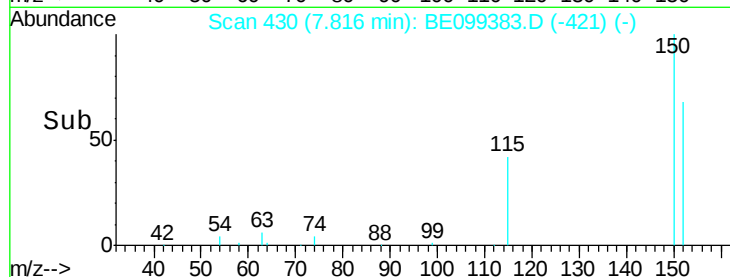
115 63.5 47.5 71.3



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



#4

2-Fluorophenol

Concen: 0.457 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

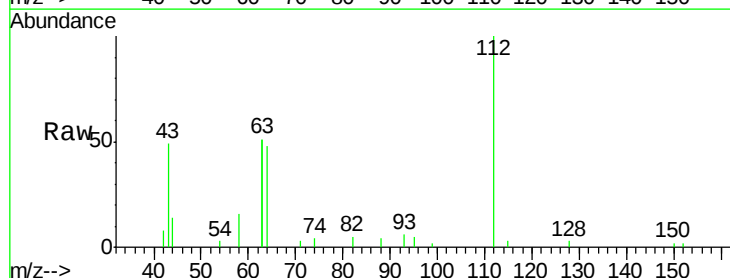
Tgt Ion:112 Resp: 4560

Ion Ratio Lower Upper

112 100

64 57.1 44.9 67.3

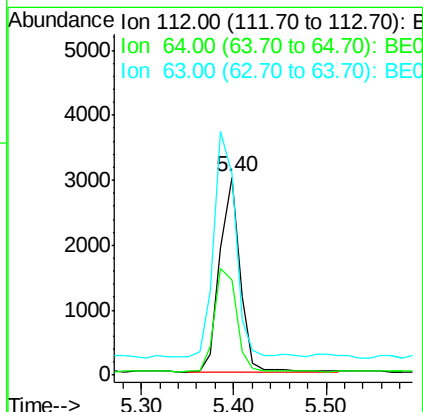
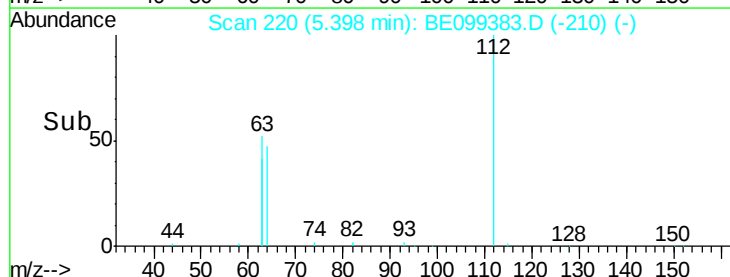
63 124.8 97.4 146.0

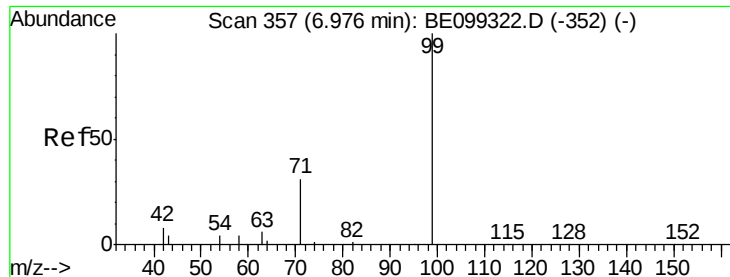


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.501 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

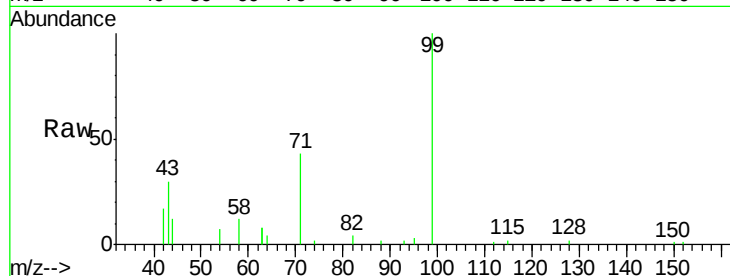
Tot Ion: 99 Resp: 7127

Ion Ratio Lower Upper

99 100

42 19.7 11.7 17.5#

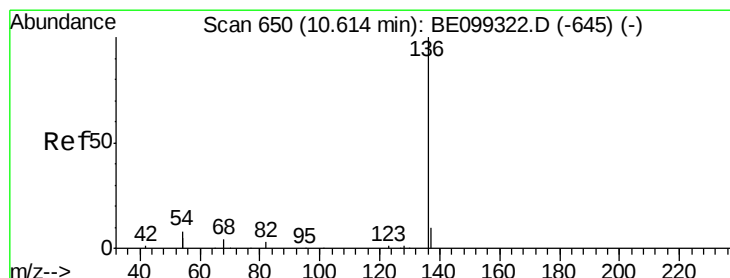
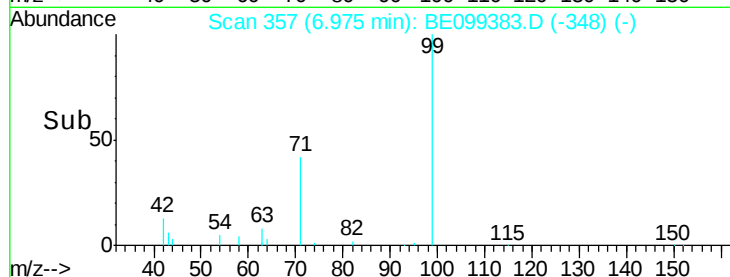
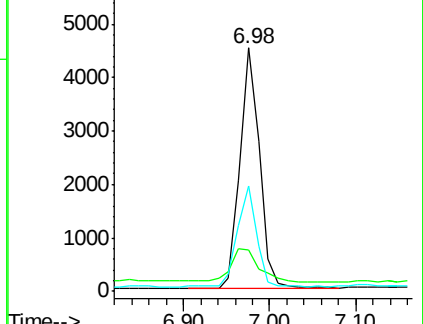
71 41.3 29.6 44.4



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: BE099383.D

Acq: 26 Apr 2019 18:05

Tgt Ion: 136 Resp: 16341

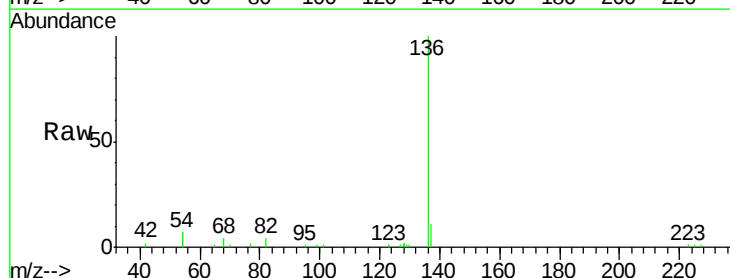
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 14.8 23.8 35.8#

68 4.0 6.4 9.6#

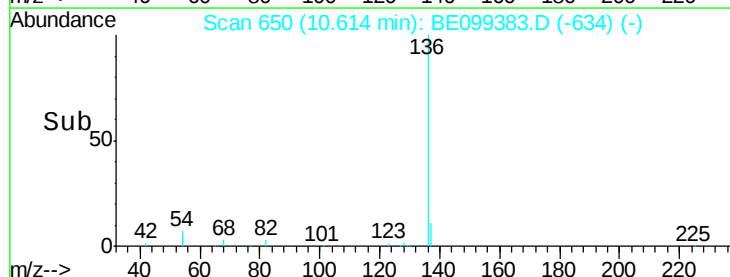
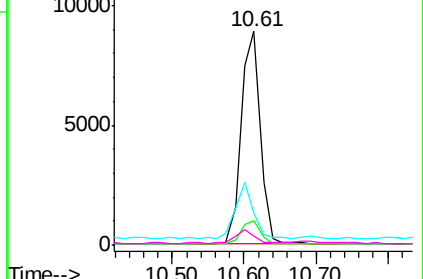


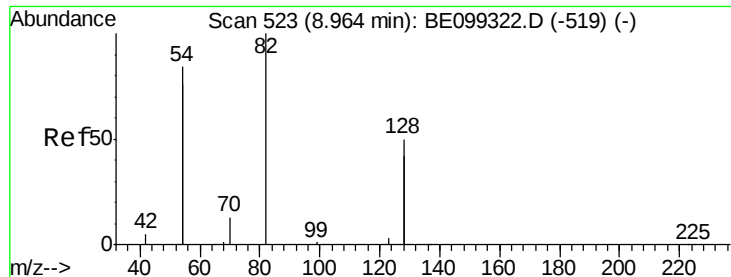
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.461 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

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PST-003-SW093-042319

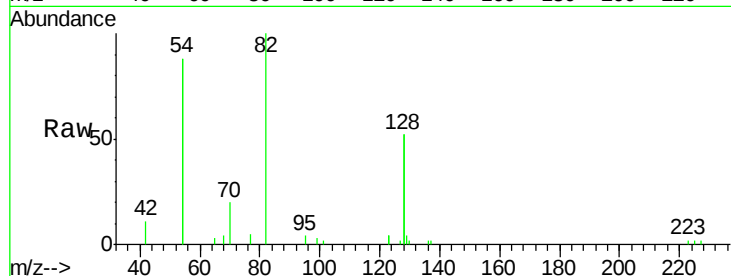
Tot Ion: 82 Resp: 5852

Ion Ratio Lower Upper

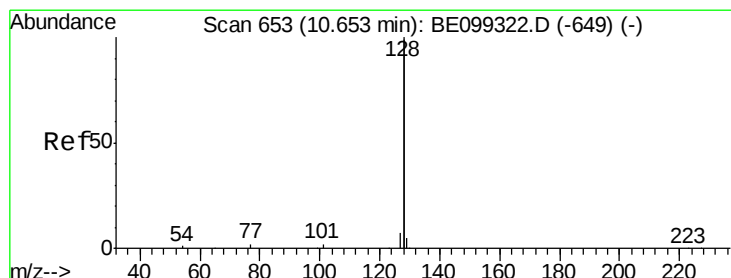
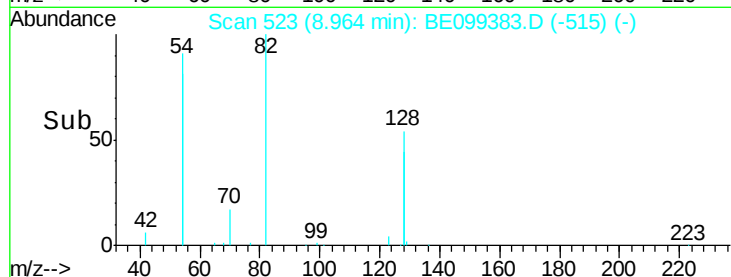
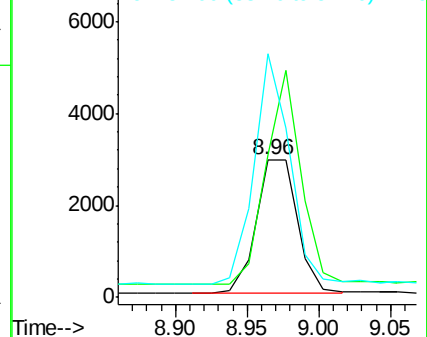
82 100

