

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
 Data File : BE092114.D
 Acq On : 2 Aug 2016 16:58
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 02 17:31:45 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 16:59:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11552	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	52741	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	29492	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	66840	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	82641	5.00	ng	0.00
28) Perylene-d12	24.14	264	83417	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	1119	0.38	ng	0.00
5) Phenol-d6	7.34	99	1582	0.40	ng	-0.01
7) Nitrobenzene-d5	9.34	82	1766	0.42	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	403	0.42	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	4132	0.44	ng	0.00
24) Terphenyl-d14	20.19	244	5302	0.45	ng	-0.02

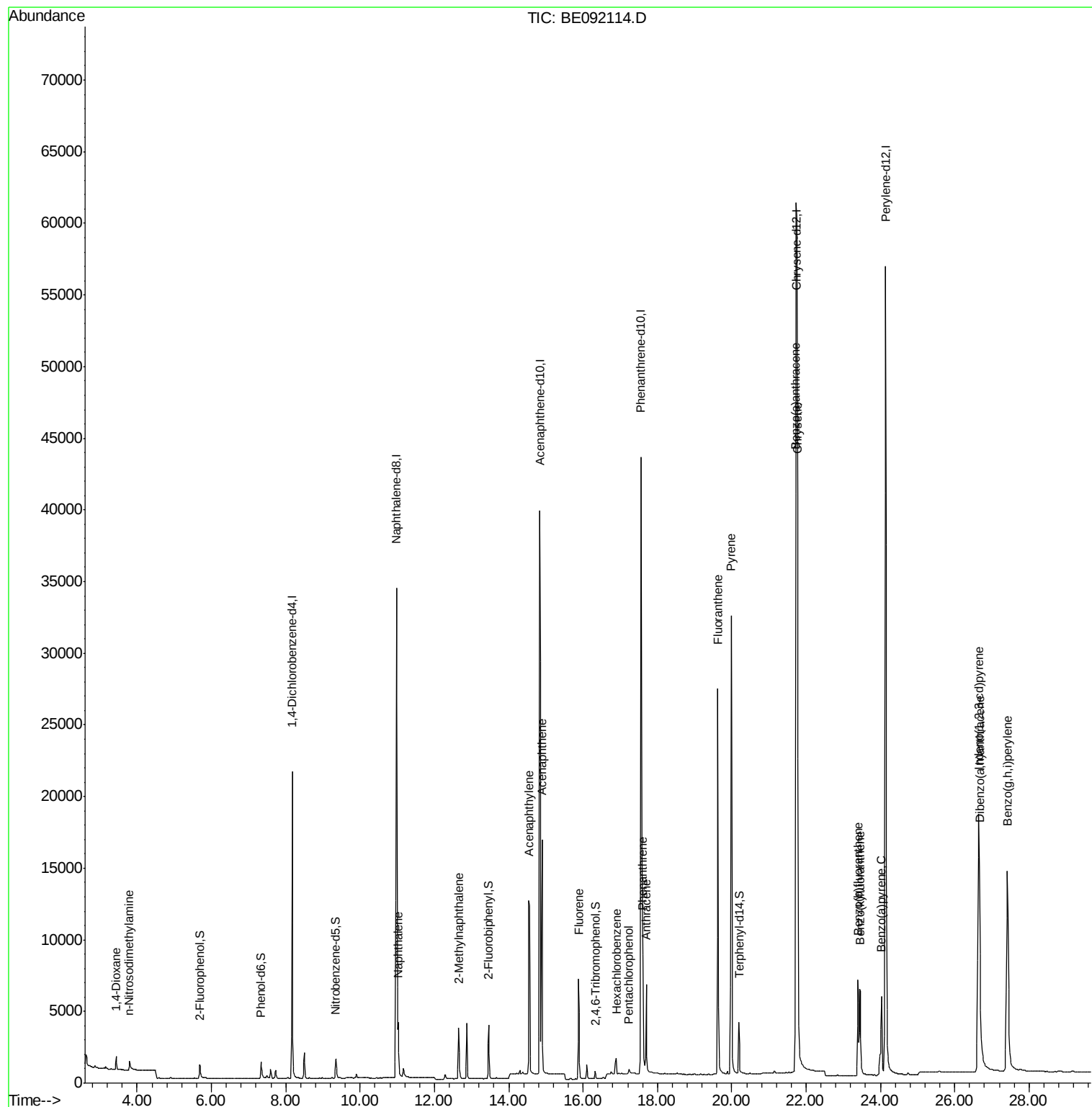
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	663	0.42	ng	97
3) n-Nitrosodimethylamine	3.79	42	815	0.46	ng	98
8) Naphthalene	11.03	128	5044	0.43	ng	98
9) 2-Methylnaphthalene	12.65	142	3258	0.45	ng	96
13) Acenaphthylene	14.54	152	22958	0.44	ng	98
14) Acenaphthene	14.90	154	3766	0.45	ng	# 95
15) Fluorene	15.88	166	4663	0.44	ng	99
17) Hexachlorobenzene	16.89	284	1444	0.44	ng	# 38
18) Pentachlorophenol	17.24	266	346	0.47	ng	91
19) Phenanthrene	17.61	178	8937	0.46	ng	100
20) Anthracene	17.70	178	7711	0.43	ng	100
21) Fluoranthene	19.63	202	35426	0.43	ng	97
23) Pvrene	19.99	202	39224	0.45	ng	98
25) Benzo(a)anthracene	21.72	228	40473	0.45	ng	95
26) Chrysene	21.77	228	40303	0.44	ng	# 85
27) Indeno(1,2,3-cd)pyrene	26.65	276	43765	0.44	ng	100
29) Benzo(b)fluoranthene	23.40	252	9588	0.42	ng	99
30) Benzo(k)fluoranthene	23.45	252	10379	0.46	ng	96
31) Benzo(a)pvrene	24.02	252	9306	0.44	ng	96
32) Dibenzo(a,h)anthracene	26.67	278	8718	0.44	ng	98
33) Benzo(g,h,i)perylene	27.42	276	38004	0.44	ng	97

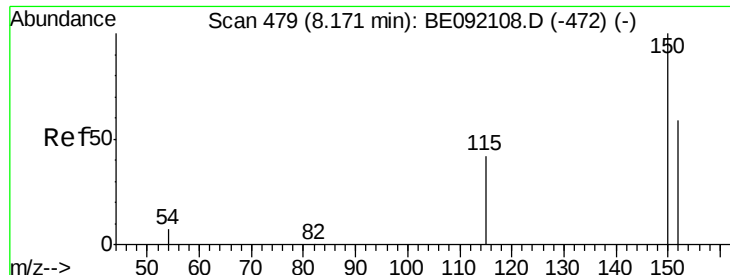
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
Data File : BE092114.D
Acq On : 2 Aug 2016 16:58
Operator : UM/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 02 17:31:45 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampled :

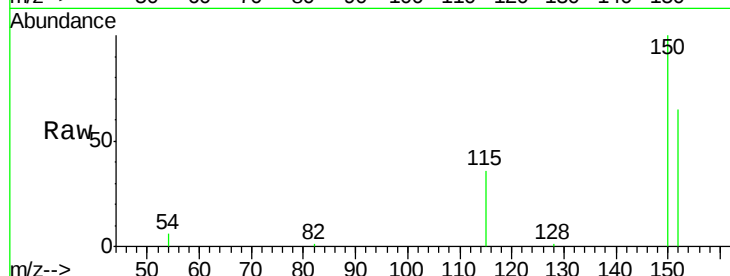
Tot Ion:152 Resp: 11552

Ion Ratio Lower Upper

152 100

150 153.3 106.0 159.0

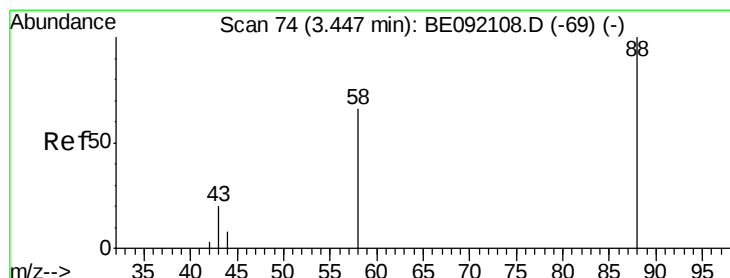
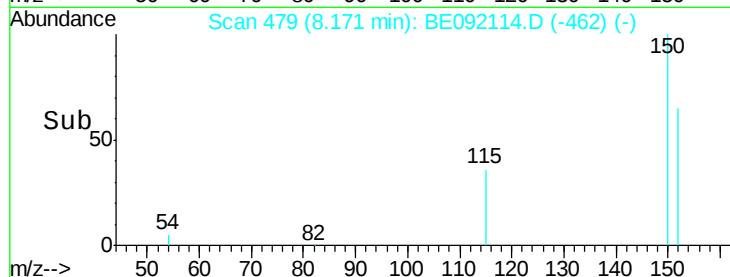
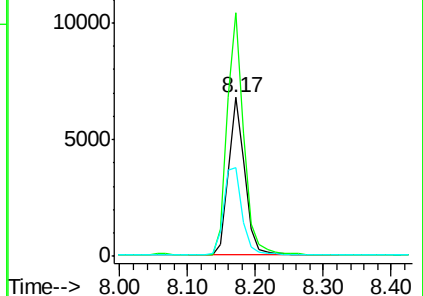
115 55.9 36.9 55.3#



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



#2

1,4-Dioxane

Concen: 0.42 ng

RT: 3.43 min Scan# 73

Delta R.T. -0.01 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

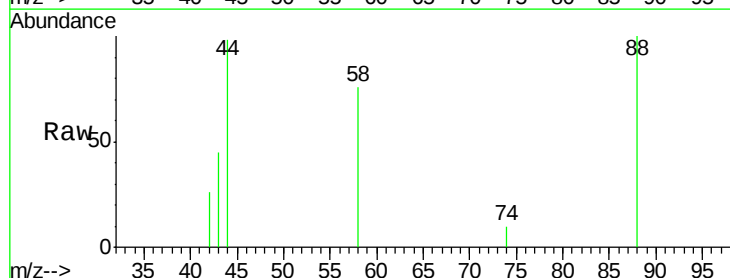
Tgt Ion: 88 Resp: 663

Ion Ratio Lower Upper

88 100

58 80.4 62.1 93.1

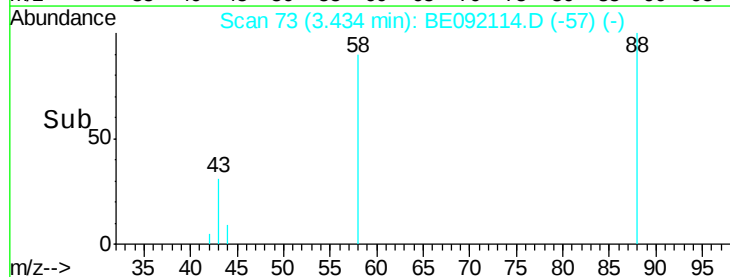
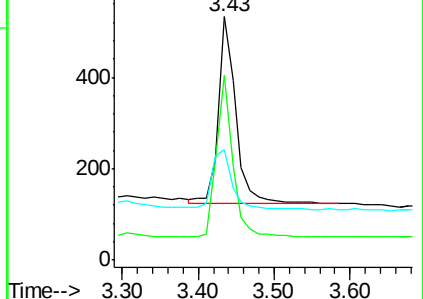
43 36.2 27.2 40.8

