

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090216\
 Data File : BE092353.D
 Acq On : 2 Sep 2016 21:05
 Operator : UM/SJ
 Sample : PB93162BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93162BSD

Quant Time: Sep 02 23:47:12 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	10138	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	45683	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	24174	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	47611	5.00	ng	0.02
24) Chrysene-d12	21.75	240	56137	5.00	ng	0.00
31) Perylene-d12	24.11	264	44712	5.00	ng	0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.68	112	22696	9.42	ng	0.00
5) Phenol-d6	7.34	99	31794	9.88	ng	-0.02
8) Nitrobenzene-d5	9.34	82	13971	4.26	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	7039	9.40	ng	-0.01
14) 2-Fluorobiphenyl	13.44	172	30304	4.09	ng	0.00
26) Terphenyl-d14	20.17	244	32721	3.94	ng	0.00

Target Compounds

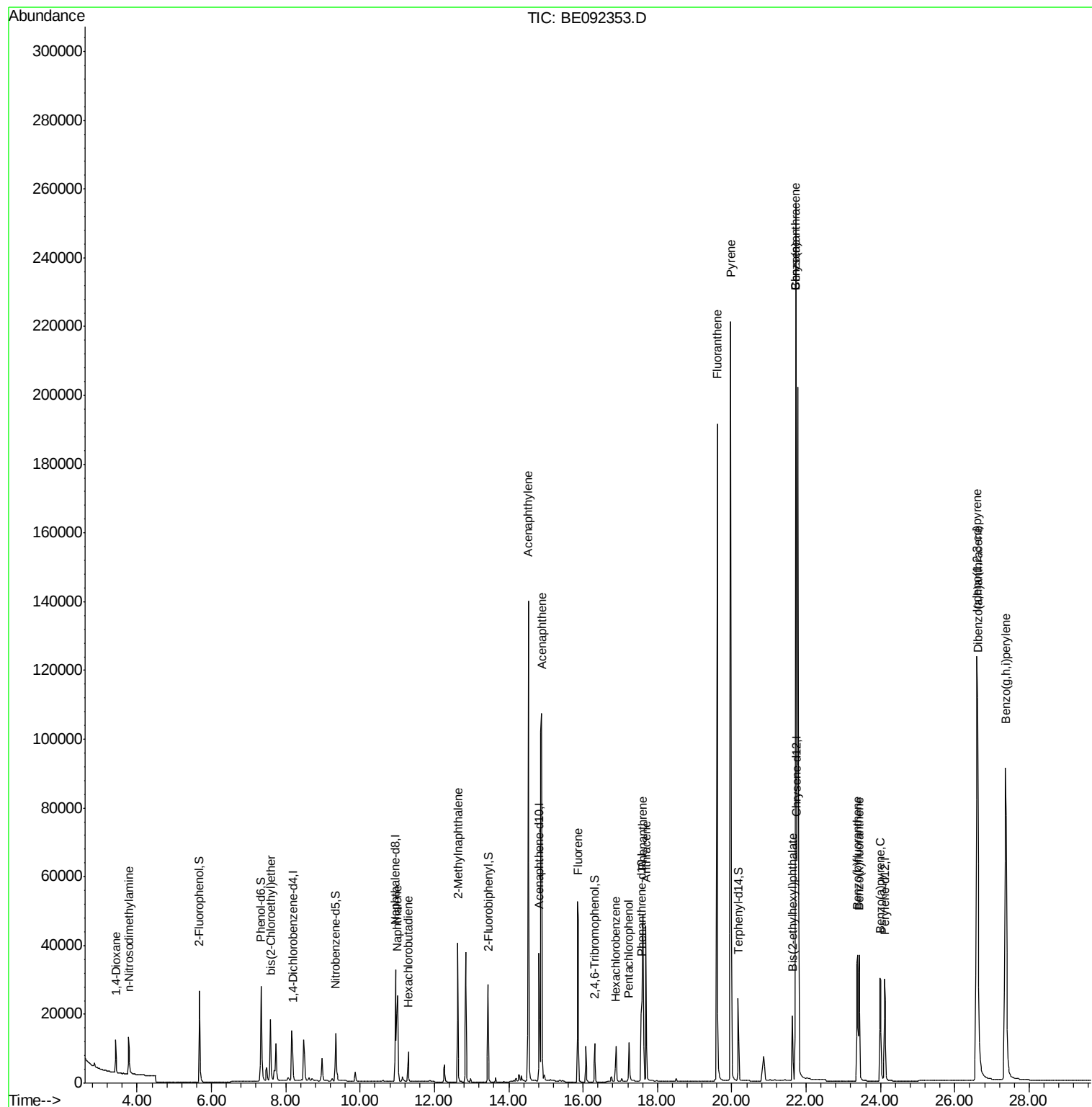
						Qvalue
2) 1,4-Dioxane	3.42	88	5329	4.29	ng	# 84
3) n-Nitrosodimethylamine	3.77	42	8399	5.20	ng	# 99
6) bis(2-Chloroethyl)ether	7.59	93	14518	4.71	ng	90
9) Naphthalene	11.01	128	44469	4.35	ng	# 94
10) Hexachlorobutadiene	11.30	225	6844	4.29	ng	100
11) 2-Methylnaphthalene	12.62	142	30526	4.56	ng	97
15) Acenaphthylene	14.53	152	192375	4.62	ng	100
16) Acenaphthene	14.88	154	28423	4.22	ng	95
17) Fluorene	15.87	166	36856	4.36	ng	100
19) Hexachlorobenzene	16.89	284	10905	4.78	ng	# 64
20) Pentachlorophenol	17.23	266	8881	7.16	ng	85
21) Phenanthrene	17.60	178	60130	4.49	ng	# 94
22) Anthracene	17.70	178	58027	4.87	ng	99
23) Fluoranthene	19.61	202	246819	4.23	ng	99
25) Pyrene	19.97	202	256917	4.70	ng	99
27) Benzo(a)anthracene	21.72	228	492168	8.12	ng	# 89
28) Chrysene	21.72	228	494608	8.93	ng	# 69
29) Bis(2-ethylhexyl)phthalate	21.63	149	25644	3.05	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.60	276	264285	4.14	ng	98
32) Benzo(b)fluoranthene	23.38	252	60262	5.25	ng	# 97
33) Benzo(k)fluoranthene	23.43	252	51956	4.28	ng	94
34) Benzo(a)pyrene	23.99	252	54109	4.78	ng	94
35) Dibenzo(a,h)anthracene	26.62	278	55437	5.30	ng	94
36) Benzo(g,h,i)perylene	27.37	276	228617	5.18	ng	97