128 103.7 91.7 137.5

54 176.8 122.8 184.2



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



#9

Naphthalene

Concen: 0.208 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

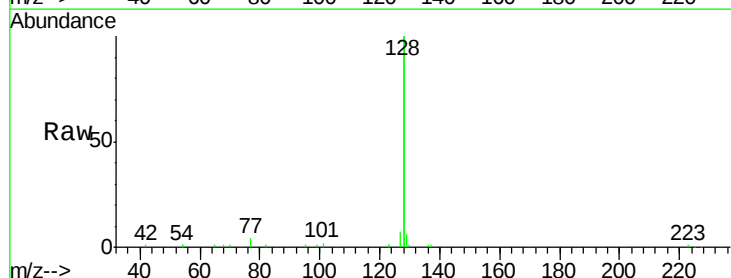
Tgt Ion: 128 Resp: 37142

Ion Ratio Lower Upper

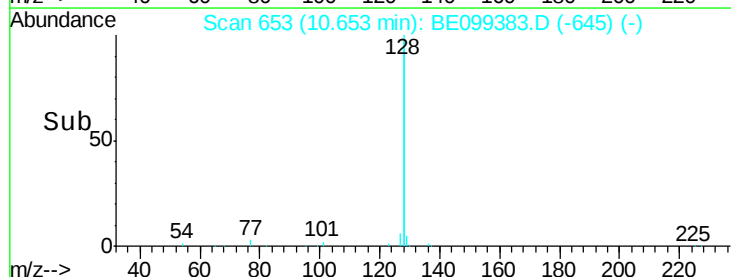
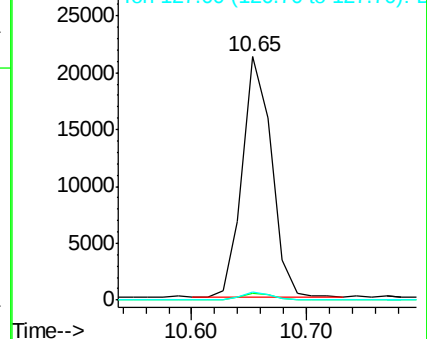
128 100

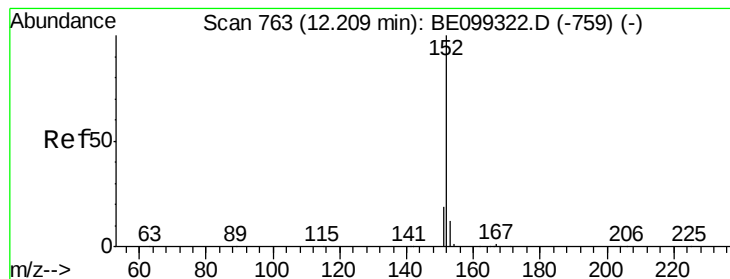
129 3.0 2.3 3.5

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: 0.379 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

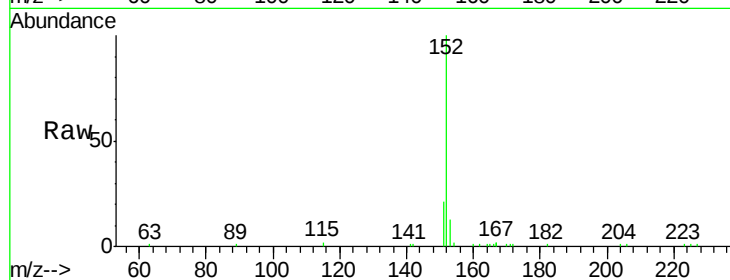
PST-003-SW093-042319

Tot Ion:152 Resp: 10926

Ion Ratio Lower Upper

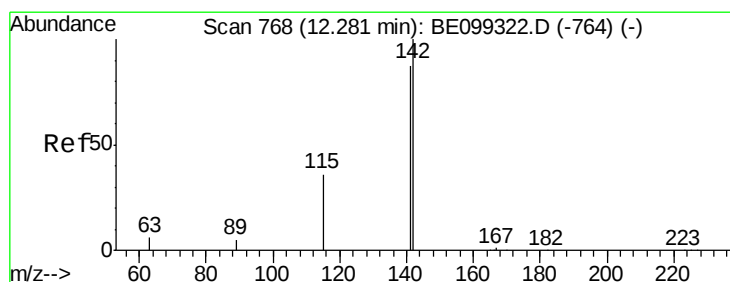
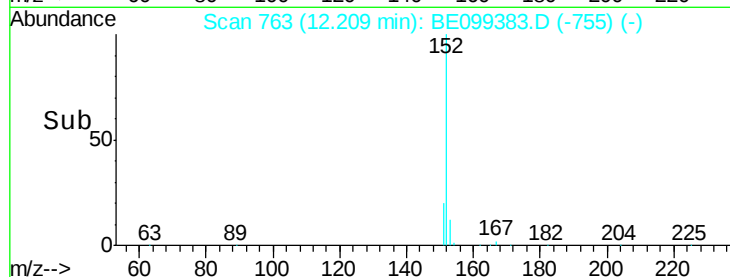
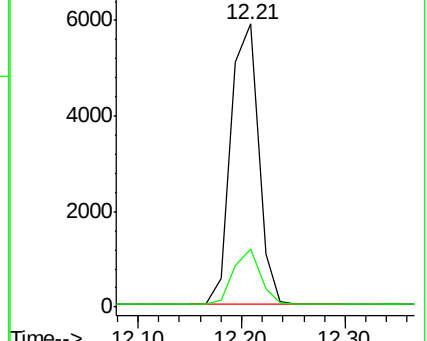
152 100

151 20.2 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: 0.397 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

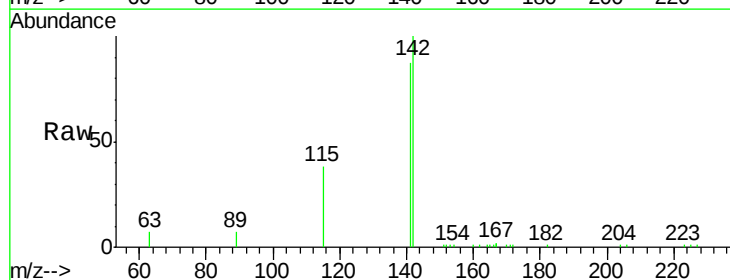
Tgt Ion:142 Resp: 12044

Ion Ratio Lower Upper

142 100

141 87.3 72.0 108.0

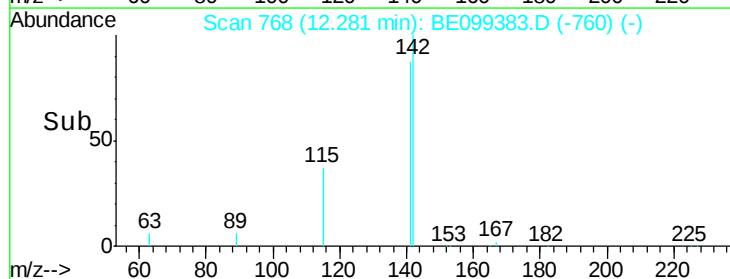
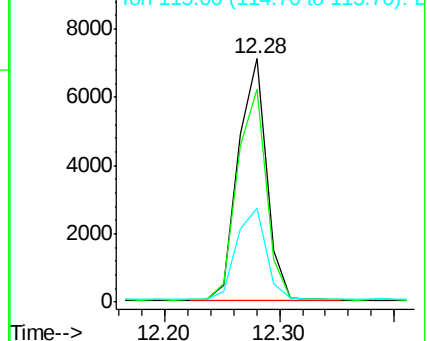
115 38.4 33.4 50.0

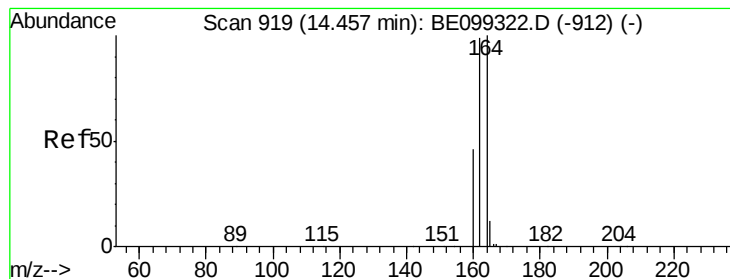


Abundance Ion 142.00 (141.70 to 142.70): E

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

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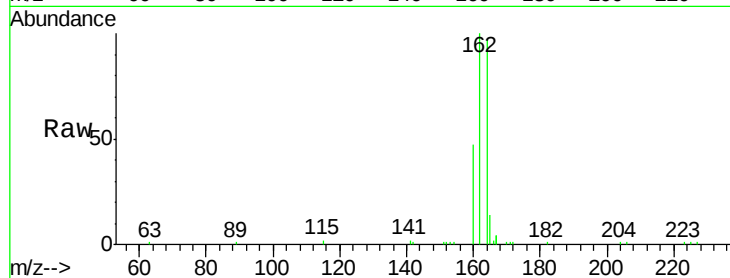
Tot Ion:164 Resp: 11539

Ion Ratio Lower Upper

164 100

162 102.8 77.8 116.6

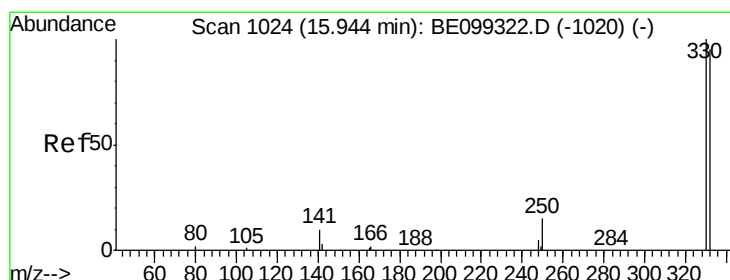
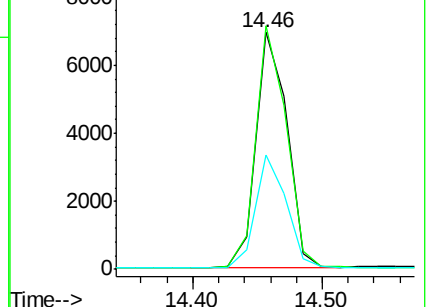
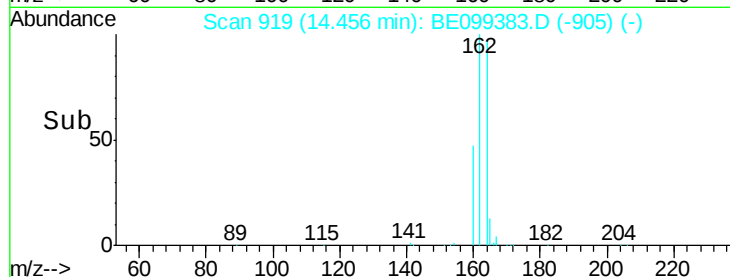
160 48.3 37.1 55.7



