

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE033116\
 Data File : BE091576.D
 Acq On : 31 Mar 2016 4:46
 Operator : UM/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: Mar 31 05:16:09 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36471	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	168662	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	106180	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	272172	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	383127	5.00	ng	-0.02
28) Perylene-d12	23.76	264	328966	5.00	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	3775	0.40	ng	-0.02
5) Phenol-d6	6.97	99	5033	0.39	ng	-0.02
7) Nitrobenzene-d5	8.96	82	4383	0.39	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	1478	0.31	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	11700	0.39	ng	-0.02
24) Terphenyl-d14	19.76	244	18575	0.38	ng	-0.02

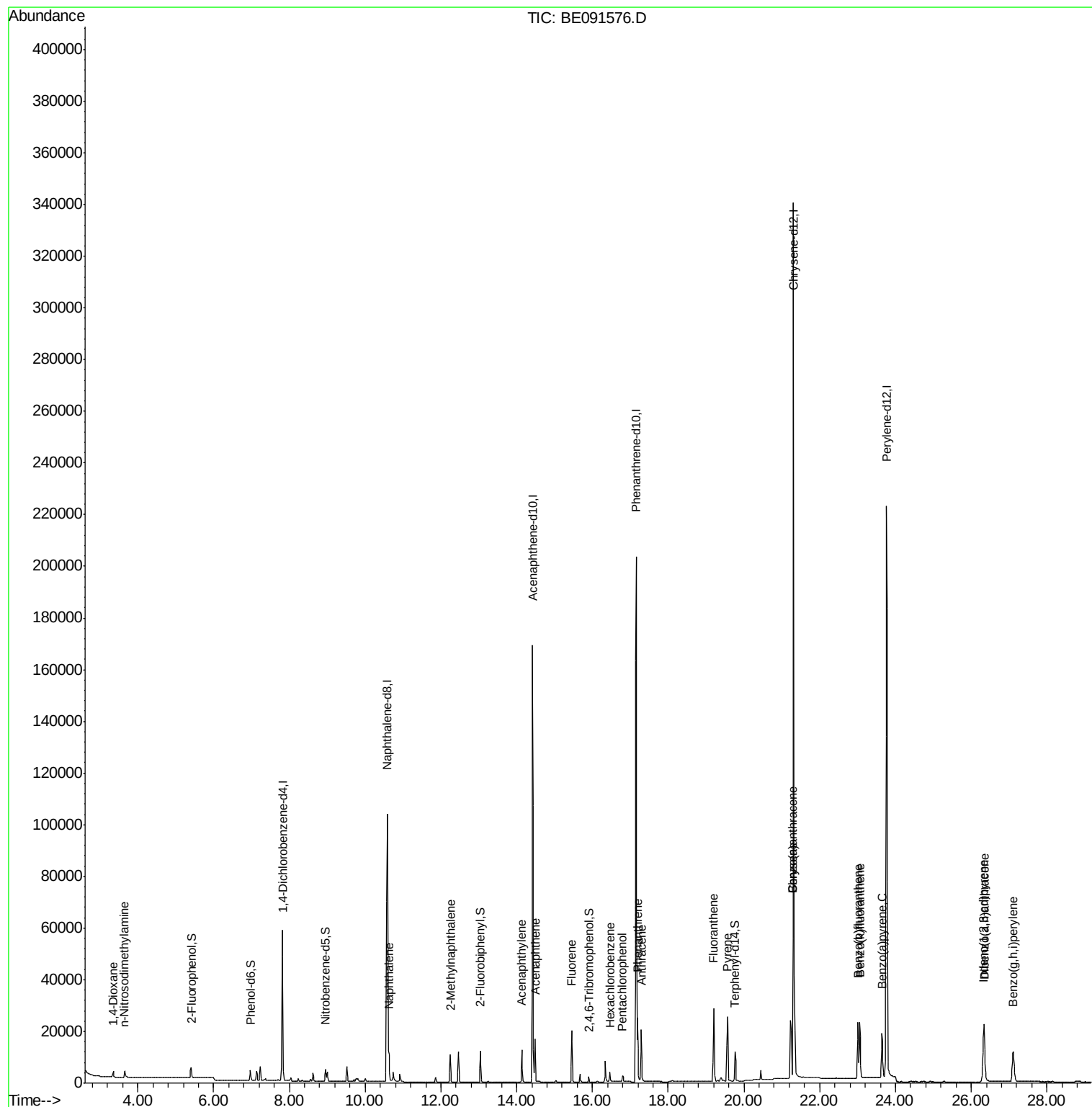
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	2058	0.38	ng	95
3) n-Nitrosodimethylamine	3.64	42	2597	0.39	ng	94
8) Naphthalene	10.63	128	13979	0.40	ng	97
9) 2-Methylnaphthalene	12.25	142	8989	0.39	ng	97
13) Acenaphthylene	14.14	152	17306	0.40	ng	# 92
14) Acenaphthene	14.49	154	10413	0.40	ng	97
15) Fluorene	15.46	166	13252	0.39	ng	100
17) Hexachlorobenzene	16.47	284	3917	0.39	ng	98
18) Pentachlorophenol	16.79	266	2057	0.37	ng	89
19) Phenanthrene	17.20	178	25266	0.40	ng	99
20) Anthracene	17.29	178	22651	0.39	ng	99
21) Fluoranthene	19.20	202	29507	0.39	ng	99
23) Pyrene	19.57	202	30788	0.39	ng	100
25) Benzo(a)anthracene	21.29	228	67587	0.75	ng	99
26) Chrysene	21.29	228	67899	0.88	ng	# 87
27) Indeno(1,2,3-cd)pyrene	26.33	276	33201	0.37	ng	100
29) Benzo(b)fluoranthene	23.01	252	31537	0.40	ng	99
30) Benzo(k)fluoranthene	23.06	252	30415	0.39	ng	96
31) Benzo(a)pyrene	23.65	252	29030	0.40	ng	97
32) Dibenzo(a,h)anthracene	26.34	278	27725	0.39	ng	99
33) Benzo(g,h,i)perylene	27.12	276	28337	0.39	ng	99

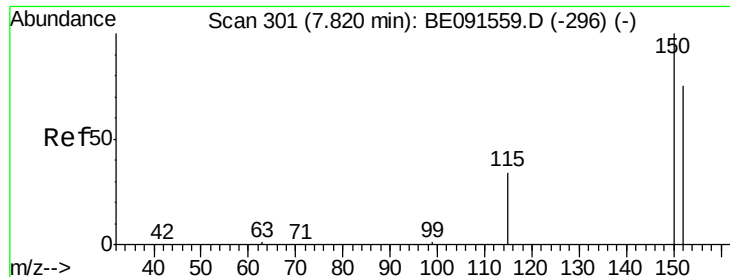
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. 0.00 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

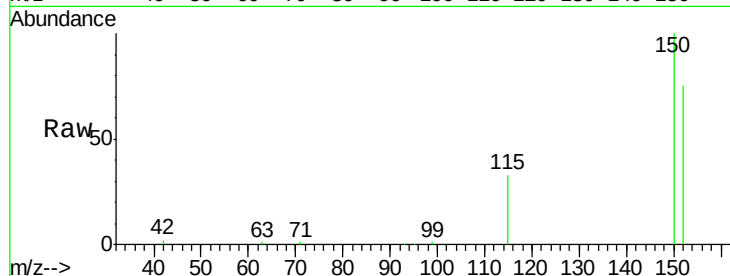
Tgt Ion:152 Resp: 36471

Ion Ratio Lower Upper

152 100

150 132.7 122.2 183.2

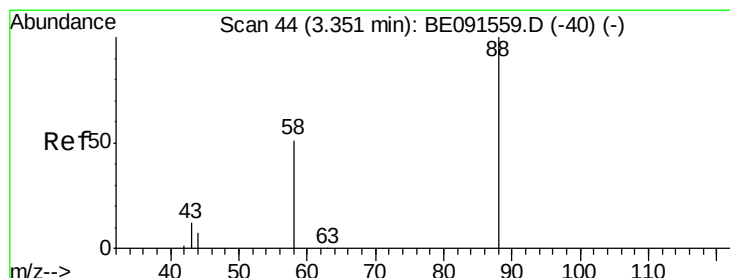
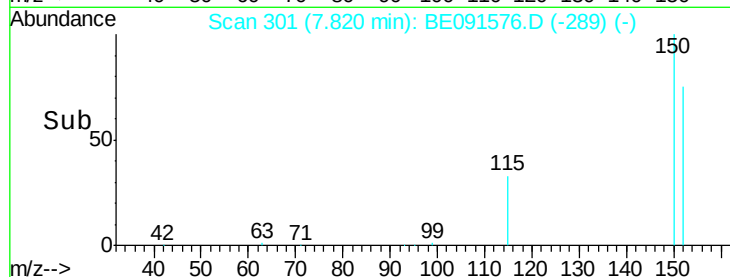
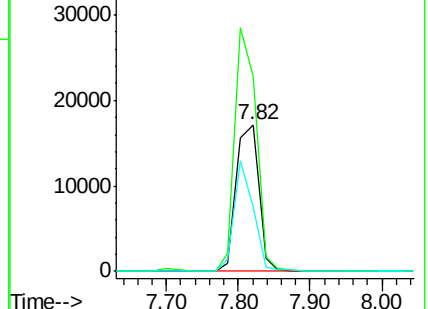
115 44.3 45.9 68.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.38 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

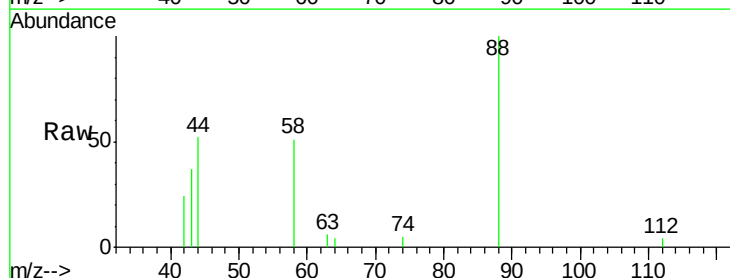
Tgt Ion: 88 Resp: 2058

Ion Ratio Lower Upper

88 100

58 72.4 61.0 91.6

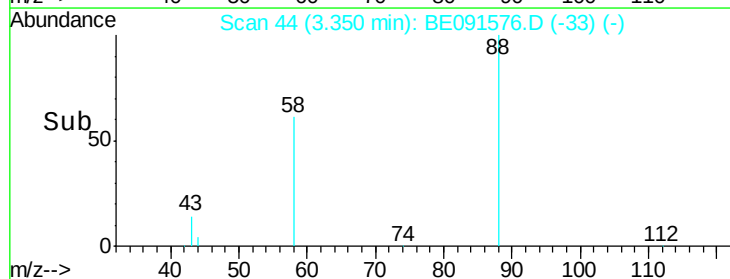
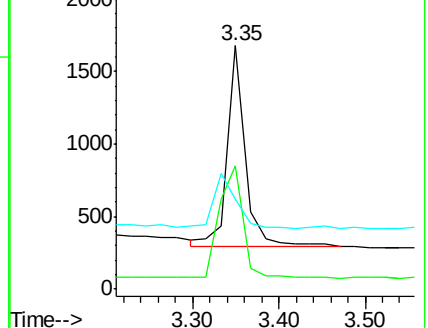
43 35.1 25.4 38.2