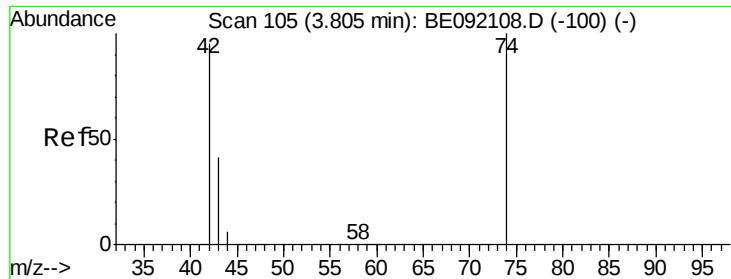


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



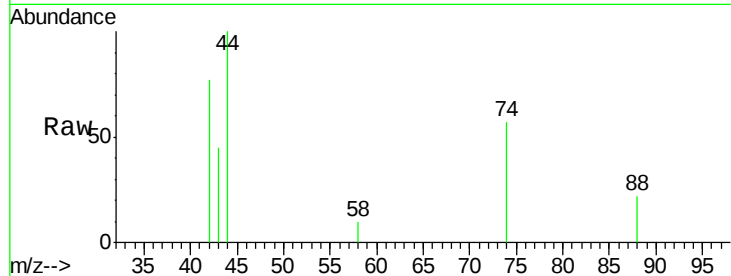


#3

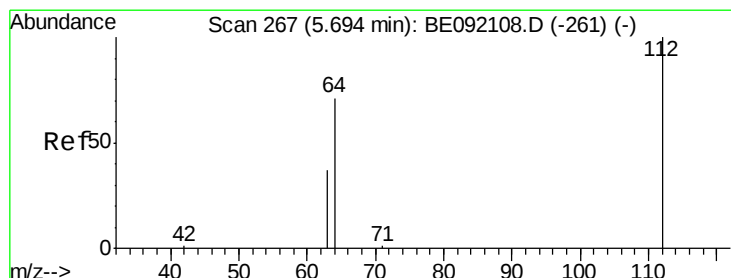
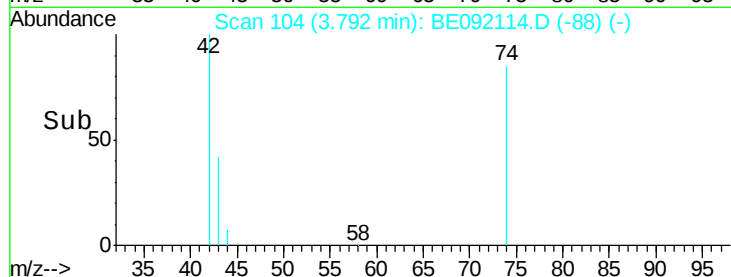
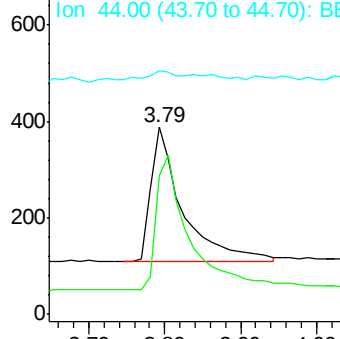
n-Nitrosodimethylamine
Concen: 0.46 ng
RT: 3.79 min Scan# 104
Delta R.T. -0.01 min
Lab File: BE092114.D
Acq: 2 Aug 2016 16:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 815
Ion Ratio Lower Upper
42 100
74 106.0 82.8 124.2
44 10.2 9.0 13.4



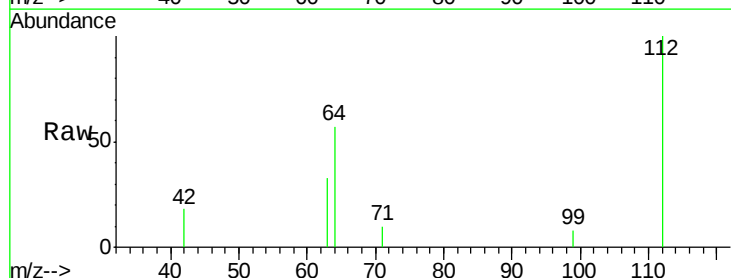
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



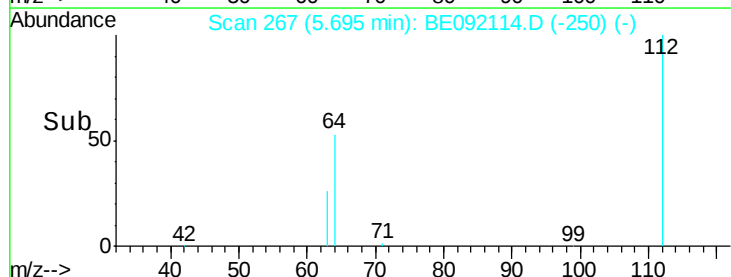
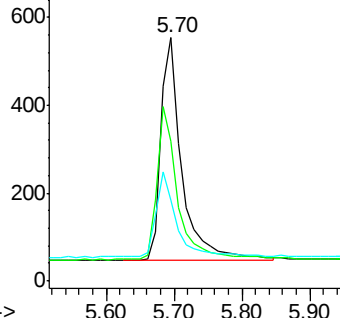
#4

2-Fluorophenol
Concen: 0.38 ng
RT: 5.70 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092114.D
Acq: 2 Aug 2016 16:58

Tgt Ion: 112 Resp: 1119
Ion Ratio Lower Upper
112 100
64 67.5 55.9 83.9
63 38.0 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): BE0
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.40 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampled :

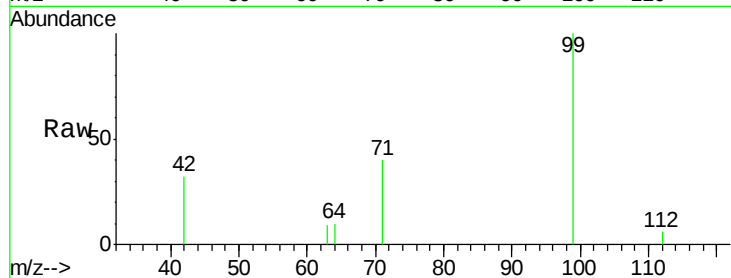
Tot Ion: 99 Resp: 1582

Ion Ratio Lower Upper

99 100

42 26.8 22.4 33.6

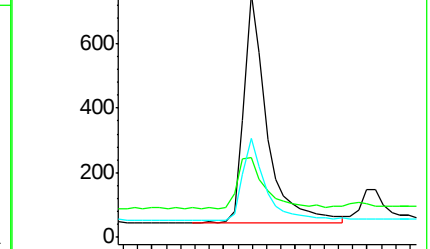
71 37.3 28.9 43.3



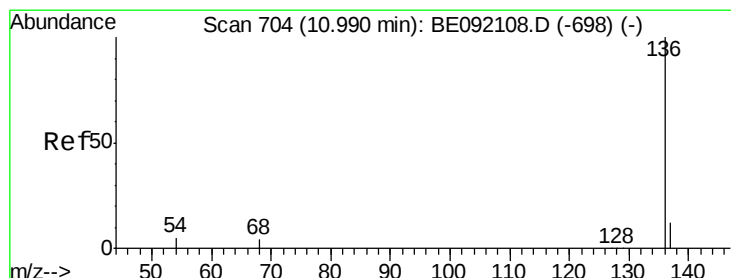
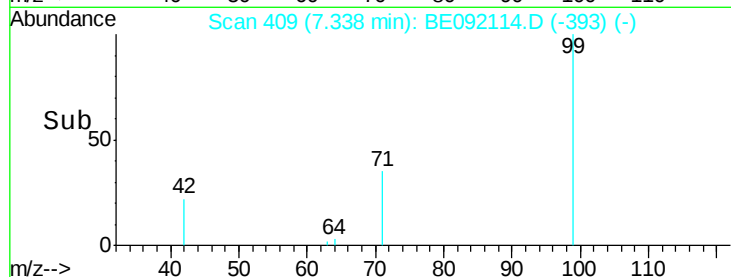
Abundance Ion 99.00 (98.70 to 99.70): BE092108.D (-403) (-)

Ion 42.00 (41.70 to 42.70): BE092108.D (-403) (-)

Ion 71.00 (70.70 to 71.70): BE092108.D (-403) (-)



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Tgt Ion: 136 Resp: 52741

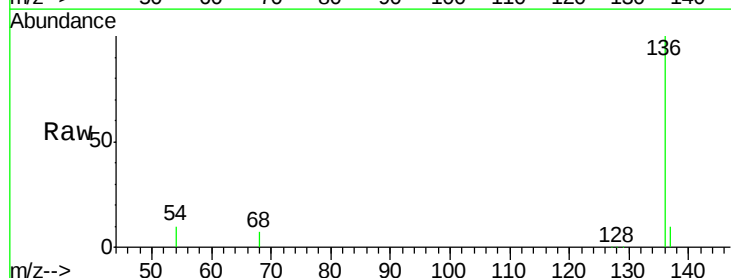
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 10.3 2.7 4.1#

68 7.2 2.2 3.4#

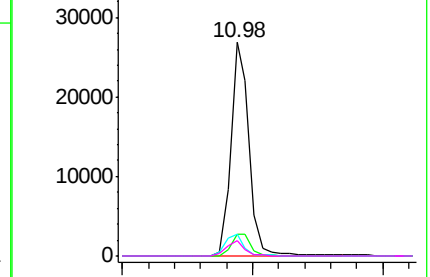


Abundance Ion 136.00 (135.70 to 136.70): BE092108.D (-698) (-)

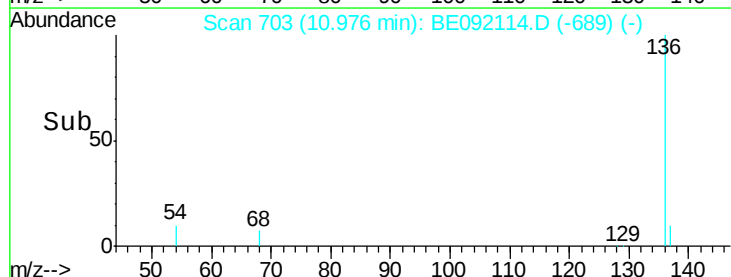
Ion 137.00 (136.70 to 137.70): BE092108.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BE092108.D (-698) (-)

Ion 68.00 (67.70 to 68.70): BE092108.D (-698) (-)



Time-->





#7

Nitrobenzene-d5

Concen: 0.42 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :