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: 0.667 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

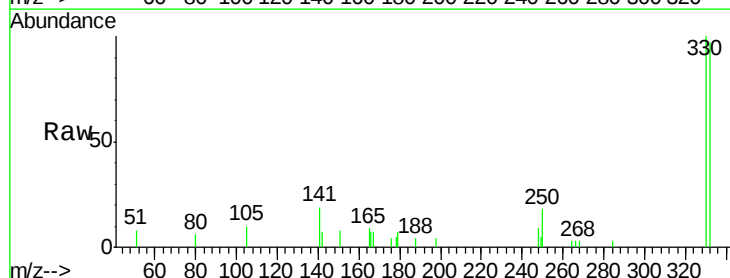
Tgt Ion:330 Resp: 2557

Ion Ratio Lower Upper

330 100

332 95.1 82.5 123.7

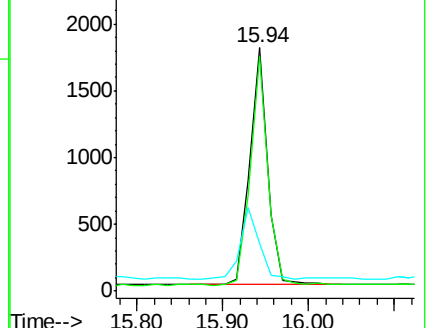
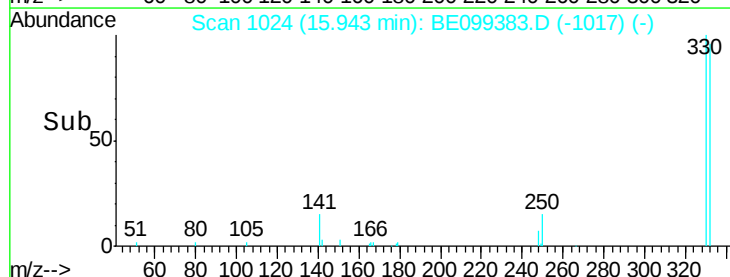
141 32.2 24.9 37.3

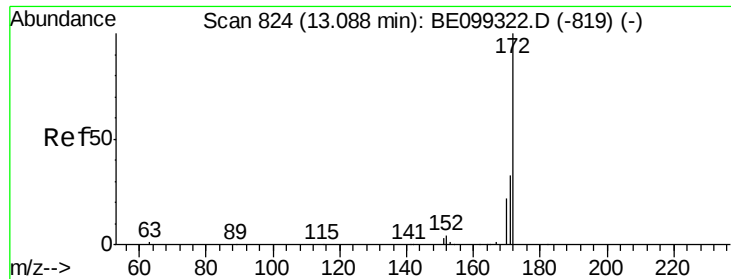


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

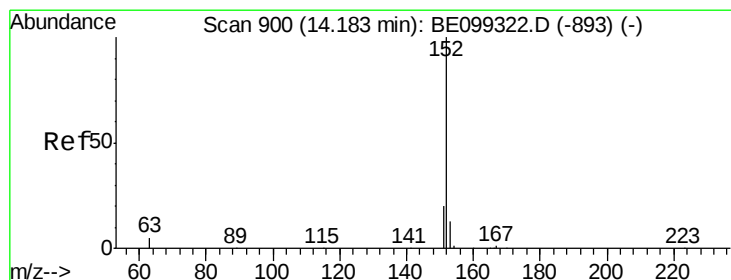
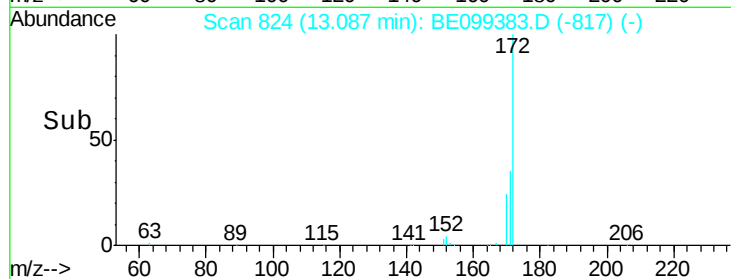
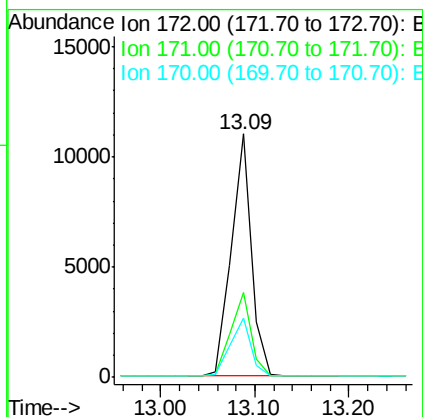
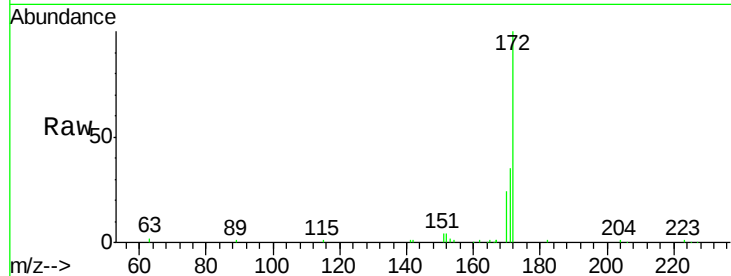




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099383.D
Acq: 26 Apr 2019 18:05

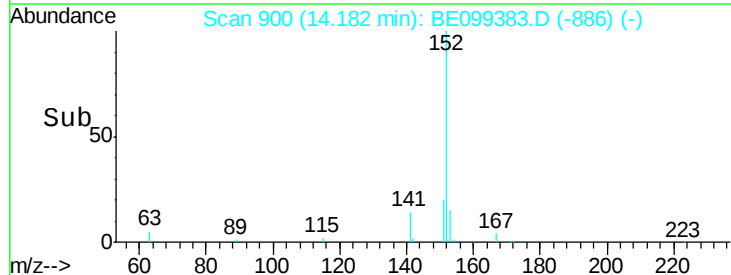
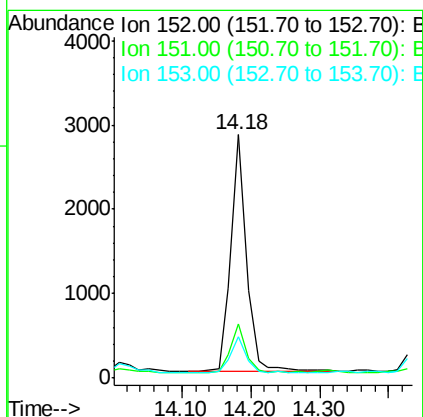
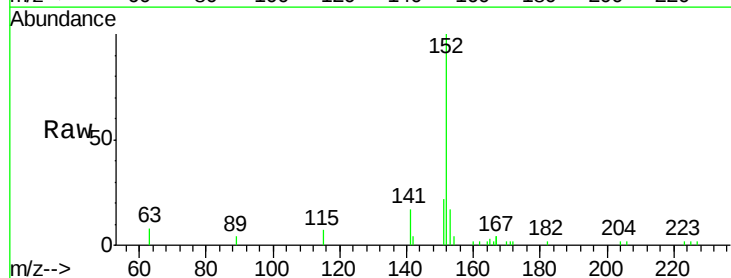
Instrument :
BNA_E
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PST-003-SW093-042319

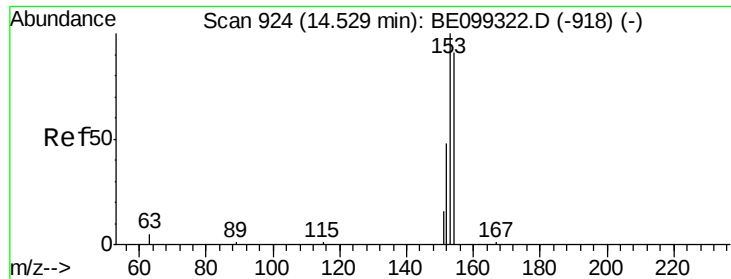
Tot Ion:172 Resp: 16296
Ion Ratio Lower Upper
172 100
171 34.8 26.2 39.2
170 24.1 18.1 27.1



#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099383.D
Acq: 26 Apr 2019 18:05

Tgt Ion:152 Resp: 4478
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 14.9 10.2 15.4

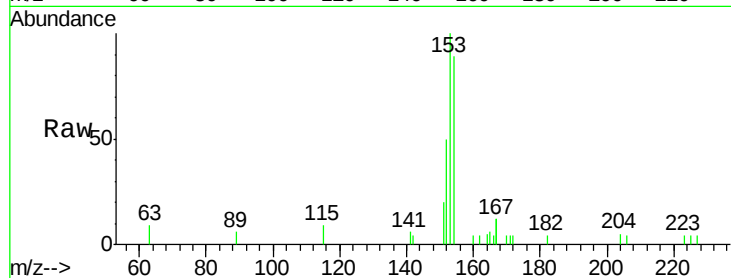




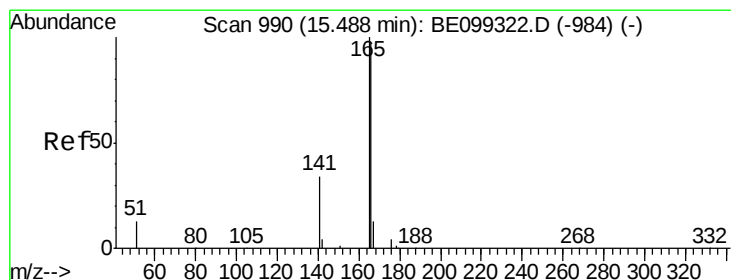
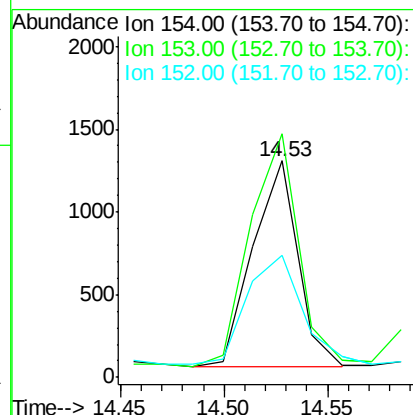
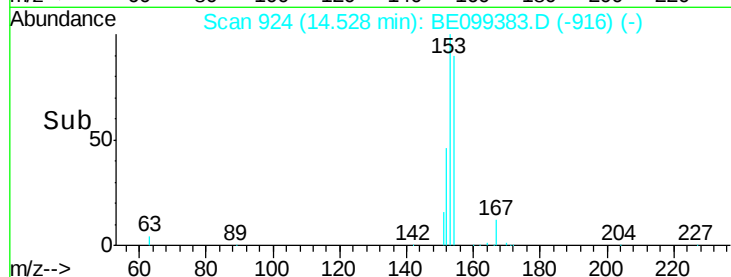
#17
Acenaphthene
Concen: 0.060 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099383.D
Acq: 26 Apr 2019 18:05