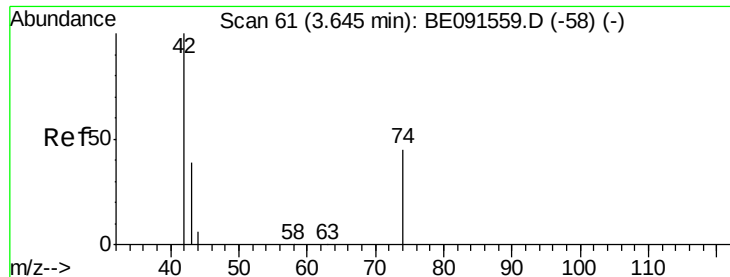


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

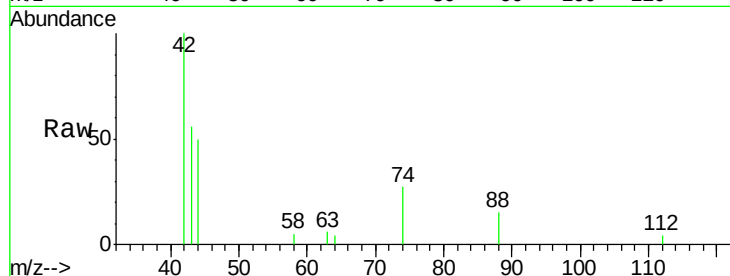
Tgt Ion: 42 Resp: 2597

Ion Ratio Lower Upper

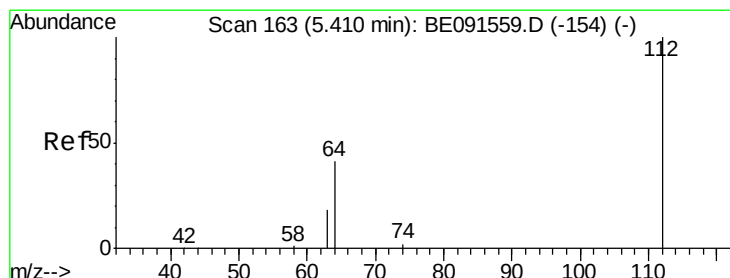
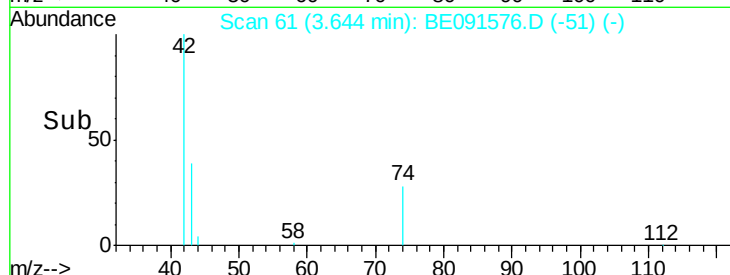
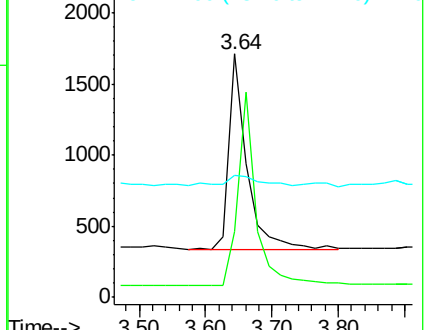
42 100

74 99.3 84.3 126.5

44 8.8 6.7 10.1



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: 0.40 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

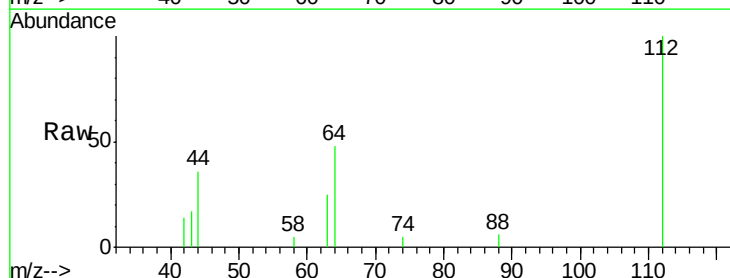
Tgt Ion: 112 Resp: 3775

Ion Ratio Lower Upper

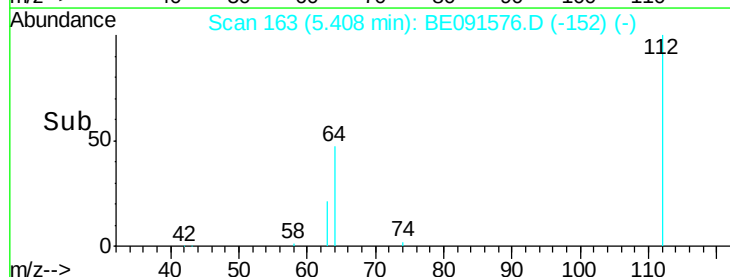
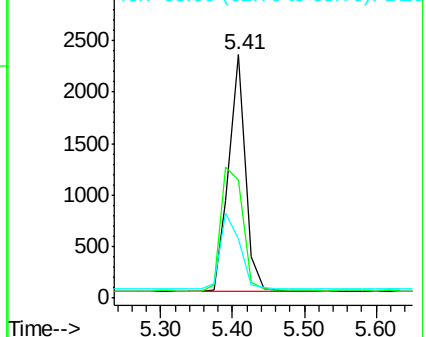
112 100

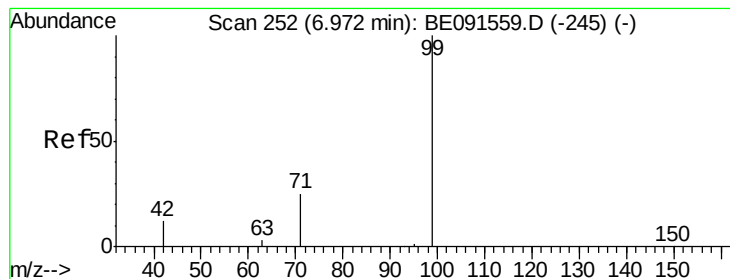
64 67.7 53.3 79.9

63 37.0 29.8 44.8



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: 0.39 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

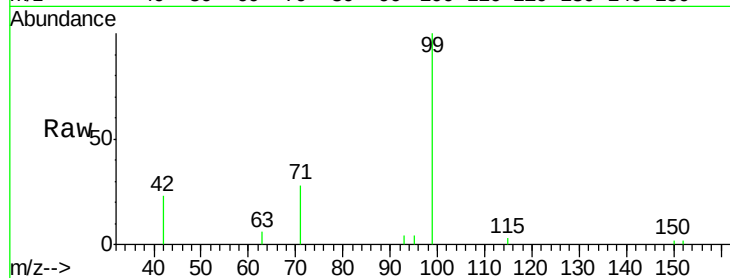
Tgt Ion: 99 Resp: 5033

Ion Ratio Lower Upper

99 100

42 26.6 20.6 30.8

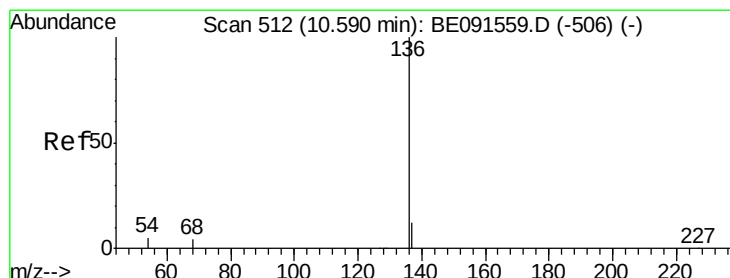
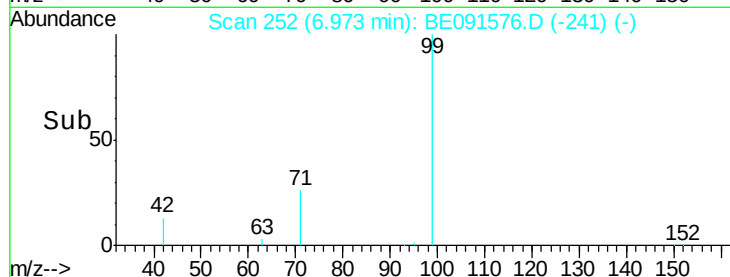
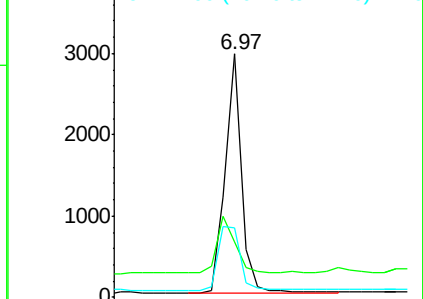
71 36.6 29.0 43.4



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Tgt Ion: 136 Resp: 168662

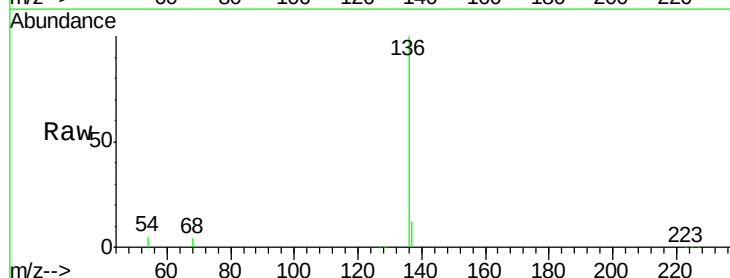
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 4.6 5.2 7.8#

68 3.9 4.1 6.1#

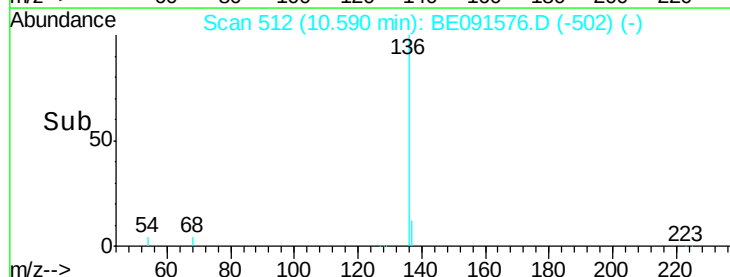
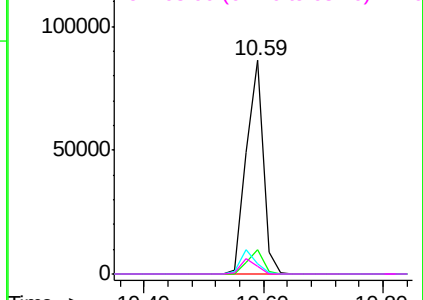


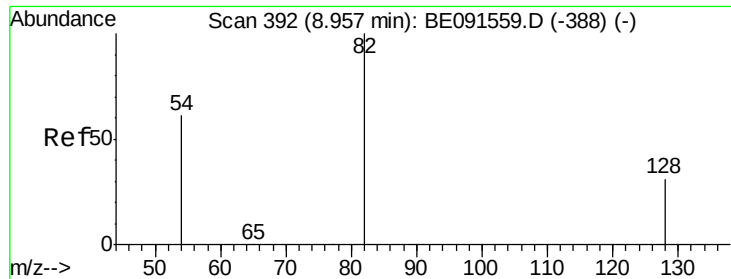
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 0.39 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

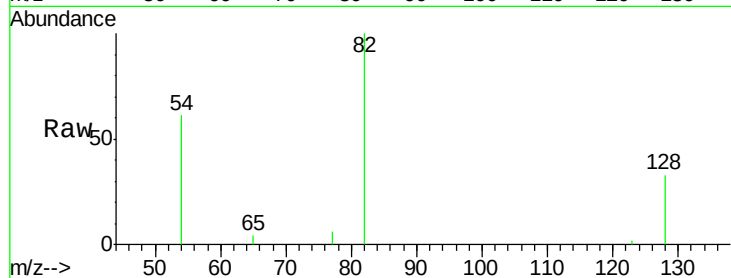
Tgt Ion: 82 Resp: 4383

Ion Ratio Lower Upper

82 100

128 32.6 23.5 35.3

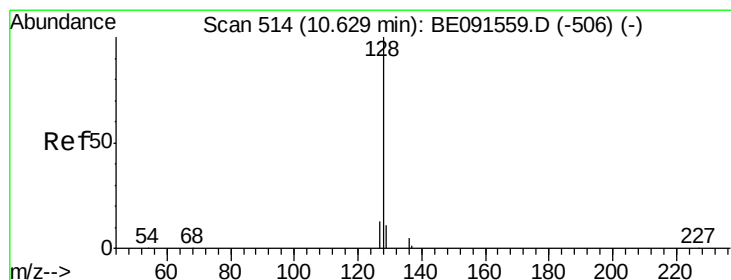
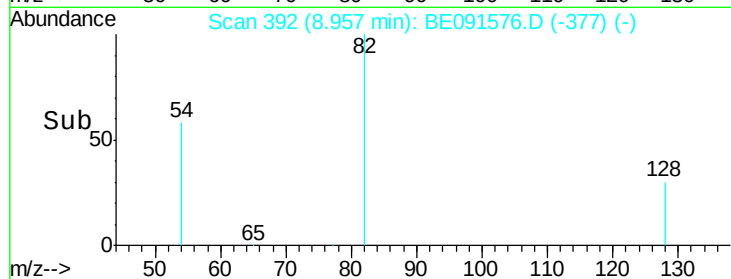
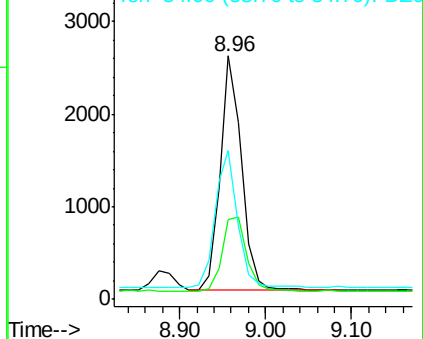
54 61.2 52.4 78.6



Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)



#8

Naphthalene

Concen: 0.40 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

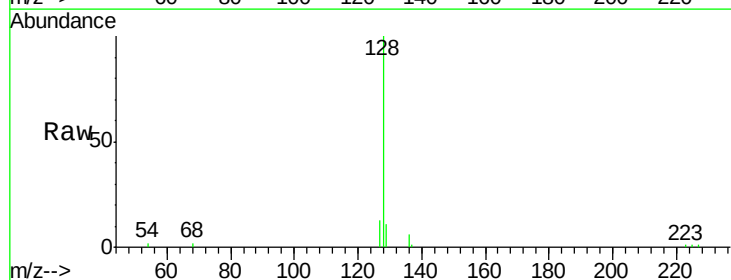
Tgt Ion: 128 Resp: 13979

Ion Ratio Lower Upper

128 100

129 11.4 8.2 12.2

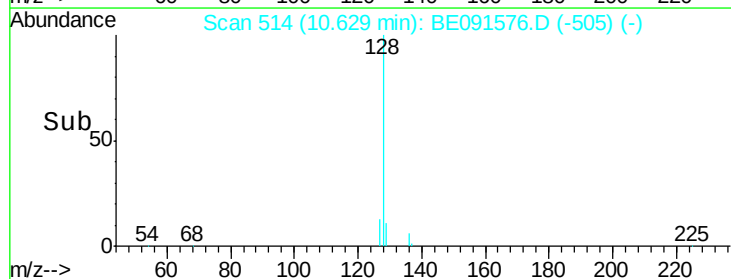
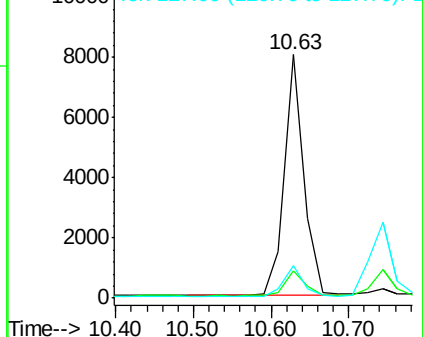
127 13.5 11.8 17.8

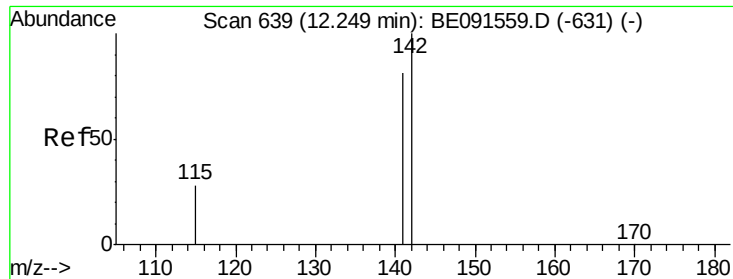


Abundance Ion 128.00 (127.70 to 128.70): BE091559.D (-506) (-)

Ion 129.00 (128.70 to 129.70): BE091559.D (-506) (-)

Ion 127.00 (126.70 to 127.70): BE091559.D (-506) (-)





#9

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.25 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

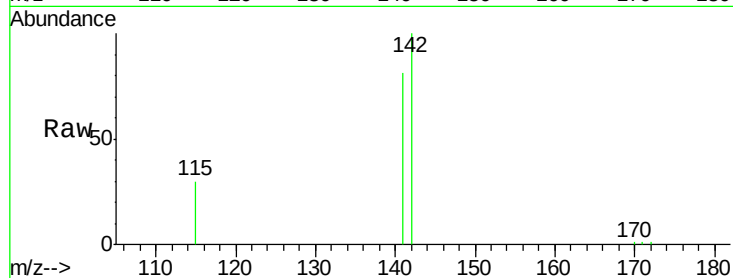
Tgt Ion:142 Resp: 8989

Ion Ratio Lower Upper

142 100

141 80.9 66.9 100.3

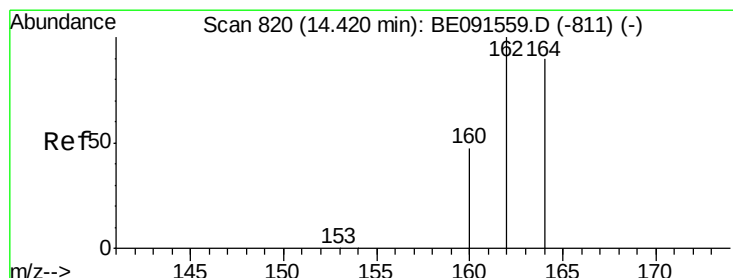
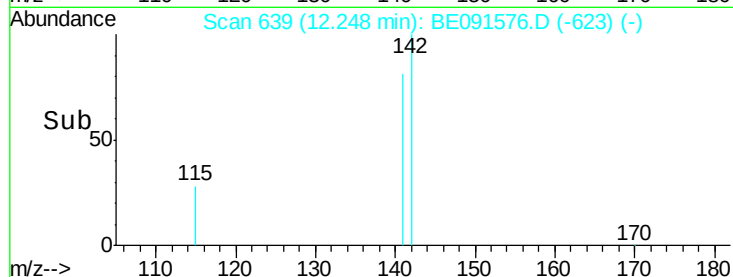
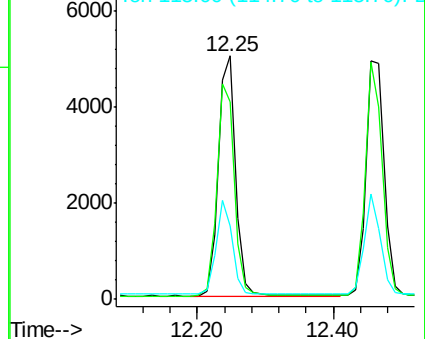
115 30.3 25.1 37.7



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

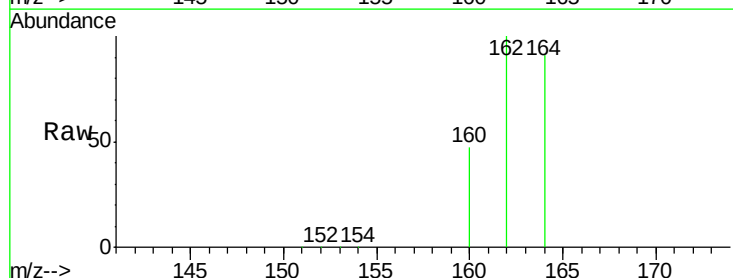
Tgt Ion:164 Resp: 106180

Ion Ratio Lower Upper

164 100

162 110.0 84.4 126.6

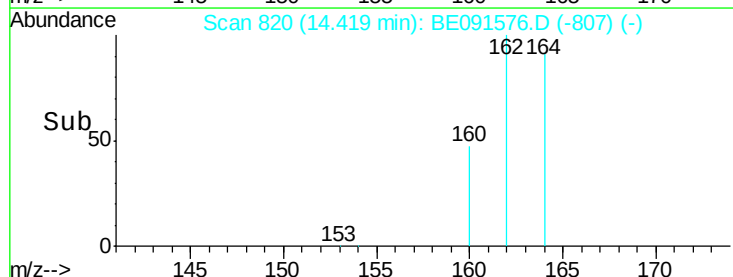
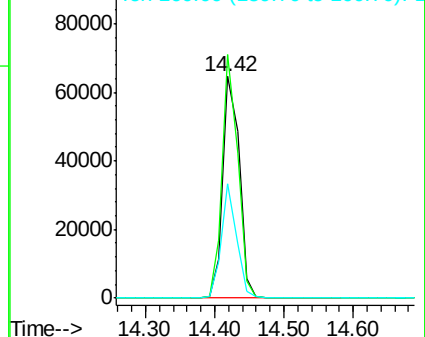
160 51.7 37.7 56.5

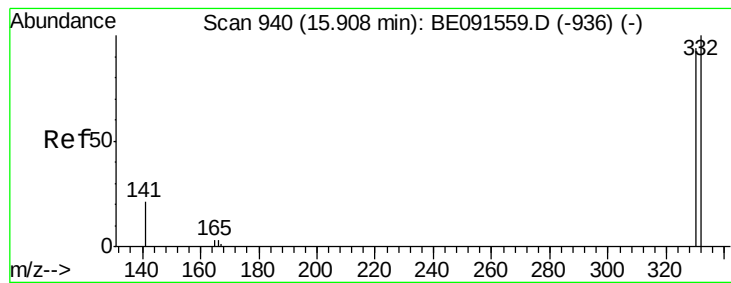


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

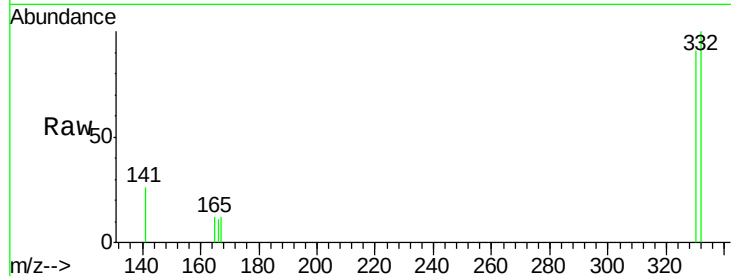




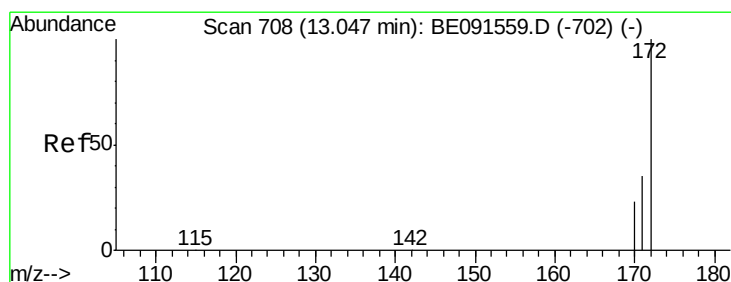
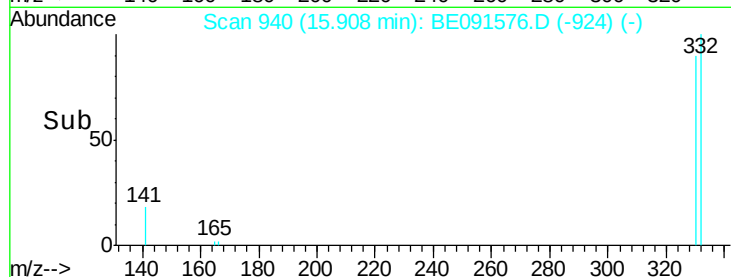
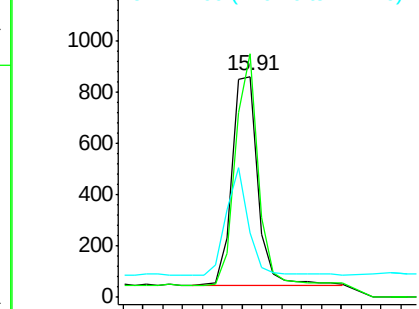
#11
 2,4,6-Tribromophenol
 Concen: 0.31 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091576.D
 Acq: 31 Mar 2016 4:46

