

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080416\
 Data File : BE092216.D
 Acq On : 5 Aug 2016 12:42
 Operator : UM/SJ
 Sample : SSTDCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 05 17:17:48 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	10062	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	48558	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	28379	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	63674	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	75777	5.00	ng	0.00
28) Perylene-d12	24.14	264	71327	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.71	112	926	0.36	ng	0.01
5) Phenol-d6	7.36	99	1235	0.36	ng	0.01
7) Nitrobenzene-d5	9.25	82	129	0.03	ng	-0.10
11) 2,4,6-Tribromophenol	16.33	330	333	0.36	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	3435	0.38	ng	0.00
24) Terphenyl-d14	20.19	244	4510	0.41	ng	-0.02

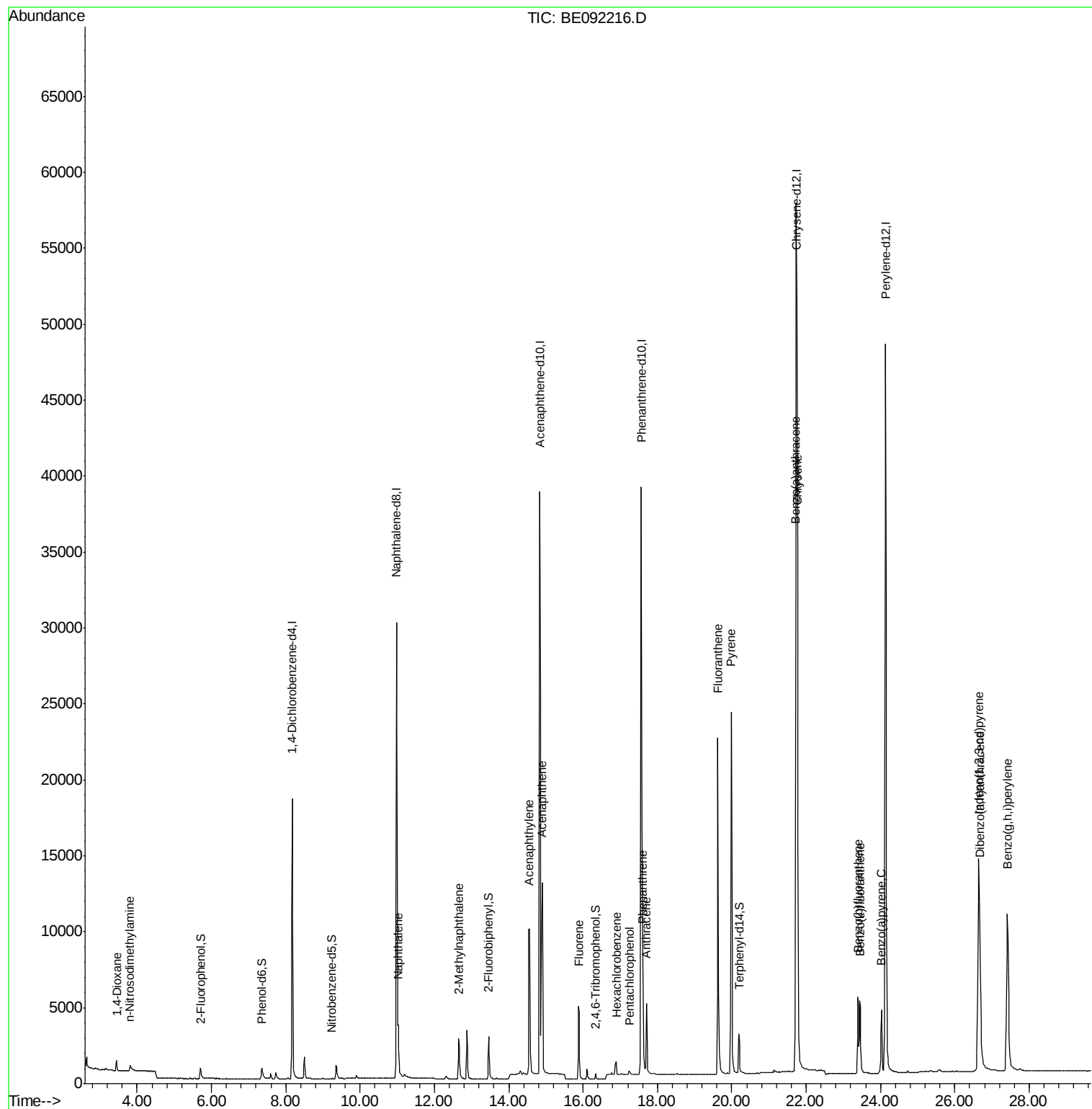
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	568	0.41	ng	98
3) n-Nitrosodimethylamine	3.80	42	605	0.40	ng	97
8) Naphthalene	11.03	128	4334	0.40	ng	98
9) 2-Methylnaphthalene	12.65	142	2756	0.41	ng	# 87
13) Acenaphthylene	14.54	152	18968	0.38	ng	98
14) Acenaphthene	14.90	154	3105	0.39	ng	# 96
15) Fluorene	15.89	166	3820	0.38	ng	99
17) Hexachlorobenzene	16.89	284	1136	0.36	ng	# 38
18) Pentachlorophenol	17.24	266	293	0.44	ng	94
19) Phenanthrene	17.61	178	7189	0.38	ng	100
20) Anthracene	17.70	178	6361	0.38	ng	99
21) Fluoranthene	19.63	202	28916	0.37	ng	98
23) Pvrene	19.99	202	30873	0.39	ng	99
25) Benzo(a)anthracene	21.72	228	32204	0.39	ng	96
26) Chrysene	21.77	228	32230	0.39	ng	# 89
27) Indeno(1,2,3-cd)pyrene	26.65	276	32554	0.36	ng	99
29) Benzo(b)fluoranthene	23.40	252	7251	0.37	ng	97
30) Benzo(k)fluoranthene	23.45	252	7817	0.40	ng	97
31) Benzo(a)pvrene	24.02	252	7127	0.40	ng	# 97
32) Dibenzo(a,h)anthracene	26.67	278	6565	0.38	ng	98
33) Benzo(g,h,i)perylene	27.42	276	27947	0.38	ng	99

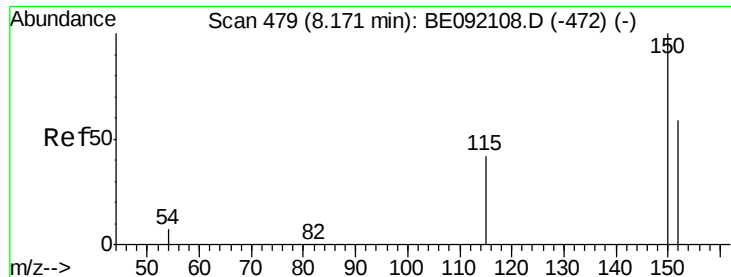
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampleId :

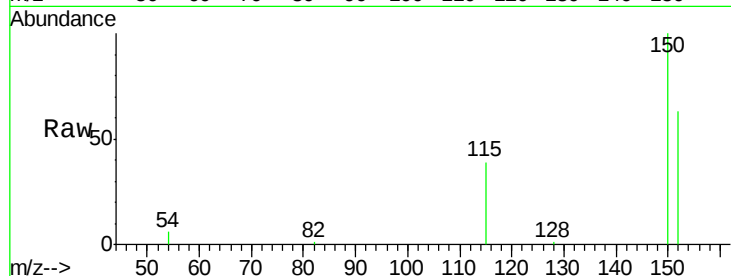
Tot Ion:152 Resp: 10062

Ion Ratio Lower Upper

152 100

150 159.1 106.0 159.0#

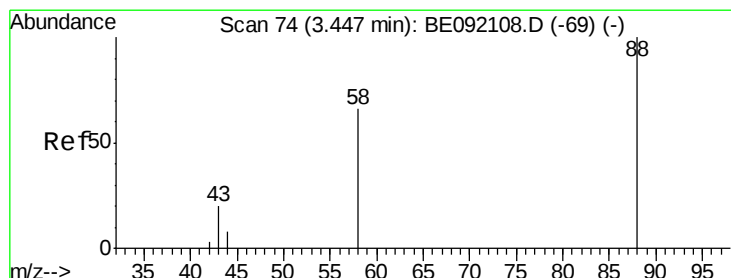
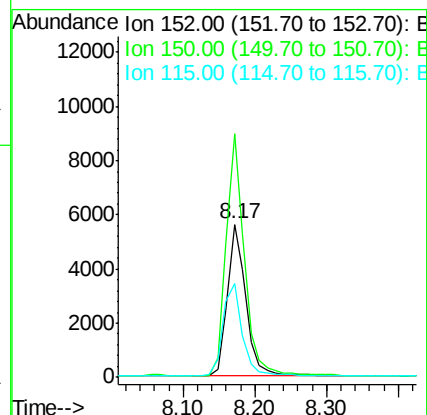
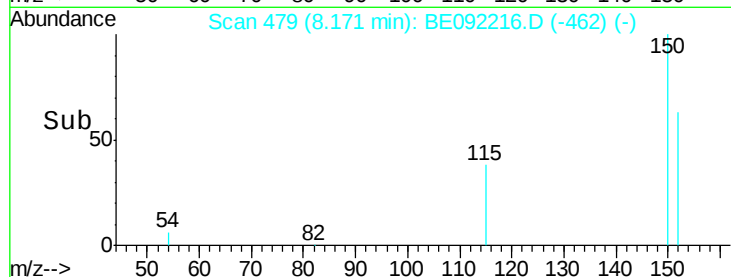
115 61.3 36.9 55.3#



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: 0.41 ng

RT: 3.44 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

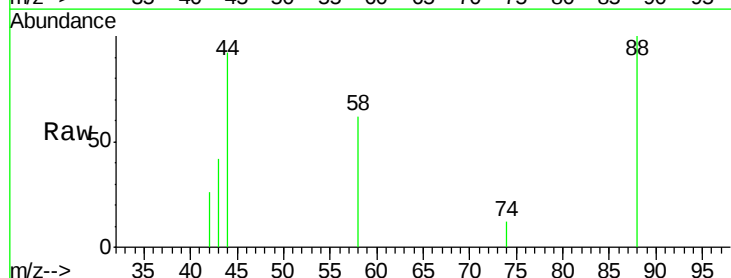
Tgt Ion: 88 Resp: 568

Ion Ratio Lower Upper

88 100

58 78.3 62.1 93.1

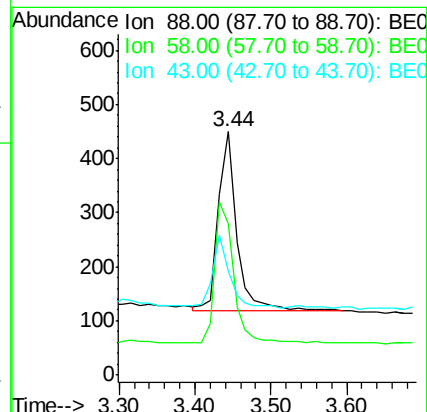
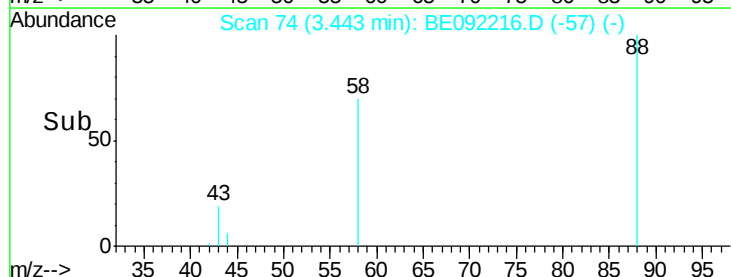
43 36.1 27.2 40.8