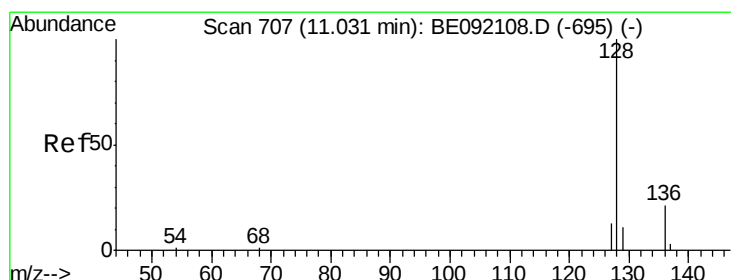
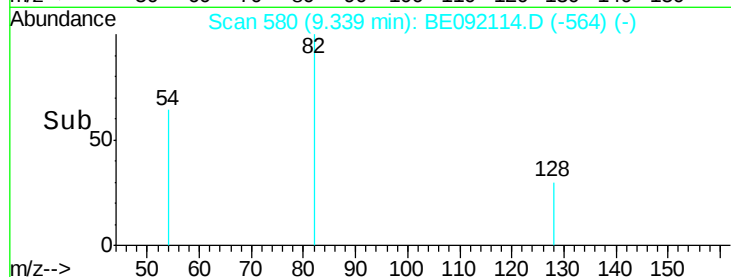
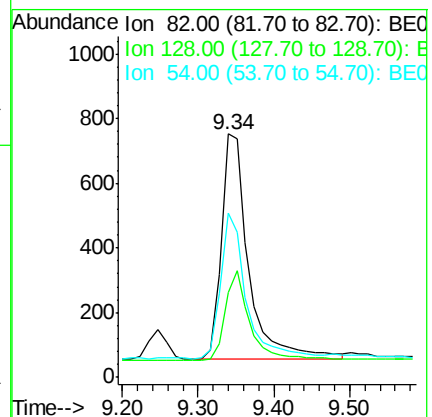
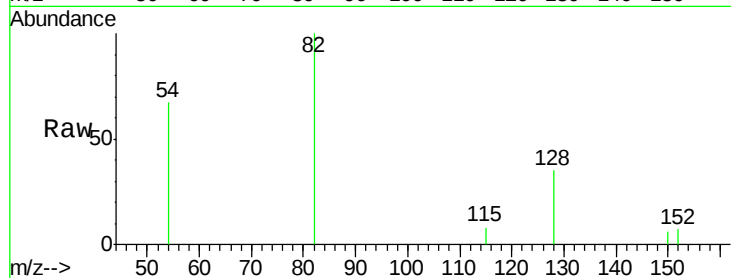
Tot Ion: 82 Resp: 1766

Ion Ratio Lower Upper

82 100

128 35.1 33.0 49.4

54 67.5 42.6 63.8#



#8

Naphthalene

Concen: 0.43 ng

RT: 11.03 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

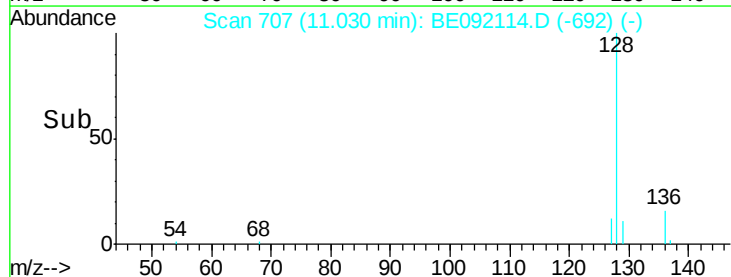
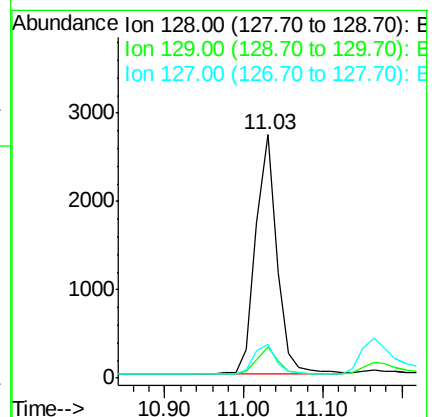
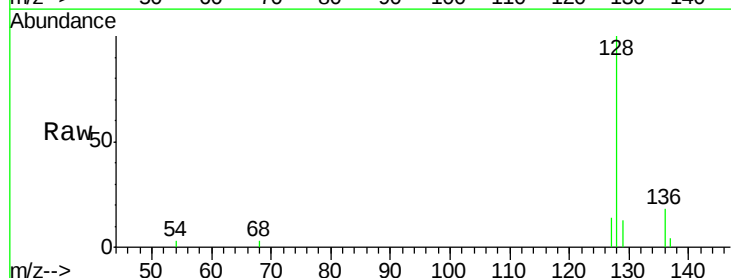
Tgt Ion: 128 Resp: 5044

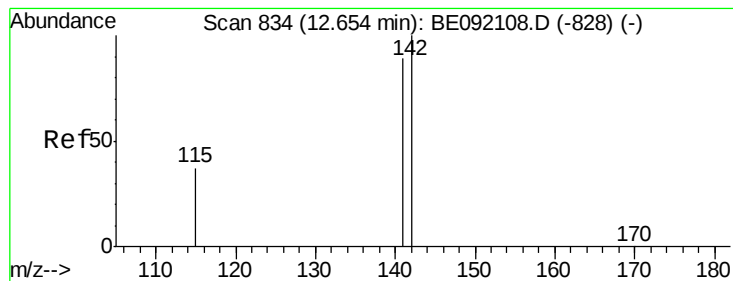
Ion Ratio Lower Upper

128 100

129 12.9 11.1 16.7

127 13.7 11.3 16.9





#9

2-Methylnaphthalene

Concen: 0.45 ng

RT: 12.65 min Scan# 834

Delta R.T. -0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :

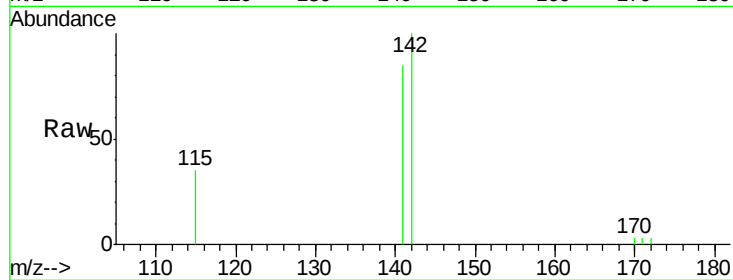
Tot Ion:142 Resp: 3258

Ion Ratio Lower Upper

142 100

141 85.1 65.1 97.7

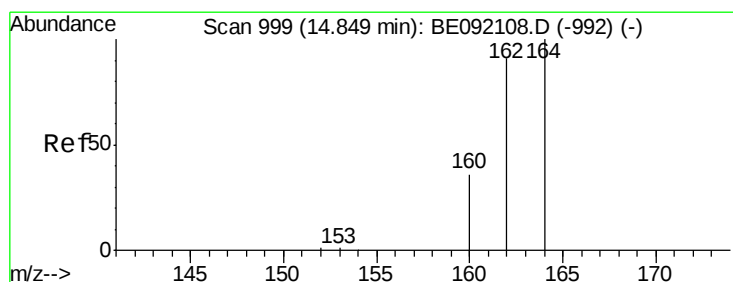
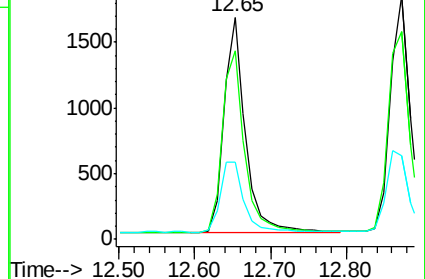
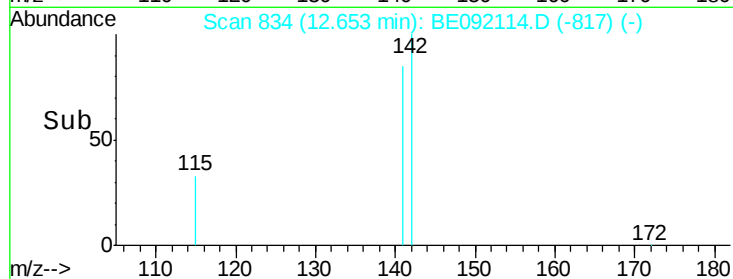
115 35.0 27.0 40.4



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: 14.83 min Scan# 998

Delta R.T. -0.02 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

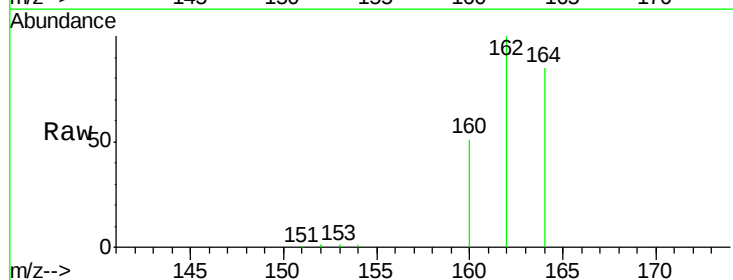
Tgt Ion:164 Resp: 29492

Ion Ratio Lower Upper

164 100

162 117.6 69.5 104.3#

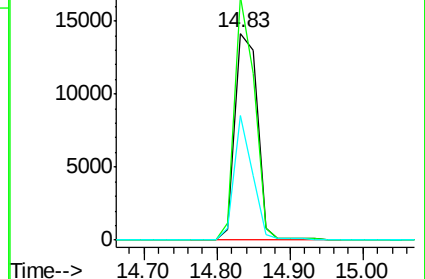
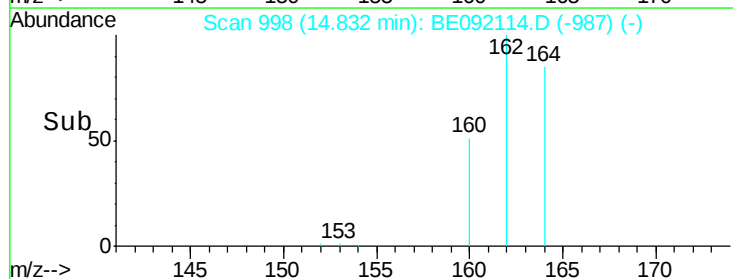
160 60.2 27.6 41.4#

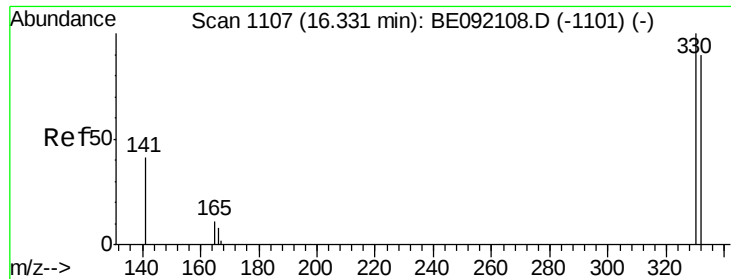


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

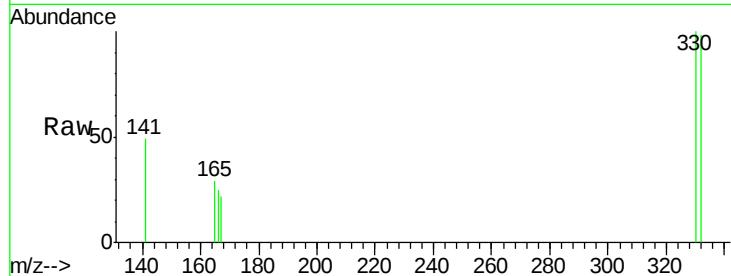




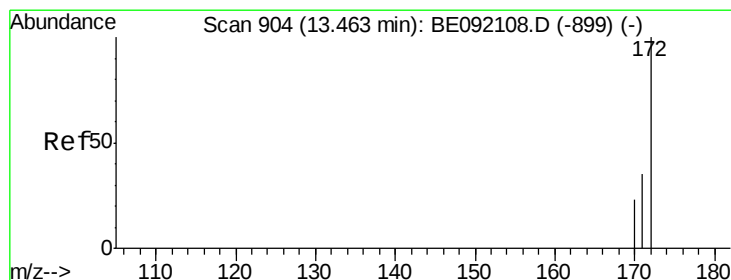
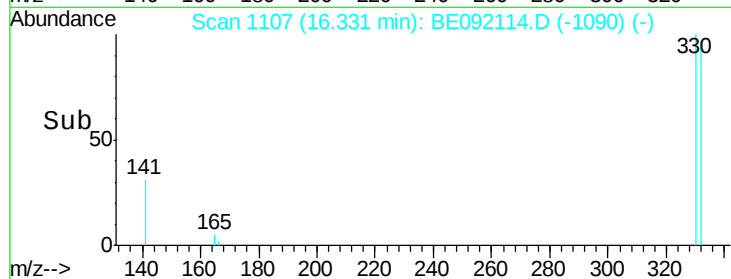
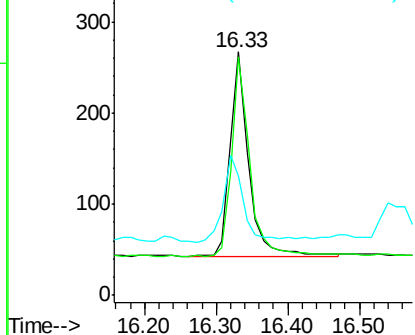
#11
 2,4,6-Tribromophenol
 Concen: 0.42 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE092114.D
 Acq: 2 Aug 2016 16:58