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 1478
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.2 118.8
 141 43.9 28.1 42.1#

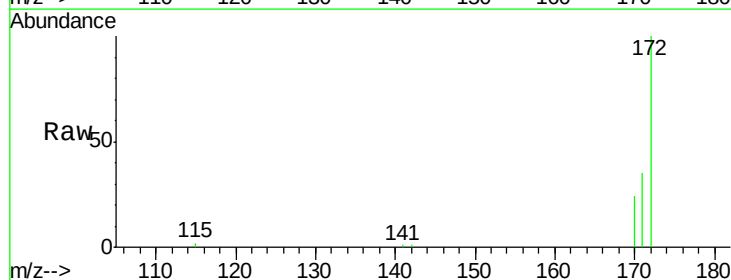


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

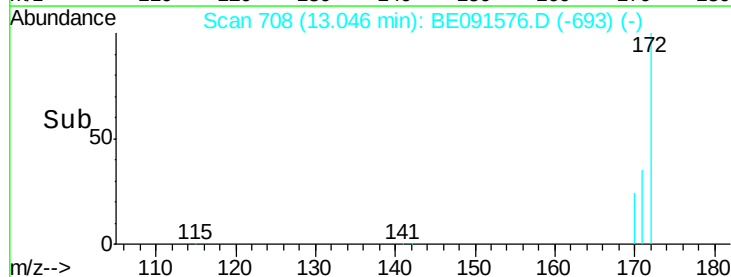
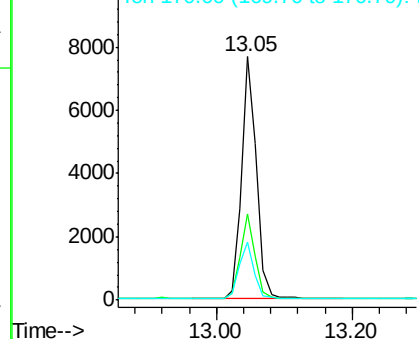


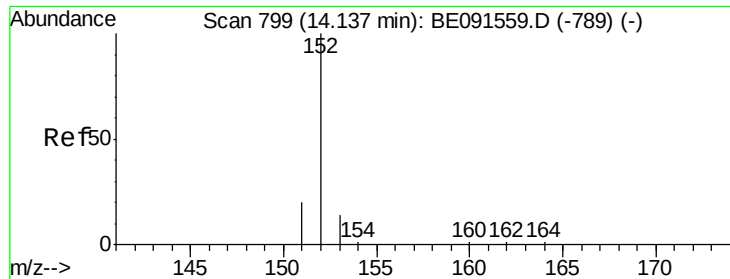
#12
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091576.D
 Acq: 31 Mar 2016 4:46

Tgt Ion:172 Resp: 11700
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.8 44.8
 170 24.1 21.4 32.2



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





#13

Acenaphthylene

Concen: 0.40 ng

RT: 14.14 min Scan# 799

Delta R.T. -0.01 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

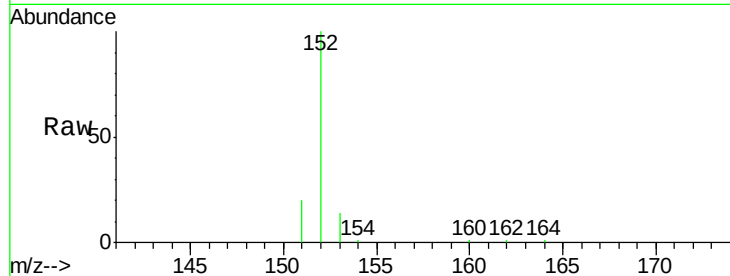
Tgt Ion:152 Resp: 17306

Ion Ratio Lower Upper

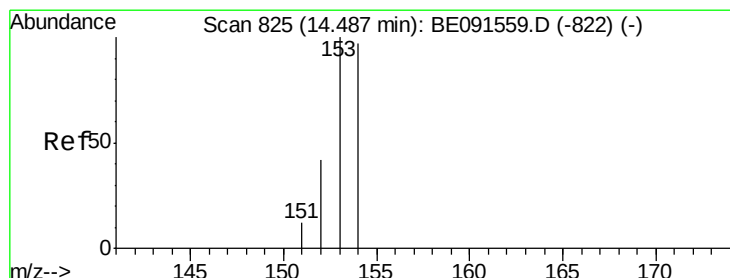
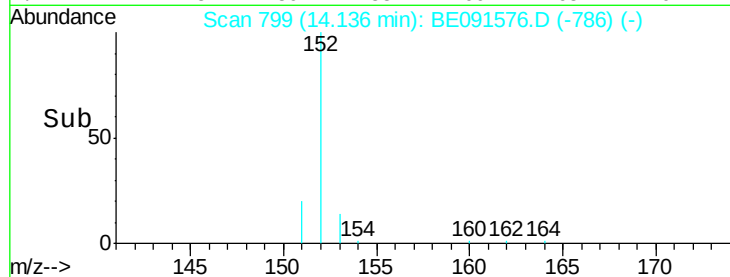
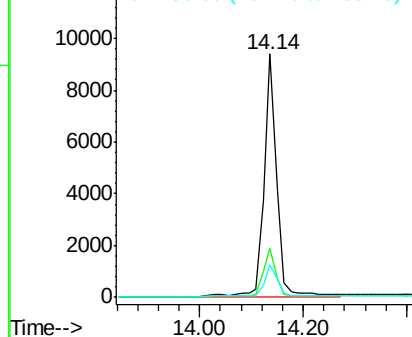
152 100

151 17.8 16.3 24.5

153 18.3 11.1 16.7#



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



#14

Acenaphthene

Concen: 0.40 ng

RT: 14.49 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

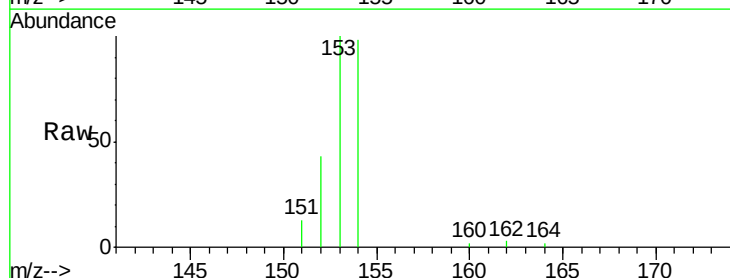
Tgt Ion:154 Resp: 10413

Ion Ratio Lower Upper

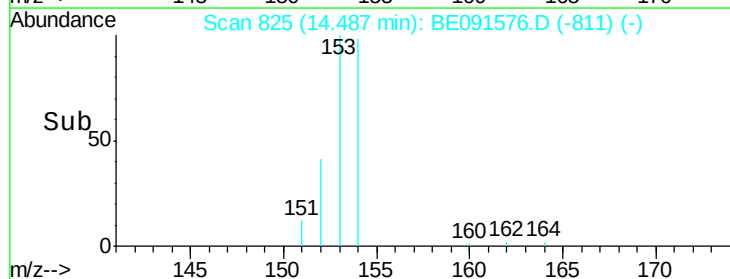
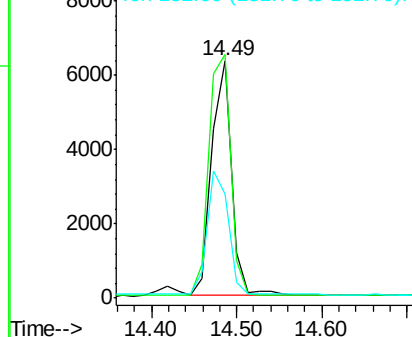
154 100

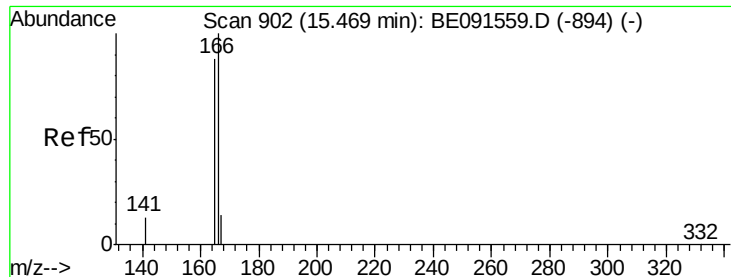
153 111.9 87.3 130.9

152 55.1 42.9 64.3



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





#15

Fluorene

Concen: 0.39 ng

RT: 15.46 min Scan# 901

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

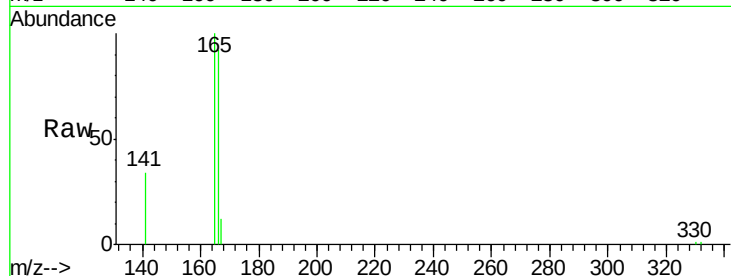
Tgt Ion:166 Resp: 13252

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

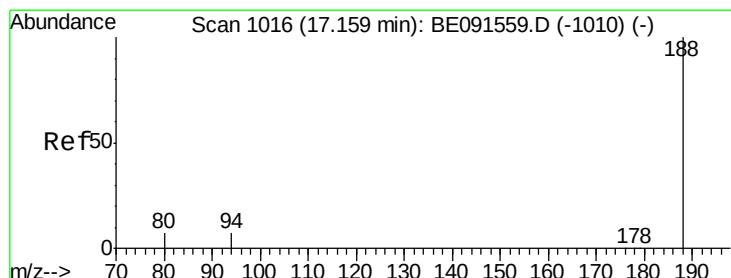
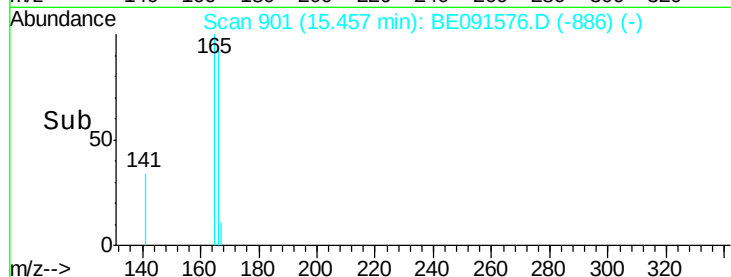
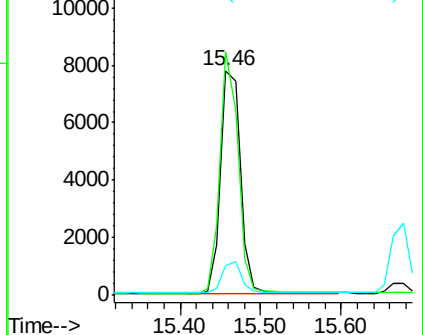
167 13.5 10.8 16.2