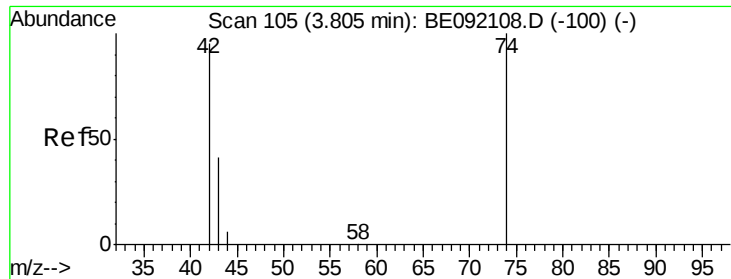


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



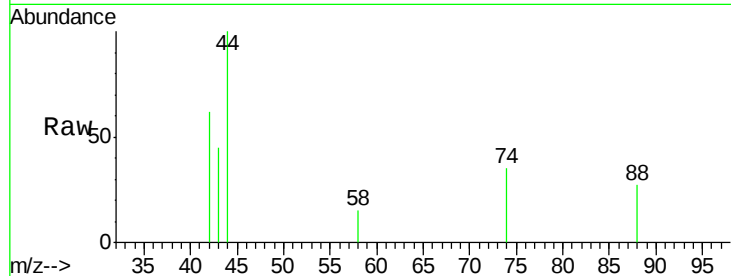


#3

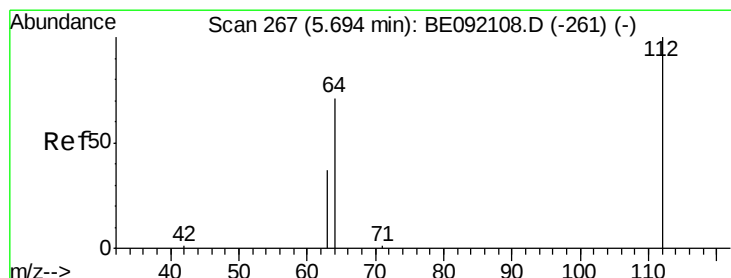
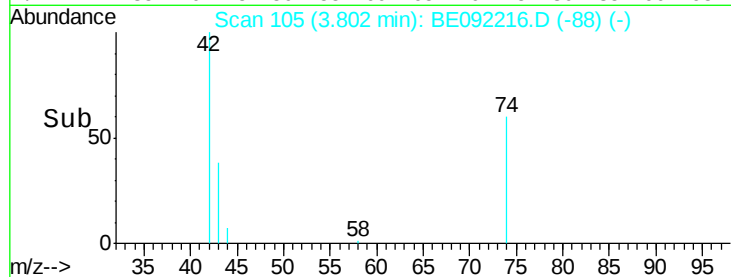
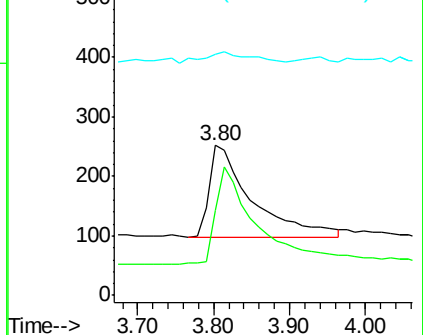
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.80 min Scan# 105
Delta R.T. -0.00 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 605
Ion Ratio Lower Upper
42 100
74 100.7 82.8 124.2
44 12.2 9.0 13.4



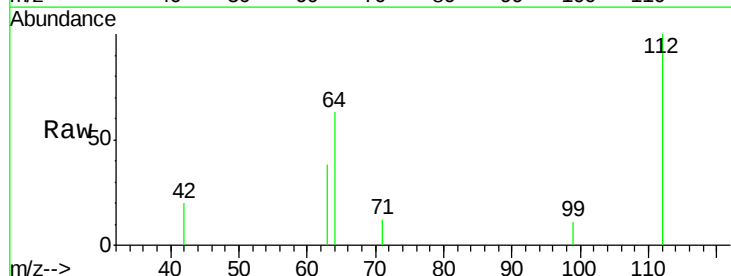
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



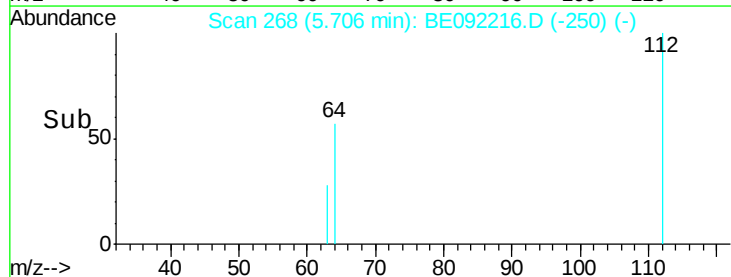
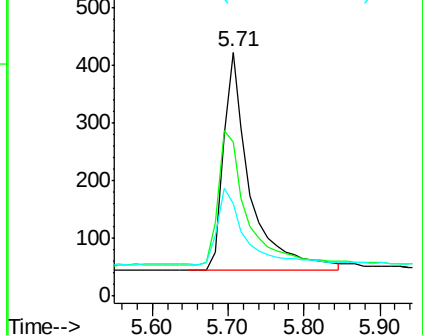
#4

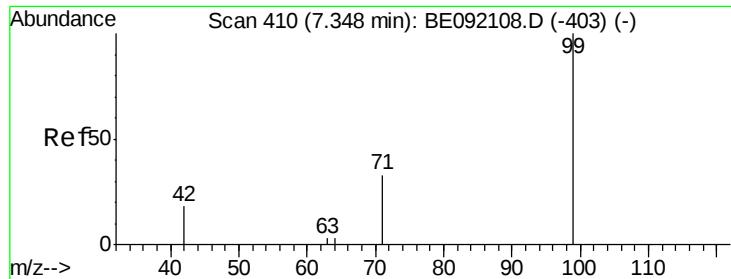
2-Fluorophenol
Concen: 0.36 ng
RT: 5.71 min Scan# 268
Delta R.T. 0.01 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

Tgt Ion: 112 Resp: 926
Ion Ratio Lower Upper
112 100
64 66.2 55.9 83.9
63 37.1 31.1 46.7



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: 0.36 ng

RT: 7.36 min Scan# 411

Delta R.T. 0.01 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampleId :

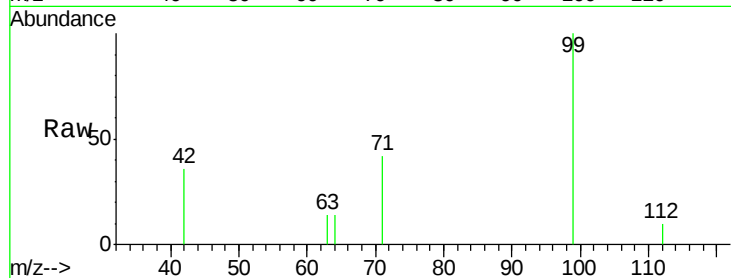
Tot Ion: 99 Resp: 1235

Ion Ratio Lower Upper

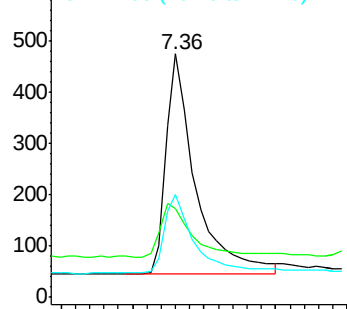
99 100

42 25.7 22.4 33.6

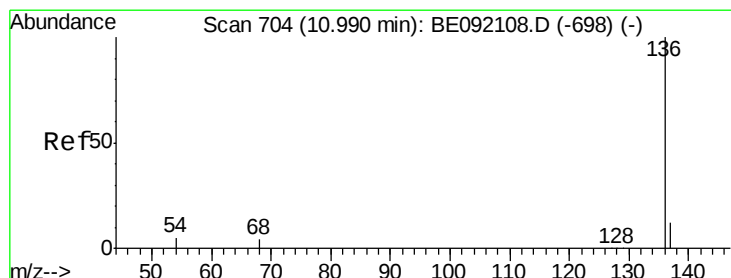
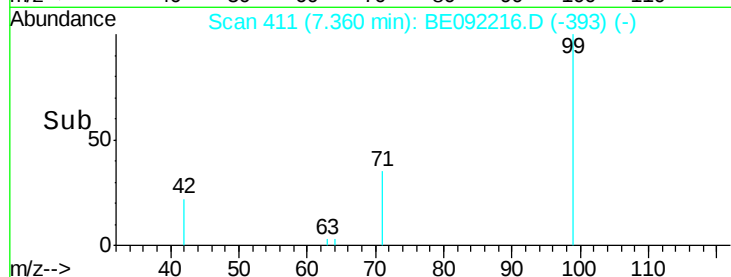
71 35.6 28.9 43.3



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



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Tgt Ion: 136 Resp: 48558

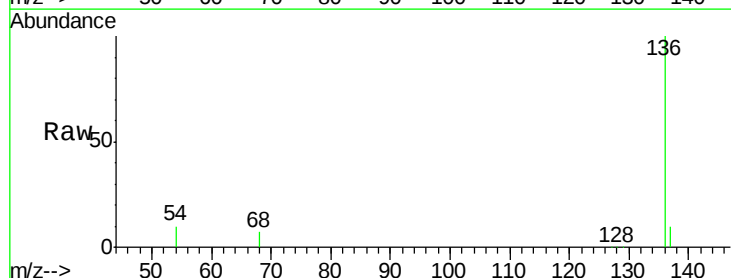
Ion Ratio Lower Upper

136 100

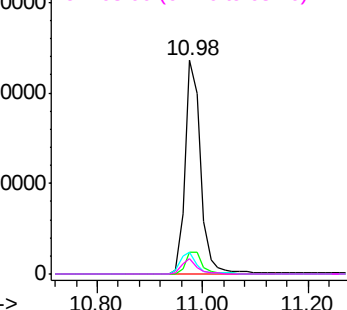
137 10.4 9.1 13.7

54 10.4 2.7 4.1#

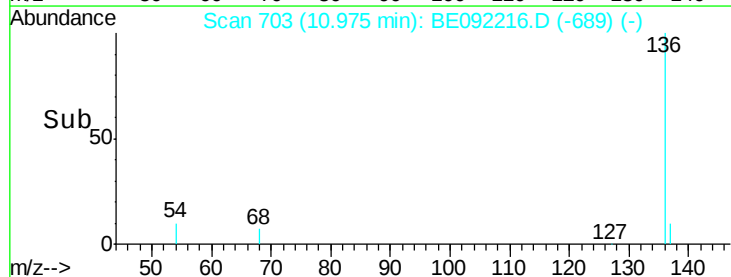
68 7.3 2.2 3.4#

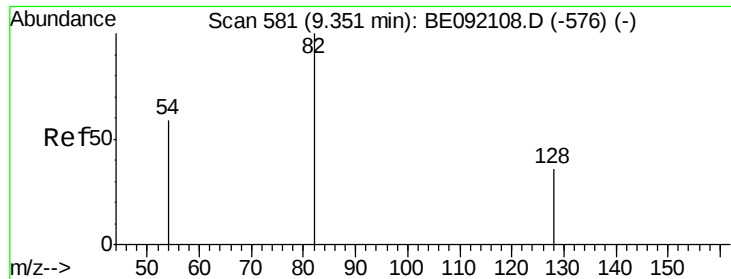


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



Time-->





#7

Nitrobenzene-d5

Concen: 0.03 ng

RT: 9.25 min Scan# 572

Delta R.T. -0.10 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampleId :

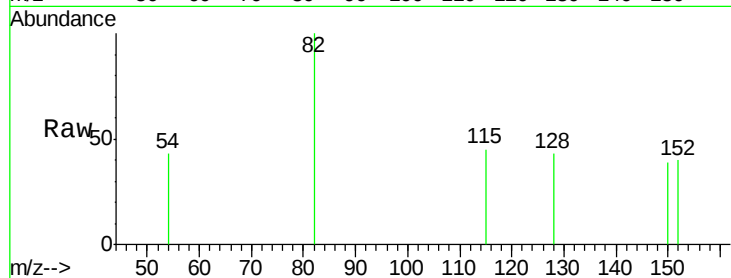
Tot Ion: 82 Resp: 129

Ion Ratio Lower Upper

82 100

128 42.9 33.0 49.4

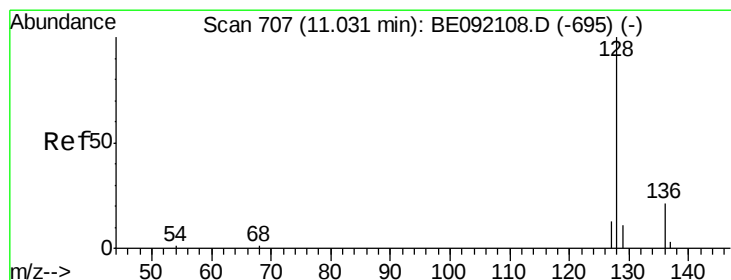
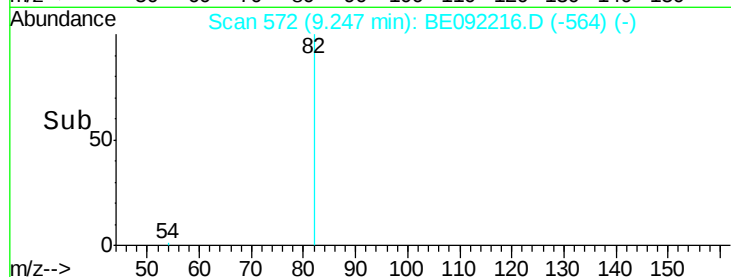
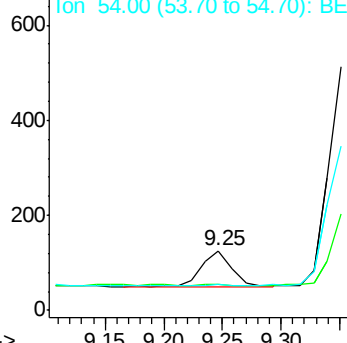
54 42.9 42.6 63.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Naphthalene

Concen: 0.40 ng

RT: 11.03 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

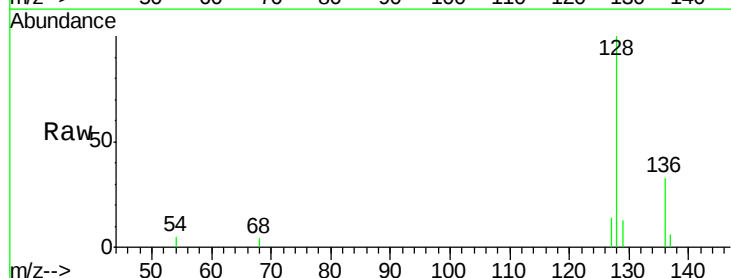
Tgt Ion: 128 Resp: 4334

Ion Ratio Lower Upper

128 100

129 13.0 11.1 16.7

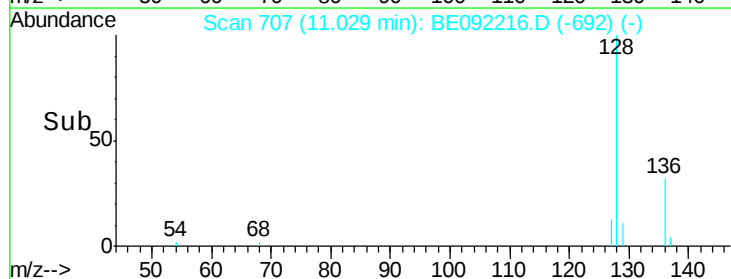
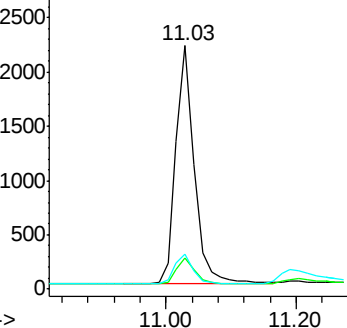
127 14.4 11.3 16.9

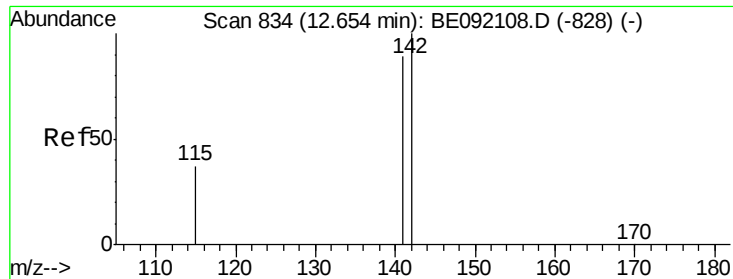


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

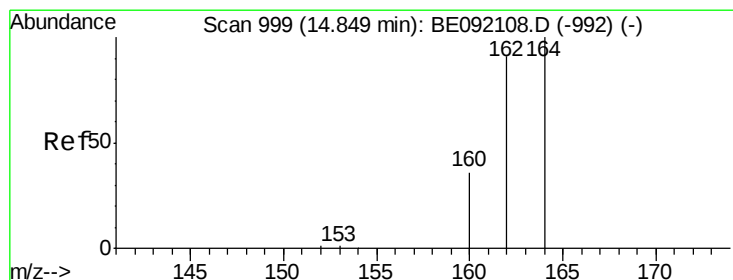
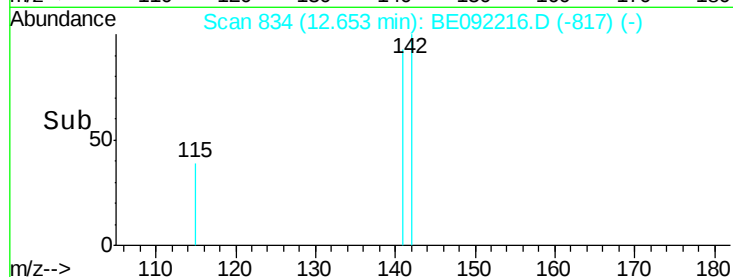
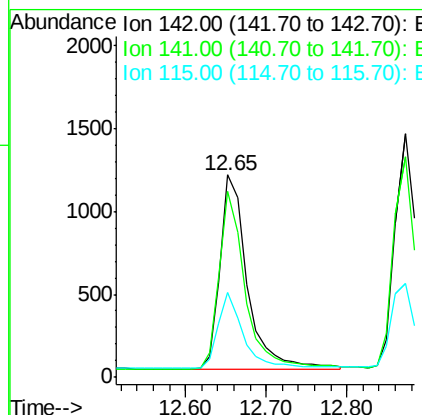
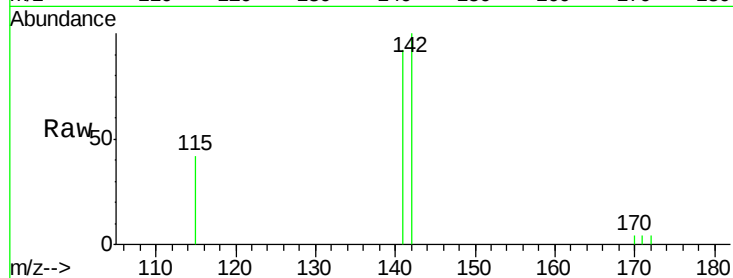




#9
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.65 min Scan# 834
Delta R.T. -0.00 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

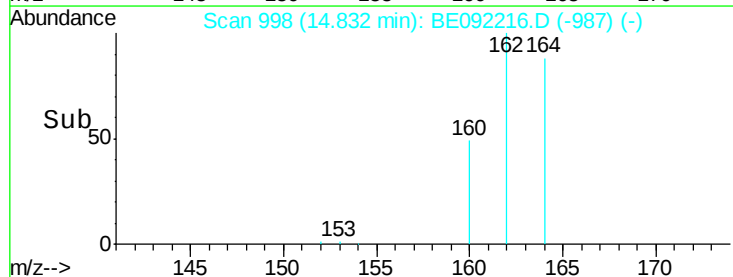
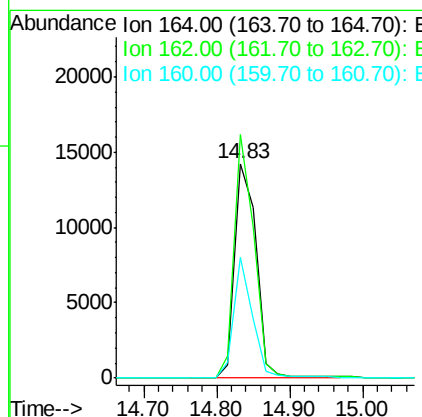
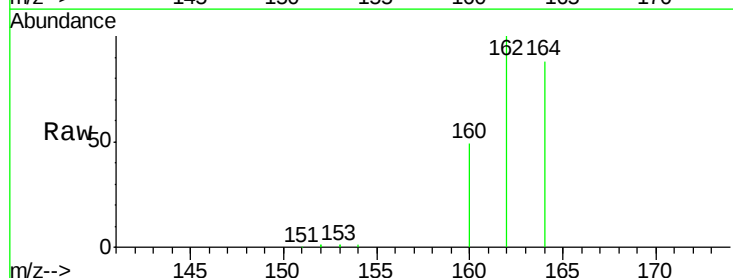
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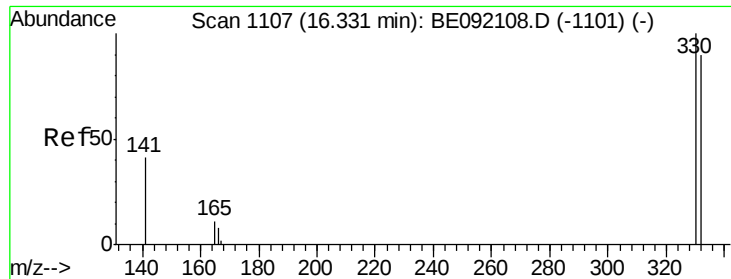
Tot Ion:142 Resp: 2756
Ion Ratio Lower Upper
142 100
141 92.2 65.1 97.7
115 41.9 27.0 40.4#



#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 998
Delta R.T. -0.02 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

Tgt Ion:164 Resp: 28379
Ion Ratio Lower Upper
164 100
162 113.6 69.5 104.3#
160 56.1 27.6 41.4#

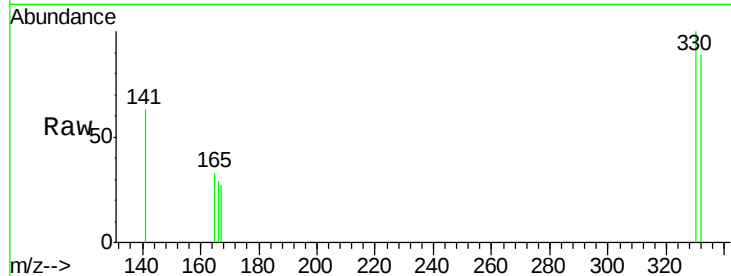




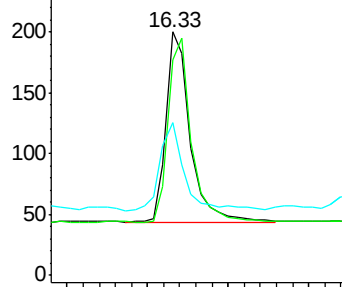
#11
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 16.33 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

Instrument :
BNA_E
ClientSampled :

