

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099394.D
 Acq On : 27 Apr 2019 1:21
 Operator : JU/SJ
 Sample : K2533-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-027-SW019-042219

Quant Time: Apr 27 05:09:38 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	3400	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	13629	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	10282	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	28113	0.40	ng	0.01
27) Chrysene-d12	21.37	240	31955	0.40	ng	0.00
34) Perylene-d12	23.88	264	36677	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3662	0.44	ng	0.01
5) Phenol-d6	6.97	99	5267	0.44	ng	0.00
8) Nitrobenzene-d5	8.98	82	4797	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	9338	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2521	0.74	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13731	0.34	ng	0.00
25) Fluoranthene-d10	19.22	212	126392	0.37	ng	0.00
29) Terphenyl-d14	19.82	244	21563	0.34	ng	0.00

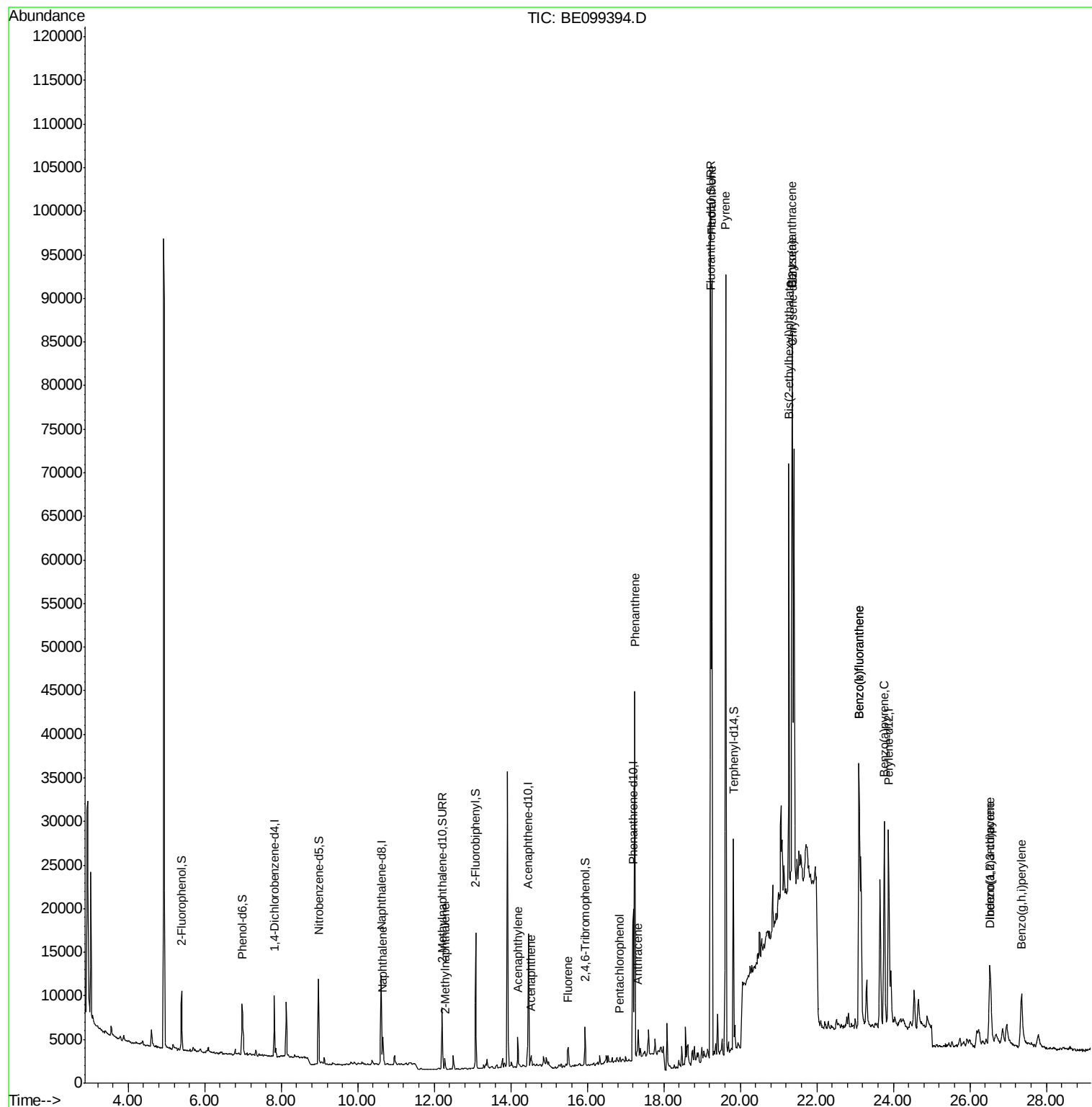
Target Compounds						Qvalue
9) Naphthalene	10.65	128	5476	0.037	ng	# 95
12) 2-Methylnaphthalene	12.28	142	833	0.033	ng	# 95
16) Acenaphthylene	14.18	152	4345	0.093	ng	98
17) Acenaphthene	14.53	154	582	0.020	ng	93
18) Fluorene	15.50	166	2343	0.057	ng	# 88
22) Pentachlorophenol	16.84	266	50	0.229	ng	# 83
23) Phenanthrene	17.24	178	47292	0.635	ng	99
24) Anthracene	17.32	178	4050	0.061	ng	# 78
26) Fluoranthene	19.25	202	82449	0.827	ng	98
28) Pvrene	19.62	202	85374	0.907	ng	# 96
30) Benzo(a)anthracene	21.35	228	48014	0.511	ng	# 94
31) Chrysene	21.35	228	44254	0.443	ng	96
32) Bis(2-ethylhexyl)phthalate	21.27	149	48842	0.571	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.52	276	20907	0.212	ng	95
35) Benzo(b)fluoranthene	23.10	252	54930	0.489	ng	# 76
36) Benzo(k)fluoranthene	23.10	252	54930	0.491	ng	# 79
37) Benzo(a)pvrene	23.76	252	39444	0.392	ng	# 86
38) Dibenzo(a,h)anthracene	26.54	278	5544	0.054	ng	# 25
39) Benzo(g,h,i)perylene	27.35	276	18935	0.182	ng	# 82

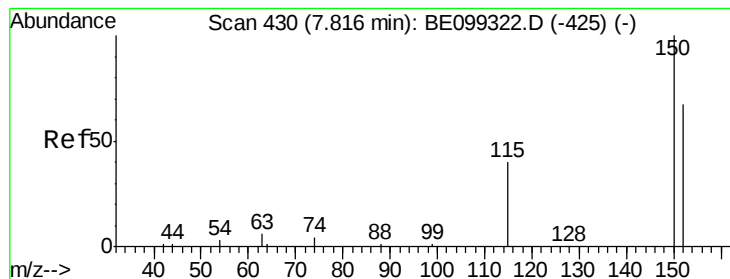
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
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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: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

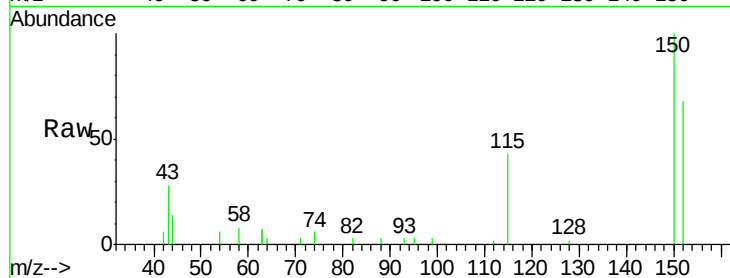
Tot Ion:152 Resp: 3400

Ion Ratio Lower Upper

152 100

150 146.8 119.5 179.3

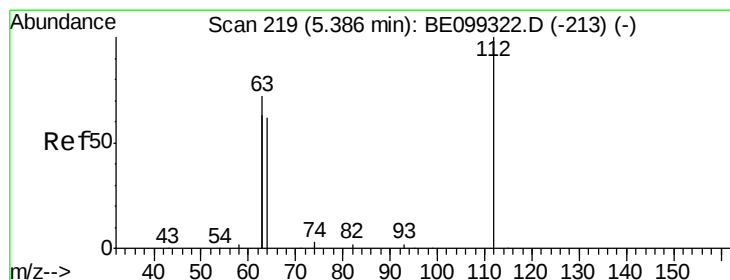
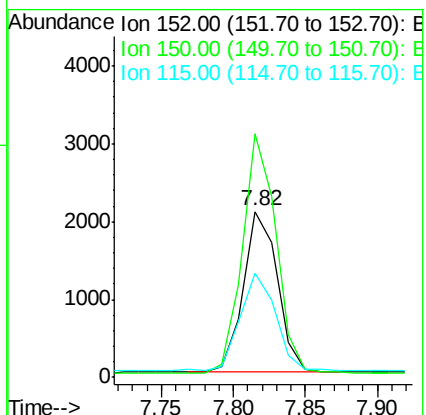
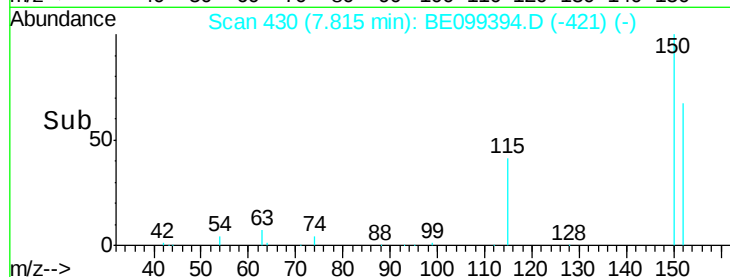
115 62.8 47.5 71.3



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: 0.441 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

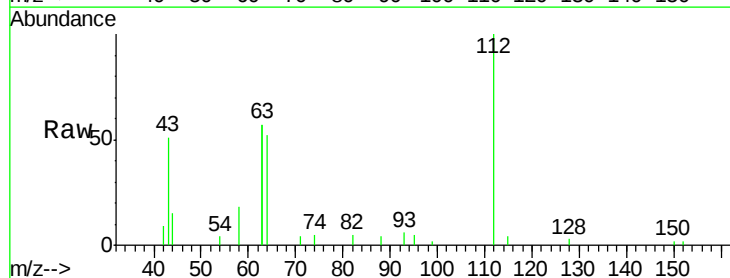
Tgt Ion:112 Resp: 3662

Ion Ratio Lower Upper

112 100

64 58.4 44.9 67.3

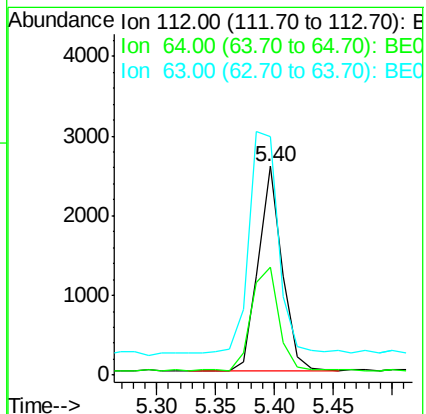
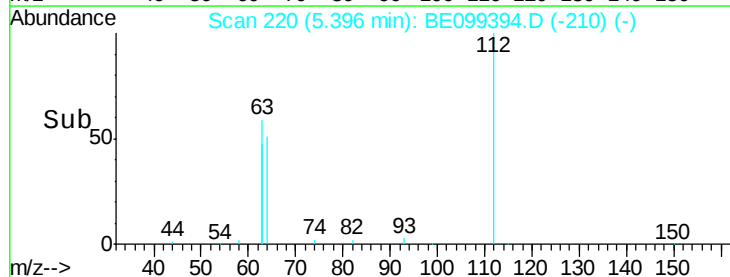
63 132.4 97.4 146.0