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 403
 Ion Ratio Lower Upper
 330 100
 332 95.3 74.2 111.4
 141 45.7 139.8 209.8#

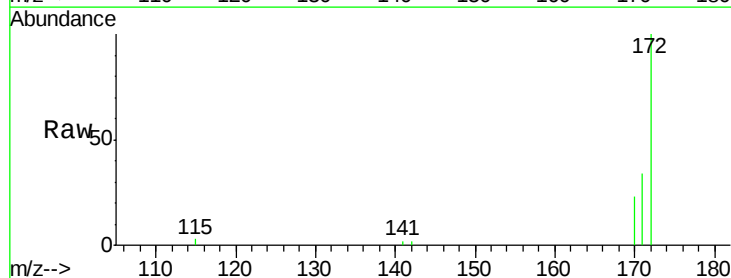


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

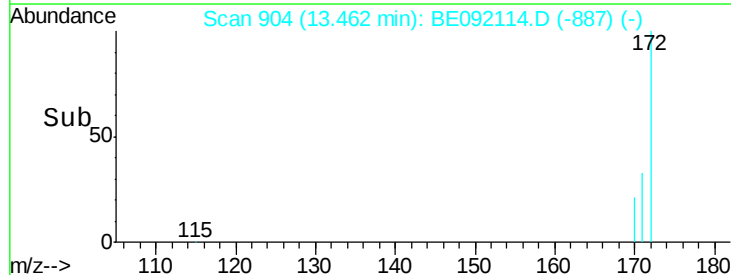
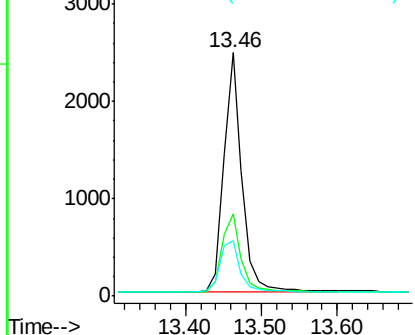


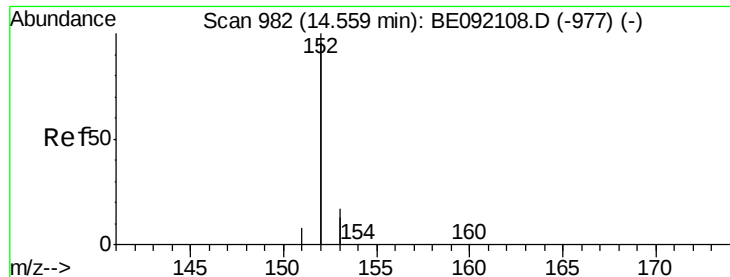
#12
 2-Fluorobiphenyl
 Concen: 0.44 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092114.D
 Acq: 2 Aug 2016 16:58

Tgt Ion:172 Resp: 4132
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.3 45.5
 170 22.7 21.6 32.4



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: 0.44 ng

RT: 14.54 min Scan# 981

Delta R.T. -0.02 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :

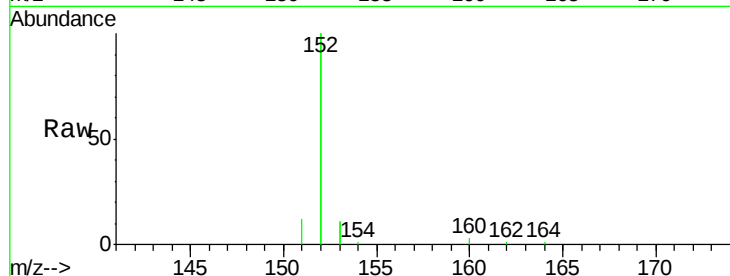
Tot Ion:152 Resp: 22958

Ion Ratio Lower Upper

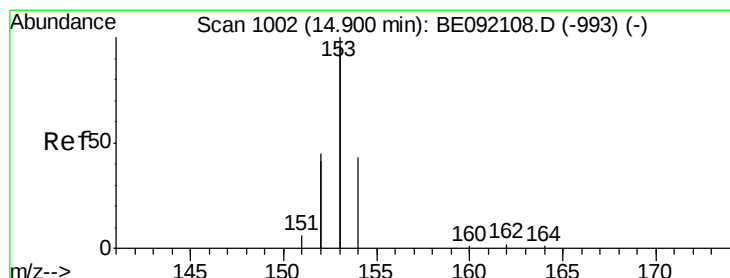
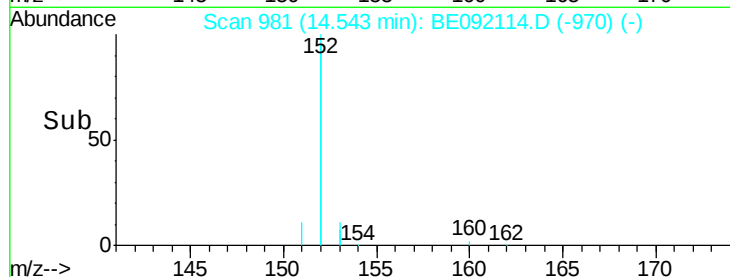
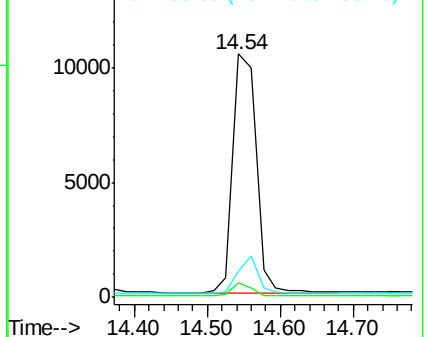
152 100

151 4.9 4.0 6.0

153 13.1 9.6 14.4



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



#14

Acenaphthene

Concen: 0.45 ng

RT: 14.90 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

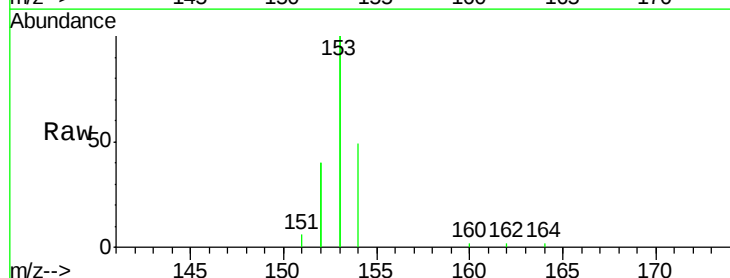
Tgt Ion:154 Resp: 3766

Ion Ratio Lower Upper

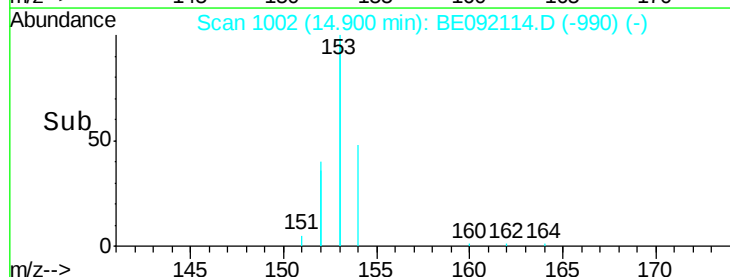
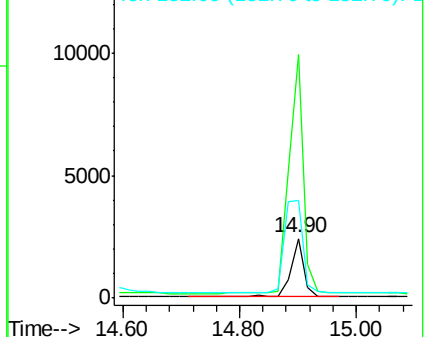
154 100

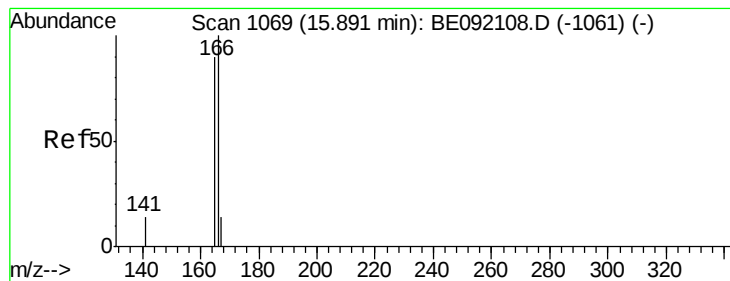
153 443.1 345.1 517.7

152 219.2 0.0 0.0#



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: 0.44 ng

RT: 15.88 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :

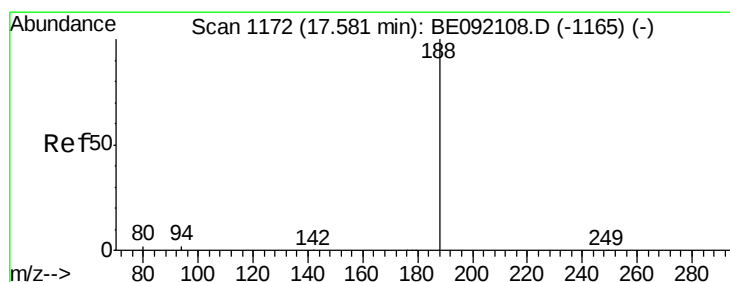
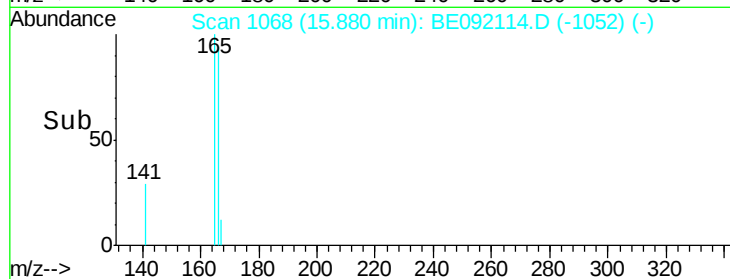
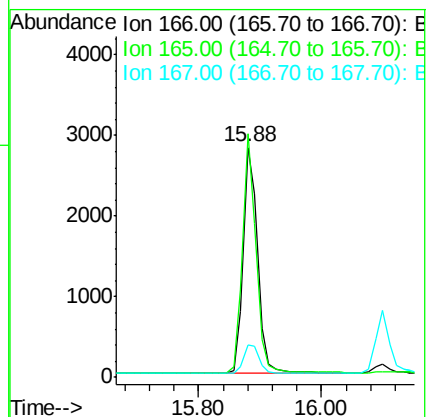
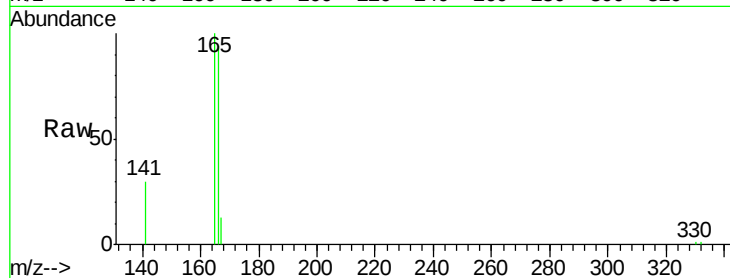
Tot Ion:166 Resp: 4663