Instrument :
BNA_E
ClientSampleId :
PST-003-SW093-042319

Tot Ion:154 Resp: 1916
Ion Ratio Lower Upper
154 100
153 120.7 94.7 142.1
152 64.2 46.4 69.6

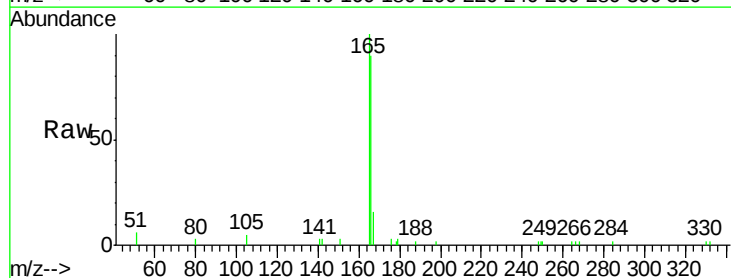


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

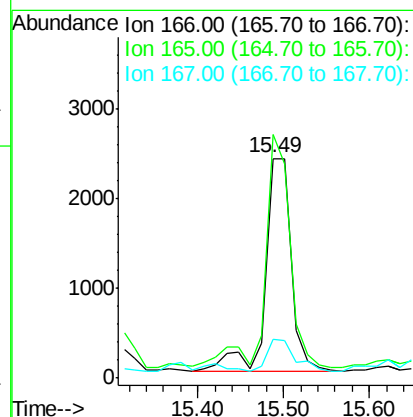
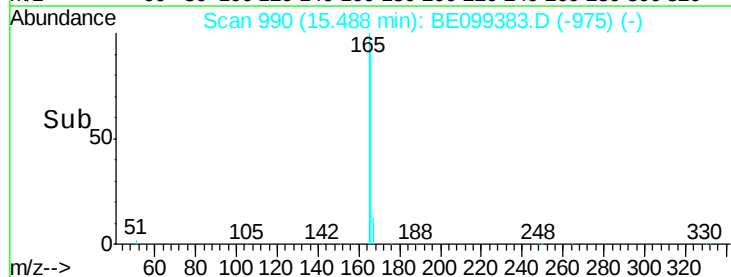


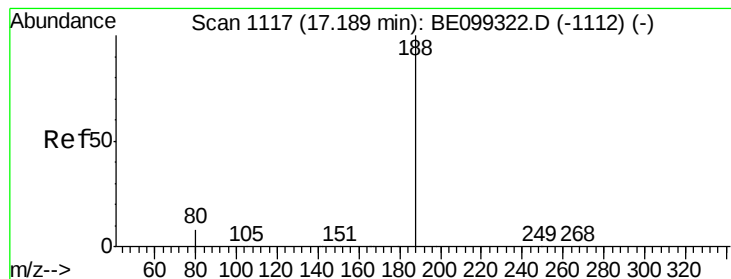
#18
Fluorene
Concen: 0.108 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099383.D
Acq: 26 Apr 2019 18:05

Tgt Ion:166 Resp: 5002
Ion Ratio Lower Upper
166 100
165 106.8 79.7 119.5
167 15.9 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: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

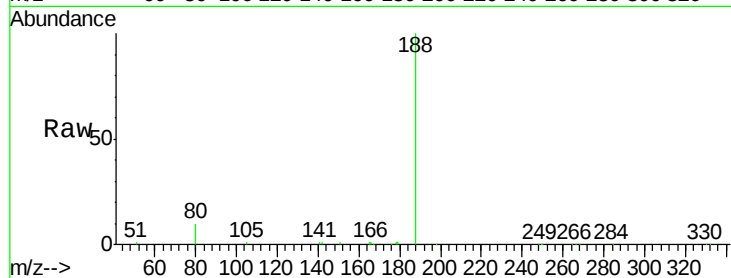
Tot Ion:188 Resp: 30701

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

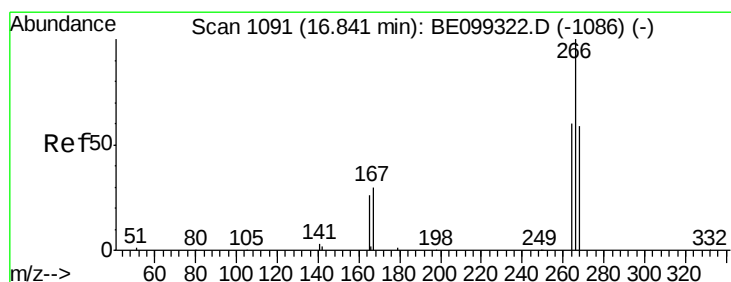
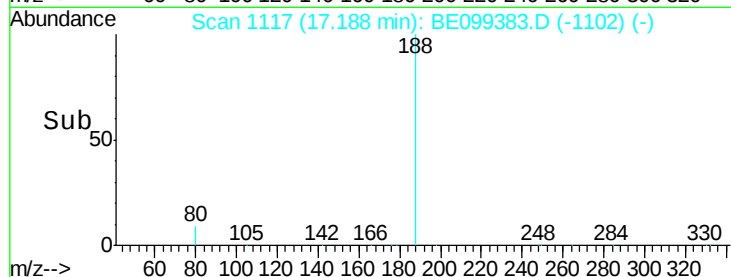
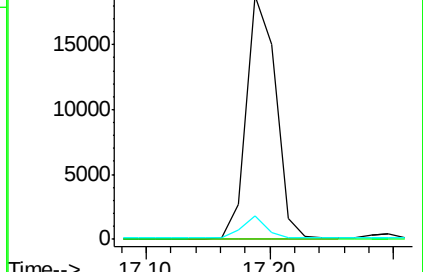
80 9.7 6.2 9.4#



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: BE099383.D

Acq: 26 Apr 2019 18:05

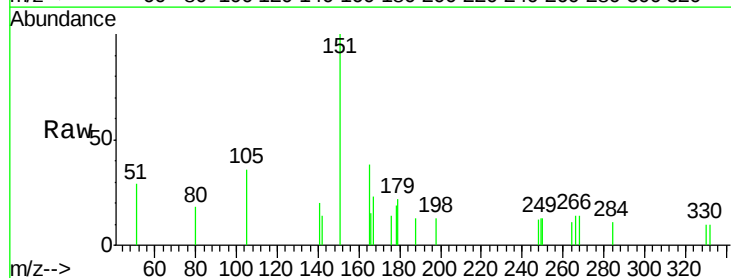
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

264 79.2 54.5 81.7

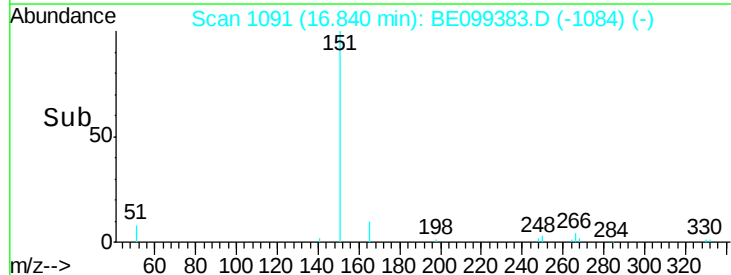
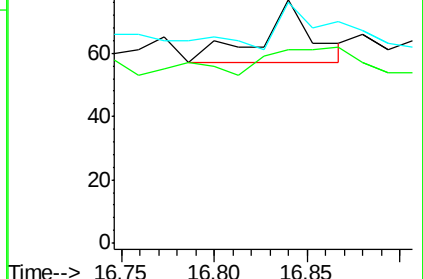
268 98.7 54.3 81.5#

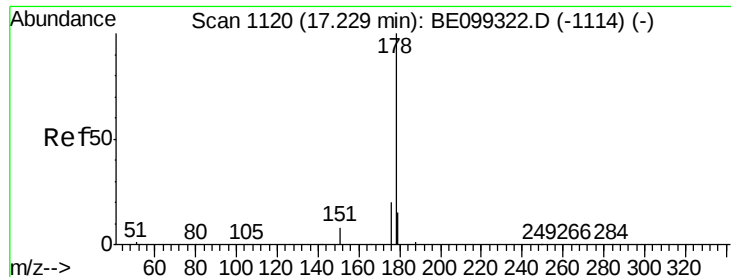


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.848 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

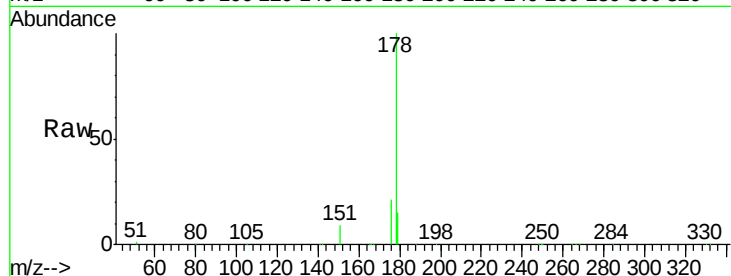
Tot Ion:178 Resp: 68913

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

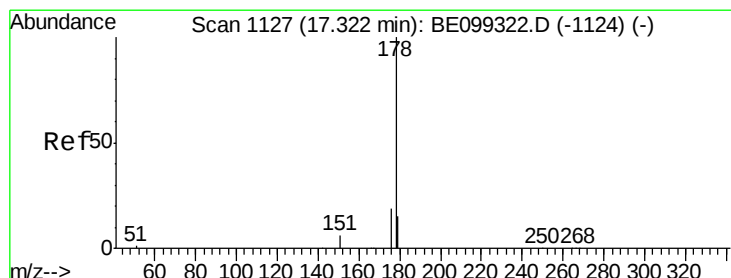
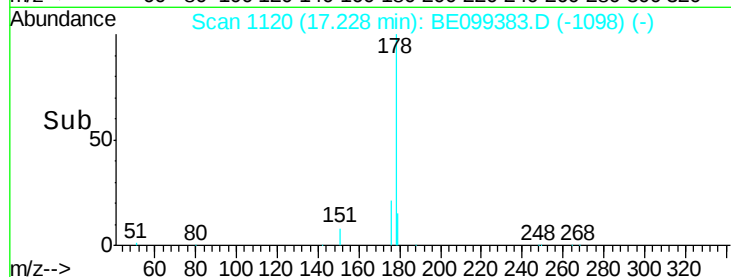
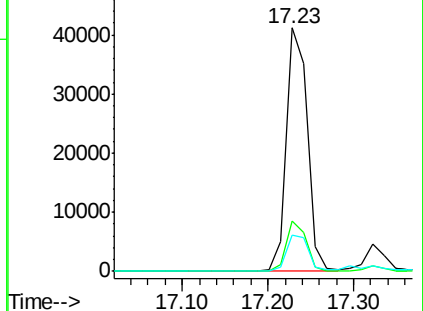
179 15.5 12.4 18.6