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



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

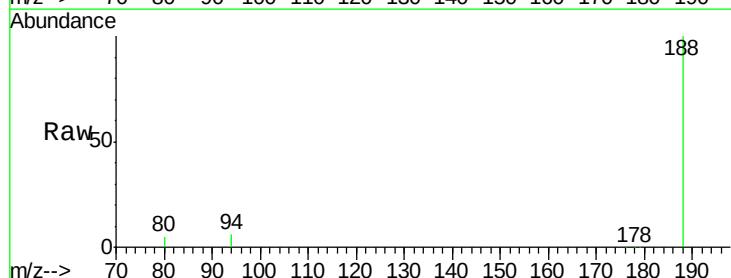
Tgt Ion:188 Resp: 272172

Ion Ratio Lower Upper

188 100

94 5.9 5.4 8.2

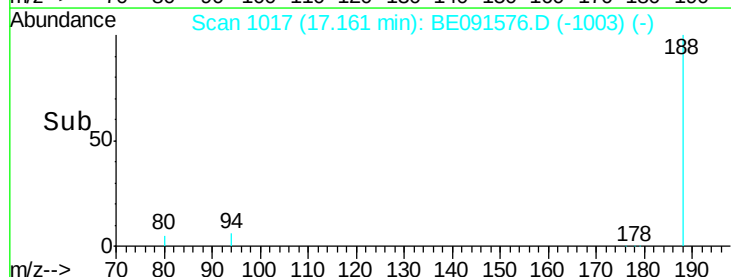
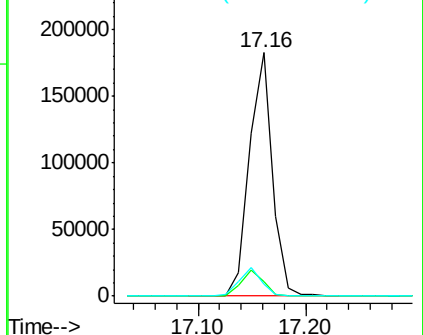
80 5.1 5.0 7.4

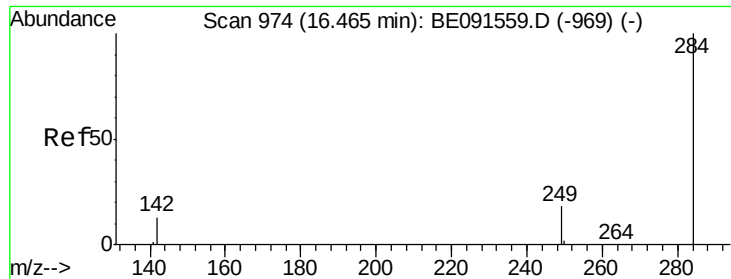


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

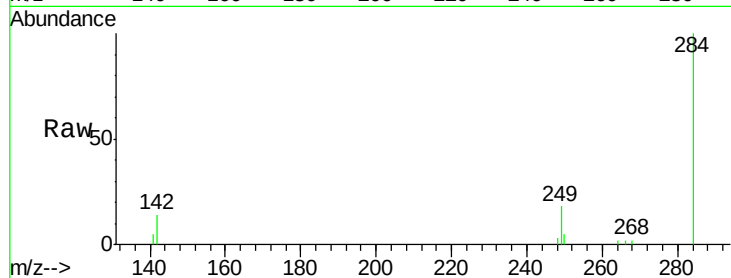




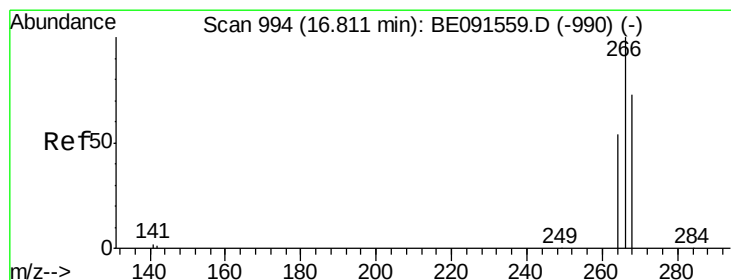
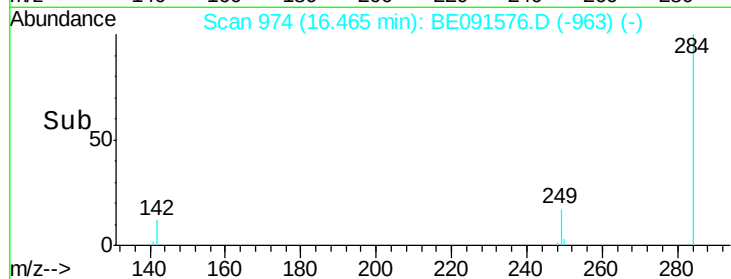
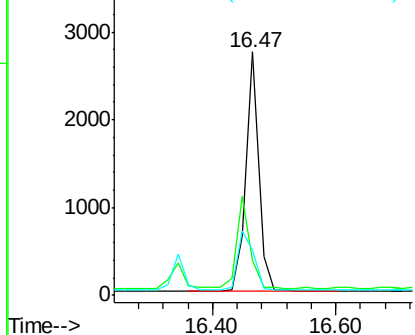
#17
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.47 min Scan# 974
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 284 Resp: 3917
Ion Ratio Lower Upper
284 100
142 40.2 31.0 46.4
249 31.4 25.8 38.8

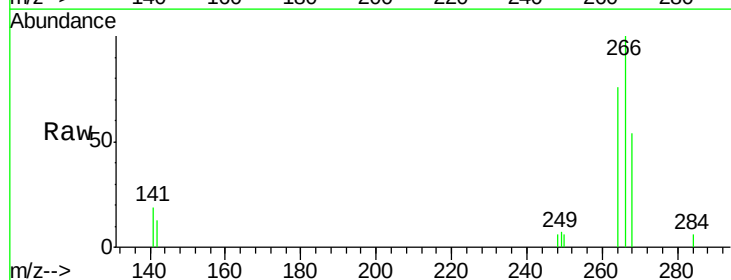


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

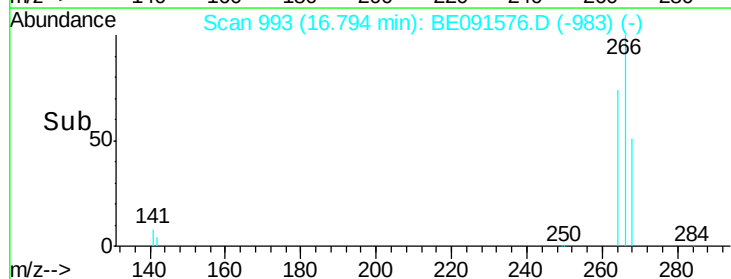
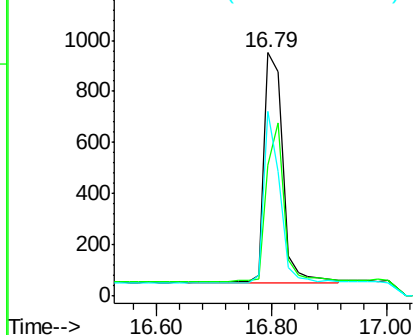


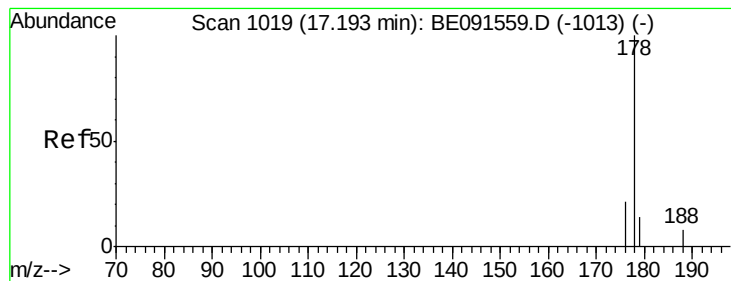
#18
Pentachlorophenol
Concen: 0.37 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.03 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion: 266 Resp: 2057
Ion Ratio Lower Upper
266 100
268 54.0 48.2 72.2
264 75.7 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#19

Phenanthrene

Concen: 0.40 ng

RT: 17.20 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

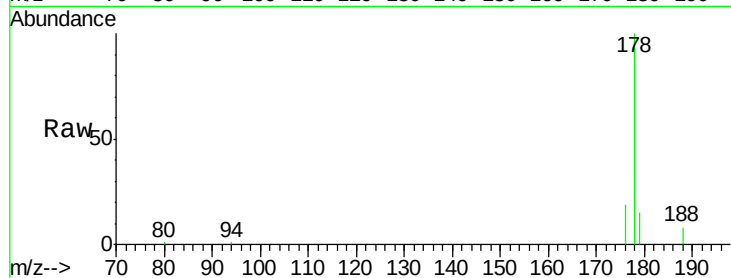
Tgt Ion:178 Resp: 25266

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

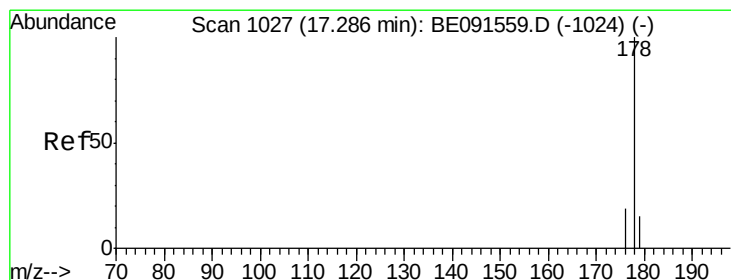
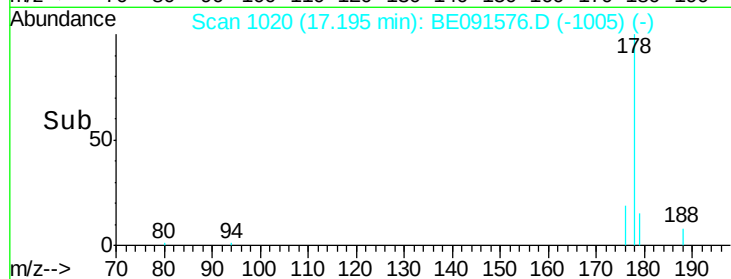
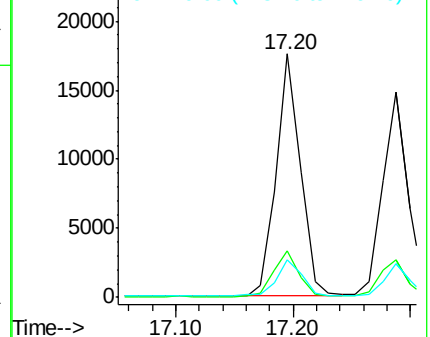
179 16.1 13.1 19.7



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



#20

Anthracene

Concen: 0.39 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

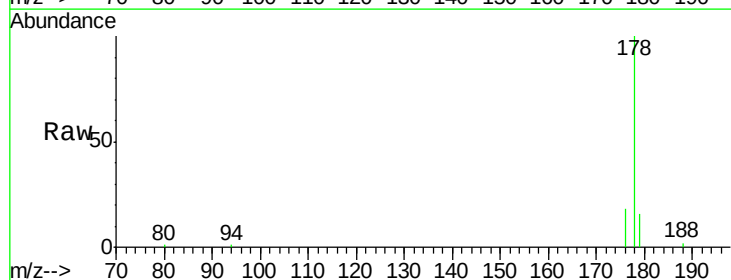
Tgt Ion:178 Resp: 22651

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

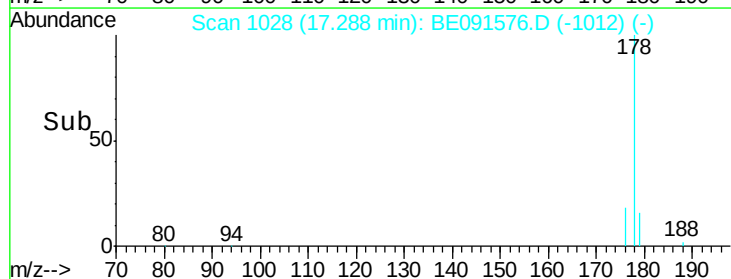
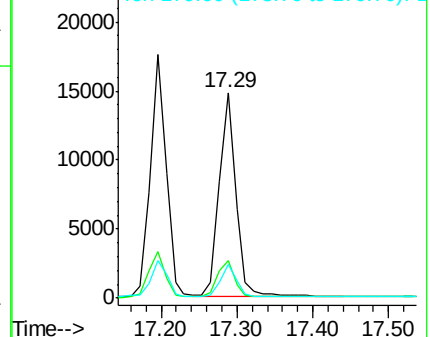
179 15.0 12.2 18.4