Ion Ratio Lower Upper

166 100

165 98.8 78.6 118.0

167 13.4 11.1 16.7



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

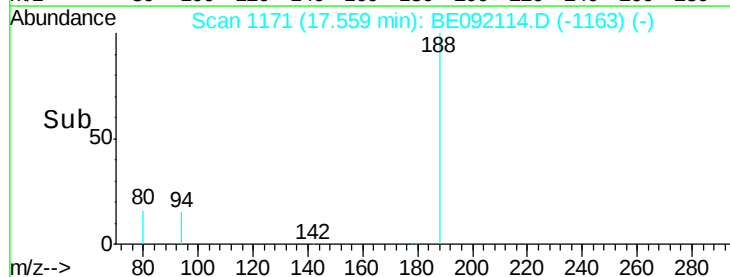
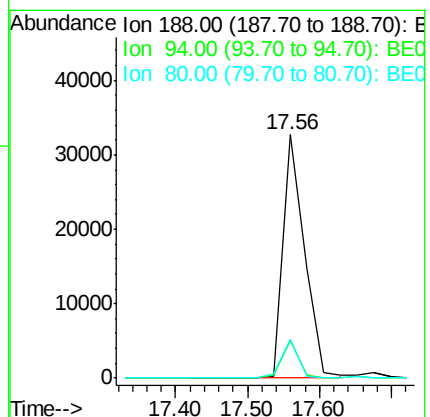
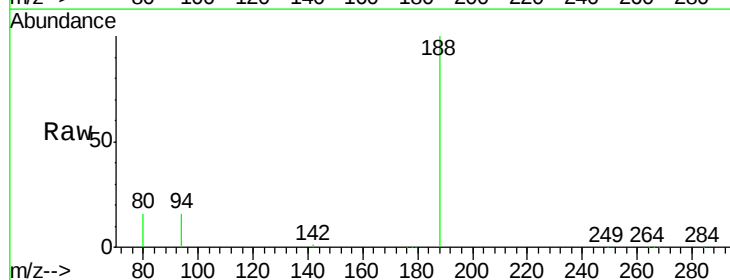
Tgt Ion:188 Resp: 66840

Ion Ratio Lower Upper

188 100

94 15.5 3.9 5.9#

80 16.0 3.4 5.0#

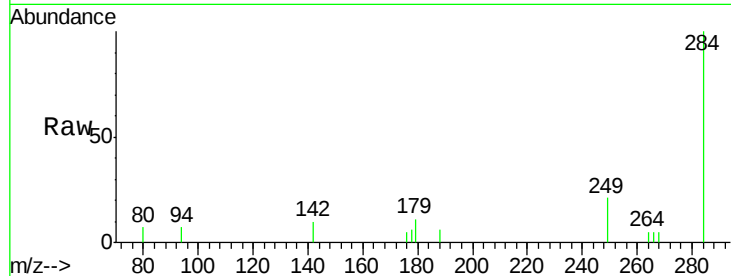




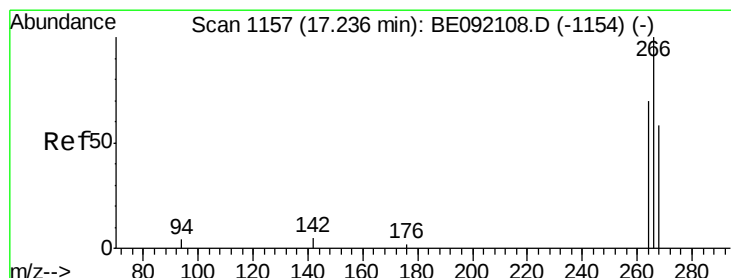
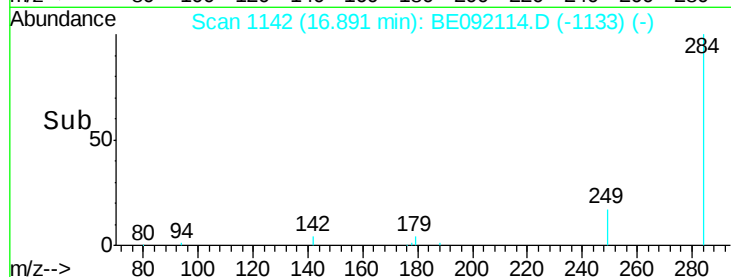
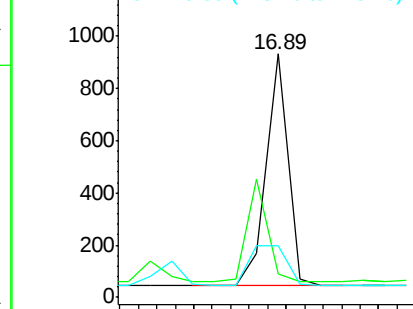
#17
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.89 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BE092114.D
Acq: 2 Aug 2016 16:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1444
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 0.0 25.4 38.0#

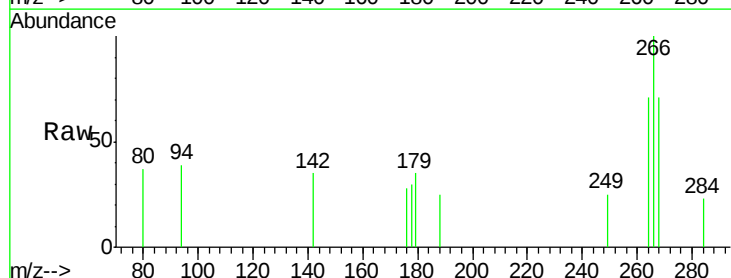


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

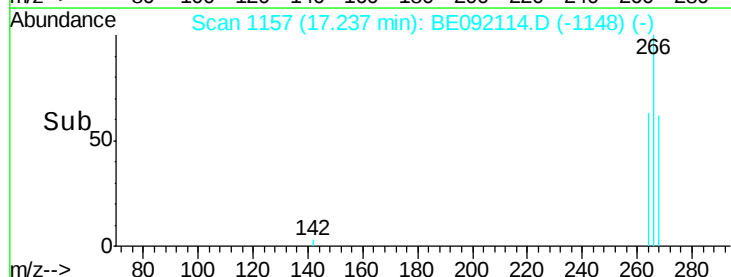
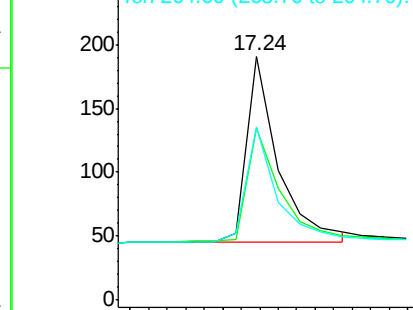


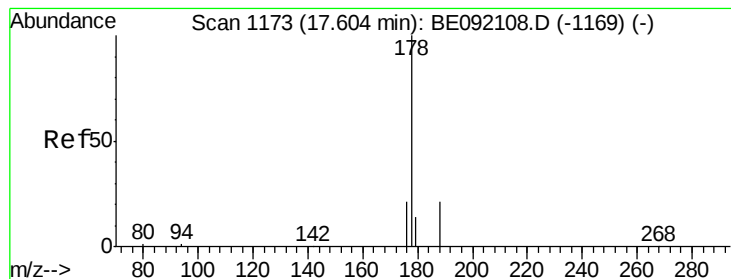
#18
Pentachlorophenol
Concen: 0.47 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092114.D
Acq: 2 Aug 2016 16:58

Tgt Ion:266 Resp: 346
Ion Ratio Lower Upper
266 100
268 70.7 62.7 94.1
264 71.2 63.5 95.3



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: 0.46 ng

RT: 17.61 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :

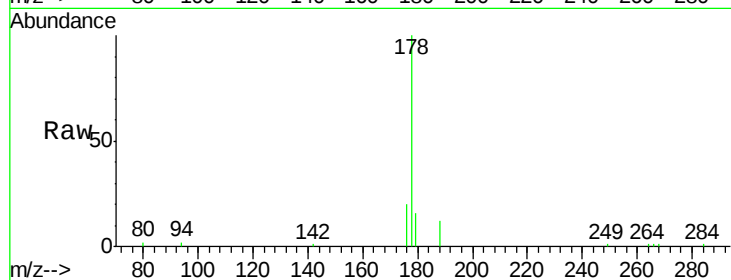
Tot Ion:178 Resp: 8937

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

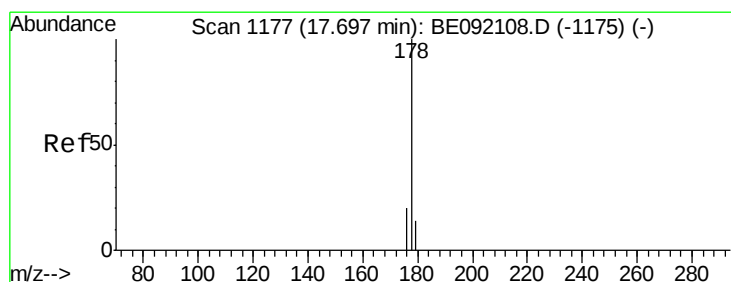
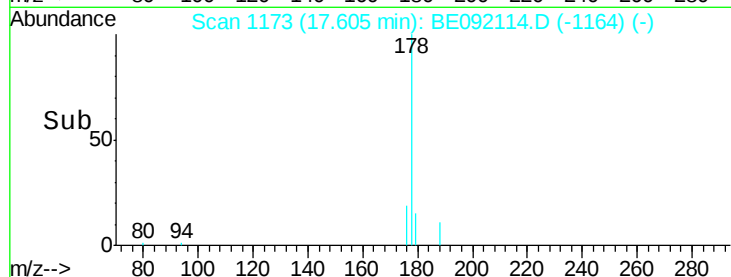
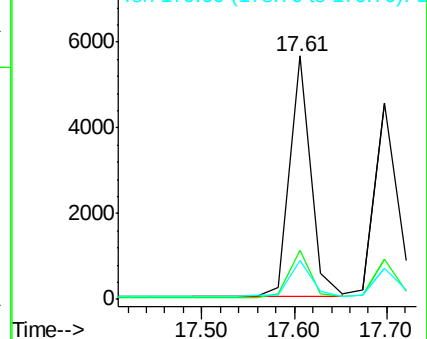
179 15.9 12.7 19.1