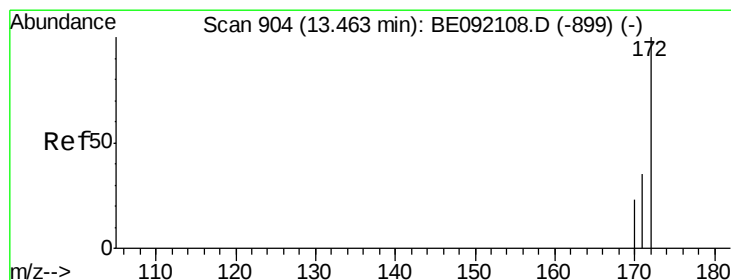
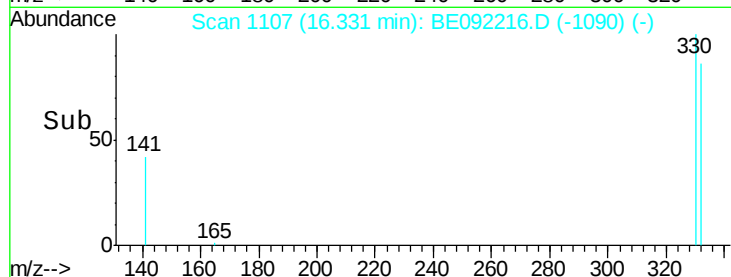
Tot Ion:330 Resp: 333
Ion Ratio Lower Upper
330 100
332 94.0 74.2 111.4
141 45.9 139.8 209.8#



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

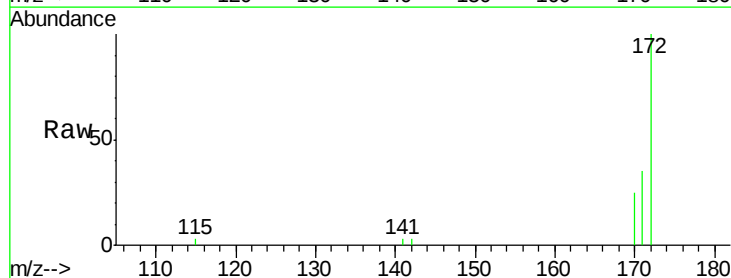


Time--> 16.20 16.30 16.40 16.50

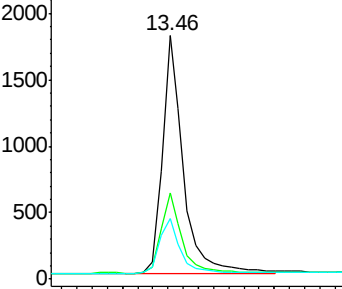


#12
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

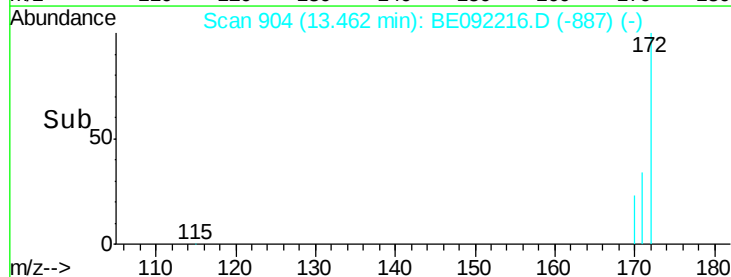
Tgt Ion:172 Resp: 3435
Ion Ratio Lower Upper
172 100
171 35.4 30.3 45.5
170 24.8 21.6 32.4

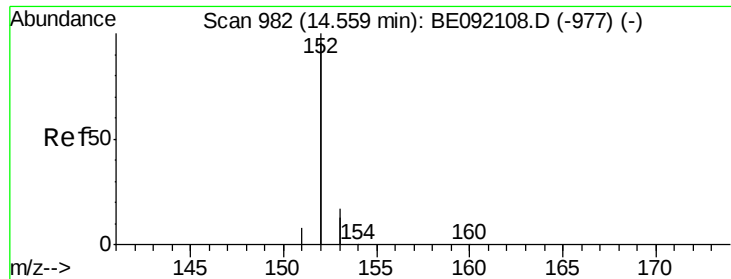


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



Time--> 13.40 13.50 13.60





#13

Acenaphthylene

Concen: 0.38 ng

RT: 14.54 min Scan# 981

Delta R.T. -0.02 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampled :

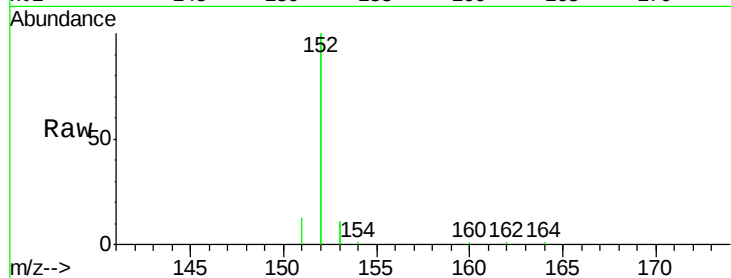
Tot Ion:152 Resp: 18968

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

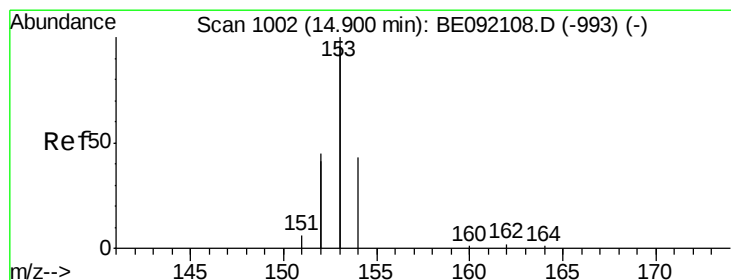
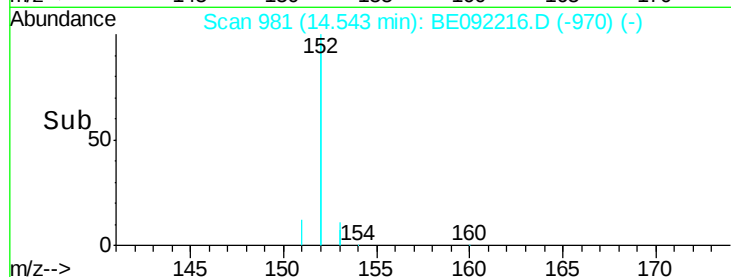
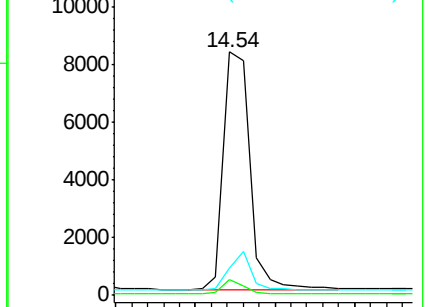
153 13.2 9.6 14.4



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: 0.39 ng

RT: 14.90 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

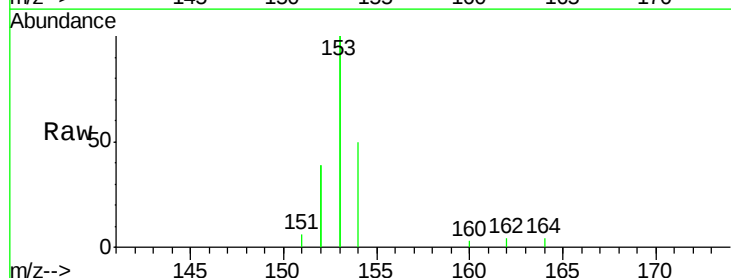
Tgt Ion:154 Resp: 3105

Ion Ratio Lower Upper

154 100

153 442.0 345.1 517.7

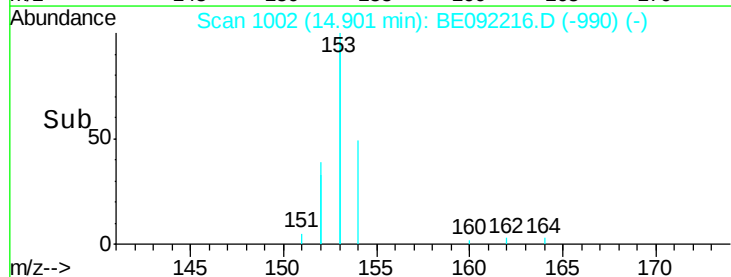
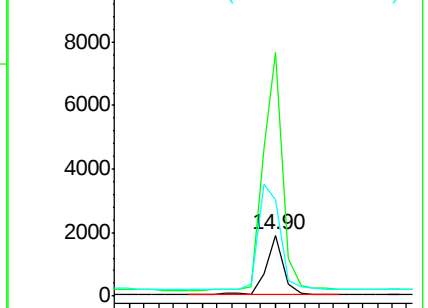
152 218.9 0.0 0.0#

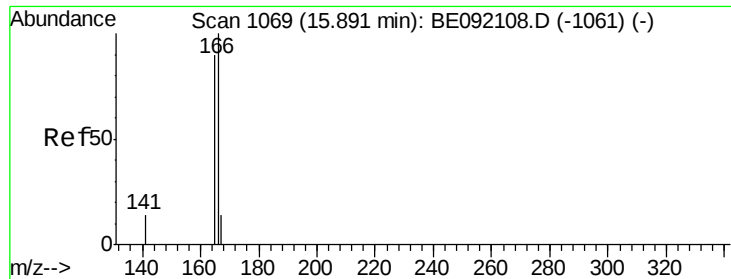


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 0.38 ng

RT: 15.89 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampled :

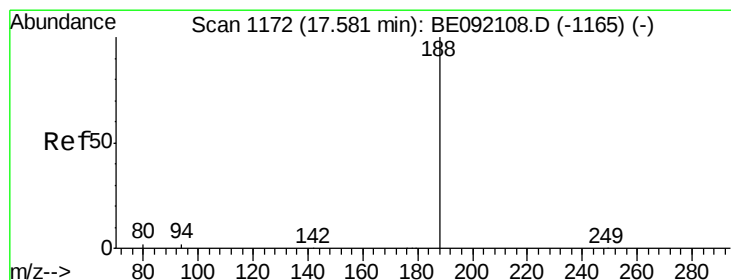
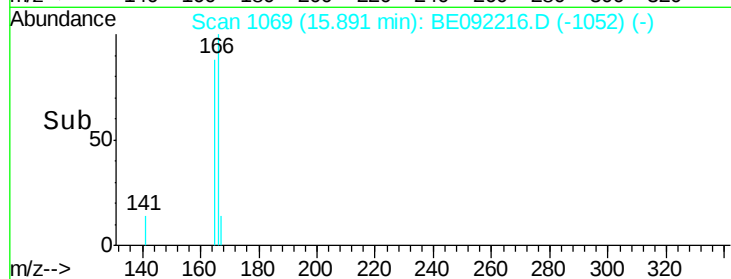
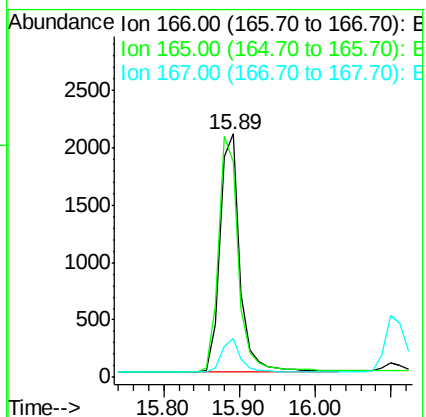
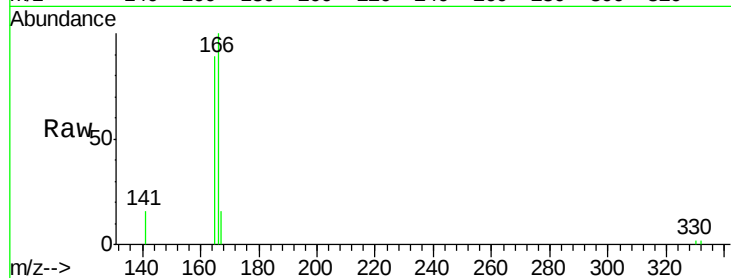
Tot Ion:166 Resp: 3820