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: 0.101 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

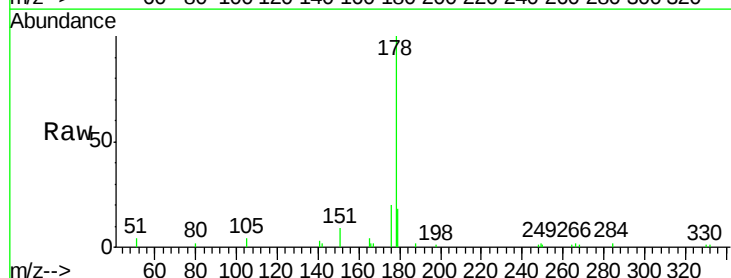
Tgt Ion:178 Resp: 7318

Ion Ratio Lower Upper

178 100

176 18.0 15.1 22.7

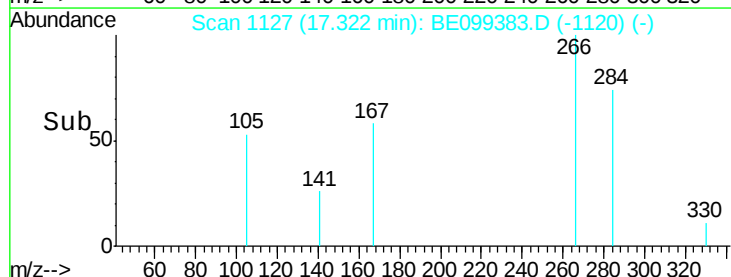
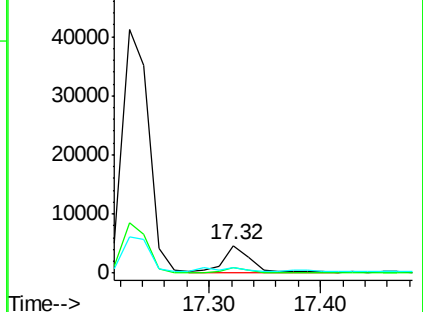
179 0.0 11.9 17.9#

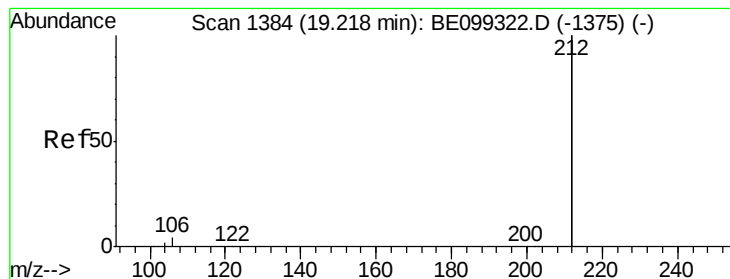


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

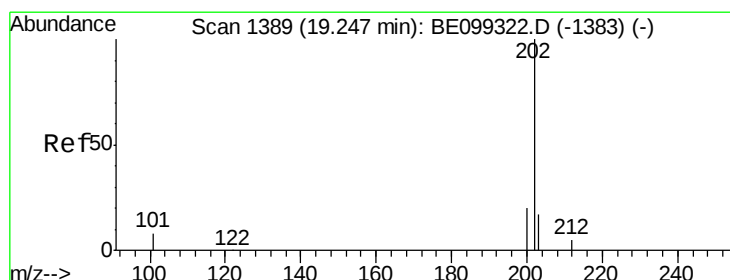
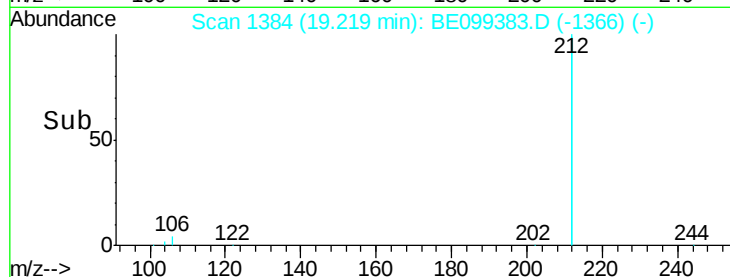
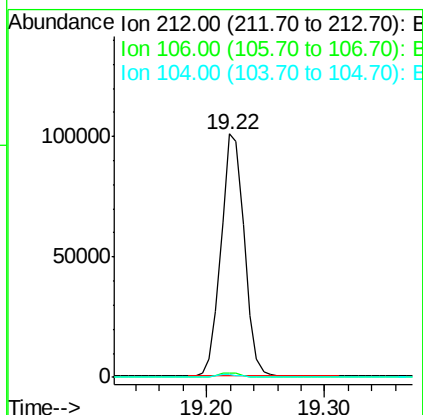
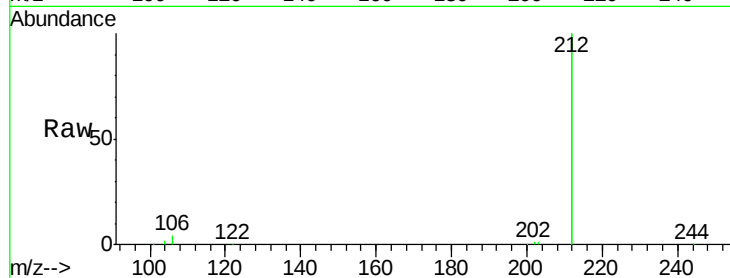
Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

Tot Ion:212	Resp:	135930
Ion Ratio	Lower	Upper
212	100	
106	1.8	1.8 2.6
104	1.1	1.0 1.4



#26

Fluoranthene

Concen: 0.863 ng

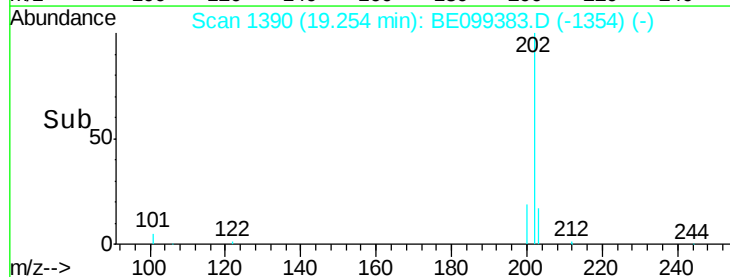
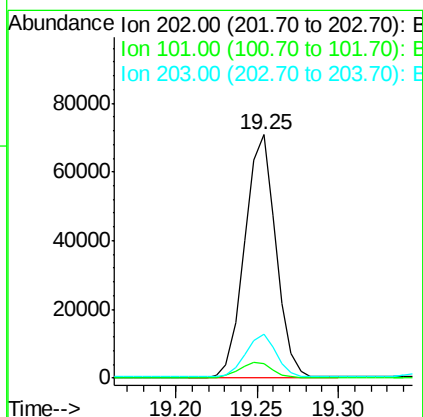
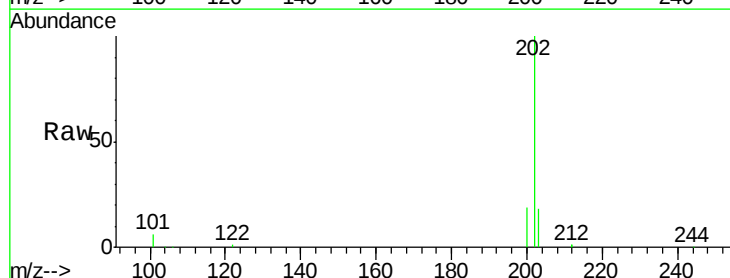
RT: 19.25 min Scan# 1390

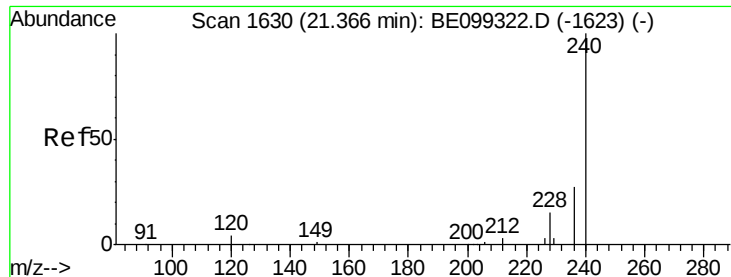
Delta R.T. 0.01 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Tgt Ion:202	Resp:	93918
Ion Ratio	Lower	Upper
202	100	
101	6.7	6.4 9.6
203	17.4	13.5 20.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