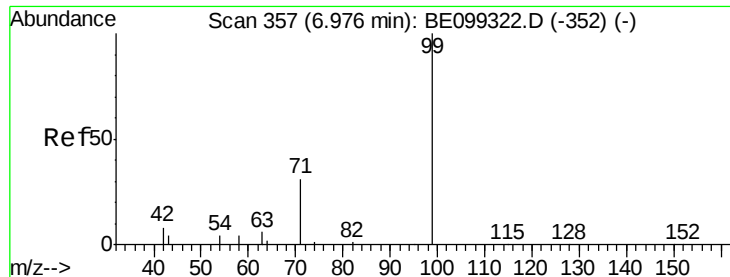


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.444 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

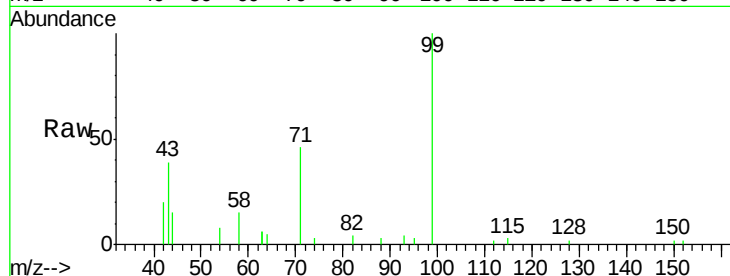
Tot Ion: 99 Resp: 5267

Ion Ratio Lower Upper

99 100

42 16.4 11.7 17.5

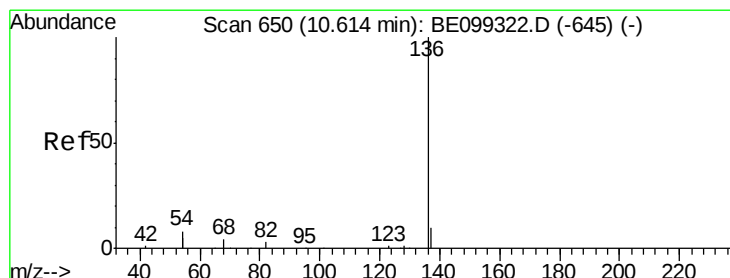
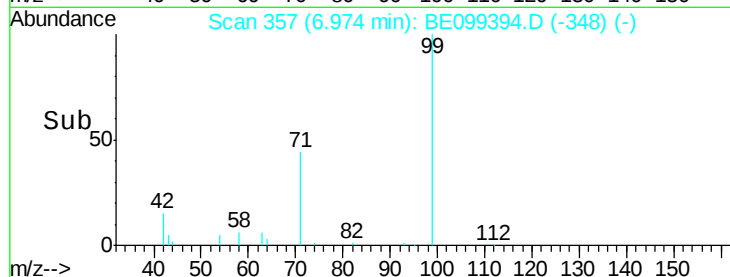
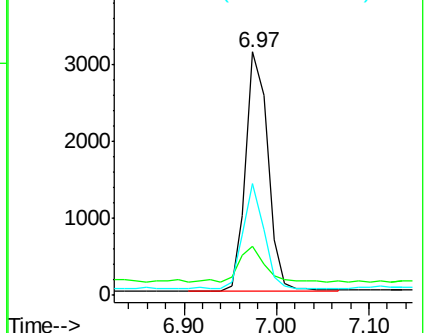
71 41.7 29.6 44.4



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: BE099394.D

Acq: 27 Apr 2019 1:21

Tgt Ion: 136 Resp: 13629

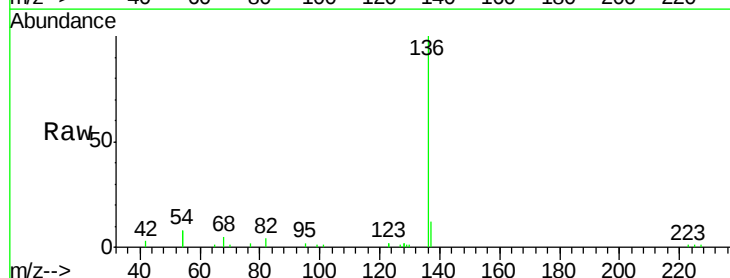
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 17.0 23.8 35.8#

68 4.7 6.4 9.6#

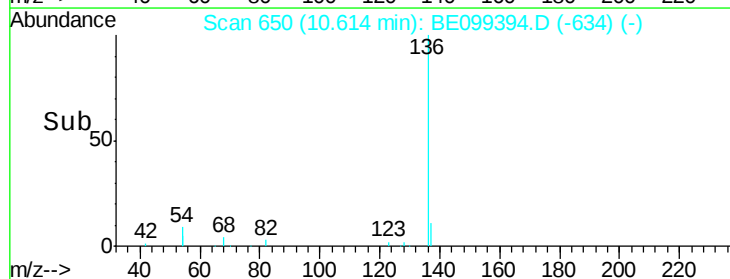
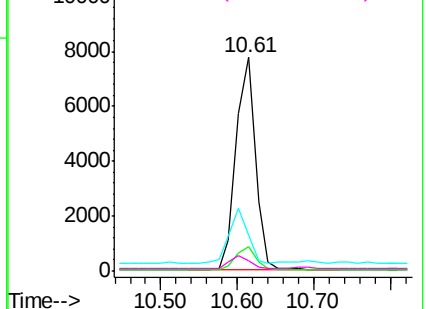


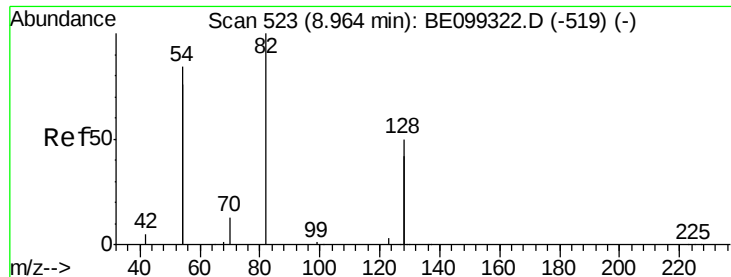
Abundance Ion 136.00 (135.70 to 136.70): E

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

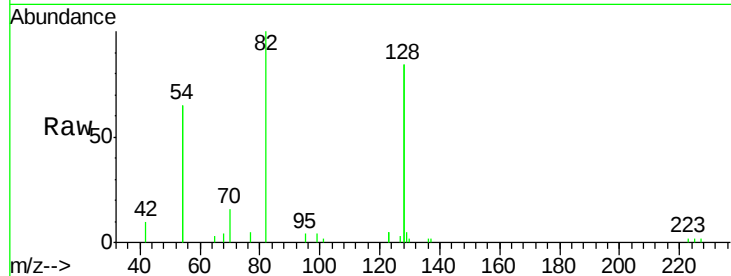




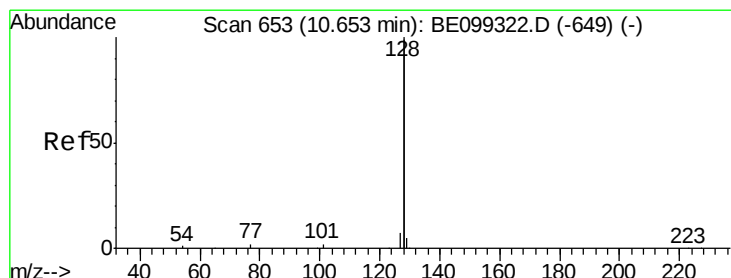
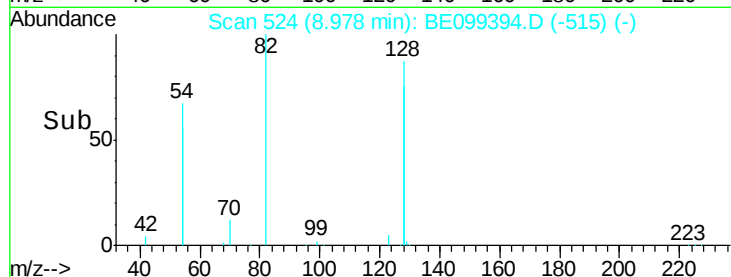
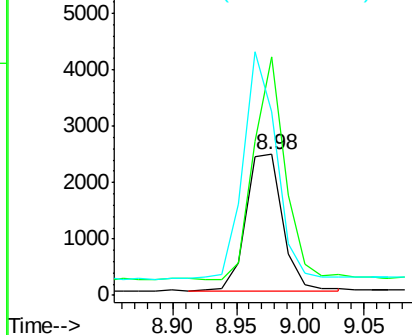
#8
Nitrobenzene-d5
Concen: 0.453 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099394.D
Acq: 27 Apr 2019 1:21

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW019-042219

Tot Ion	82	Resp	4797
Ion Ratio	Lower	Upper	
82	100		
128	168.7	91.7	137.5#
54	129.6	122.8	184.2

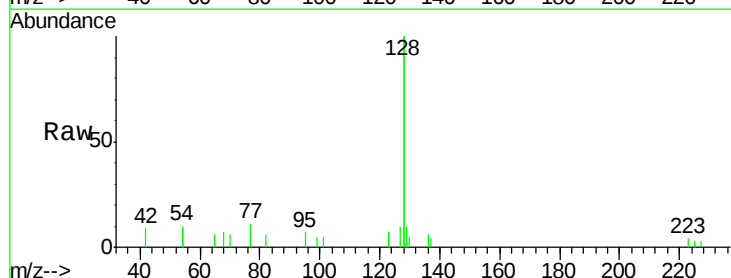


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0

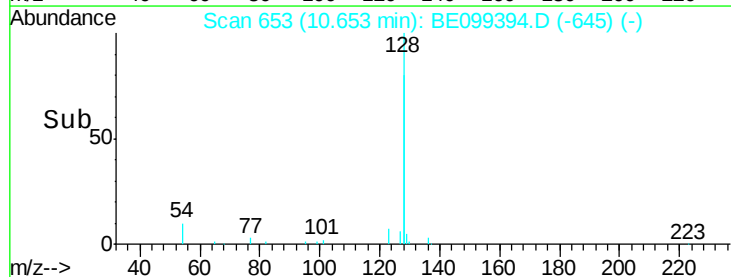
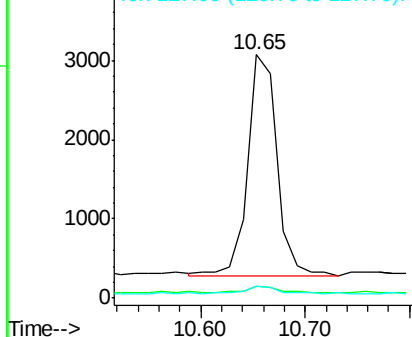


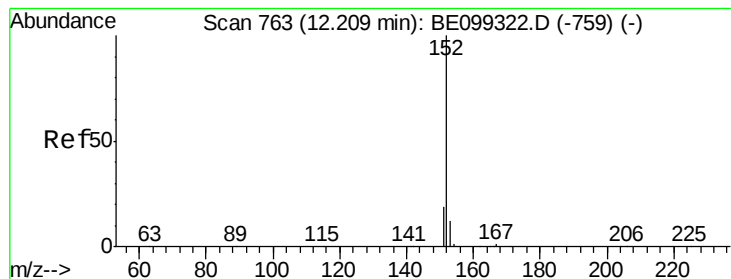
#9
Naphthalene
Concen: 0.037 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099394.D
Acq: 27 Apr 2019 1:21

Tgt Ion	128	Resp	5476
Ion Ratio	Lower	Upper	
128	100		
129	4.8	2.3	3.5#
127	5.0	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: 0.388 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