Ion Ratio Lower Upper

166 100

165 99.2 78.6 118.0

167 13.5 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: BE092216.D

Acq: 5 Aug 2016 12:42

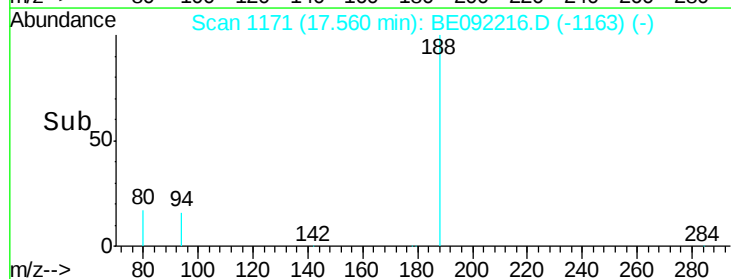
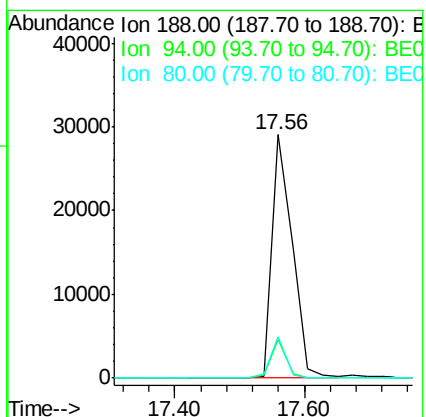
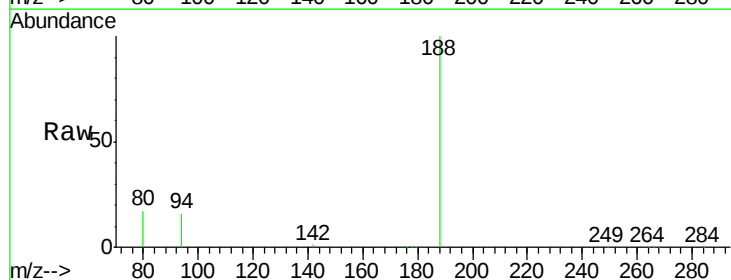
Tgt Ion:188 Resp: 63674

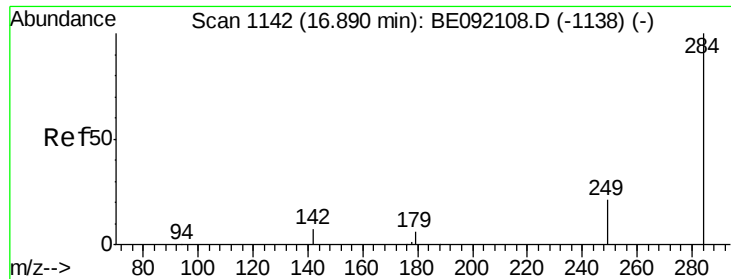
Ion Ratio Lower Upper

188 100

94 16.1 3.9 5.9#

80 17.1 3.4 5.0#

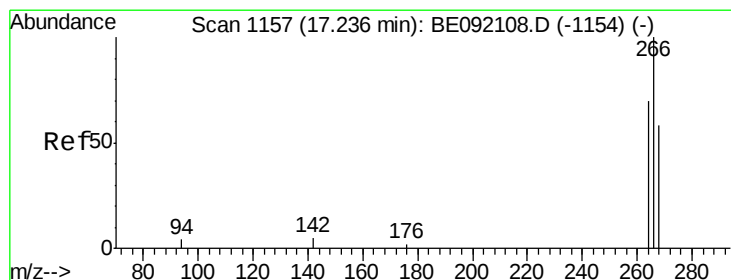
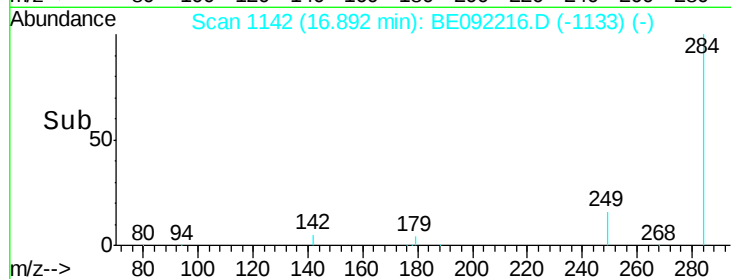
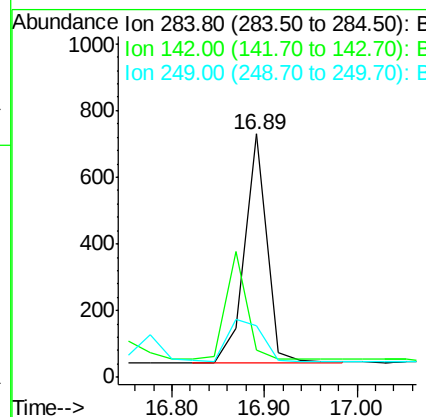
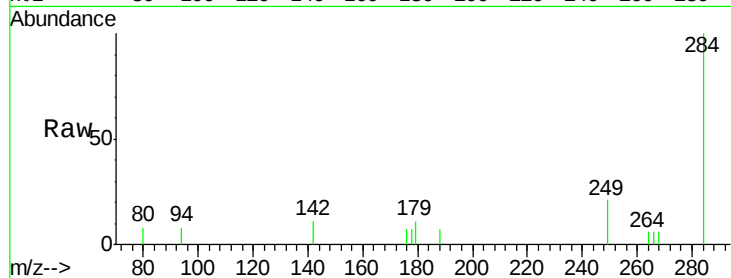




#17
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.89 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

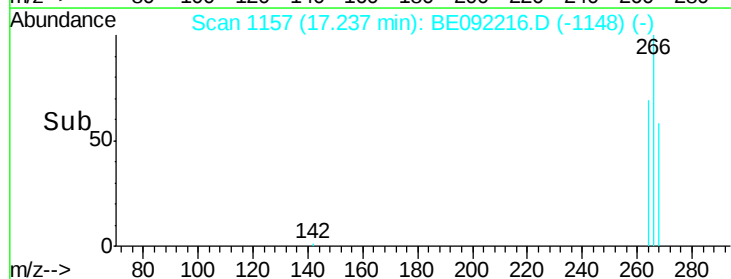
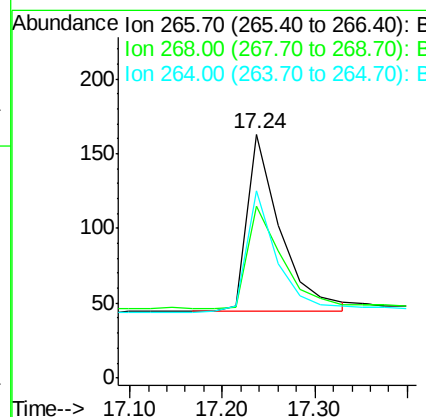
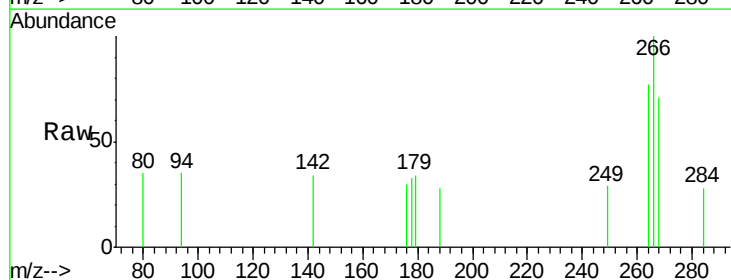
Instrument :
BNA_E
ClientSampleId :

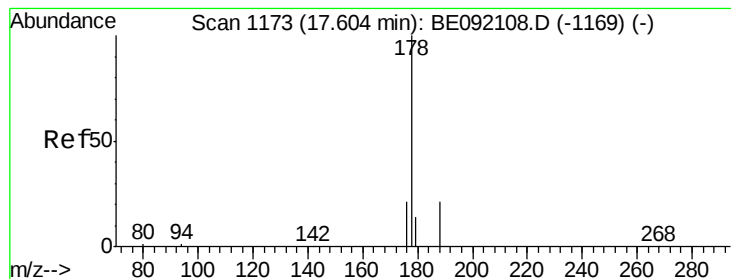
Tot Ion:284 Resp: 1136
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 0.0 25.4 38.0#



#18
Pentachlorophenol
Concen: 0.44 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

Tgt Ion:266 Resp: 293
Ion Ratio Lower Upper
266 100
268 70.6 62.7 94.1
264 76.7 63.5 95.3





#19

Phenanthrene

Concen: 0.38 ng

RT: 17.61 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

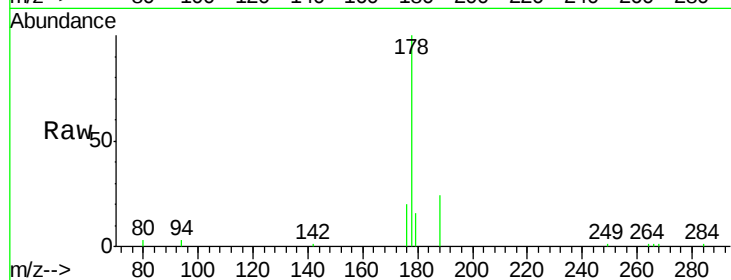
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 7189

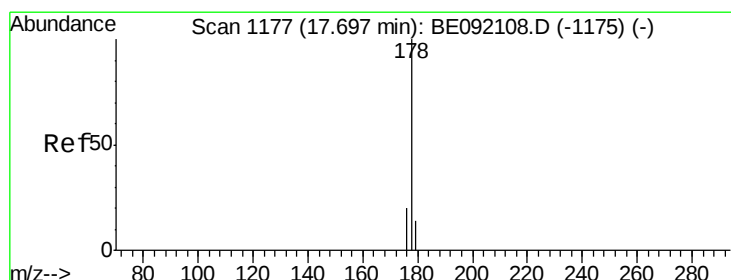
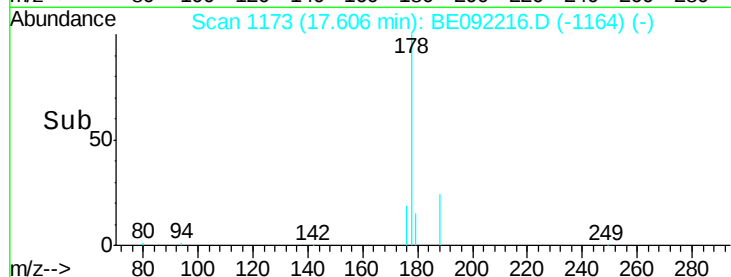
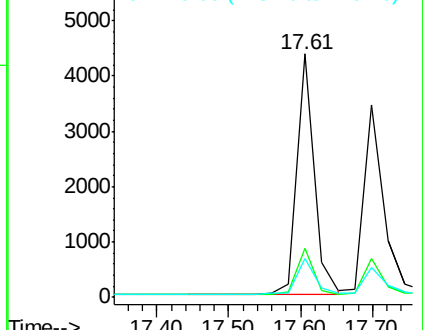
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	16.0	12.7	19.1



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: 0.38 ng

RT: 17.70 min Scan# 1177

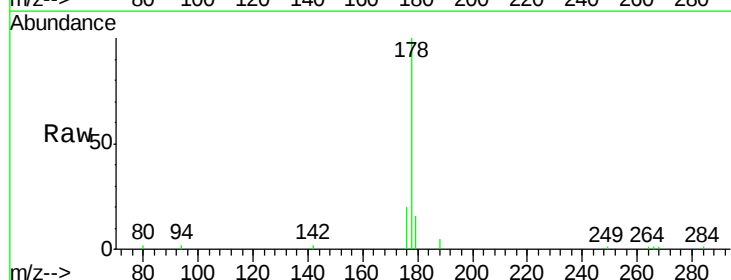
Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Tgt Ion:178 Resp: 6361