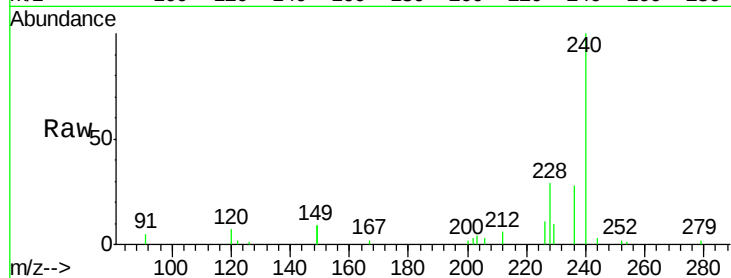
Tot Ion:240 Resp: 34056

Ion Ratio Lower Upper

240 100

120 6.7 2.2 3.2#

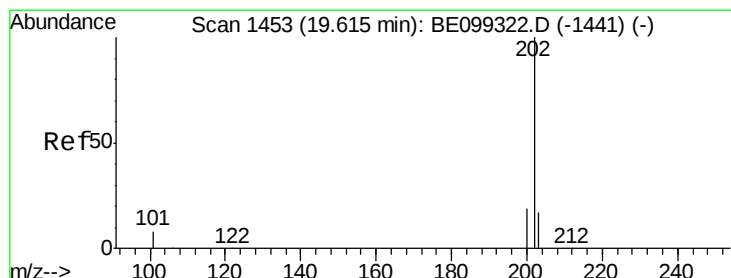
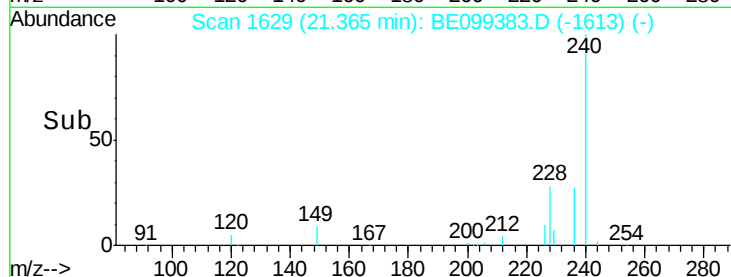
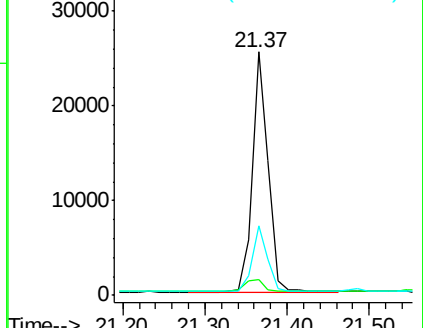
236 28.4 20.2 30.4



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

Pyrene

Concen: 0.816 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

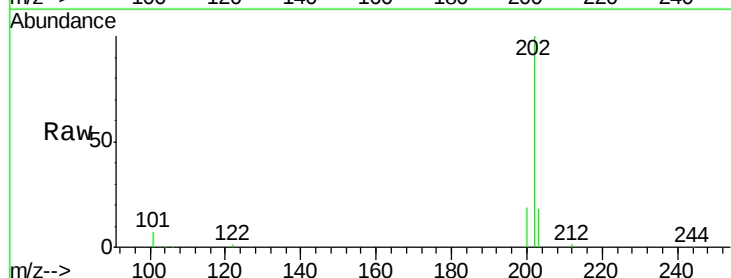
Tgt Ion:202 Resp: 81842

Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

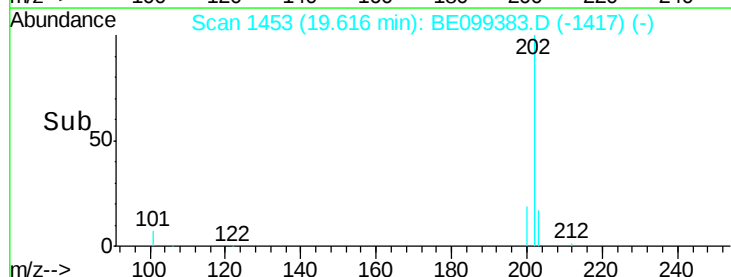
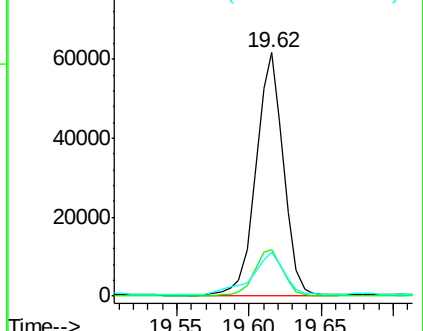
203 20.6 13.7 20.5#

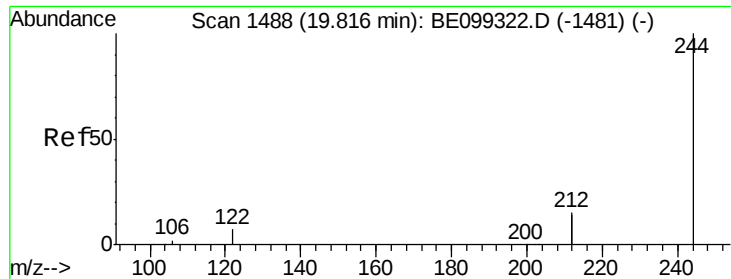


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.437 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

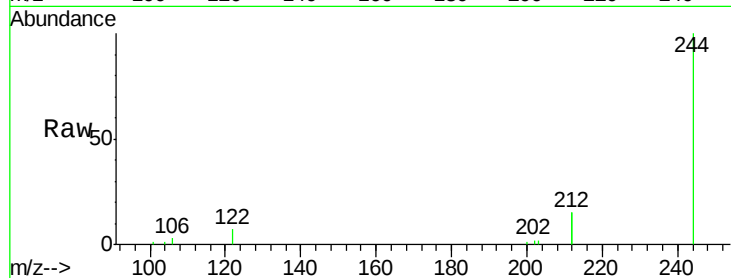
Tot Ion:244 Resp: 29281

Ion Ratio Lower Upper

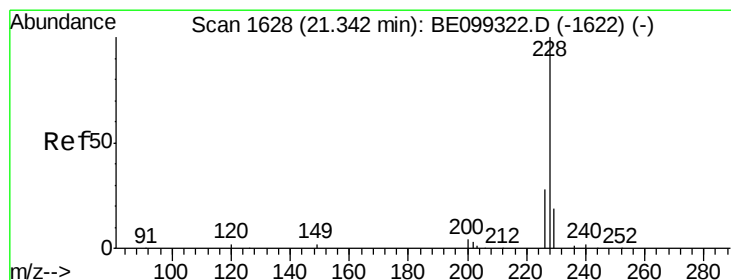
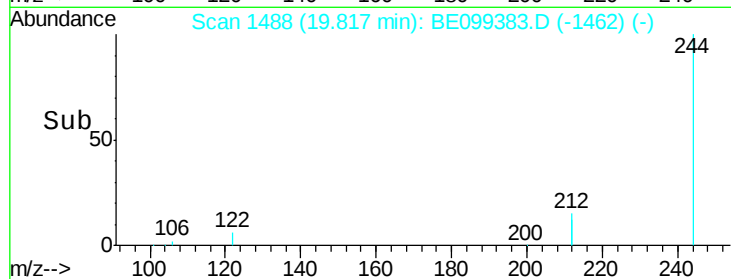
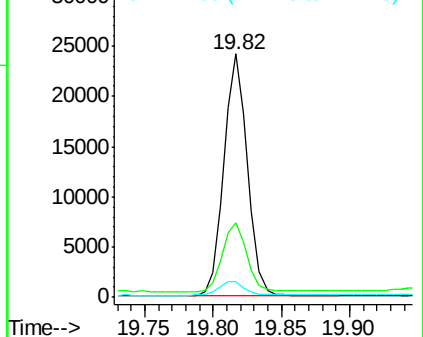
244 100

212 30.8 22.6 33.8

122 6.7 4.6 7.0



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: 0.432 ng

RT: 21.35 min Scan# 1628

Delta R.T. 0.01 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

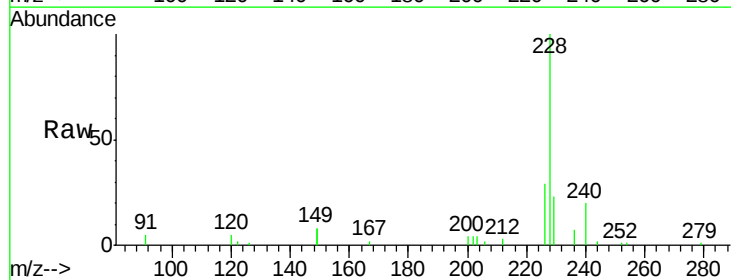
Tgt Ion:228 Resp: 43247

Ion Ratio Lower Upper

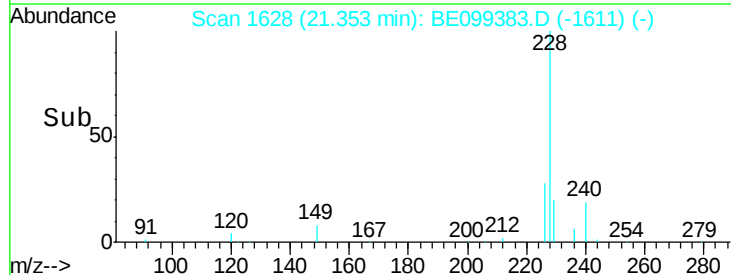
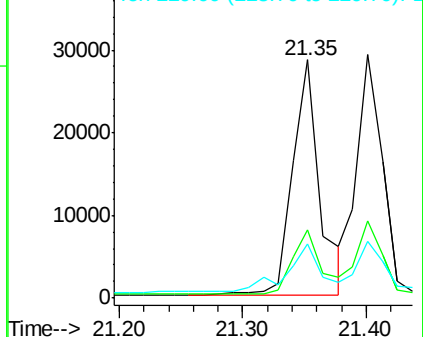
228 100

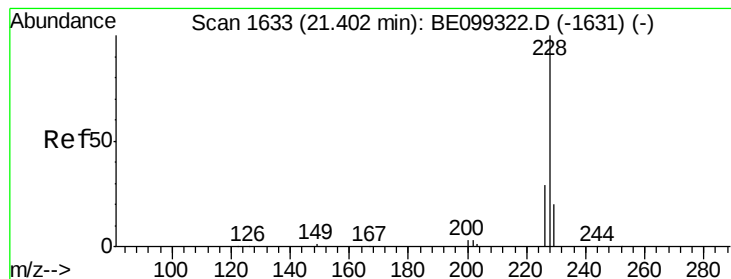
226 28.9 22.0 33.0

229 22.7 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





#31

Chrysene

Concen: 0.391 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

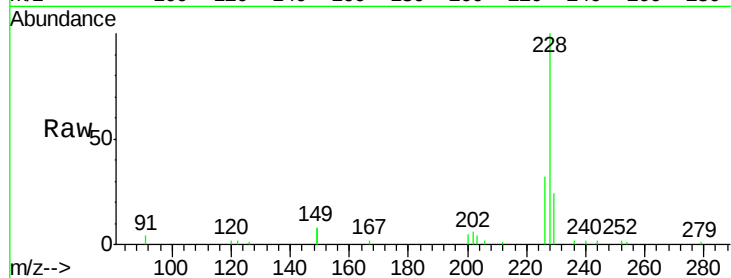
Tot Ion:228 Resp: 41712

Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.2

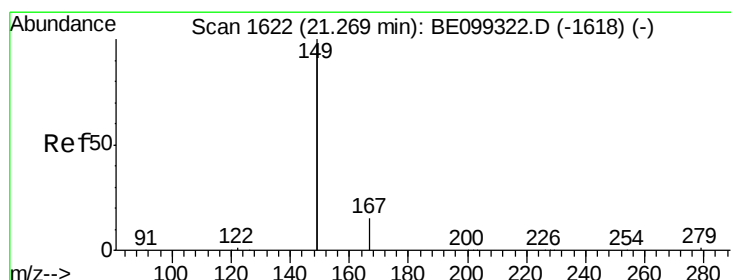
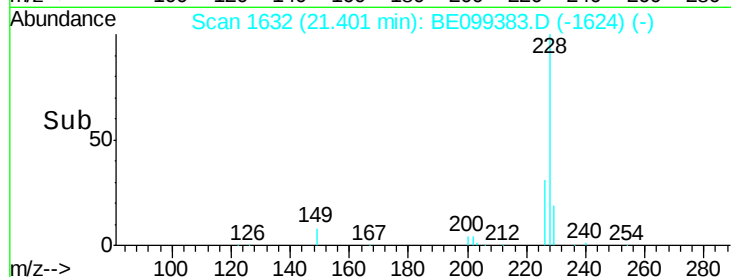
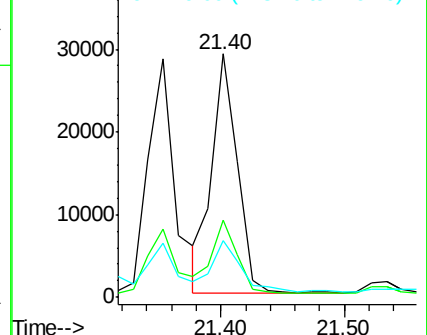
229 23.5 16.2 24.2