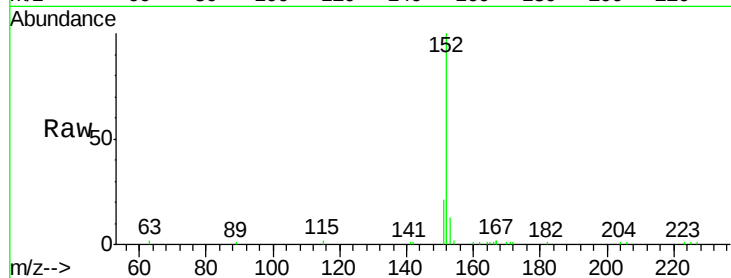
EXT-027-SW019-042219

Tot Ion:152 Resp: 9338

Ion Ratio Lower Upper

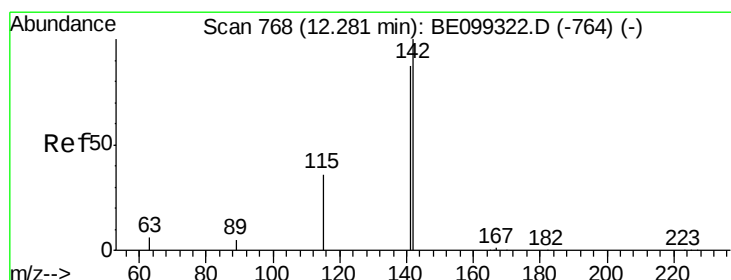
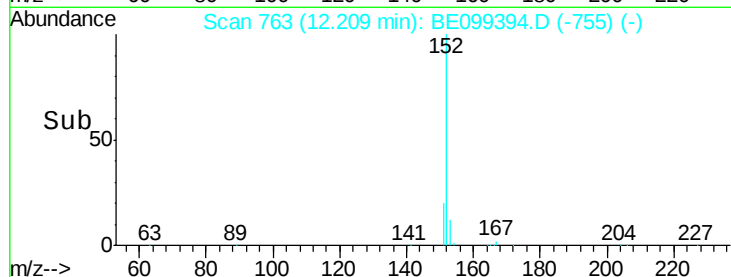
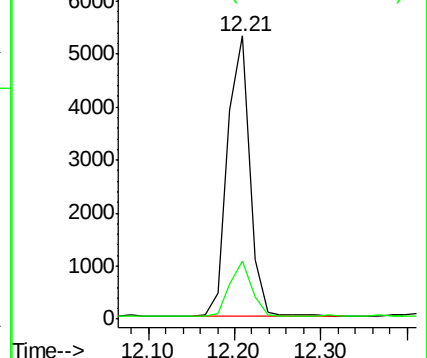
152 100

151 19.9 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: 0.033 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

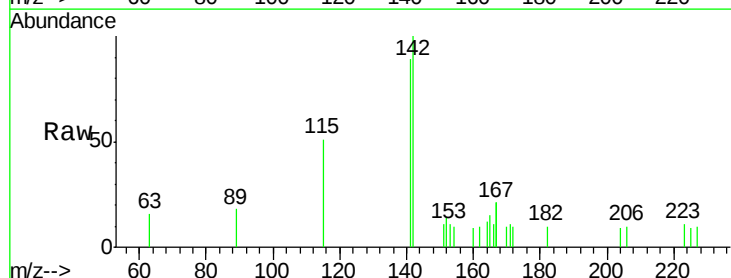
Tgt Ion:142 Resp: 833

Ion Ratio Lower Upper

142 100

141 88.8 72.0 108.0

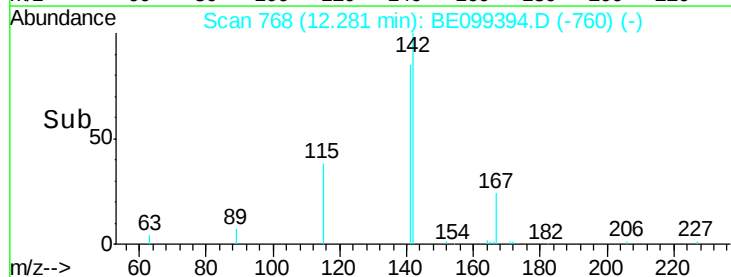
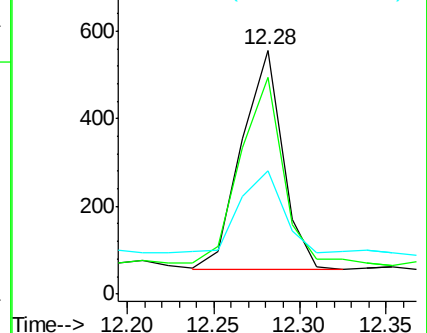
115 50.7 33.4 50.0#

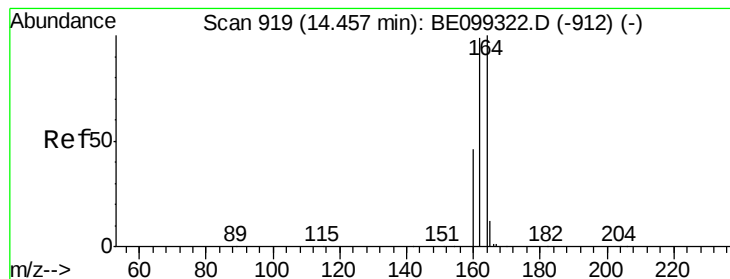


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099394.D

Acq: 27 Apr 2019 1:21

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ClientSampleId :

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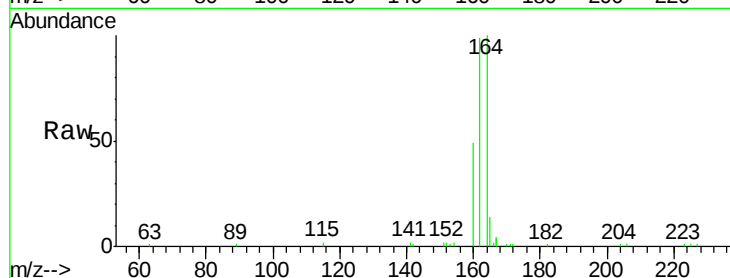
Tot Ion:164 Resp: 10282

Ion Ratio Lower Upper

164 100

162 99.0 77.8 116.6

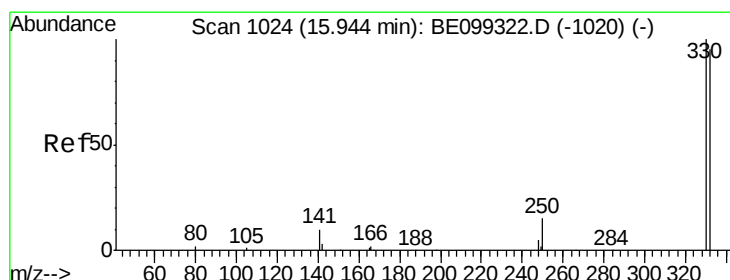
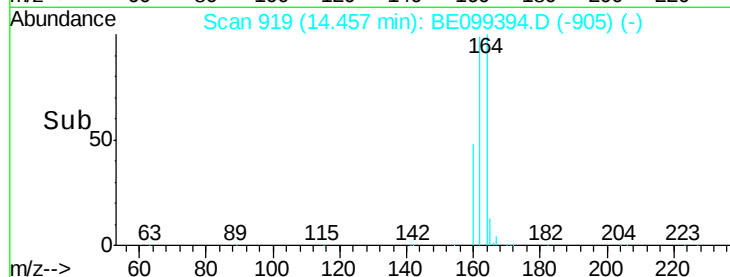
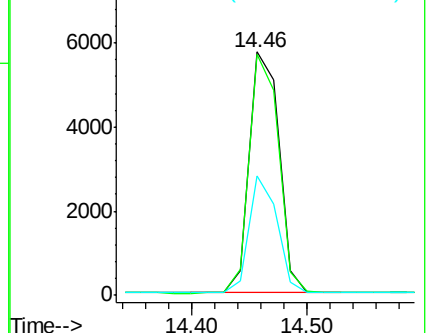
160 48.9 37.1 55.7



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: 0.738 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

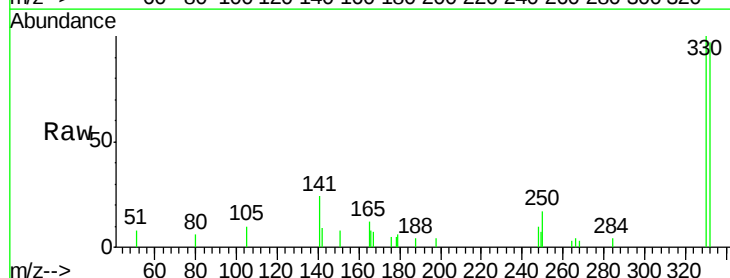
Tgt Ion:330 Resp: 2521

Ion Ratio Lower Upper

330 100

332 96.9 82.5 123.7

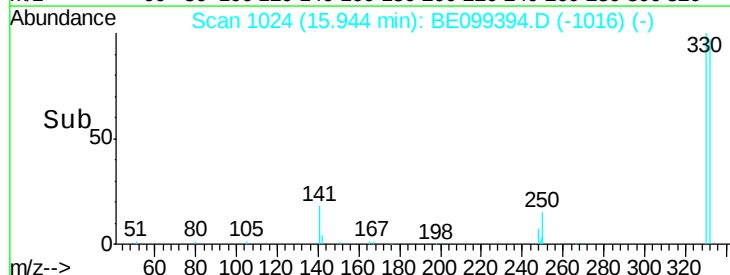
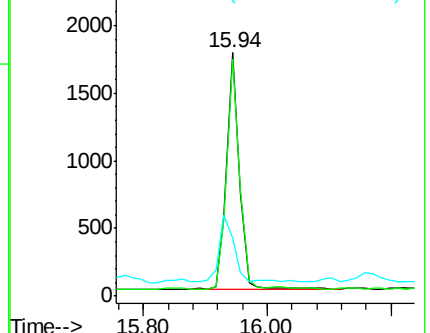
141 32.7 24.9 37.3

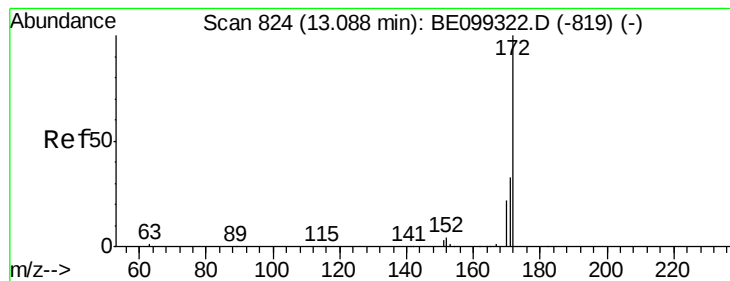


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.340 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099394.D

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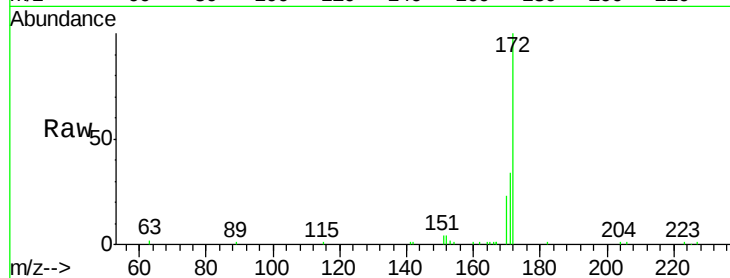
Tot Ion:172 Resp: 13731