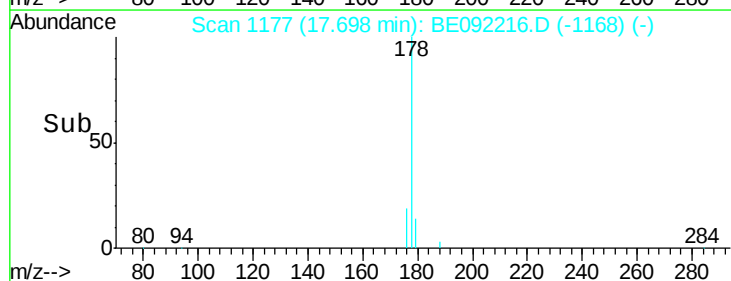
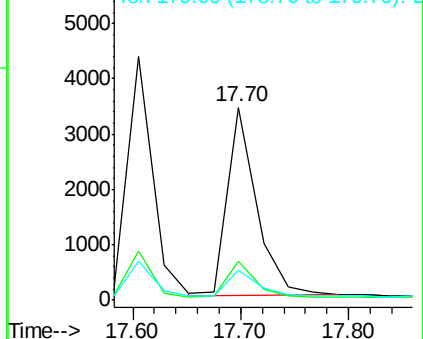
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	14.9	12.2	18.4

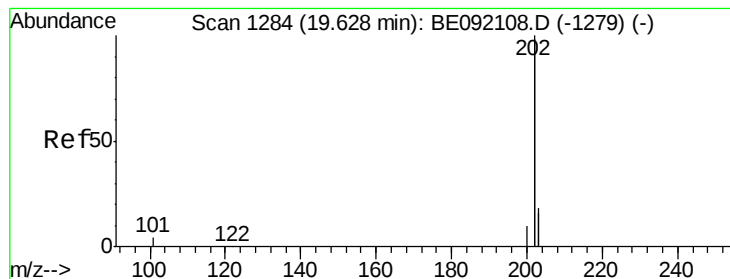


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 0.37 ng

RT: 19.63 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampleId :

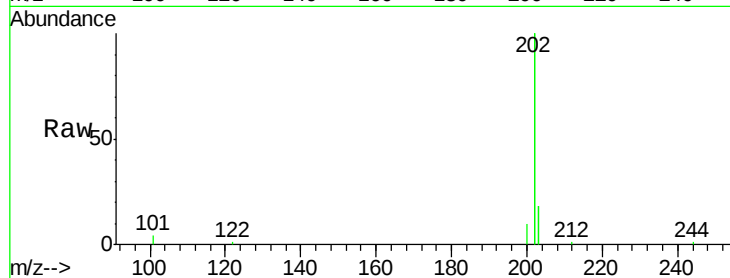
Tot Ion:202 Resp: 28916

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.2

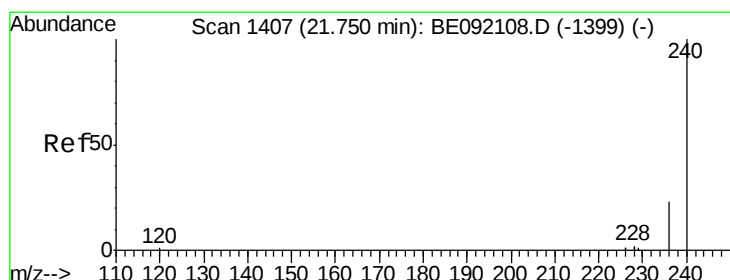
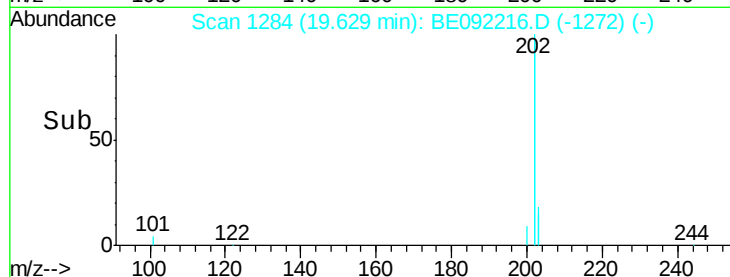
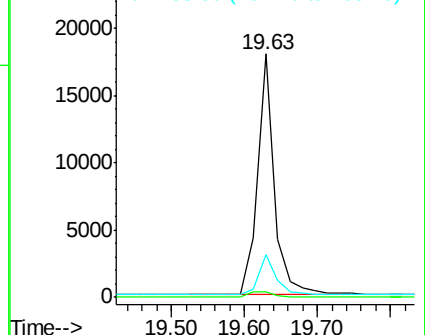
203 17.3 13.0 19.4



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: BE092216.D

Acq: 5 Aug 2016 12:42

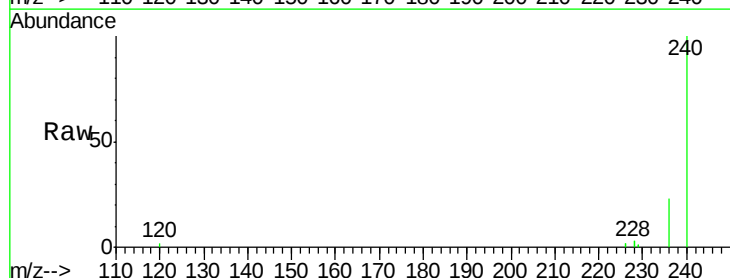
Tgt Ion:240 Resp: 75777

Ion Ratio Lower Upper

240 100

120 1.6 0.6 1.0#

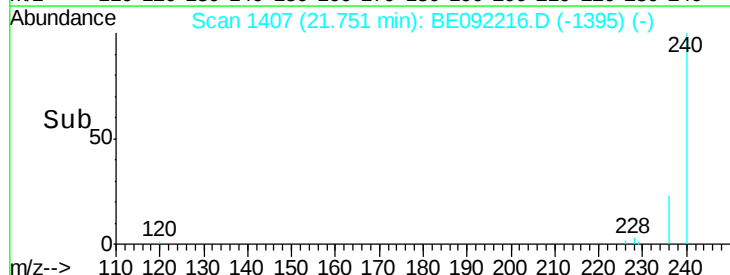
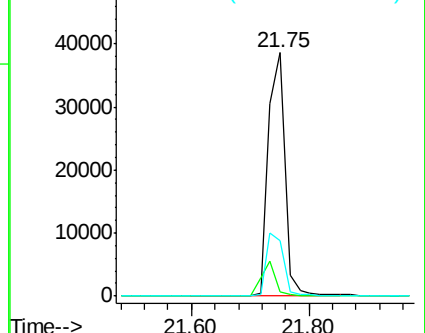
236 22.6 18.2 27.4

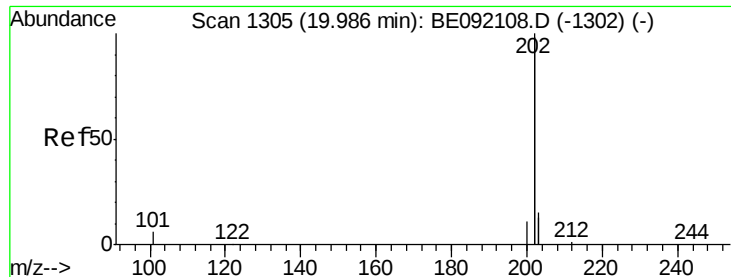


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

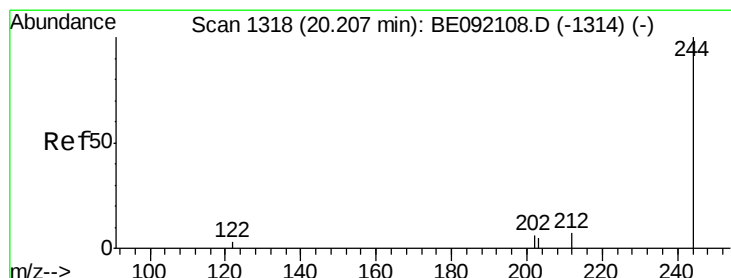
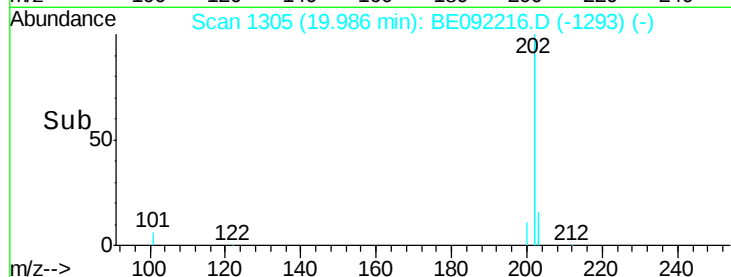
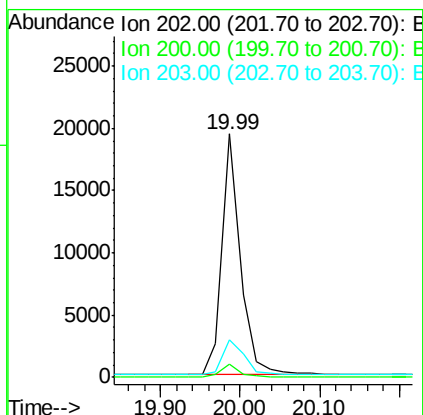
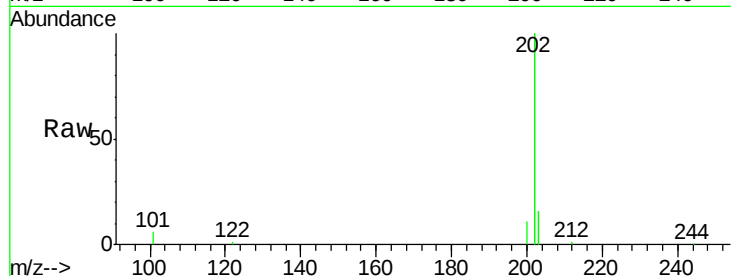




#23
Pvrene
Concen: 0.39 ng
RT: 19.99 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

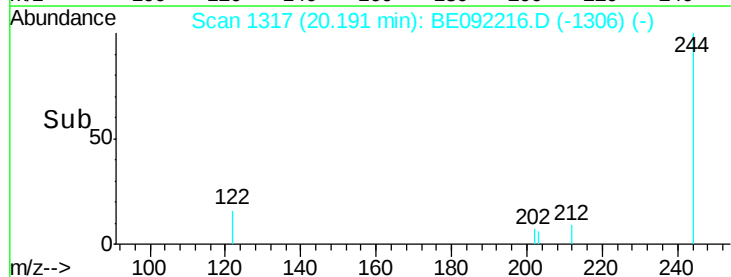
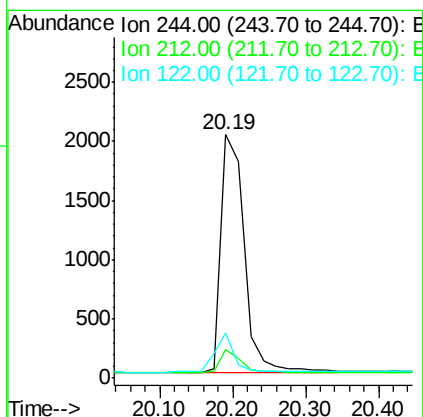
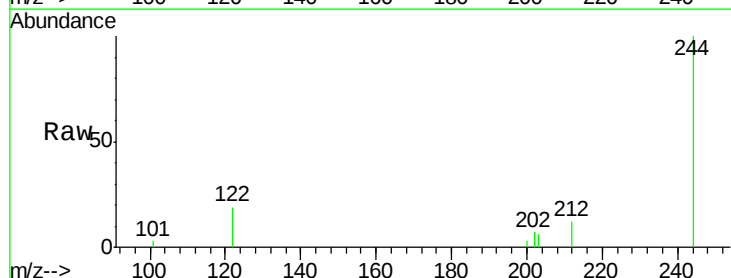
Instrument :
BNA_E
ClientSampleId :