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: 0.356 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

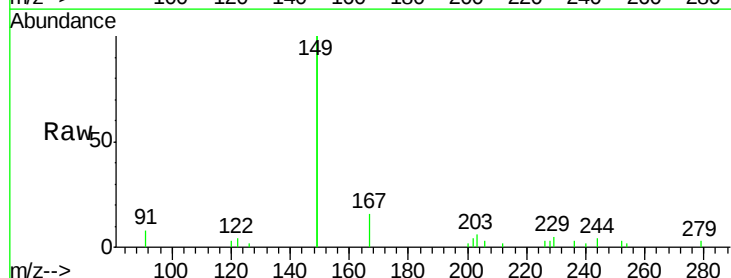
Tgt Ion:149 Resp: 32460

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

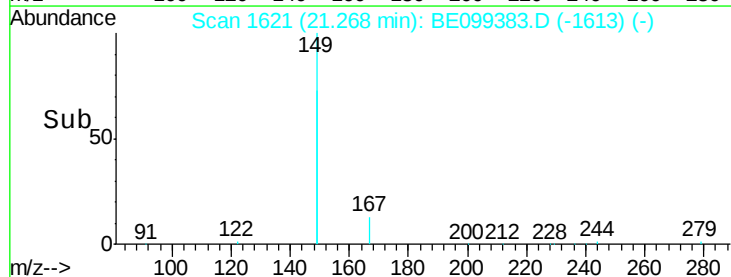
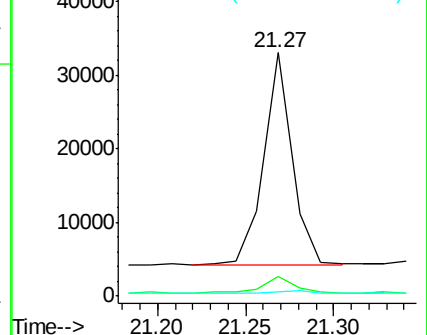
279 1.3 1.1 1.7

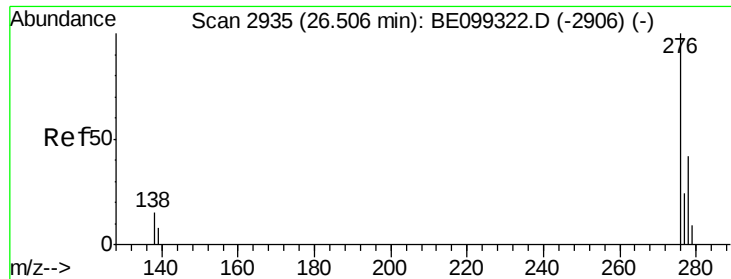


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.197 ng

RT: 26.52 min Scan# 2937

Delta R.T. 0.02 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

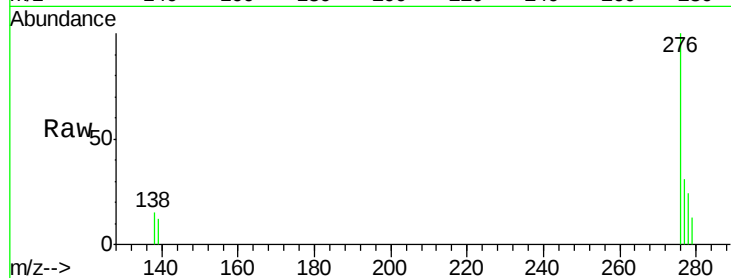
Tot Ion:276 Resp: 20733

Ion Ratio Lower Upper

276 100

138 5.0 12.7 19.1#

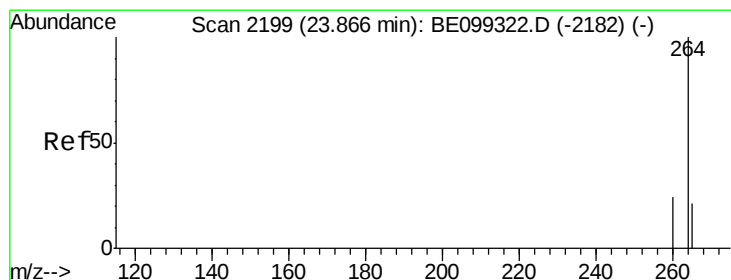
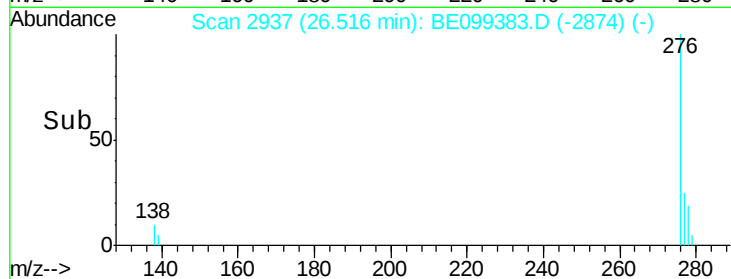
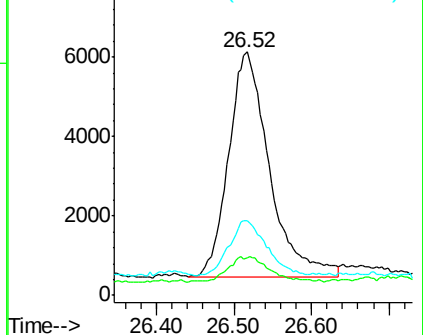
277 22.9 19.6 29.4



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

Perylene-d12

Concen: 0.400 ng

RT: 23.87 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

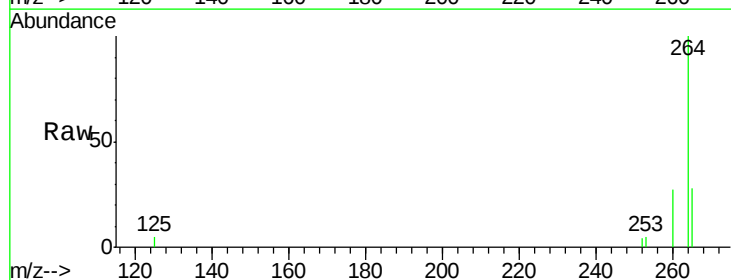
Tgt Ion:264 Resp: 39724

Ion Ratio Lower Upper

264 100

260 26.9 20.1 30.1

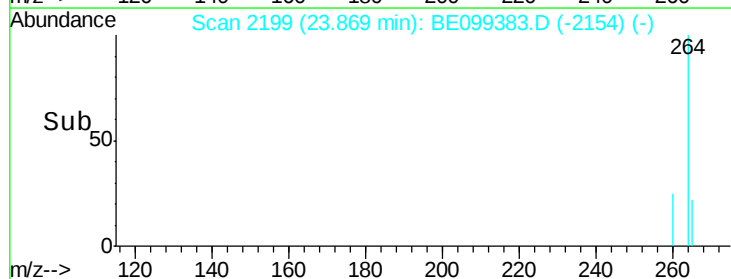
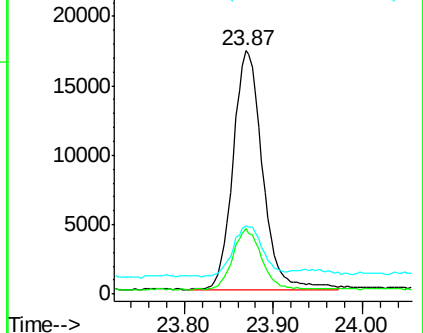
265 28.2 19.9 29.9

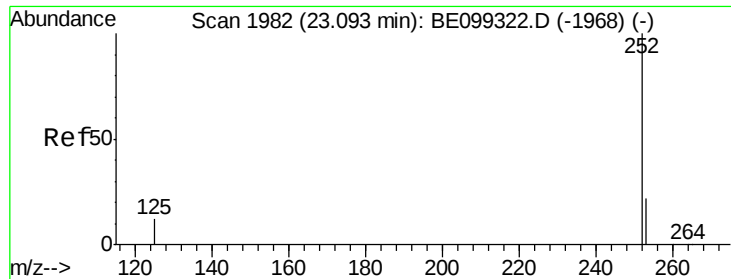


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.397 ng

RT: 23.10 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

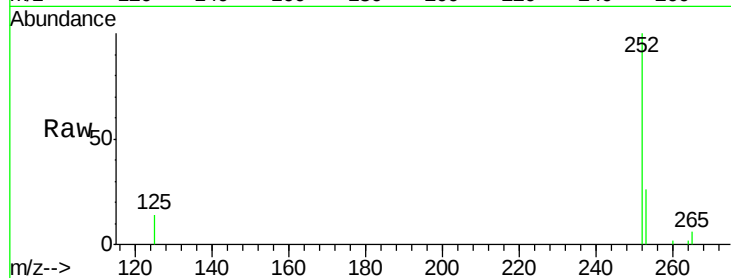
Tot Ion:252 Resp: 48323

Ion Ratio Lower Upper

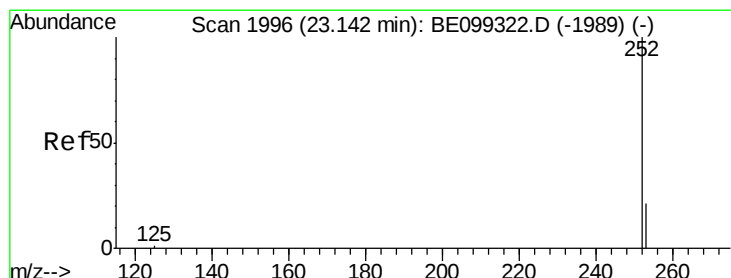
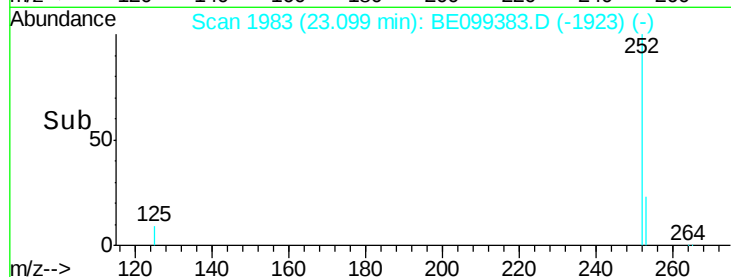
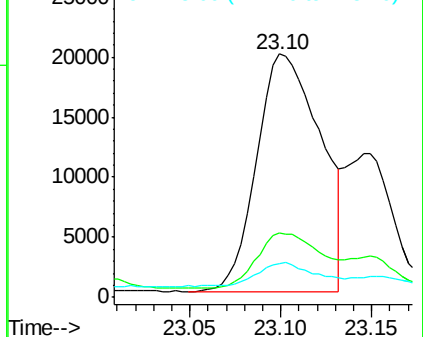
252 100