Ion Ratio Lower Upper

172 100

171 34.4 26.2 39.2

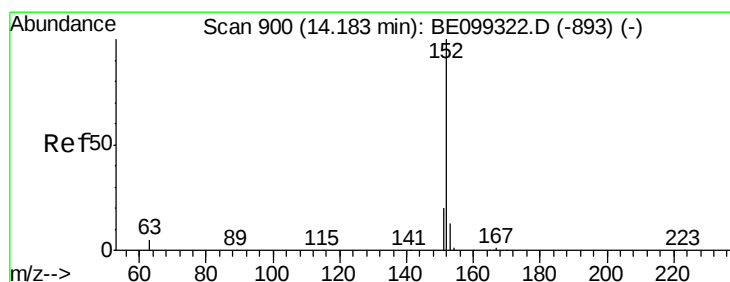
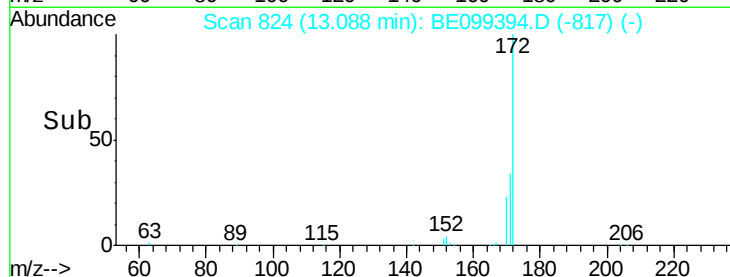
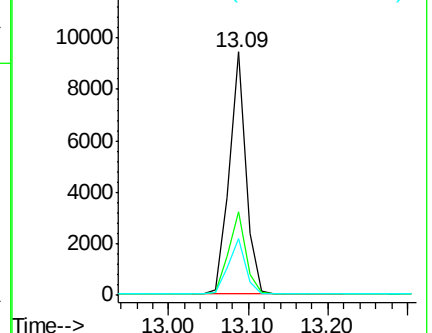
170 23.2 18.1 27.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.093 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

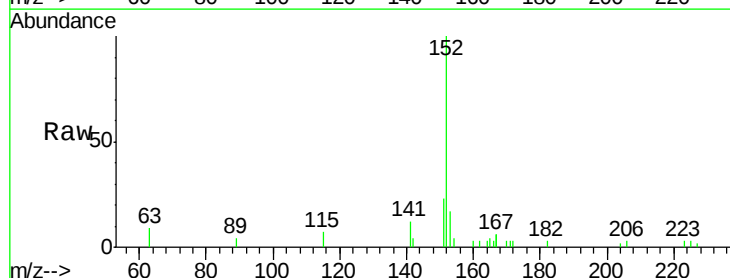
Tgt Ion:152 Resp: 4345

Ion Ratio Lower Upper

152 100

151 19.4 15.5 23.3

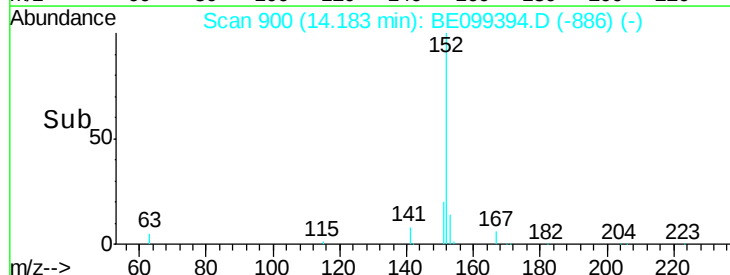
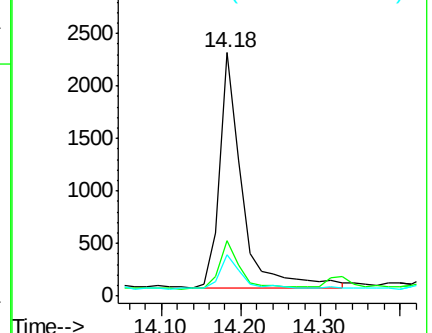
153 14.4 10.2 15.4

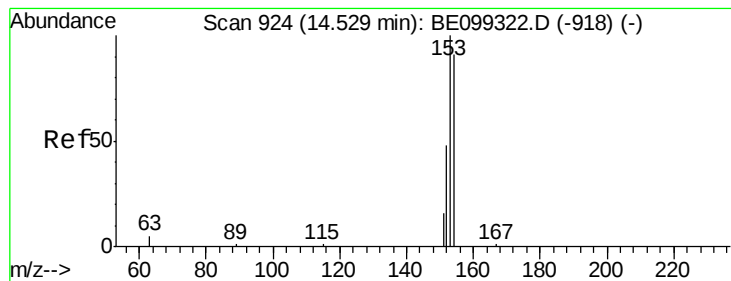


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.020 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

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ClientSampleId :

EXT-027-SW019-042219

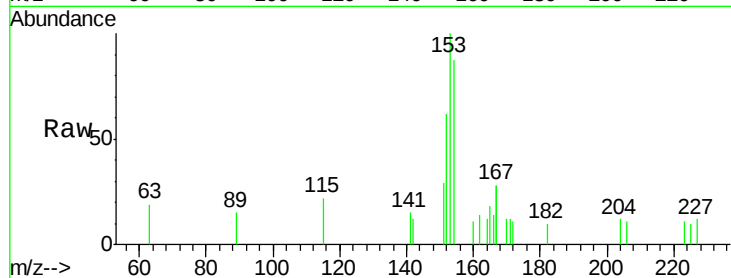
Tot Ion:154 Resp: 582

Ion Ratio Lower Upper

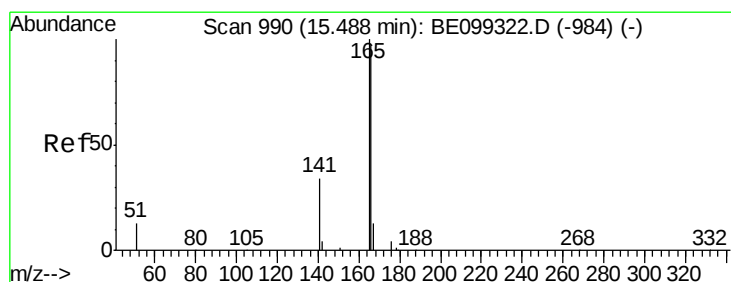
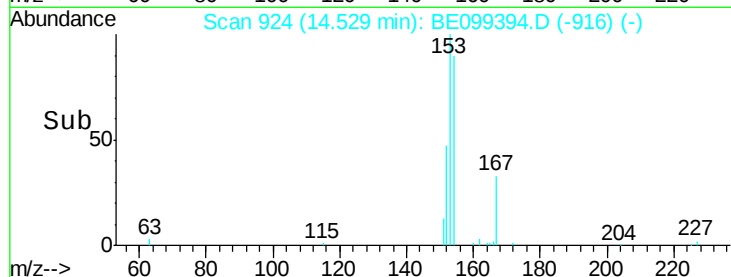
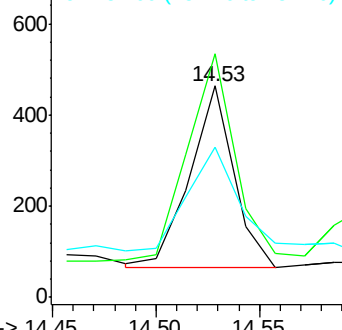
154 100

153 123.7 94.7 142.1

152 66.7 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: 0.057 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

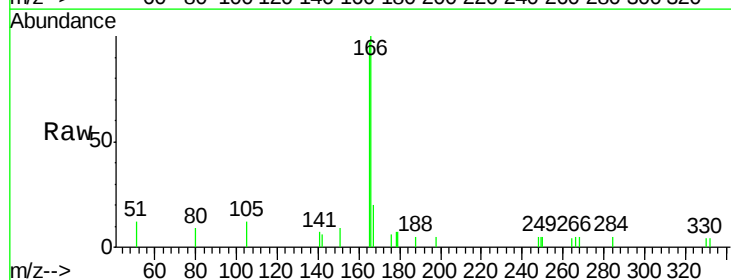
Tgt Ion:166 Resp: 2343

Ion Ratio Lower Upper

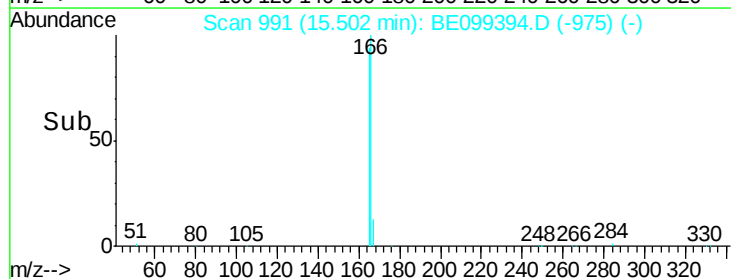
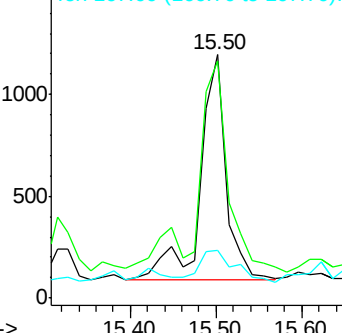
166 100

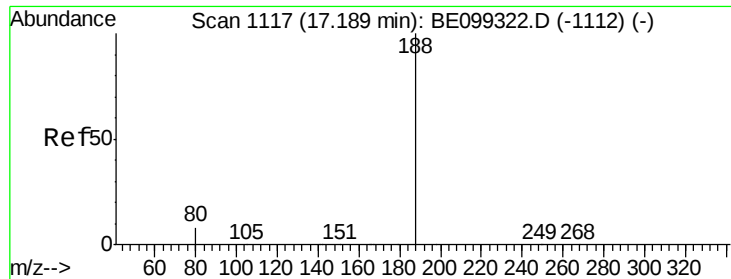
165 110.8 79.7 119.5

167 19.8 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: 17.20 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

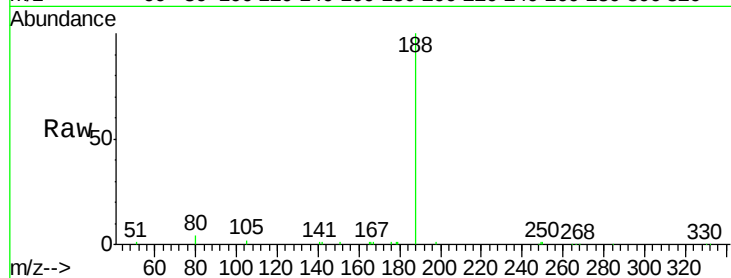
Tot Ion:188 Resp: 28113

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

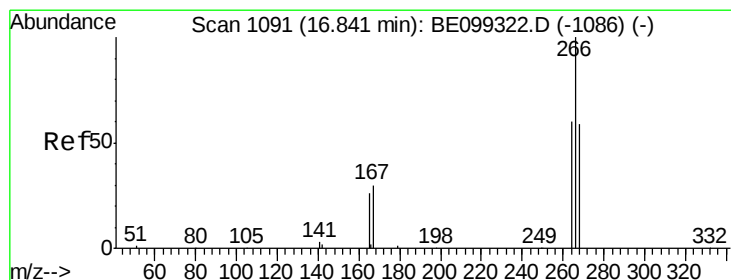
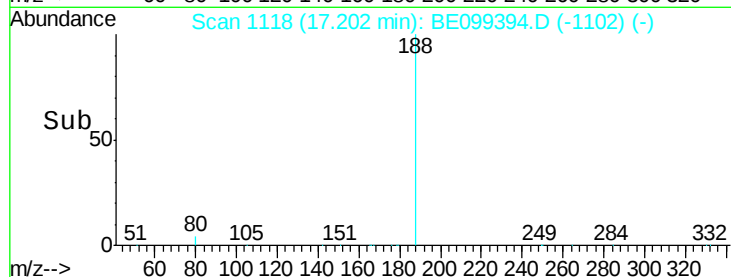
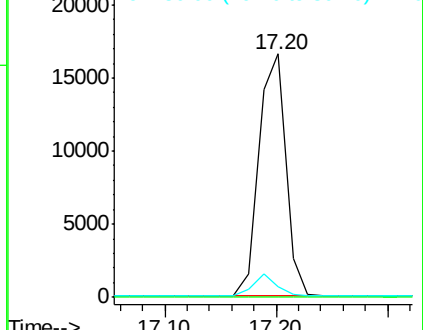
80 4.4 6.2 9.4#