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: 0.43 ng

RT: 17.70 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

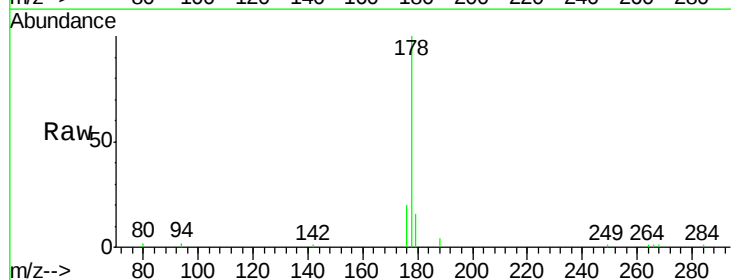
Tgt Ion:178 Resp: 7711

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

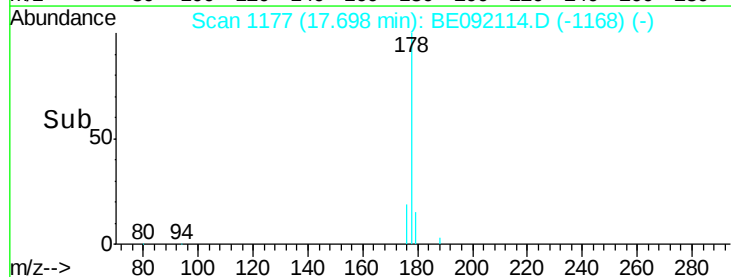
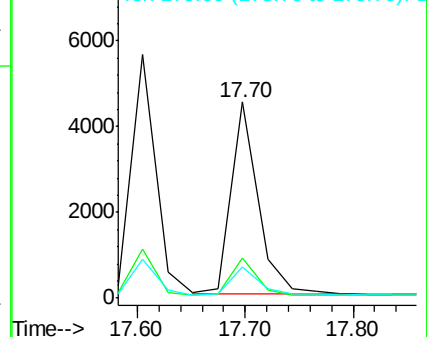
179 15.5 12.2 18.4

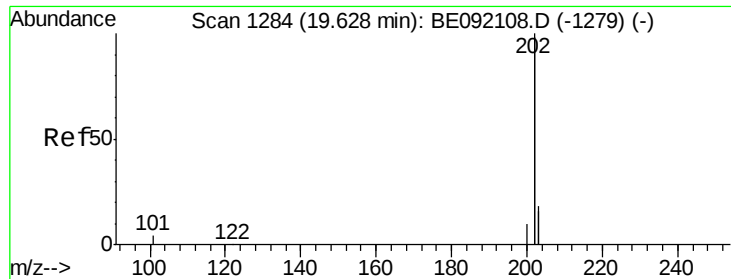


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 0.43 ng

RT: 19.63 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :

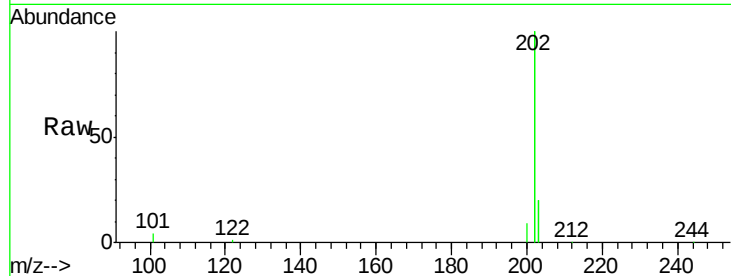
Tot Ion:202 Resp: 35426

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.2

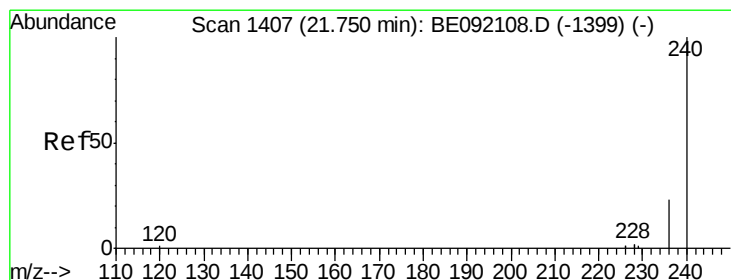
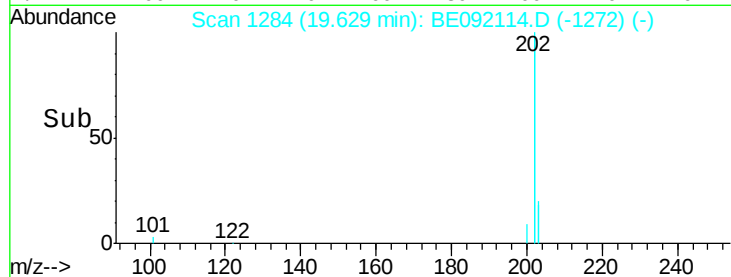
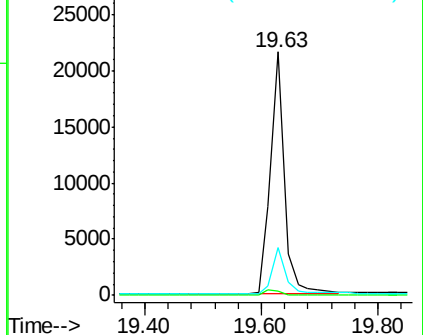
203 17.7 13.0 19.4



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: 21.75 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

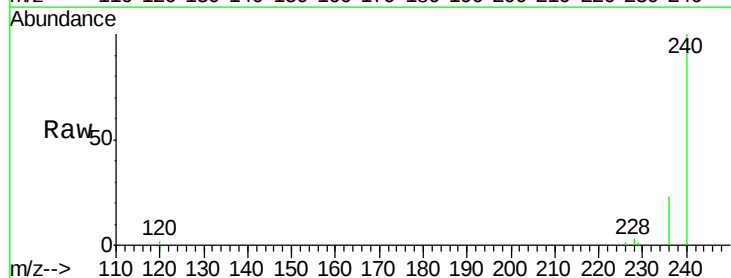
Tgt Ion:240 Resp: 82641

Ion Ratio Lower Upper

240 100

120 1.5 0.6 1.0#

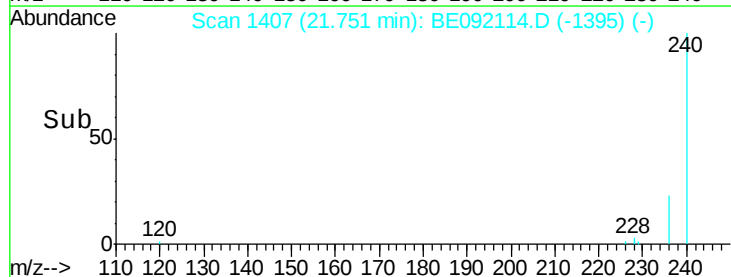
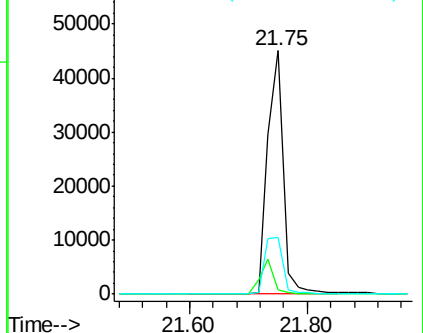
236 23.0 18.2 27.4

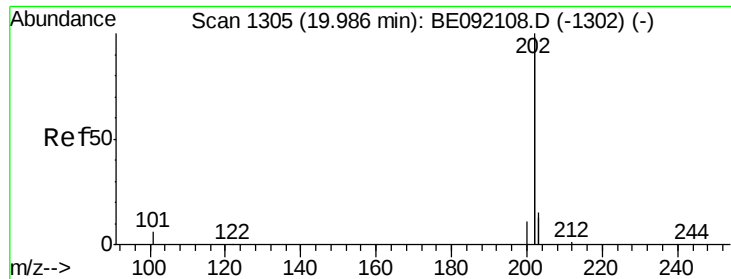


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

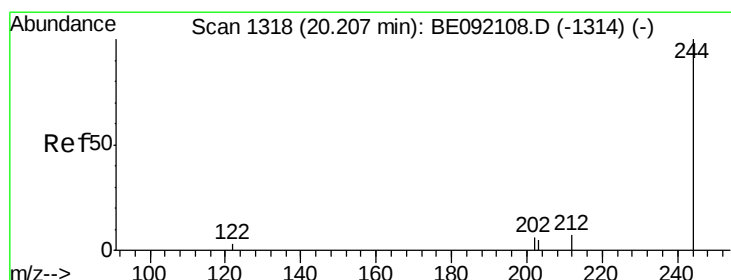
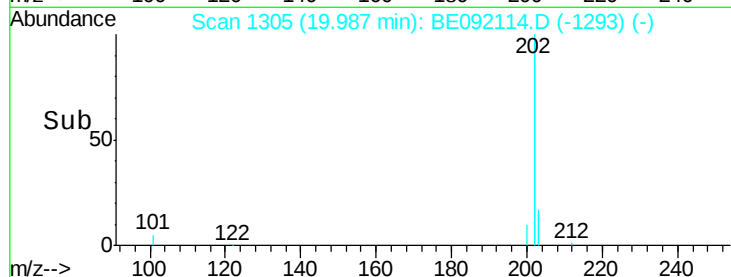
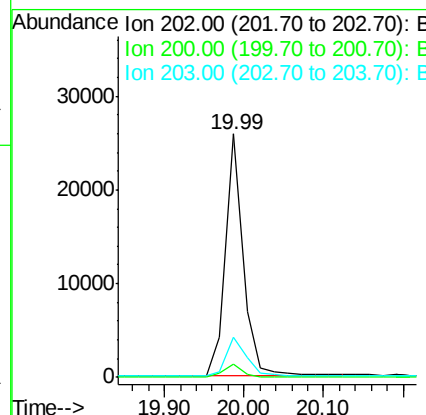
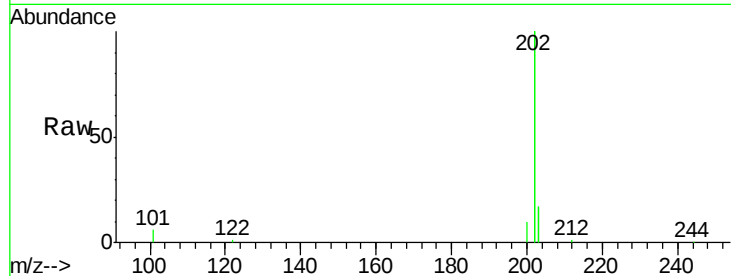




#23
Pvrene
Concen: 0.45 ng
RT: 19.99 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BE092114.D
Acq: 2 Aug 2016 16:58

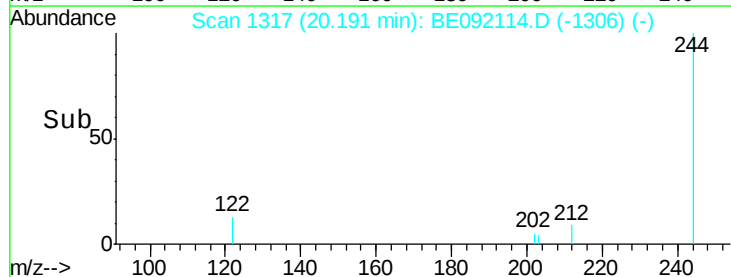
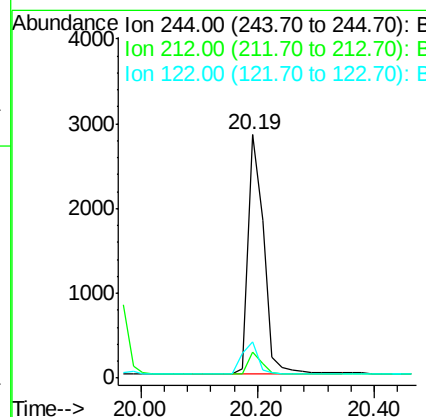
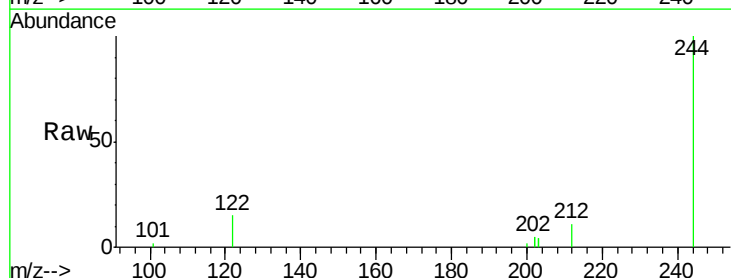
Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 39224
Ion Ratio Lower Upper
202 100
200 5.2 4.4 6.6
203 17.5 13.4 20.0