253 26.4 17.3 25.9#

125 13.7 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.399 ng

RT: 23.10 min Scan# 1983

Delta R.T. -0.04 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

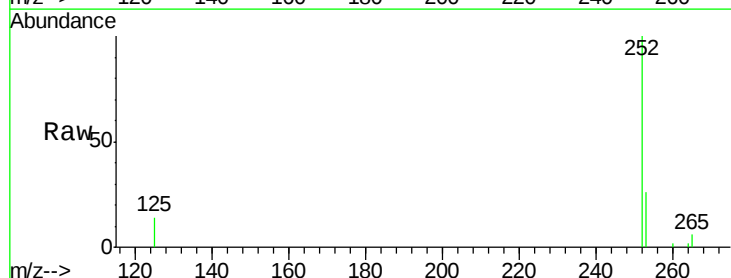
Tgt Ion:252 Resp: 48323

Ion Ratio Lower Upper

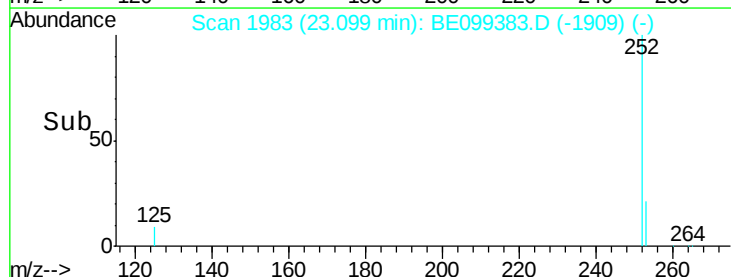
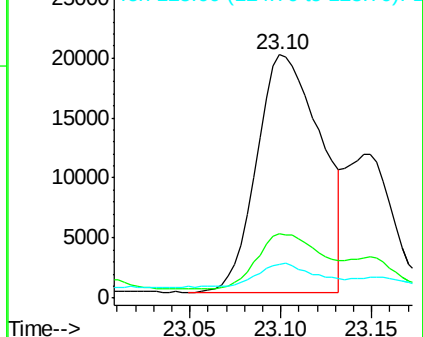
252 100

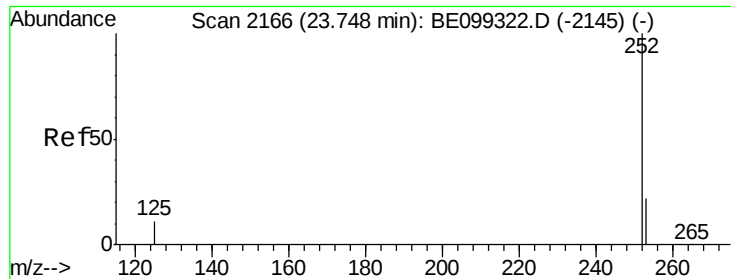
253 26.4 18.4 27.6

125 13.7 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: 0.322 ng

RT: 23.76 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319

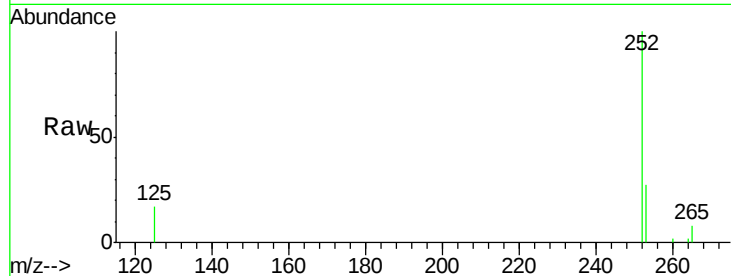
Tot Ion:252 Resp: 35038

Ion Ratio Lower Upper

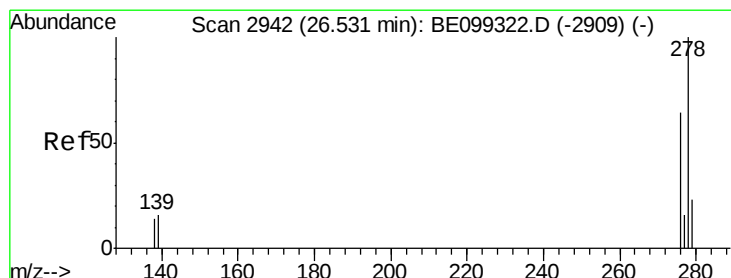
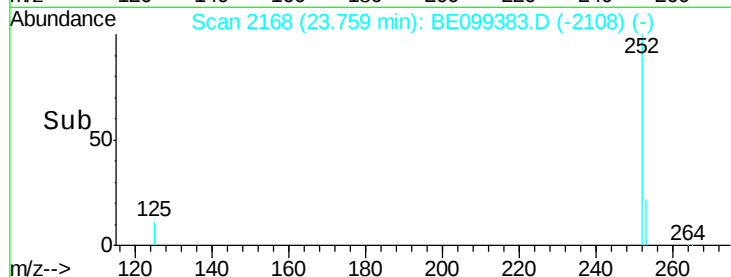
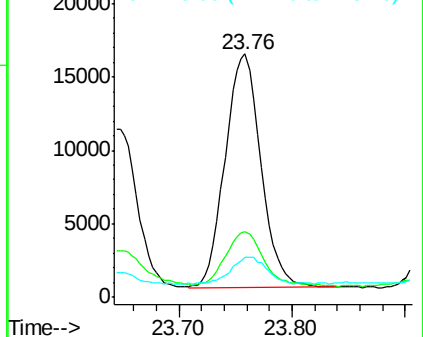
252 100

253 26.9 17.6 26.4#

125 16.7 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: 0.051 ng

RT: 26.55 min Scan# 2945

Delta R.T. 0.02 min

Lab File: BE099383.D

Acq: 26 Apr 2019 18:05

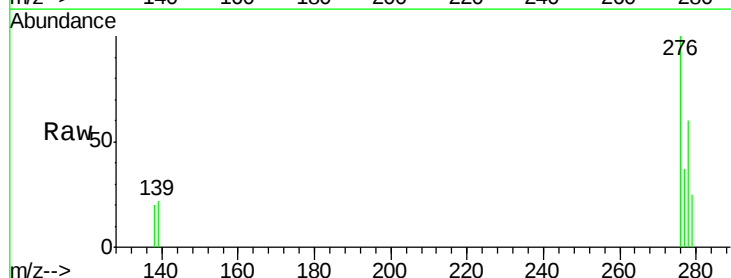
Tgt Ion:278 Resp: 5647

Ion Ratio Lower Upper

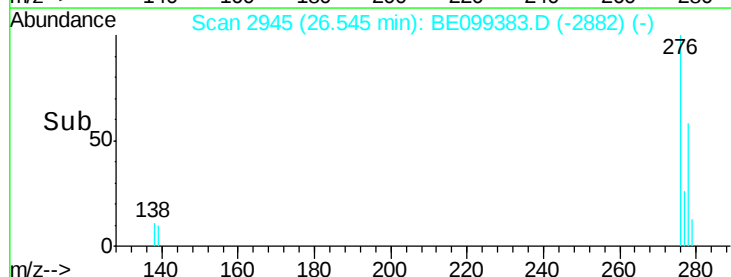
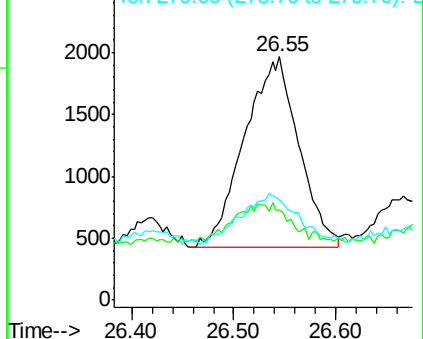
278 100

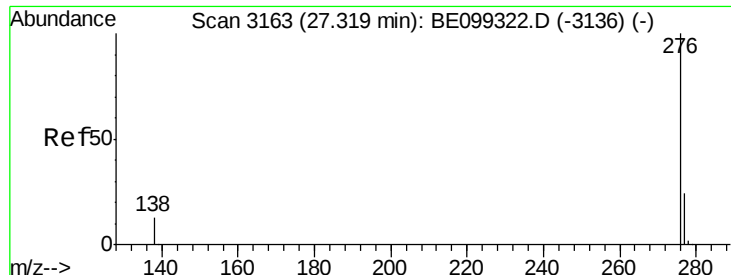
139 37.0 8.5 12.7#

279 41.3 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(a,h,i)perylene

Concen: 0.156 ng

RT: 27.33 min Scan# 3166

Delta R.T. 0.03 min

Lab File: BE099383.D

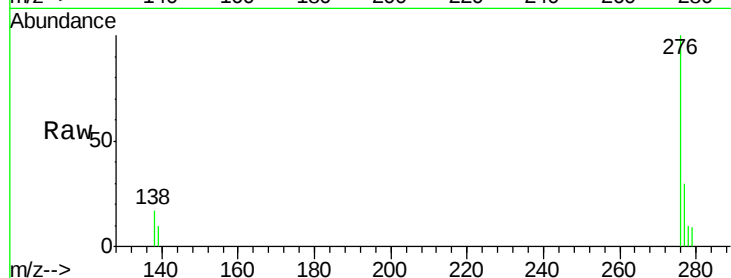
Acq: 26 Apr 2019 18:05

Instrument :

BNA_E

ClientSampleId :

PST-003-SW093-042319



Tot Ion: 276 Resp: 17560

Ion Ratio Lower Upper

276 100

277 29.8 20.0 30.0

138 16.8 11.1 16.7#