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: 0.229 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

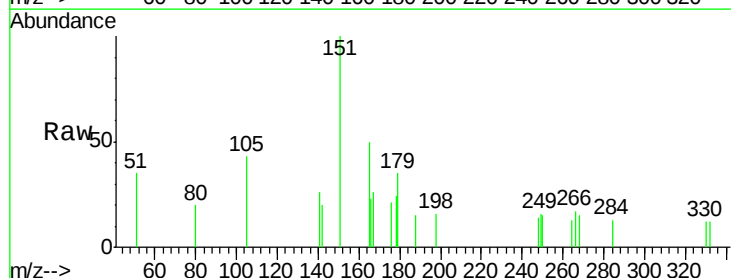
Tgt Ion:266 Resp: 50

Ion Ratio Lower Upper

266 100

264 75.9 54.5 81.7

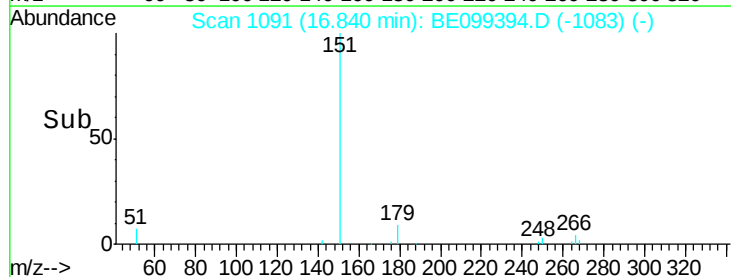
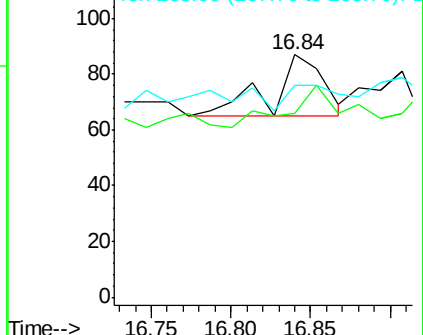
268 87.4 54.3 81.5#

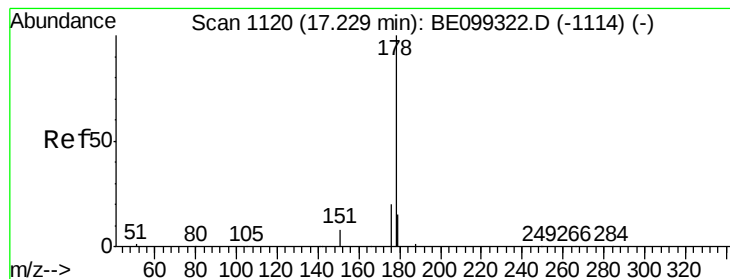


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.635 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

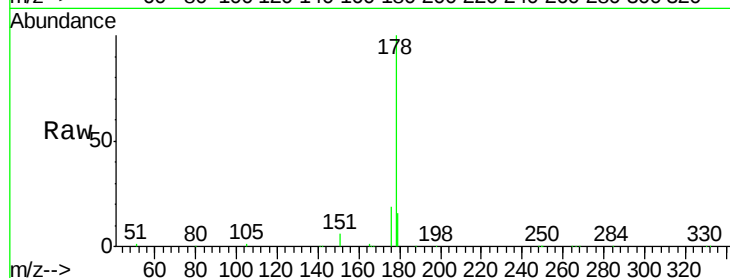
Tot Ion:178 Resp: 47292

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.9 12.4 18.6

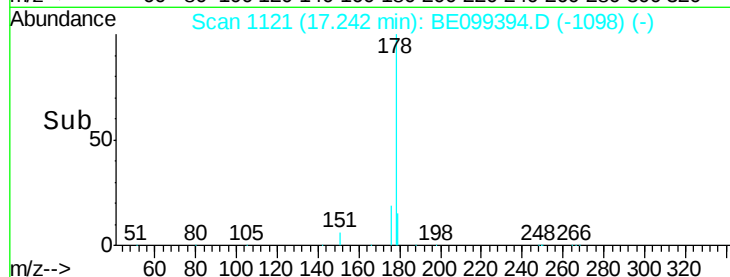


Abundance Ion 178.00 (177.70 to 178.70): E

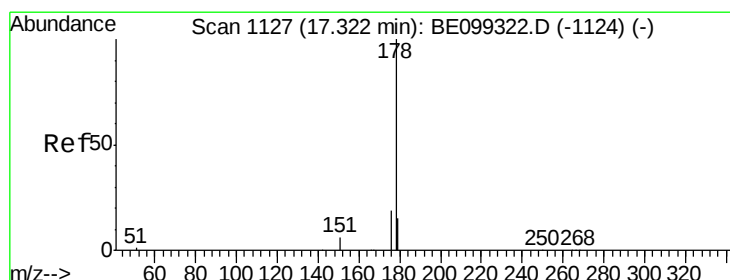
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time--> 17.10 17.20 17.30



Time--> 17.10 17.20 17.30



#24

Anthracene

Concen: 0.061 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

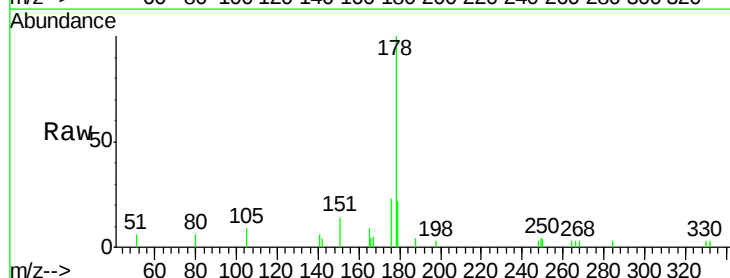
Tgt Ion:178 Resp: 4050

Ion Ratio Lower Upper

178 100

176 23.7 15.1 22.7#

179 0.0 11.9 17.9#

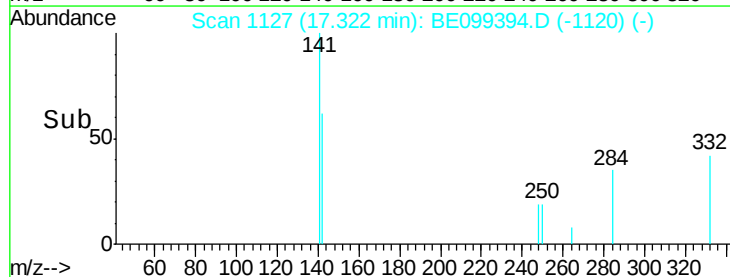


Abundance Ion 178.00 (177.70 to 178.70): E

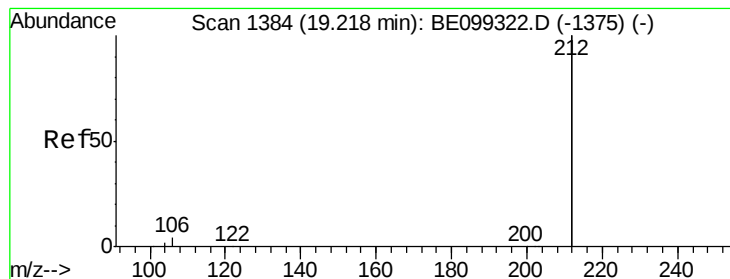
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time--> 17.25 17.30 17.35 17.40



Time--> 17.25 17.30 17.35 17.40



#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

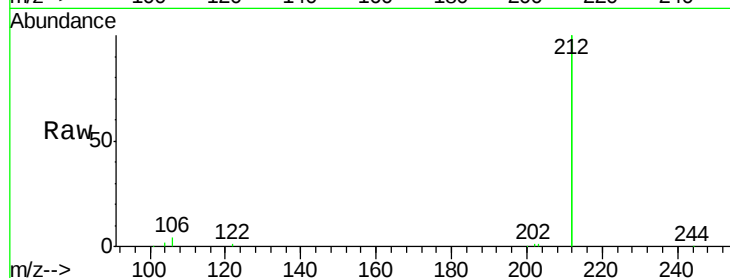
Tot Ion:212 Resp: 126392

Ion Ratio Lower Upper

212 100

106 1.9 1.8 2.6

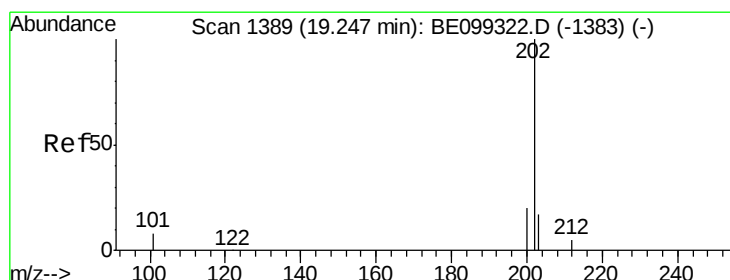
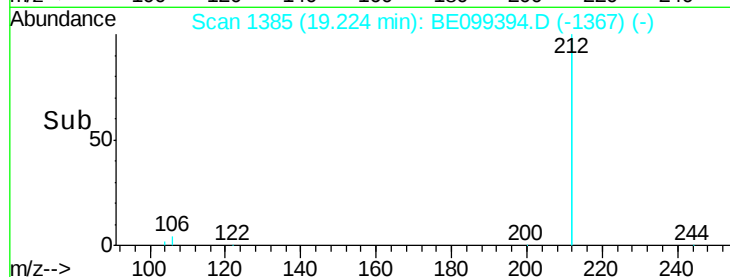
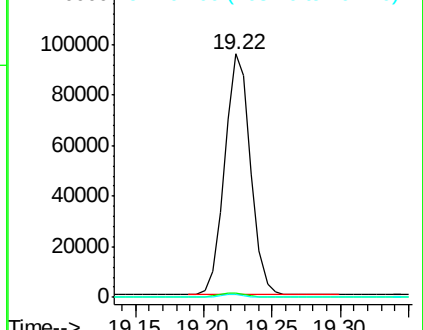
104 1.1 1.0 1.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.827 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

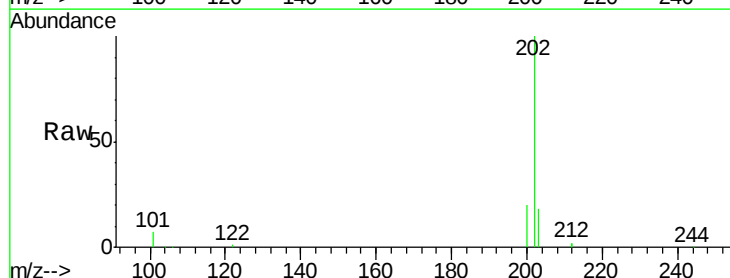
Tgt Ion:202 Resp: 82449

Ion Ratio Lower Upper

202 100

101 6.6 6.4 9.6

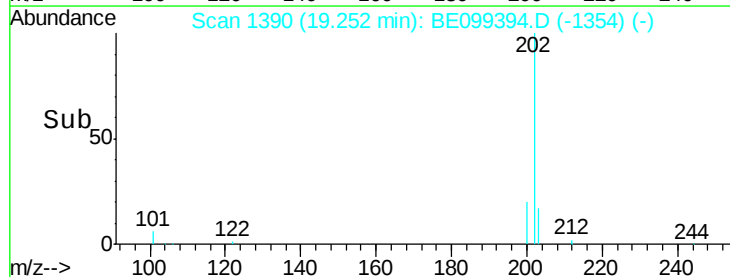
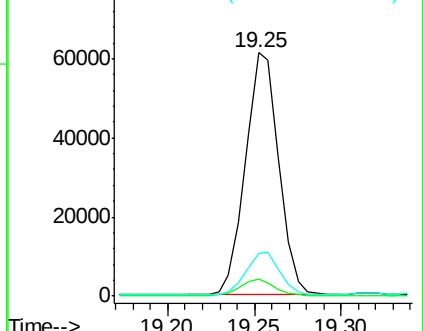
203 17.6 13.5 20.3