#24
Terphenyl-d14
Concen: 0.45 ng
RT: 20.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BE092114.D
Acq: 2 Aug 2016 16:58

Tgt Ion:244 Resp: 5302
Ion Ratio Lower Upper
244 100
212 10.9 9.1 13.7
122 15.2 11.0 16.4





#25

Benzo(a)anthracene

Concen: 0.45 ng

RT: 21.72 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :

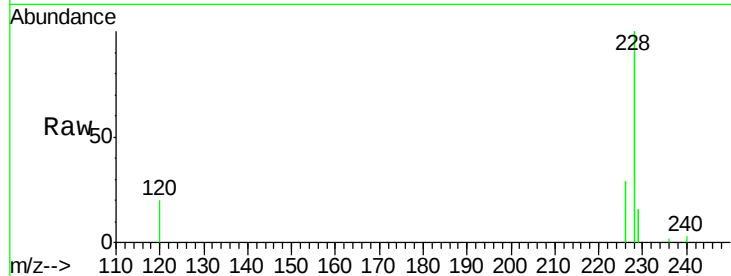
Tot Ion:228 Resp: 40473

Ion Ratio Lower Upper

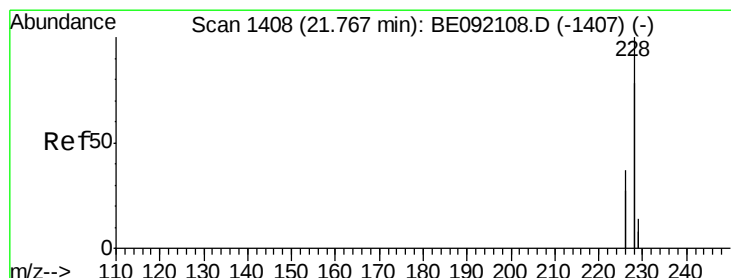
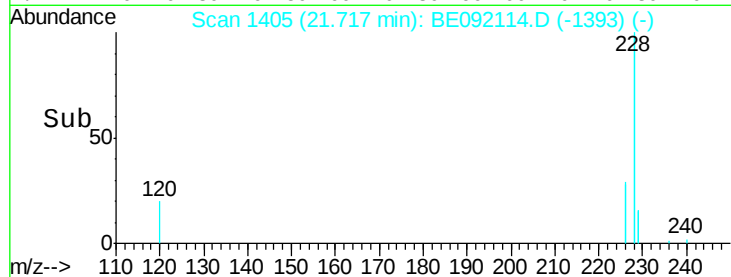
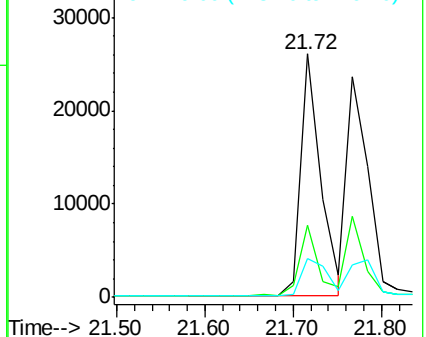
228 100

226 29.4 22.1 33.1

229 16.0 15.1 22.7



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



#26

Chrysene

Concen: 0.44 ng

RT: 21.77 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

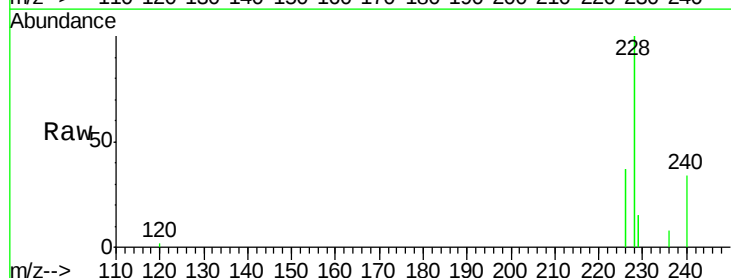
Tgt Ion:228 Resp: 40303

Ion Ratio Lower Upper

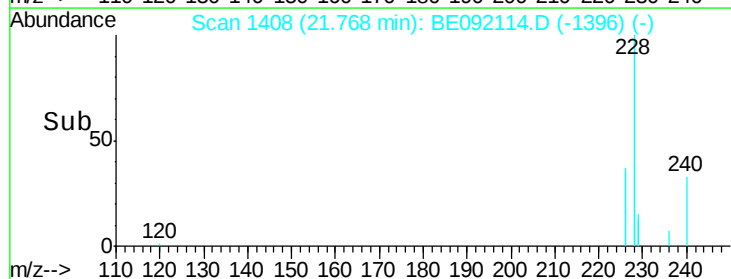
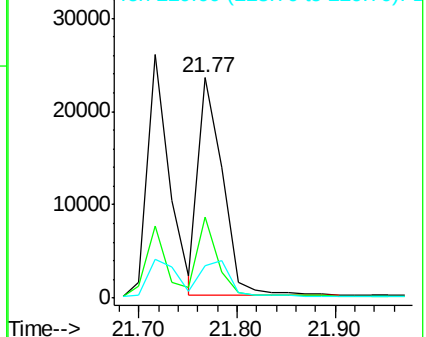
228 100

226 36.8 22.3 33.5#

229 14.8 16.9 25.3#



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

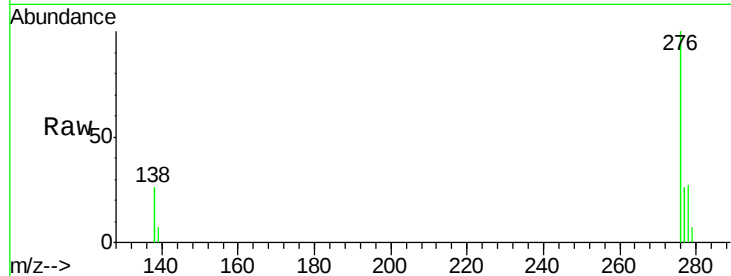




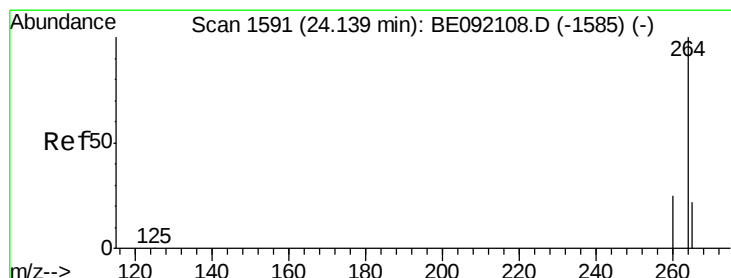
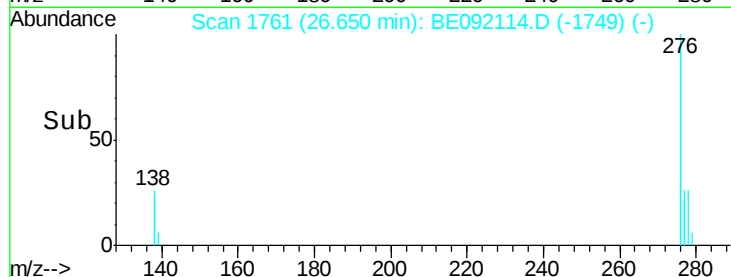
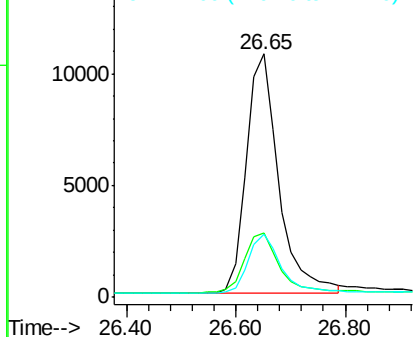
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.44 ng
 RT: 26.65 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BE092114.D
 Acq: 2 Aug 2016 16:58

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 43765
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.2 31.8
 277 24.6 19.8 29.8

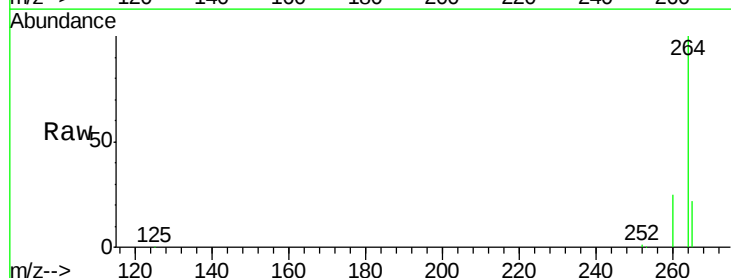


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

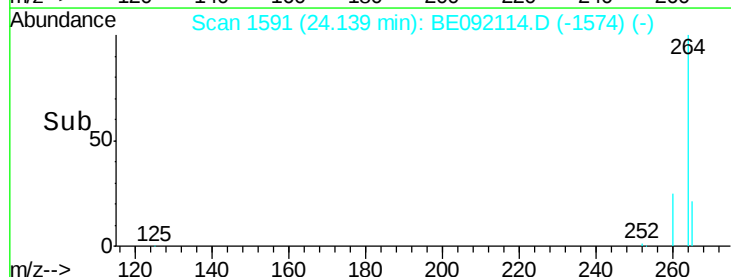
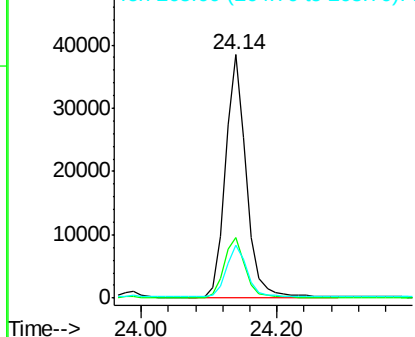


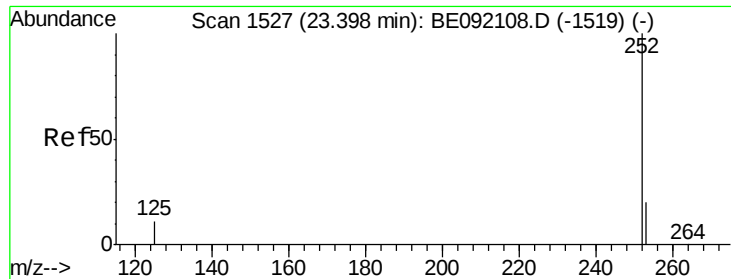
#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092114.D
 Acq: 2 Aug 2016 16:58

Tgt Ion:264 Resp: 83417
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.8 31.2
 265 21.8 16.6 25.0



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: 0.42 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :