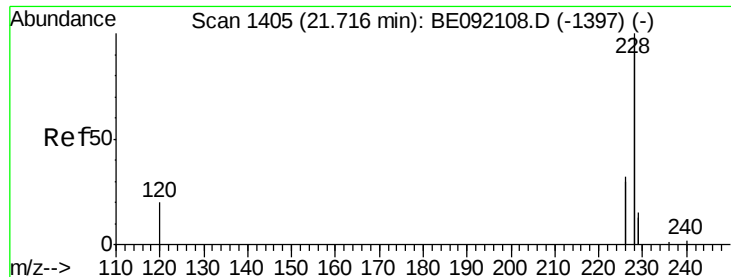
Tot Ion:202 Resp: 30873
Ion Ratio Lower Upper
202 100
200 5.3 4.4 6.6
203 17.2 13.4 20.0



#24
Terphenyl-d14
Concen: 0.41 ng
RT: 20.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BE092216.D
Acq: 5 Aug 2016 12:42

Tgt Ion:244 Resp: 4510
Ion Ratio Lower Upper
244 100
212 11.8 9.1 13.7
122 18.6 11.0 16.4#





#25

Benzo(a)anthracene

Concen: 0.39 ng

RT: 21.72 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampleId :

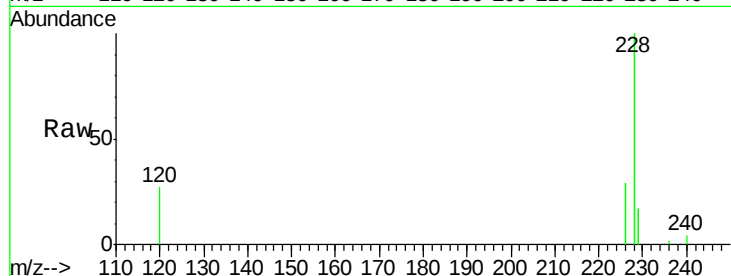
Tot Ion:228 Resp: 32204

Ion Ratio Lower Upper

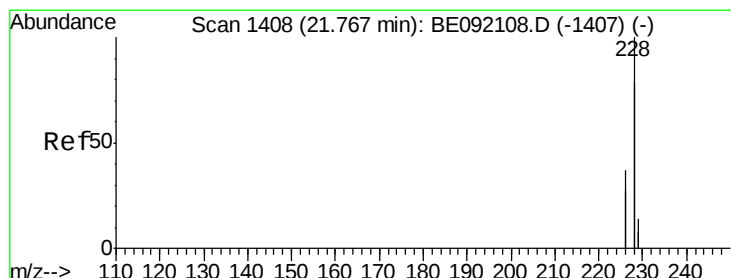
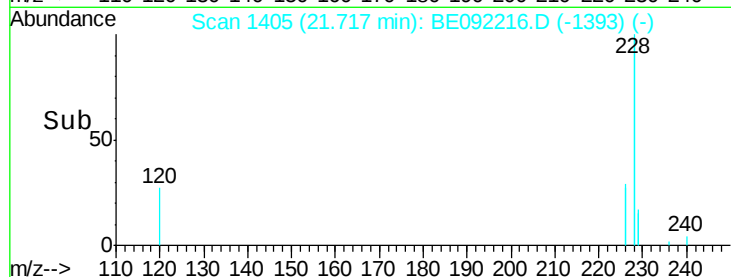
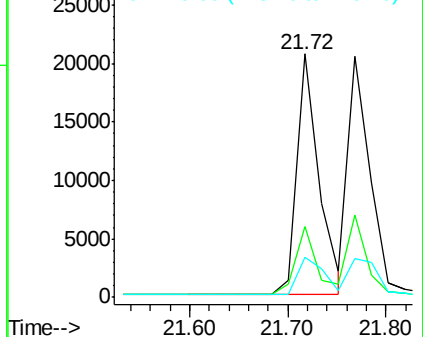
228 100

226 29.3 22.1 33.1

229 16.6 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: 0.39 ng

RT: 21.77 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

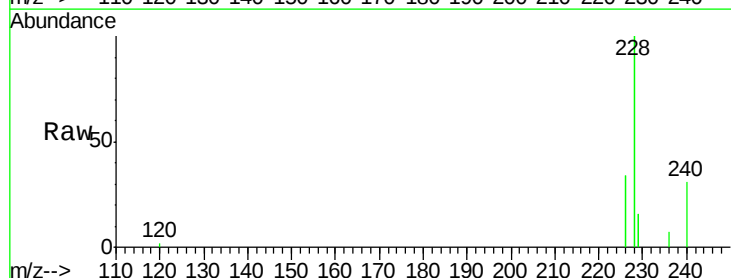
Tgt Ion:228 Resp: 32230

Ion Ratio Lower Upper

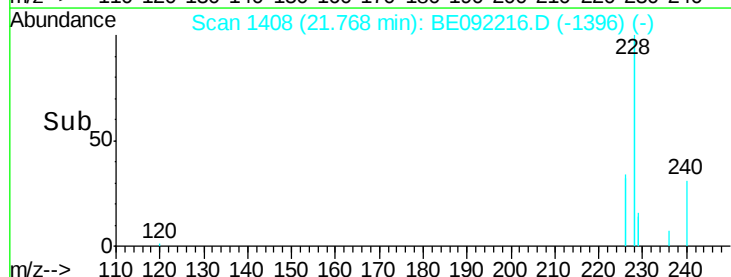
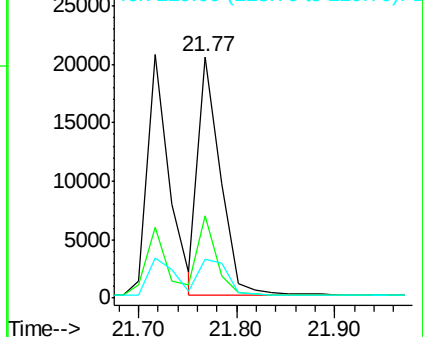
228 100

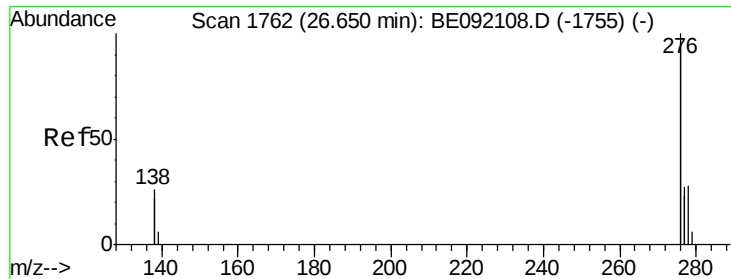
226 34.0 22.3 33.5#

229 15.8 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

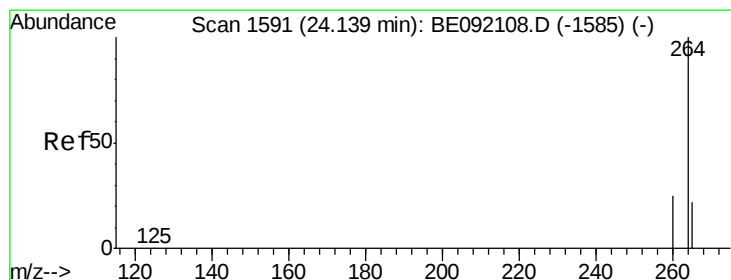
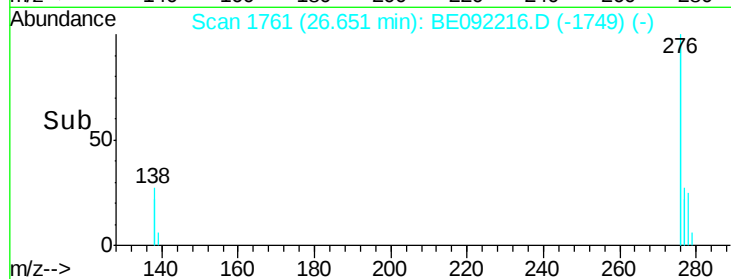
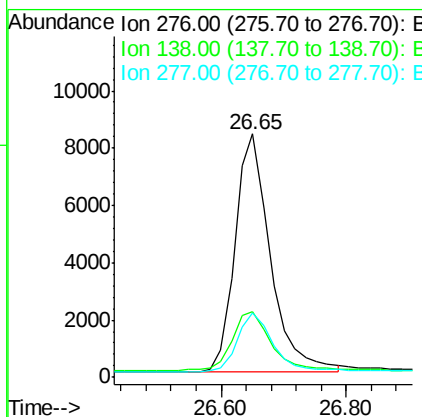
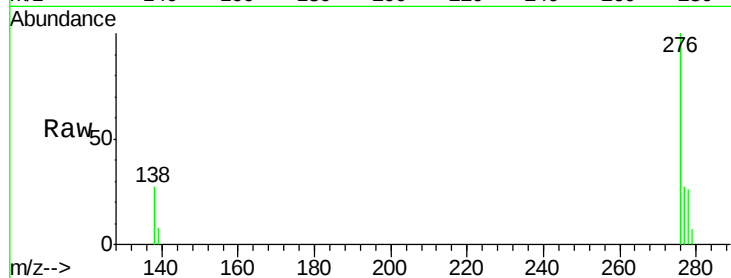




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.36 ng
 RT: 26.65 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BE092216.D
 Acq: 5 Aug 2016 12:42

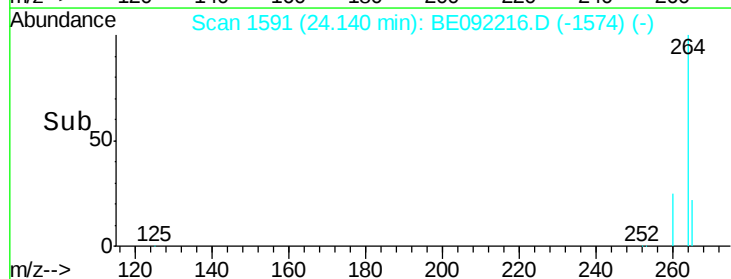
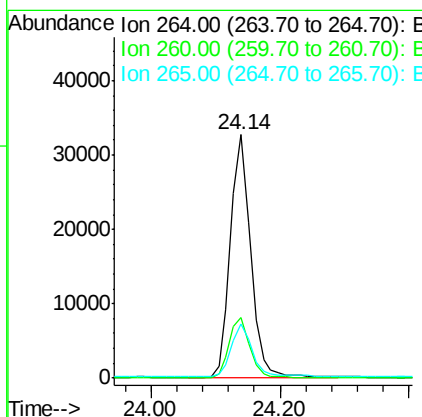
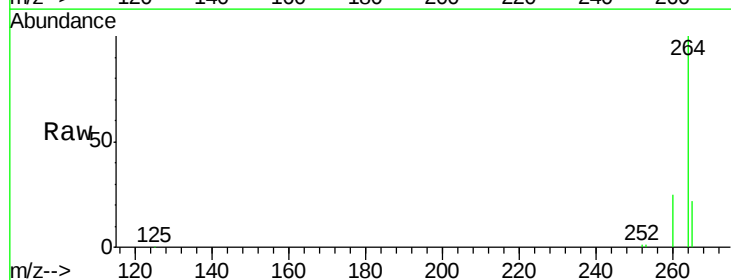
Instrument :
 BNA_E
 ClientSampled :

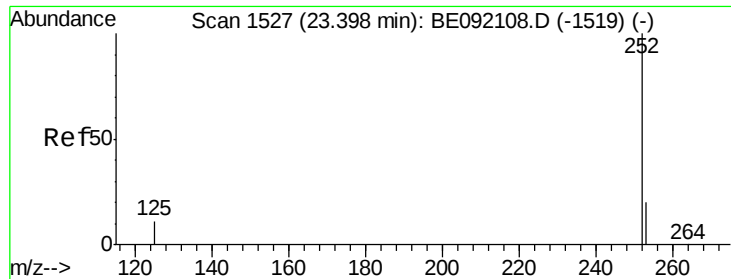
Tot Ion:276 Resp: 32554
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.2 31.8
 277 24.6 19.8 29.8



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092216.D
 Acq: 5 Aug 2016 12:42