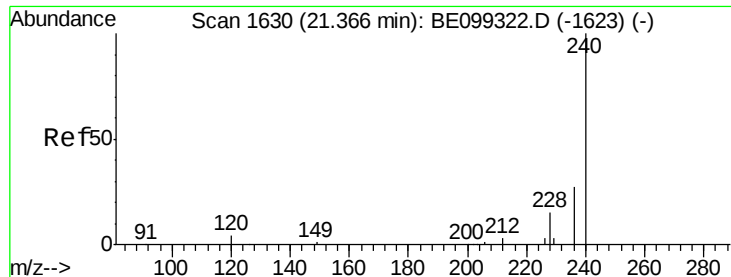


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

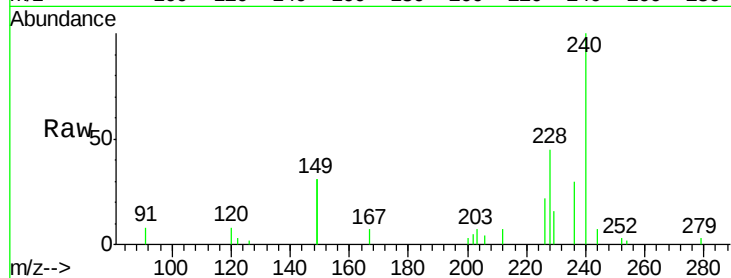
Tot Ion:240 Resp: 31955

Ion Ratio Lower Upper

240 100

120 7.9 2.2 3.2#

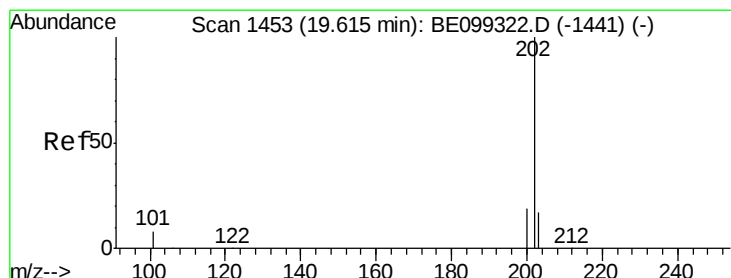
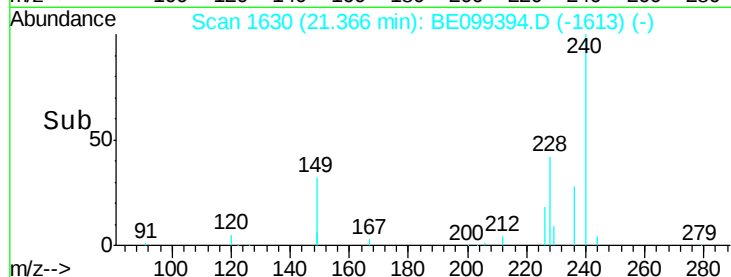
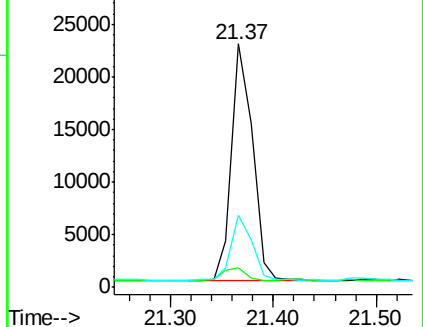
236 29.7 20.2 30.4



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: 0.907 ng

RT: 19.62 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

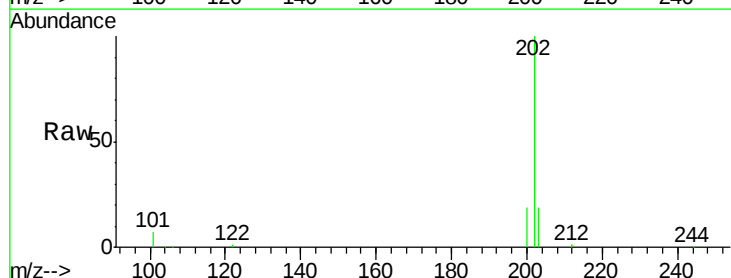
Tgt Ion:202 Resp: 85374

Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

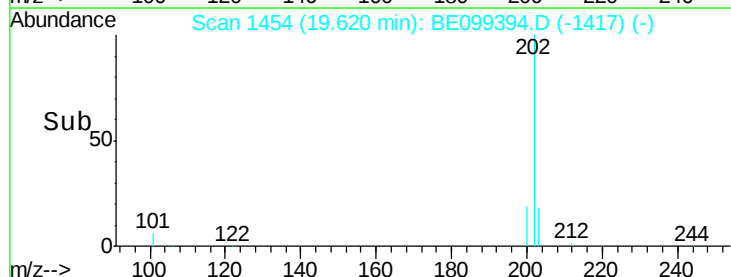
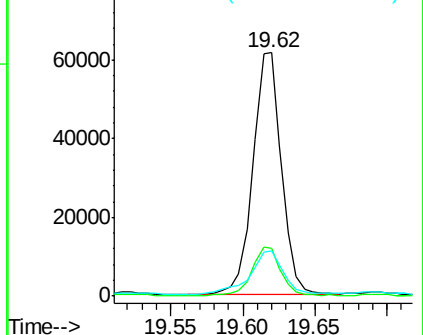
203 20.8 13.7 20.5#

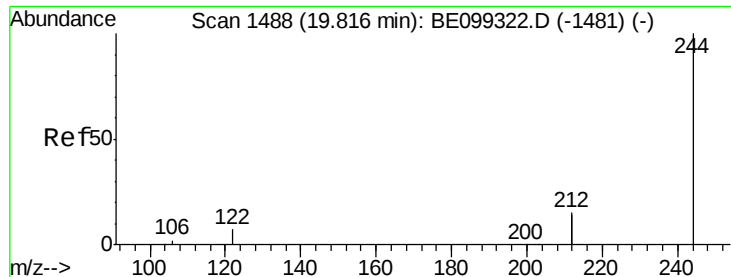


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.343 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

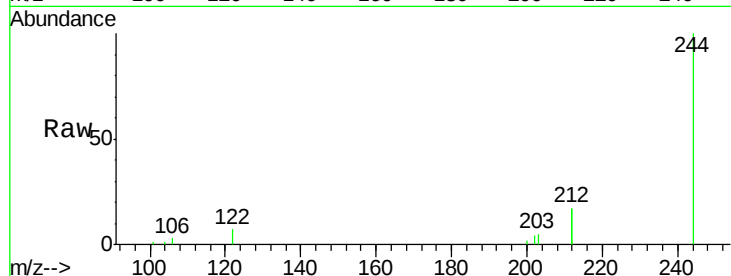
Tot Ion:244 Resp: 21563

Ion Ratio Lower Upper

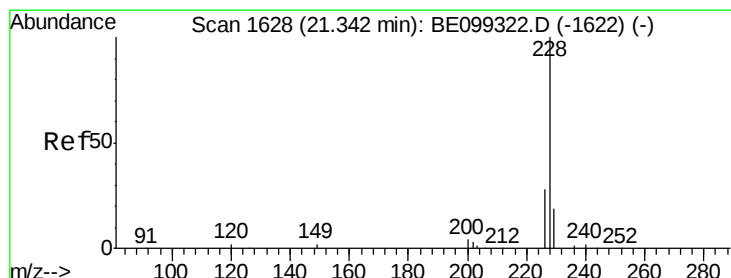
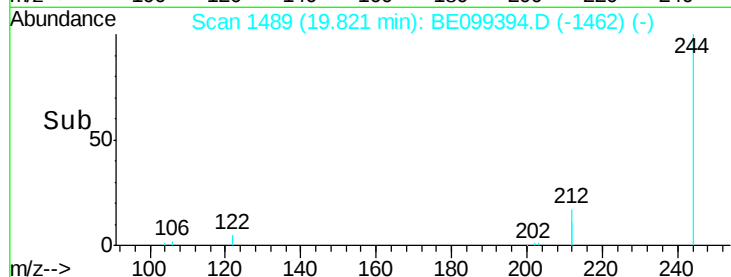
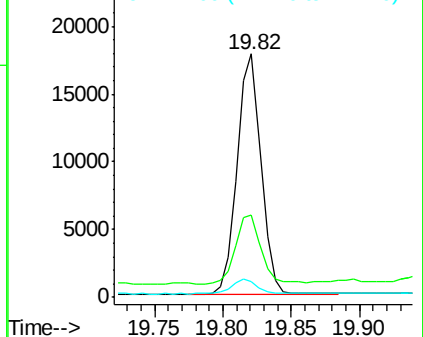
244 100

212 33.6 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: 0.511 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

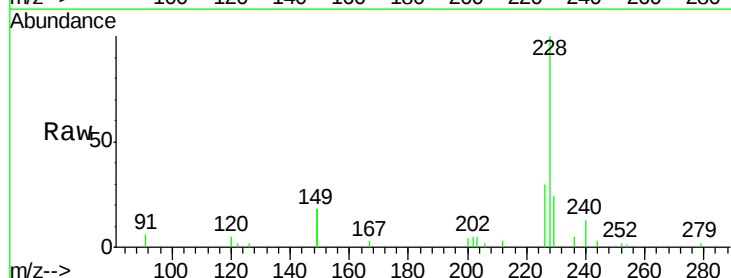
Tgt Ion:228 Resp: 48014

Ion Ratio Lower Upper

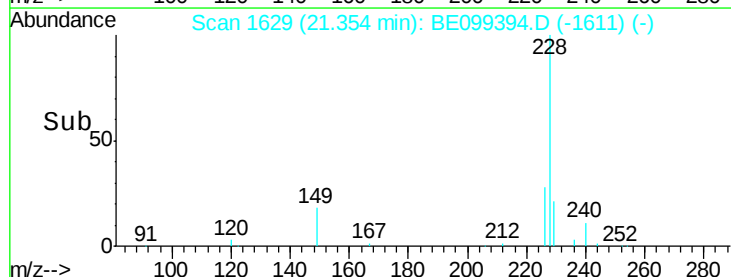
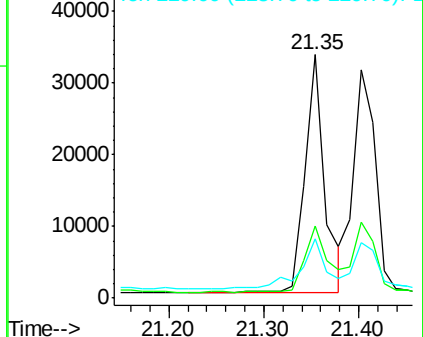
228 100

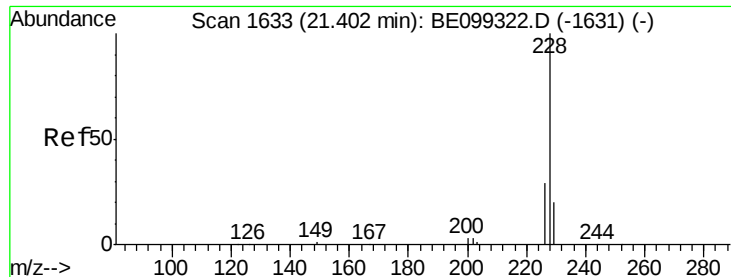
226 29.6 22.0 33.0

229 24.1 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: 0.443 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.05 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