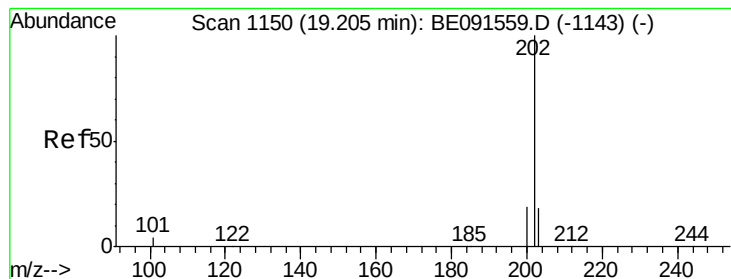


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 0.39 ng

RT: 19.20 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

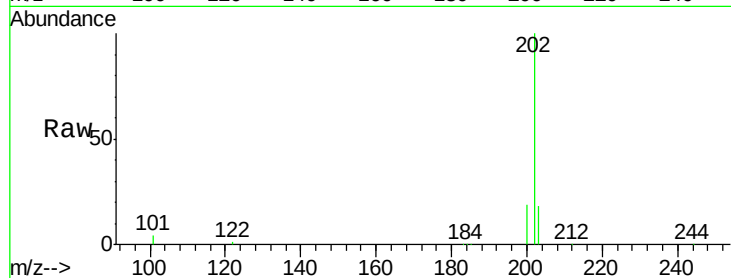
Tgt Ion:202 Resp: 29507

Ion Ratio Lower Upper

202 100

101 11.4 8.3 12.5

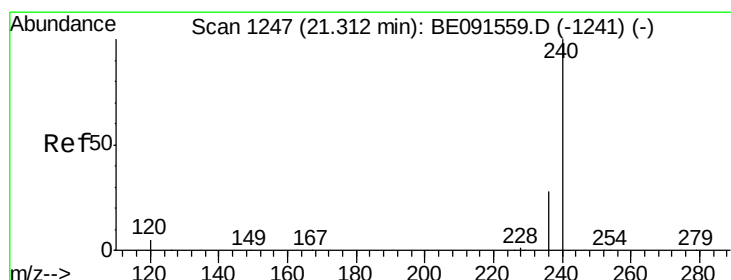
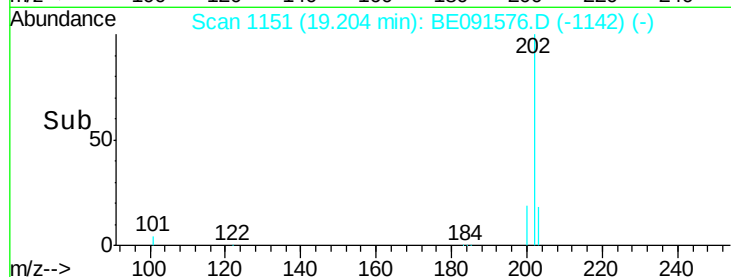
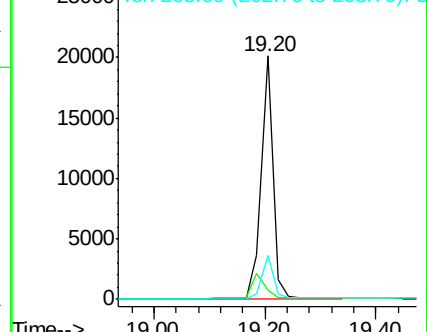
203 17.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

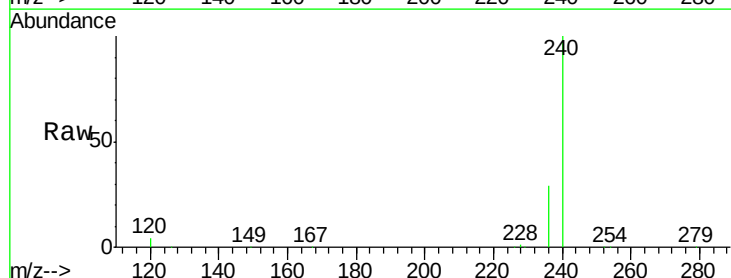
Tgt Ion:240 Resp: 383127

Ion Ratio Lower Upper

240 100

120 4.2 4.0 6.0

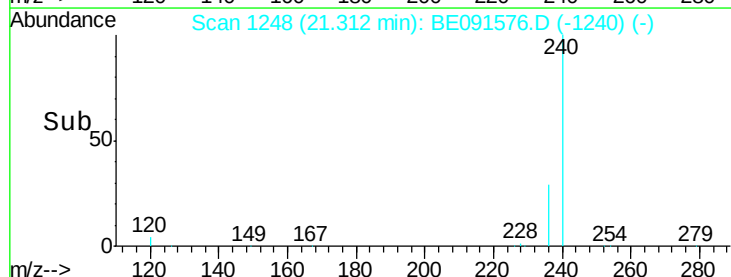
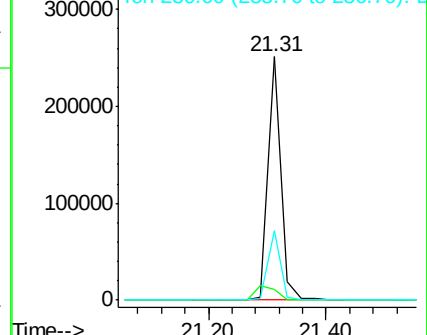
236 28.6 23.0 34.4

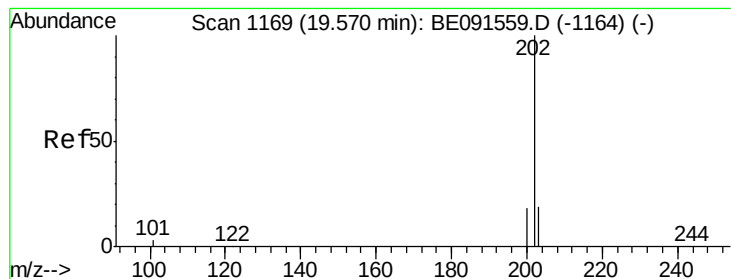


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#23

Pyrene

Concen: 0.39 ng

RT: 19.57 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

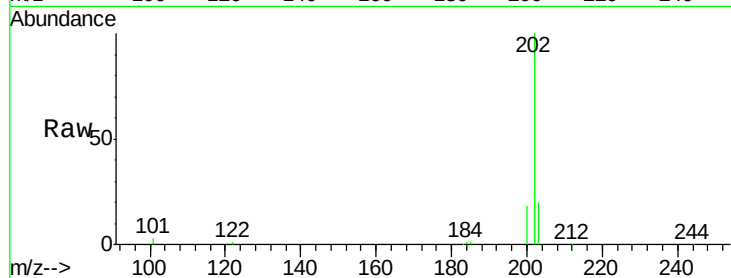
Tgt Ion: 202 Resp: 30788

Ion Ratio Lower Upper

202 100

200 20.8 16.4 24.6

203 18.3 14.6 21.8

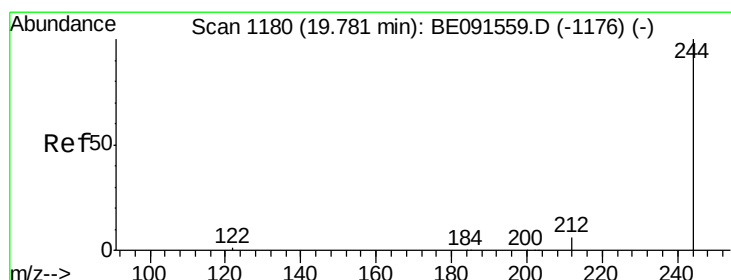
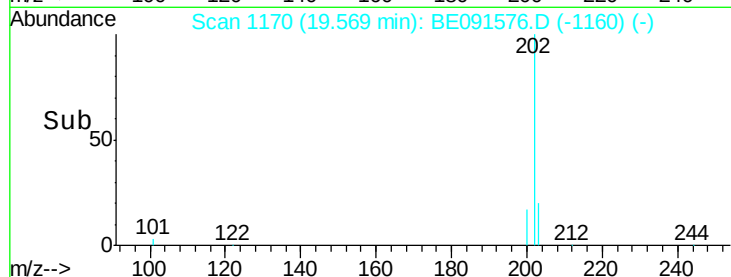
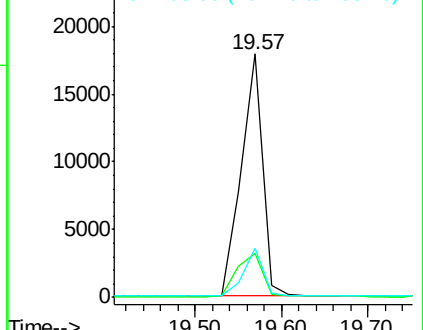


Abundance

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



#24

Terphenyl-d14

Concen: 0.38 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

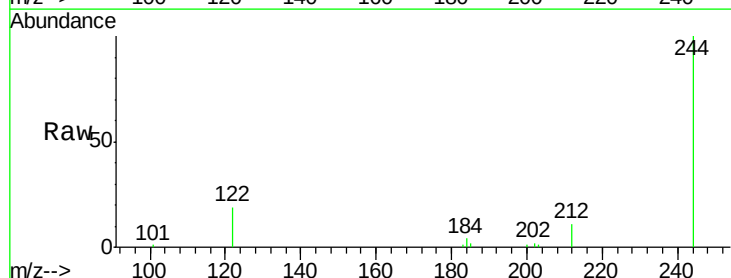
Tgt Ion: 244 Resp: 18575

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

122 18.7 1.8 2.8#

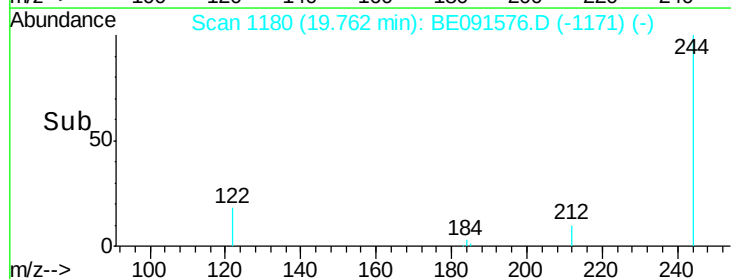
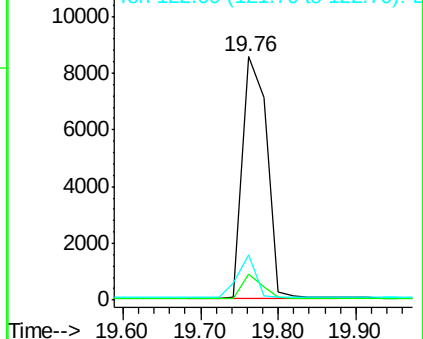