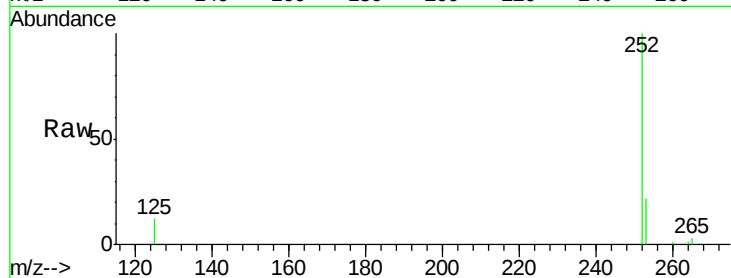
Tot Ion:252 Resp: 9588

Ion Ratio Lower Upper

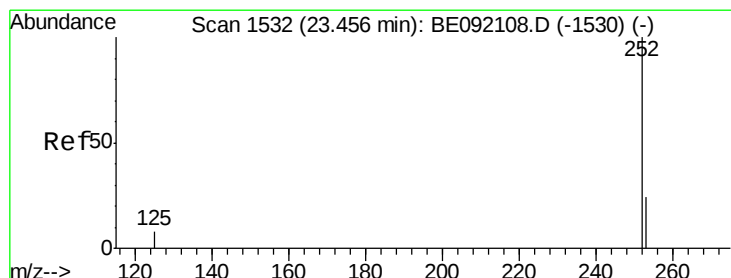
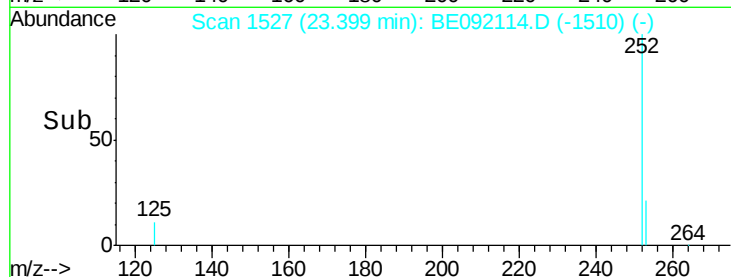
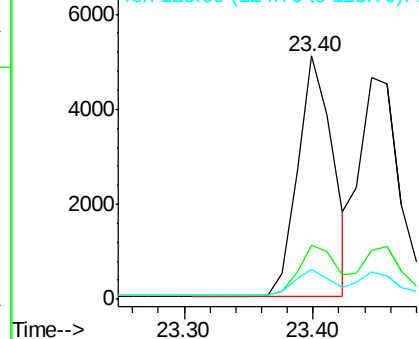
252 100

253 22.4 17.4 26.0

125 12.4 10.2 15.2



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



#30

Benzo(k)fluoranthene

Concen: 0.46 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

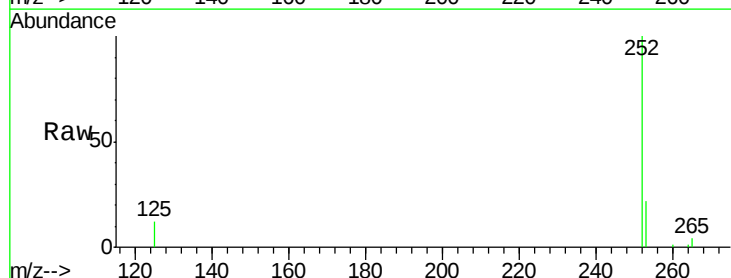
Tgt Ion:252 Resp: 10379

Ion Ratio Lower Upper

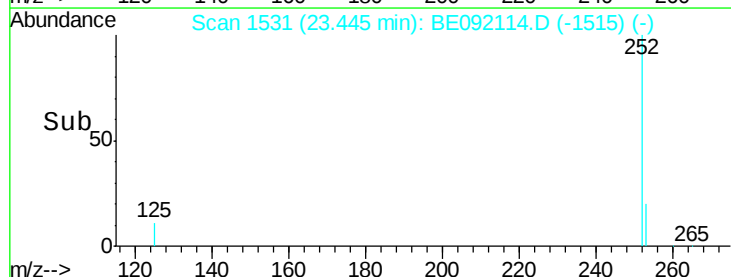
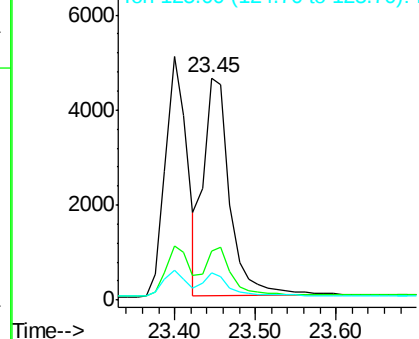
252 100

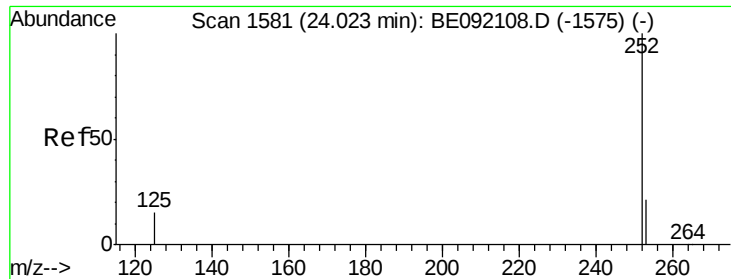
253 22.0 19.4 29.0

125 12.4 8.9 13.3



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





#31

Benzo(a)pyrene

Concen: 0.44 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :

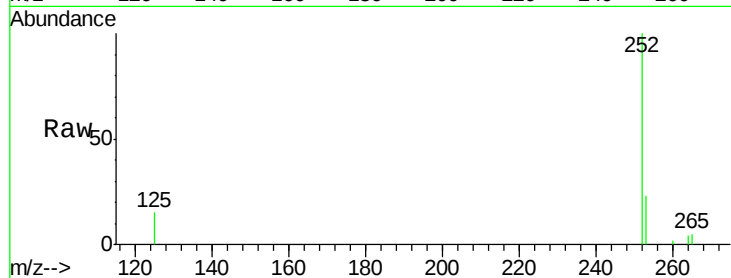
Tot Ion:252 Resp: 9306

Ion Ratio Lower Upper

252 100

253 23.1 19.8 29.8

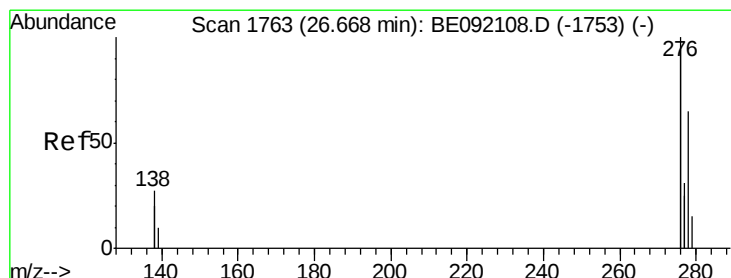
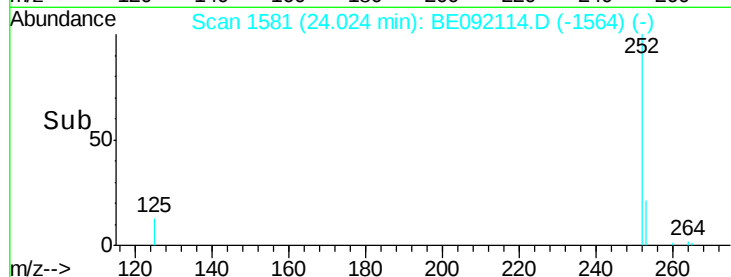
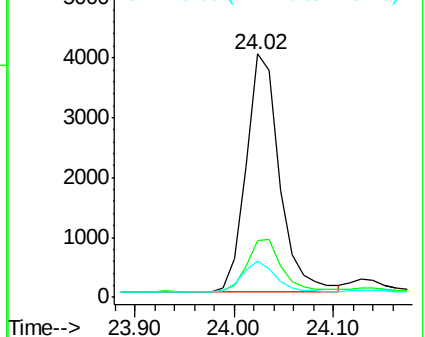
125 15.1 10.4 15.6



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



#32

Dibenzo(a,h)anthracene

Concen: 0.44 ng

RT: 26.67 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

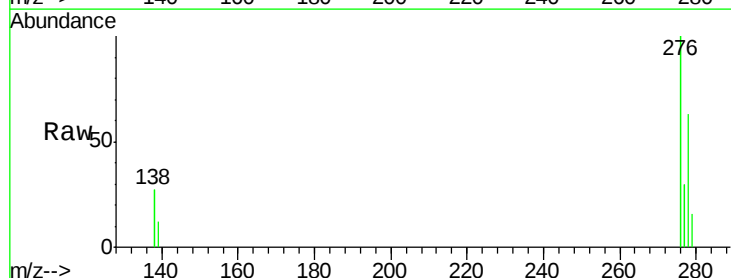
Tgt Ion:278 Resp: 8718

Ion Ratio Lower Upper

278 100

139 18.7 16.7 25.1

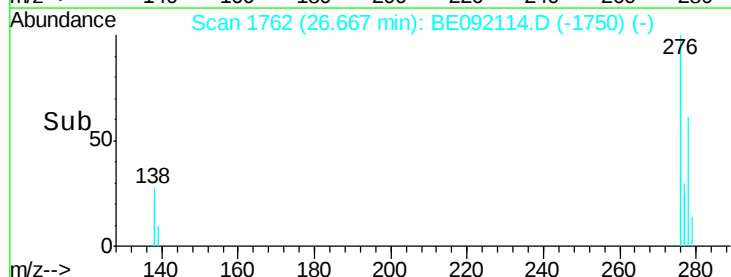
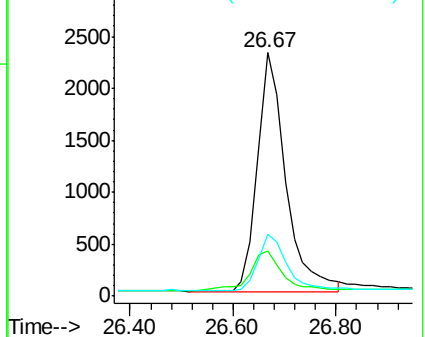
279 25.2 20.3 30.5

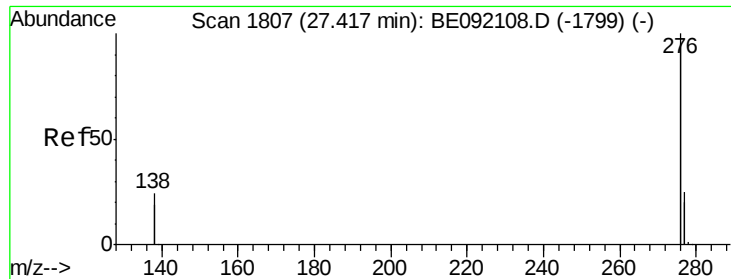


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(a,h,i)perylene

Concen: 0.44 ng

RT: 27.42 min Scan# 1806

Delta R.T. -0.00 min

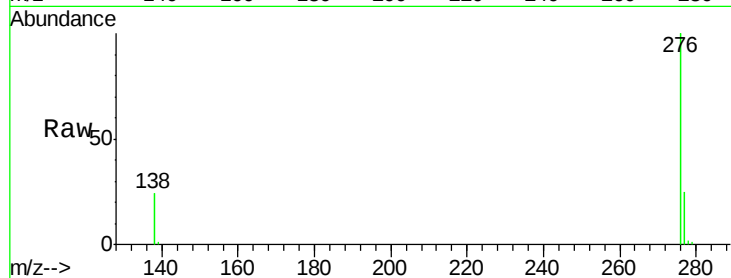
Lab File: BE092114.D

Acq: 2 Aug 2016 16:58

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 38004

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 23.6 20.8 31.2

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