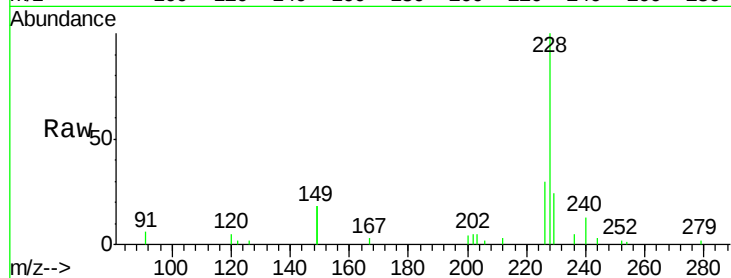
Tot Ion:228 Resp: 44254

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

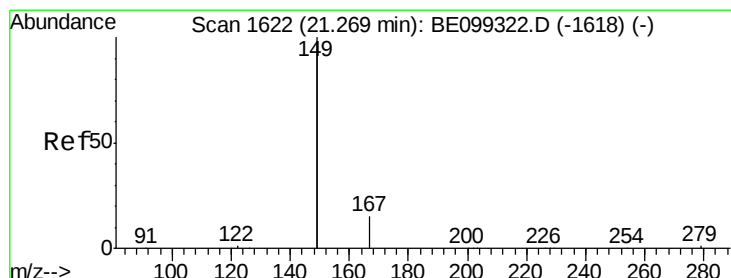
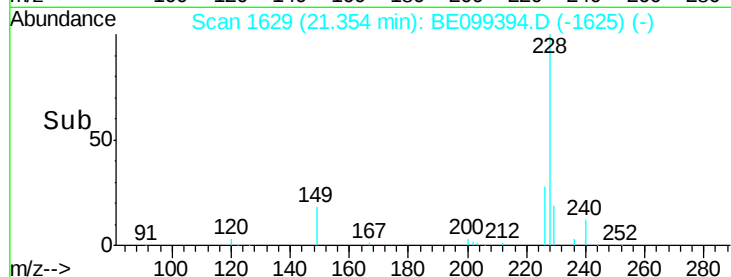
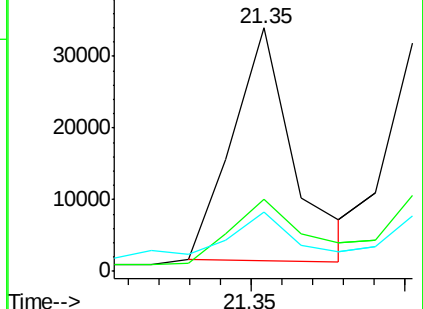
229 24.1 16.2 24.2



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: 0.571 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

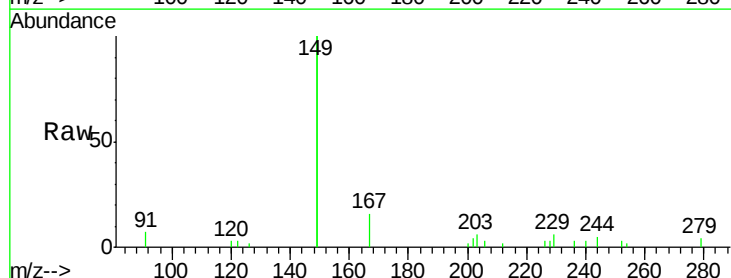
Tgt Ion:149 Resp: 48842

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

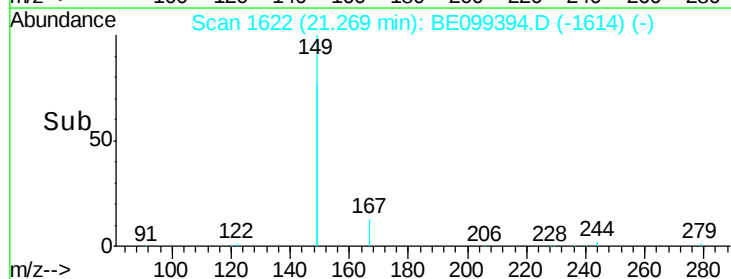
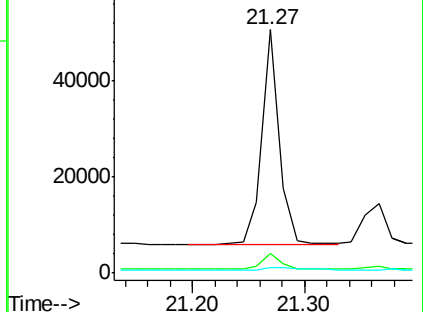
279 2.0 1.1 1.7#

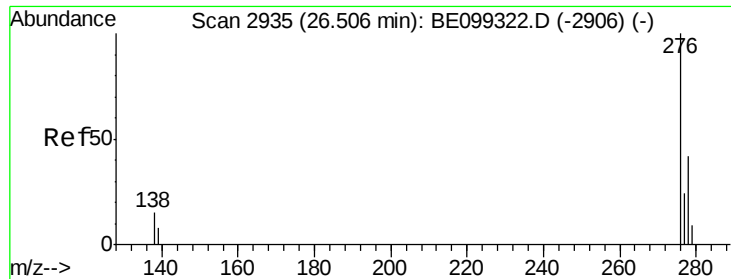


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

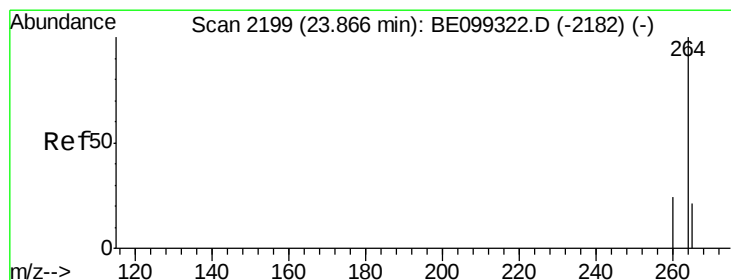
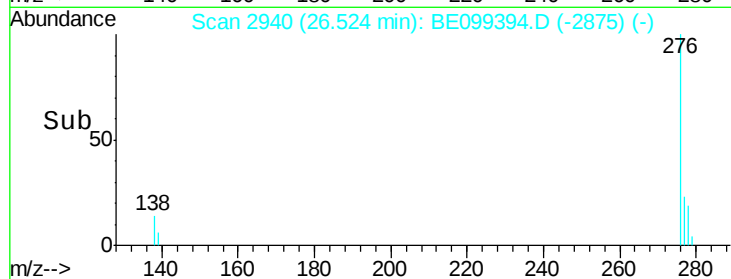
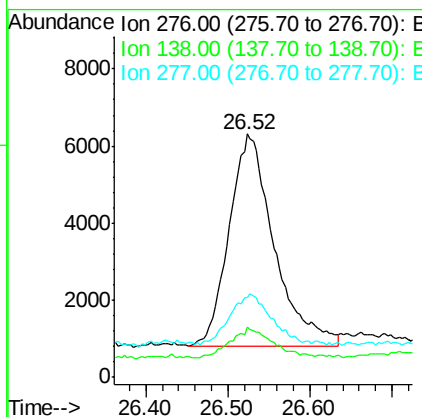
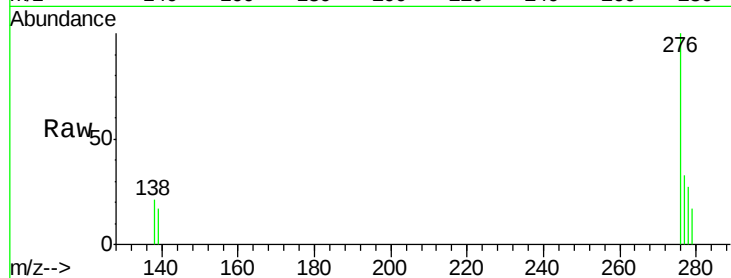




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.212 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.03 min
Lab File: BE099394.D
Acq: 27 Apr 2019 1:21

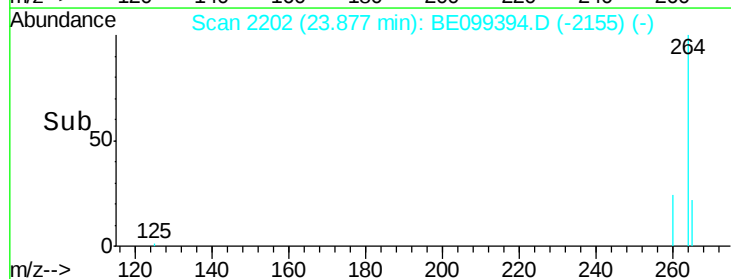
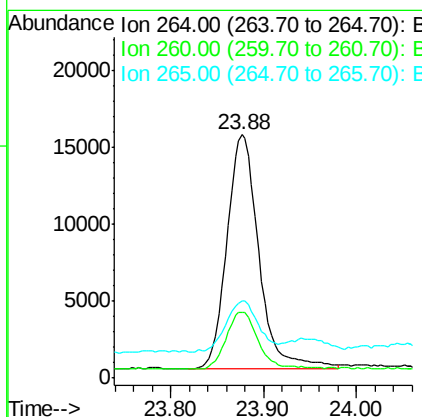
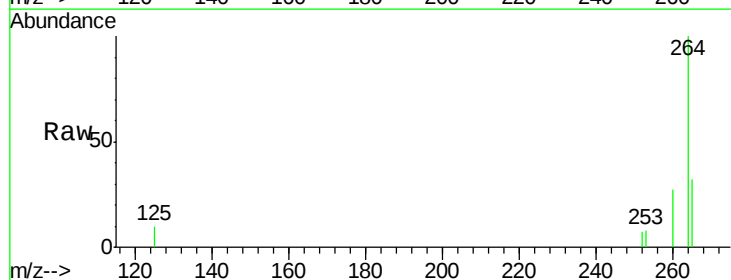
Instrument :
BNA_E
ClientSampleId :
EXT-027-SW019-042219

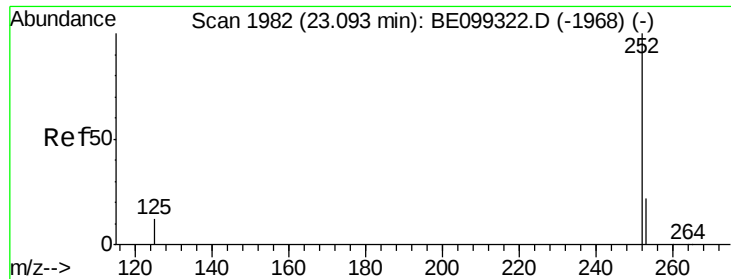
Tot Ion:276 Resp: 20907
Ion Ratio Lower Upper
276 100
138 13.0 12.7 19.1
277 22.3 19.6 29.4



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BE099394.D
Acq: 27 Apr 2019 1:21

Tgt Ion:264 Resp: 36677
Ion Ratio Lower Upper
264 100
260 27.0 20.1 30.1
265 31.7 19.9 29.9#