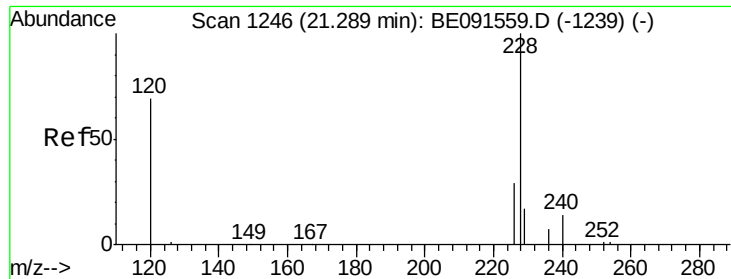
Abundance

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

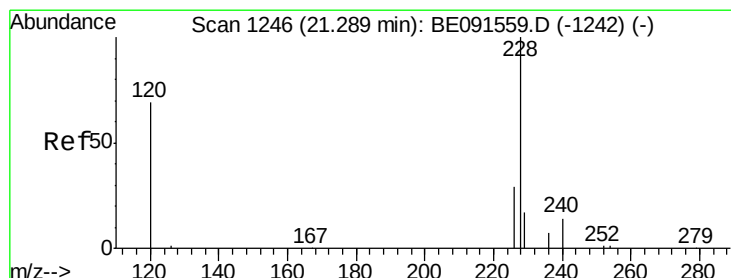
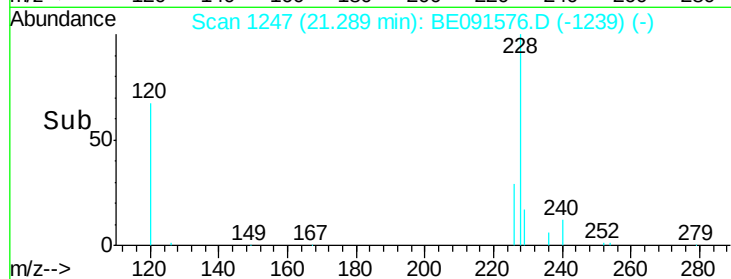
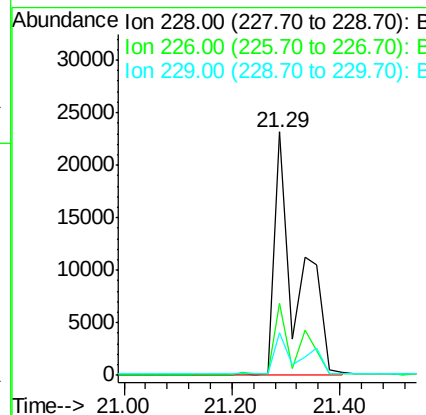
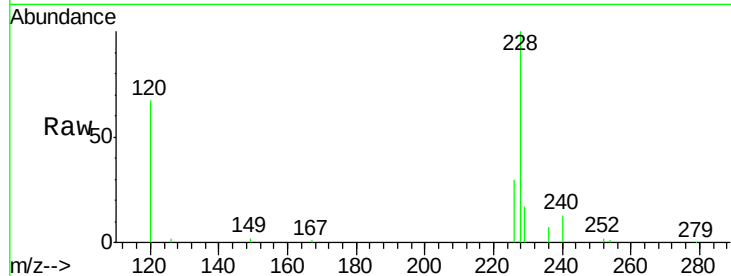




#25
Benzo(a)anthracene
Concen: 0.75 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

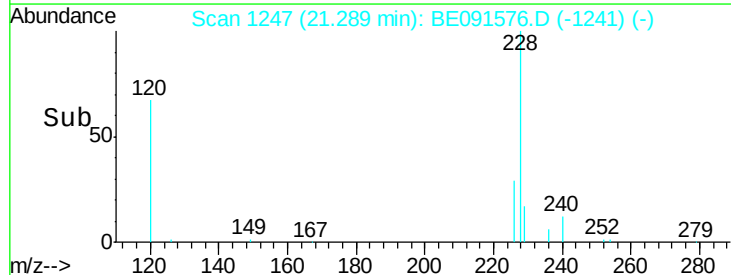
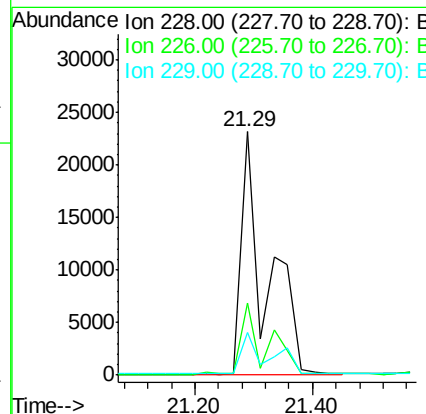
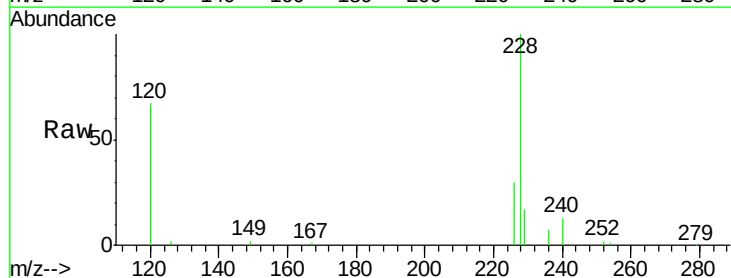
Instrument :
BNA_E
ClientSampleId :
DFTPP

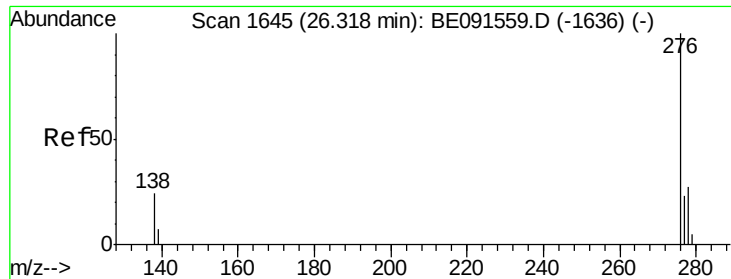
Tgt Ion:228 Resp: 67587
Ion Ratio Lower Upper
228 100
226 29.6 24.0 36.0
229 17.5 13.8 20.6



#26
Chrysene
Concen: 0.88 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.07 min
Lab File: BE091576.D
Acq: 31 Mar 2016 4:46

Tgt Ion:228 Resp: 67899
Ion Ratio Lower Upper
228 100
226 29.6 18.9 28.3#
229 17.5 19.1 28.7#

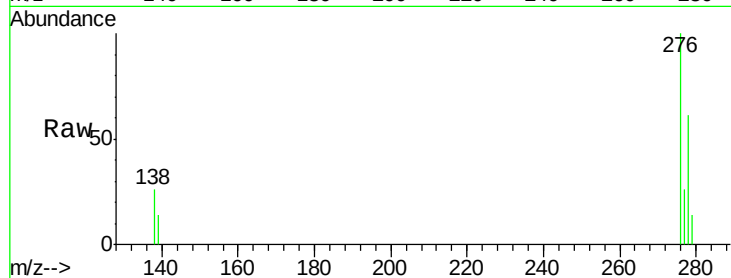




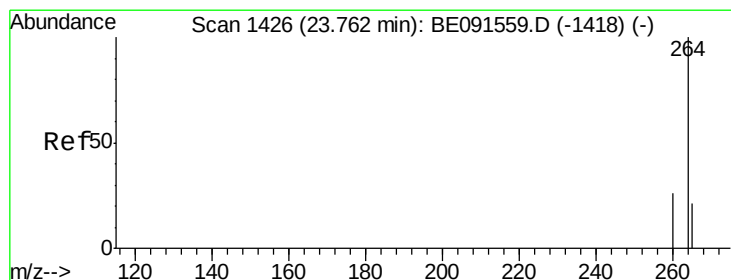
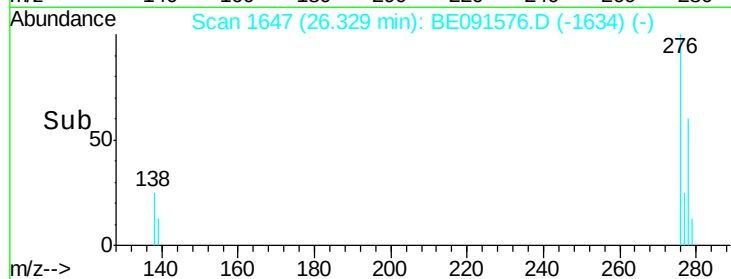
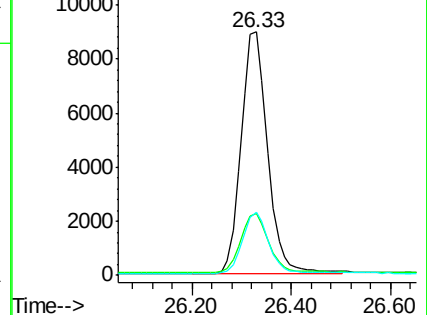
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.37 ng
 RT: 26.33 min Scan# 1647
 Delta R.T. -0.05 min
 Lab File: BE091576.D
 Acq: 31 Mar 2016 4:46

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Tgt Ion: 276 Resp: 33201
 Ion Ratio Lower Upper
 276 100
 138 25.5 20.2 30.4
 277 25.0 19.8 29.8

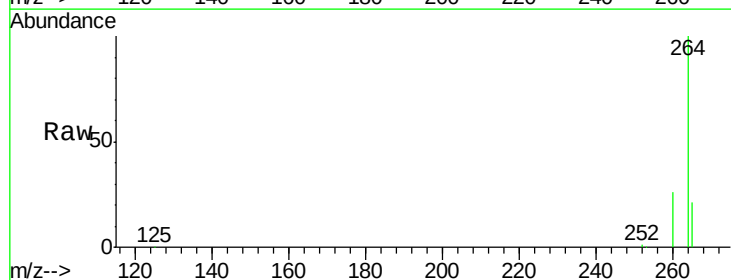


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

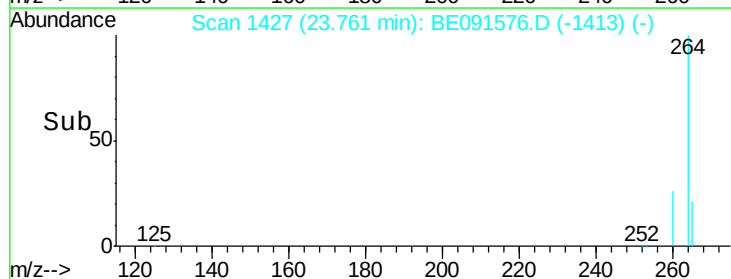
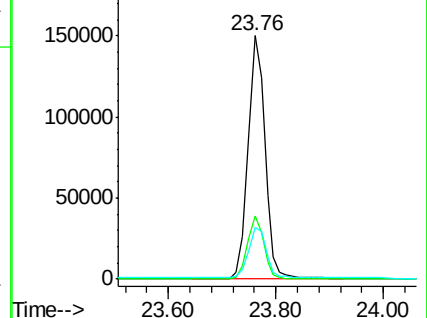


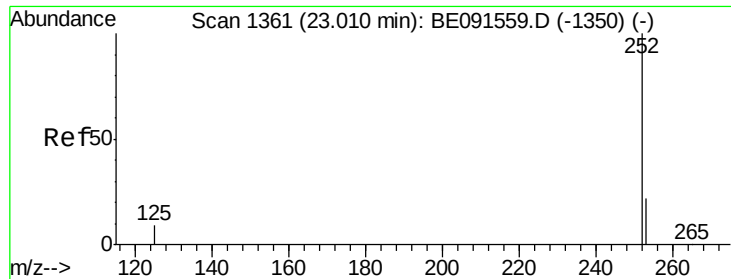
#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE091576.D
 Acq: 31 Mar 2016 4:46

Tgt Ion: 264 Resp: 328966
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.1 30.1
 265 21.5 18.3 27.5