Tgt Ion:264 Resp: 71327
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.8 31.2
 265 22.5 16.6 25.0





#29

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampleId :

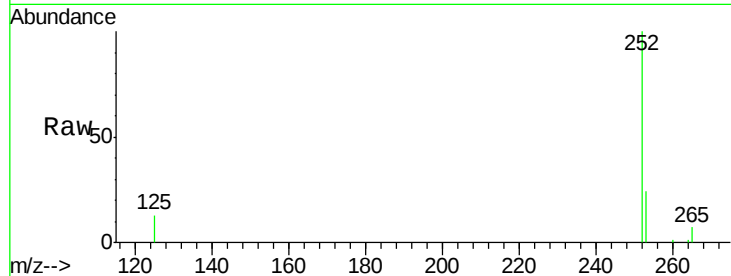
Tot Ion:252 Resp: 7251

Ion Ratio Lower Upper

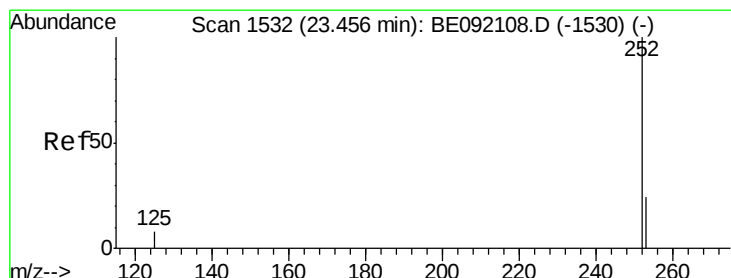
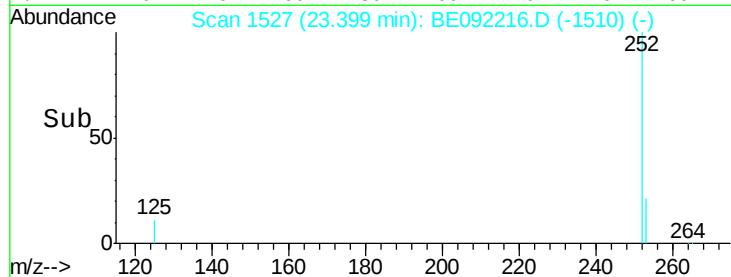
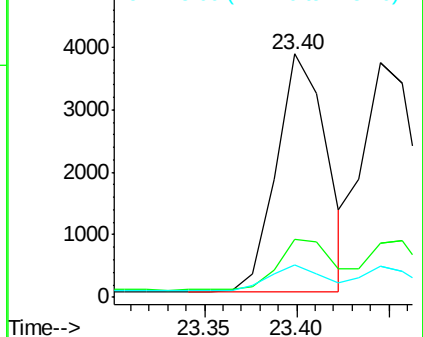
252 100

253 23.7 17.4 26.0

125 13.4 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: 0.40 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

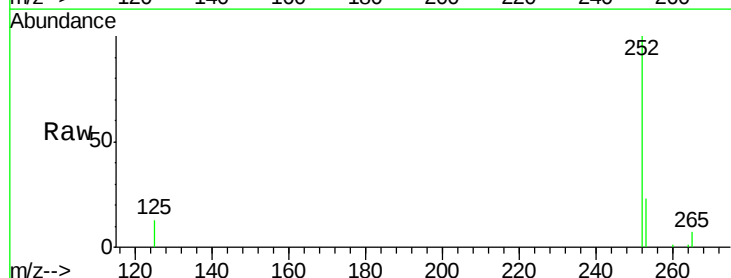
Tgt Ion:252 Resp: 7817

Ion Ratio Lower Upper

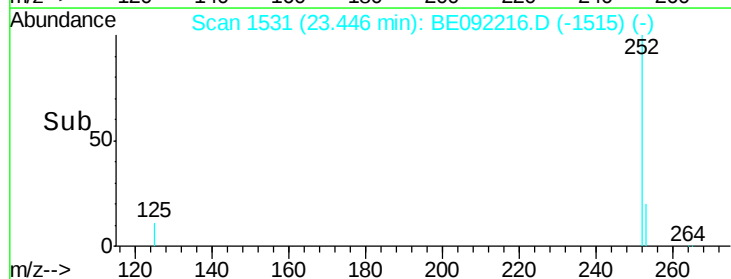
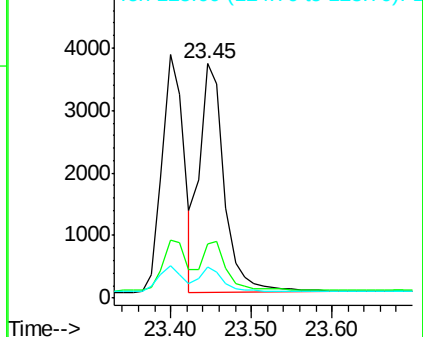
252 100

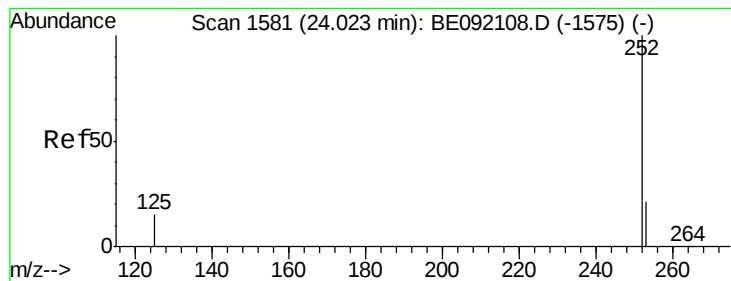
253 23.1 19.4 29.0

125 13.2 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: 0.40 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampleId :

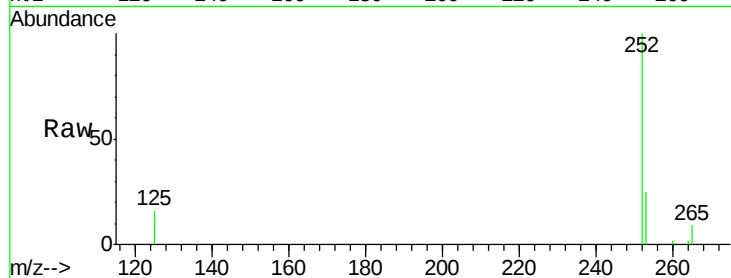
Tot Ion:252 Resp: 7127

Ion Ratio Lower Upper

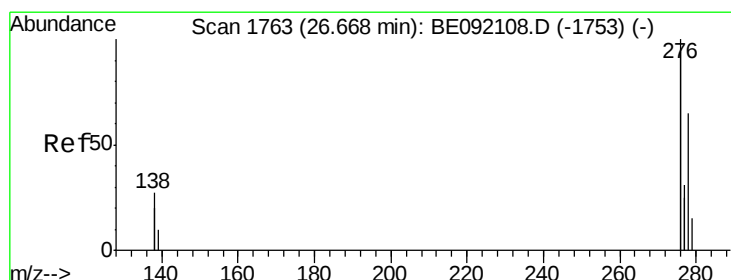
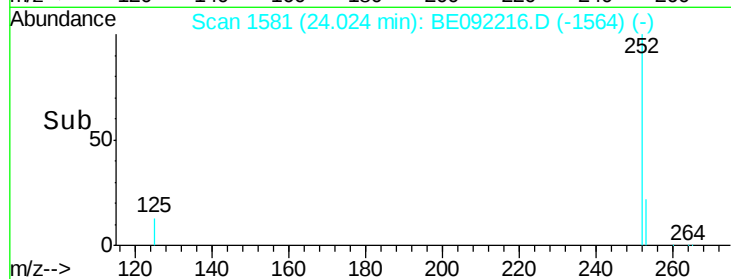
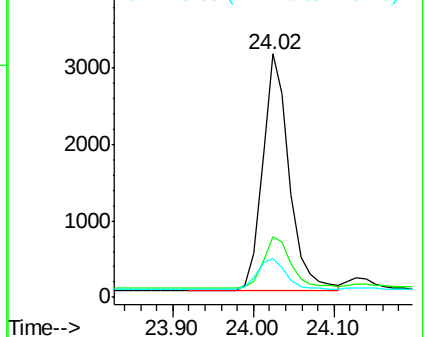
252 100

253 24.8 19.8 29.8

125 15.9 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: 0.38 ng

RT: 26.67 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

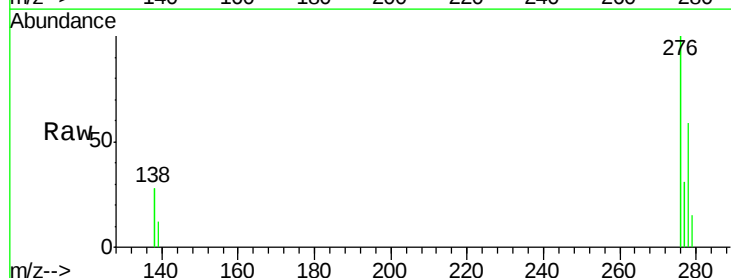
Tgt Ion:278 Resp: 6565

Ion Ratio Lower Upper

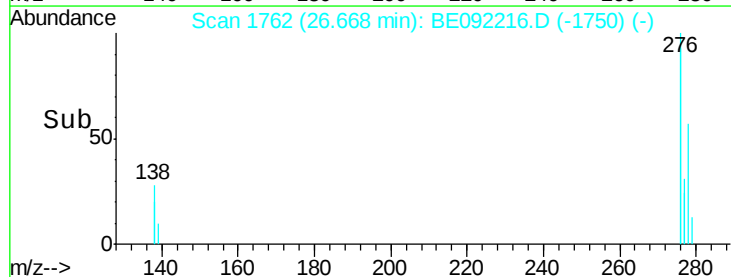
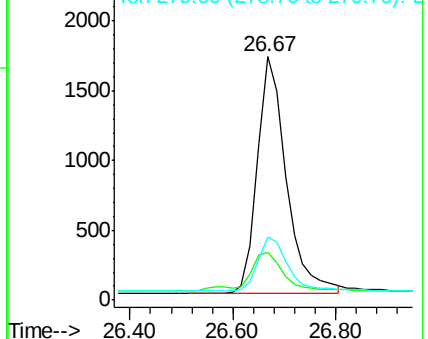
278 100

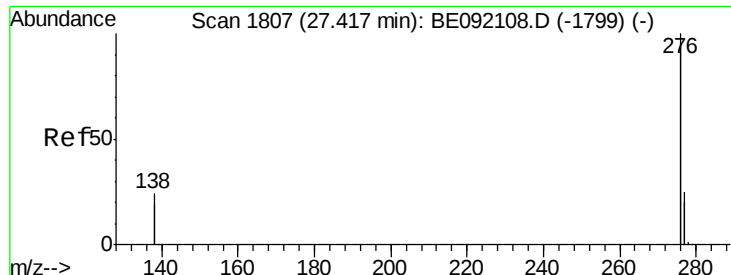
139 19.9 16.7 25.1

279 26.0 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: 0.38 ng

RT: 27.42 min Scan# 1806

Delta R.T. 0.00 min

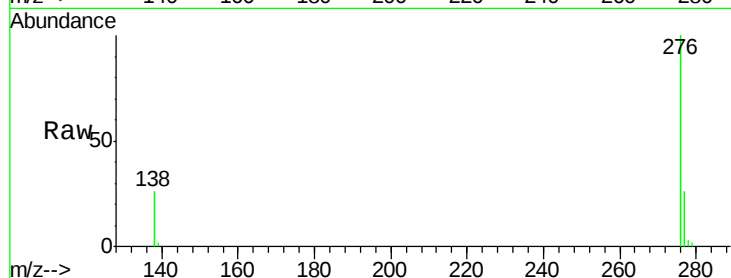
Lab File: BE092216.D

Acq: 5 Aug 2016 12:42

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 27947

Ion Ratio Lower Upper

276 100

277 25.6 19.5 29.3

138 25.9 20.8 31.2