#35

Benzo(b)fluoranthene

Concen: 0.489 ng

RT: 23.10 min Scan# 1985

Delta R.T. 0.02 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

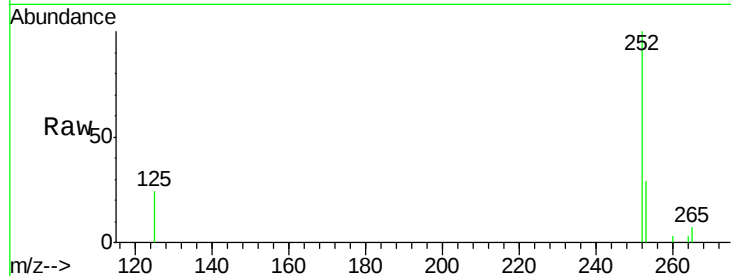
Tot Ion:252 Resp: 54930

Ion Ratio Lower Upper

252 100

253 29.1 17.3 25.9#

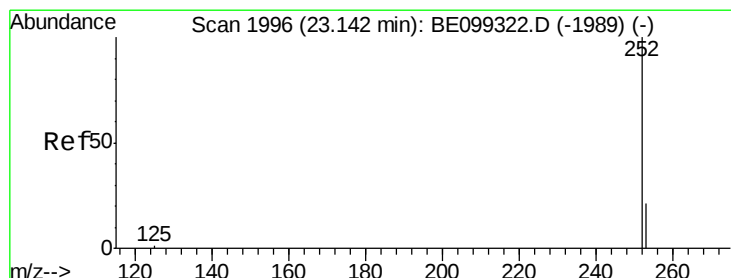
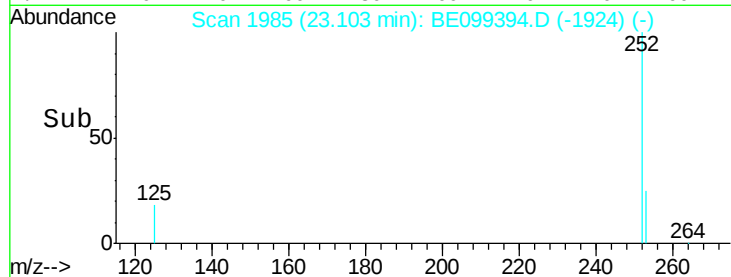
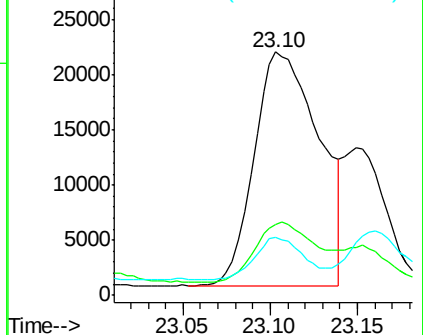
125 23.9 5.8 8.6#



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: 0.491 ng

RT: 23.10 min Scan# 1985

Delta R.T. -0.03 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

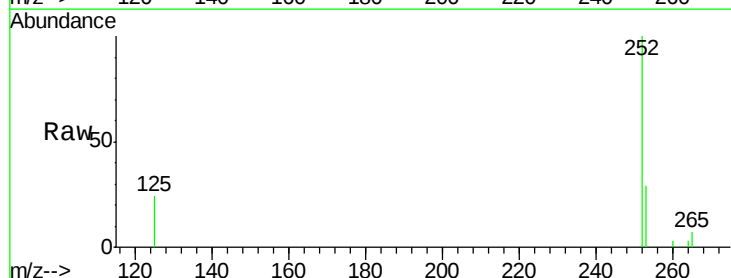
Tgt Ion:252 Resp: 54930

Ion Ratio Lower Upper

252 100

253 29.1 18.4 27.6#

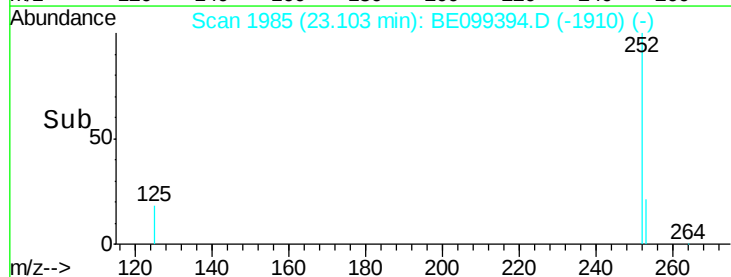
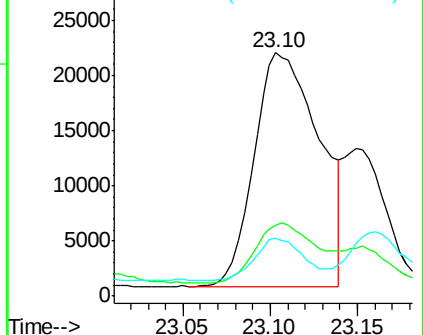
125 23.9 5.4 8.0#

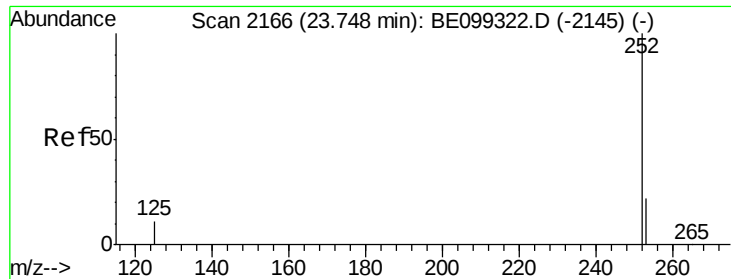


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.76 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219

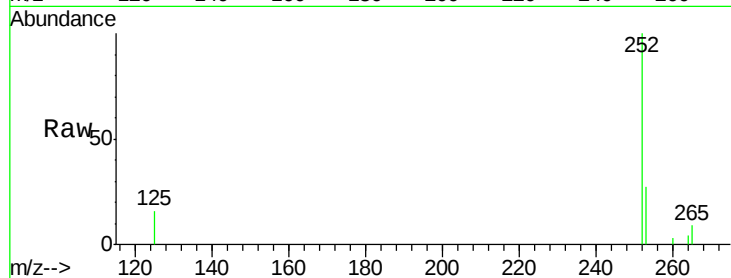
Tot Ion:252 Resp: 39444

Ion Ratio Lower Upper

252 100

253 27.2 17.6 26.4#

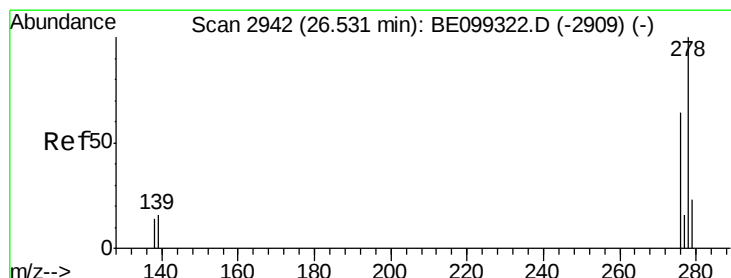
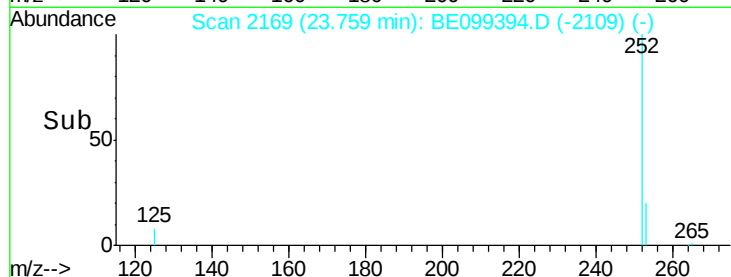
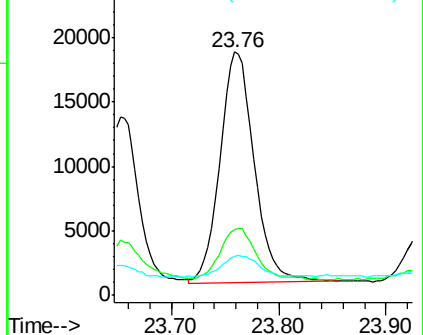
125 16.0 6.5 9.7#



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: 0.054 ng

RT: 26.54 min Scan# 2946

Delta R.T. 0.02 min

Lab File: BE099394.D

Acq: 27 Apr 2019 1:21

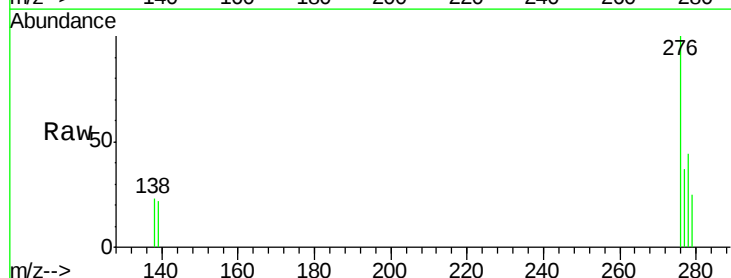
Tgt Ion:278 Resp: 5544

Ion Ratio Lower Upper

278 100

139 49.4 8.5 12.7#

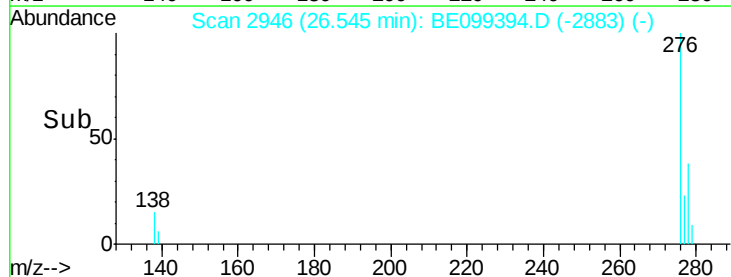
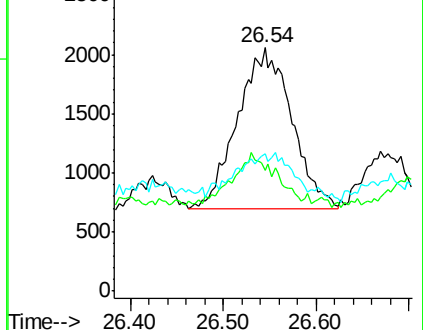
279 56.6 19.8 29.8#

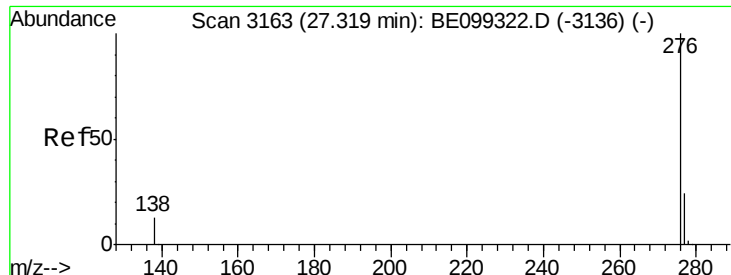


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.182 ng

RT: 27.35 min Scan# 3172

Delta R.T. 0.05 min

Lab File: BE099394.D

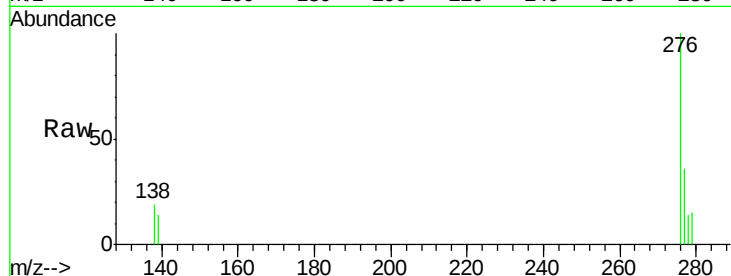
Acq: 27 Apr 2019 1:21

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW019-042219



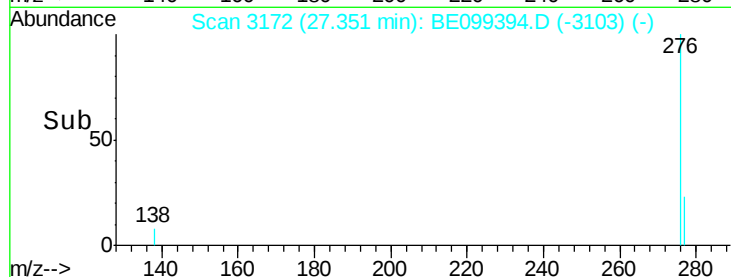
Tot Ion: 276 Resp: 18935

Ion Ratio Lower Upper

276 100

277 36.1 20.0 30.0#

138 18.7 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