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





#29

Benzo(b)fluoranthene

Concen: 0.40 ng

RT: 23.01 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

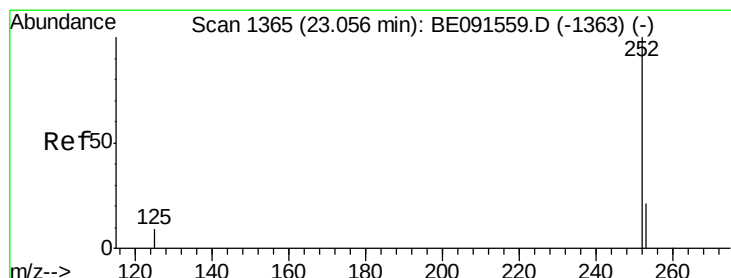
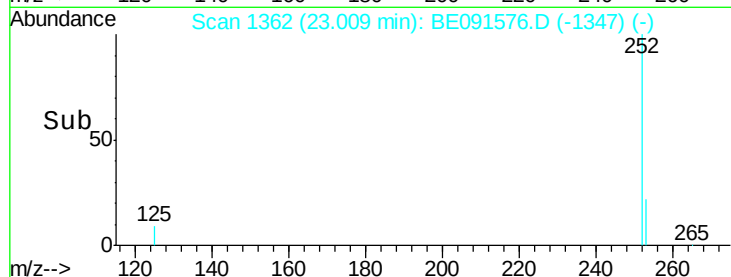
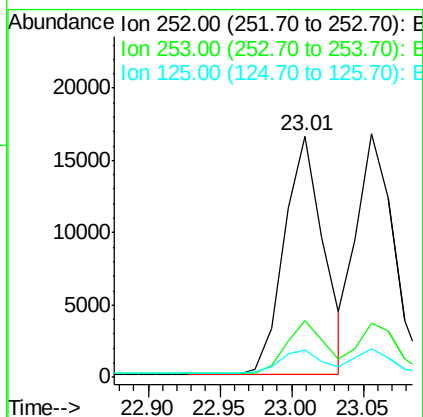
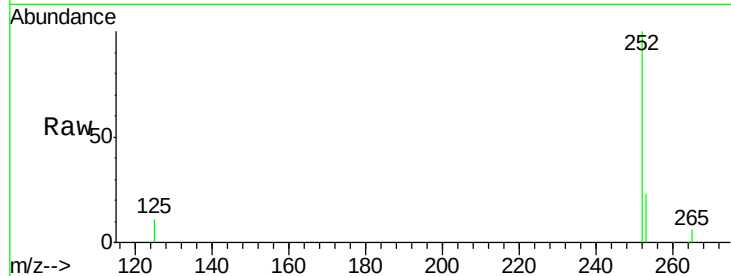
BNA_E

ClientSampleId :

DFTPP

Tgt Ion:252 Resp: 31537

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	11.3	9.8	14.6



#30

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.06 min Scan# 1366

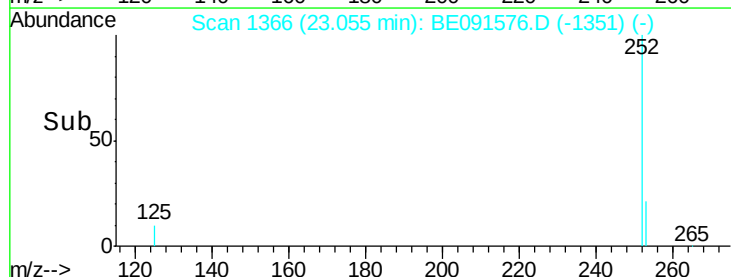
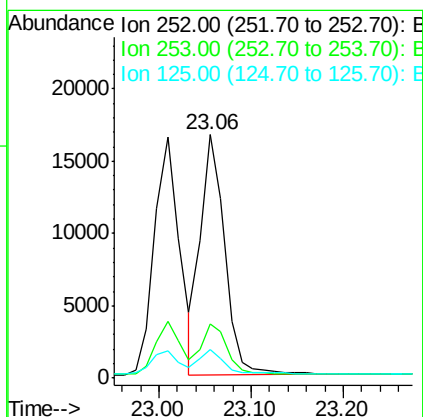
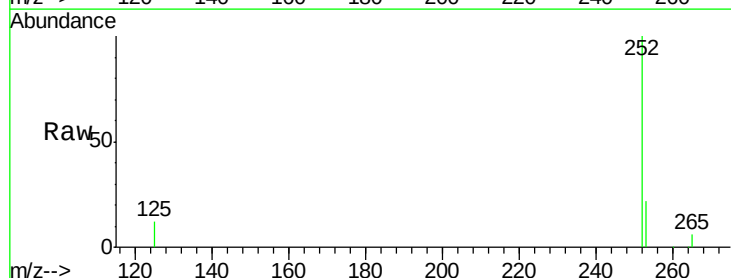
Delta R.T. -0.02 min

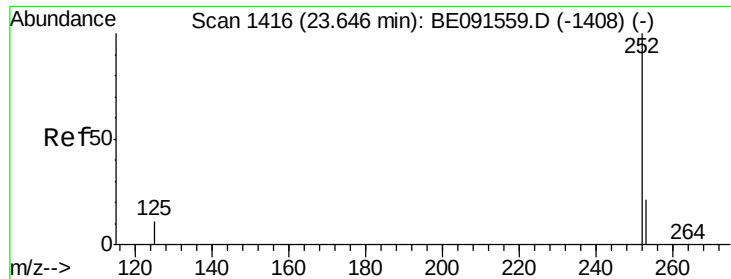
Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Tgt Ion:252 Resp: 30415

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.2	30.4
125	11.5	9.4	14.2





#31

Benzo(a)pyrene

Concen: 0.40 ng

RT: 23.65 min Scan# 1417

Delta R.T. -0.03 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP

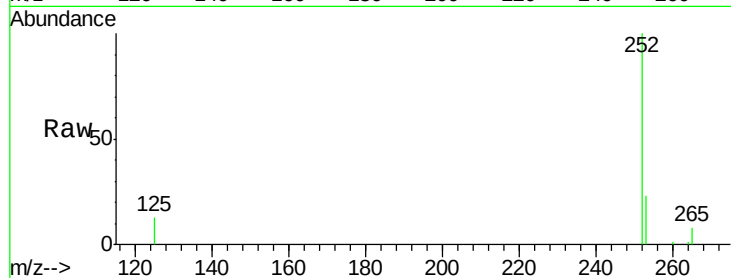
Tgt Ion: 252 Resp: 29030

Ion Ratio Lower Upper

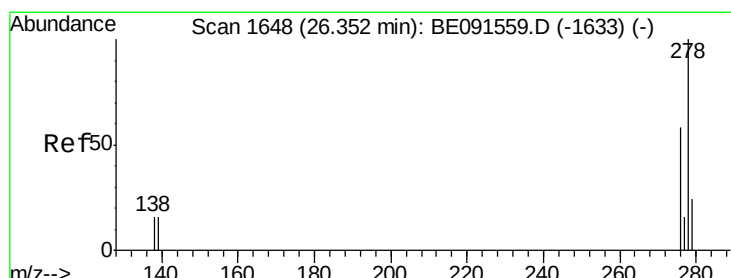
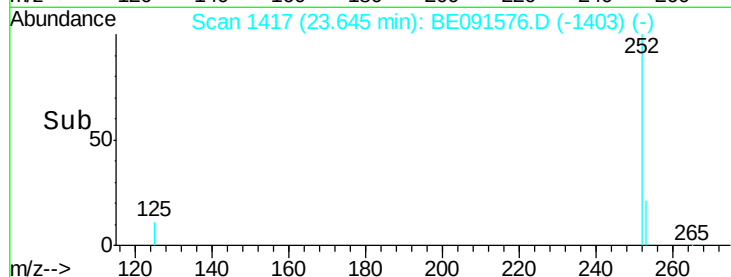
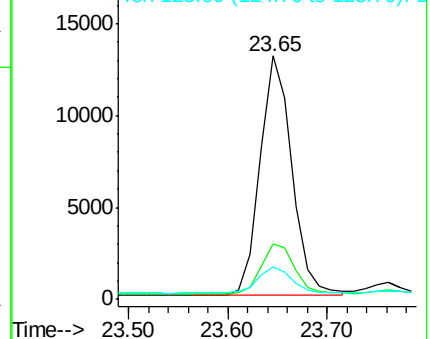
252 100

253 22.7 19.4 29.0

125 13.4 11.4 17.2



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



#32

Dibenzo(a,h)anthracene

Concen: 0.39 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.06 min

Lab File: BE091576.D

Acq: 31 Mar 2016 4:46

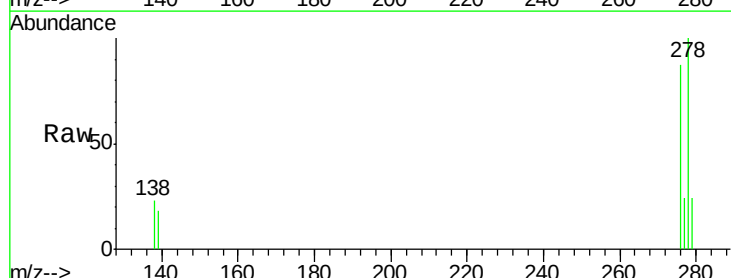
Tgt Ion: 278 Resp: 27725

Ion Ratio Lower Upper

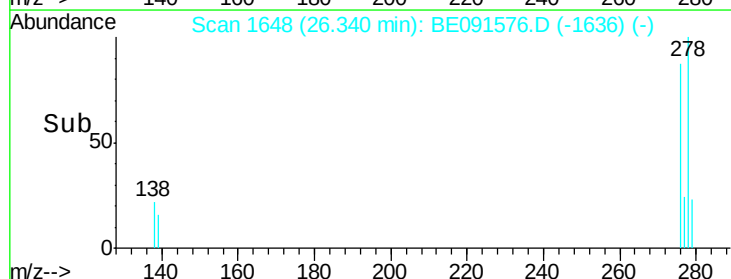
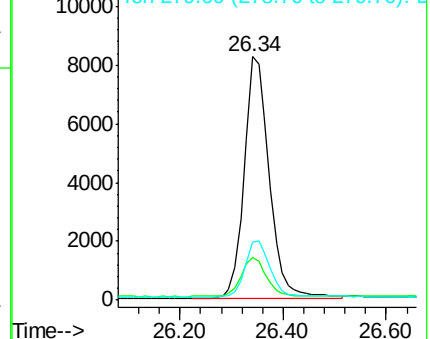
278 100

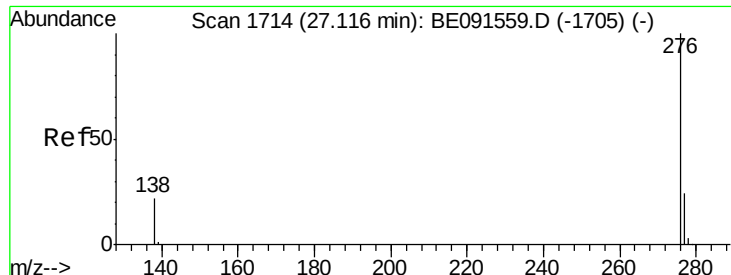
139 17.5 14.2 21.4

279 23.6 19.6 29.4



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





#33

Benzo(g,h,i)perylene

Concen: 0.39 ng

RT: 27.12 min Scan# 1715

Delta R.T. -0.05 min

Lab File: BE091576.D

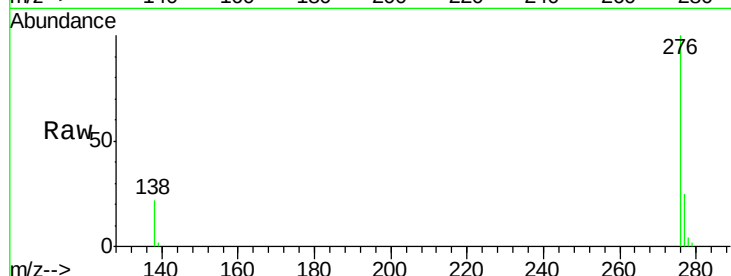
Acq: 31 Mar 2016 4:46

Instrument :

BNA_E

ClientSampleId :

DFTPP



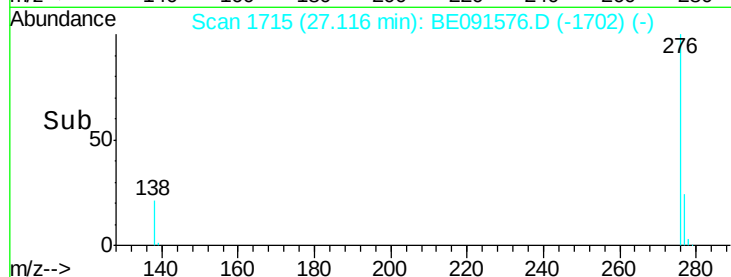
Tgt Ion: 276 Resp: 28337

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.2

138 21.8 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