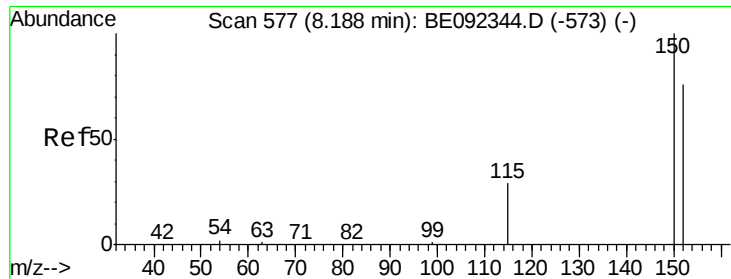
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

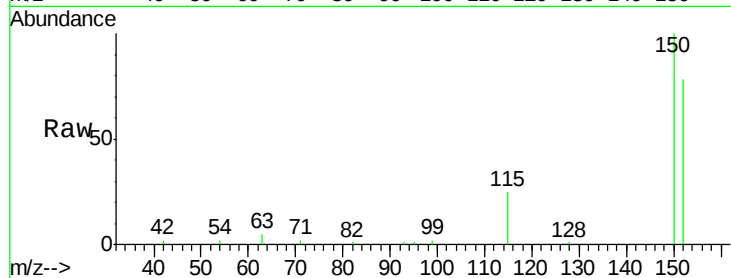
Tgt Ion:152 Resp: 10138

Ion Ratio Lower Upper

152 100

150 128.1 106.0 159.0

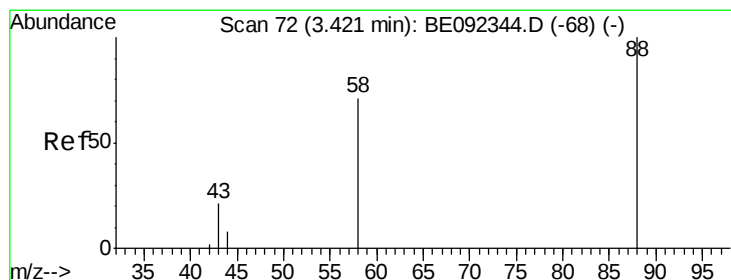
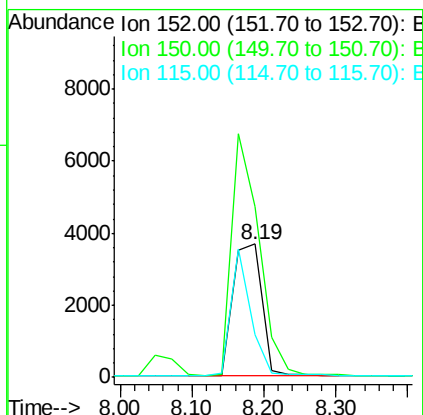
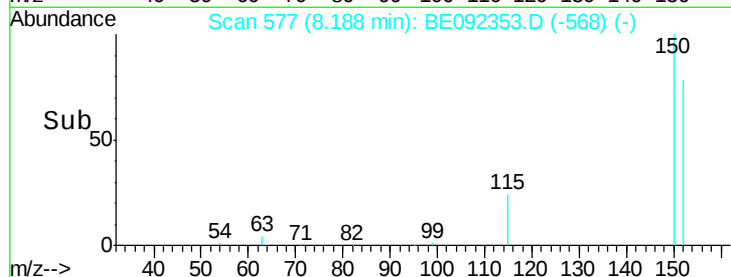
115 31.8 31.2 46.8



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: 4.29 ng

RT: 3.42 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

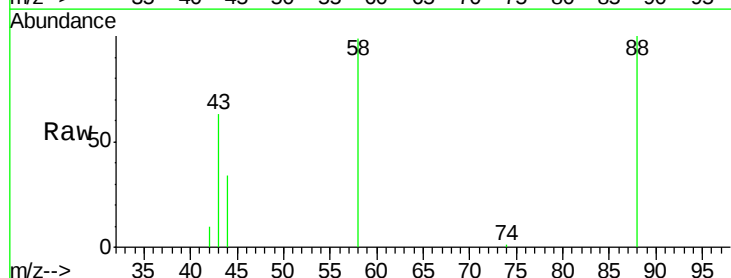
Tgt Ion: 88 Resp: 5329

Ion Ratio Lower Upper

88 100

58 90.6 63.6 95.4

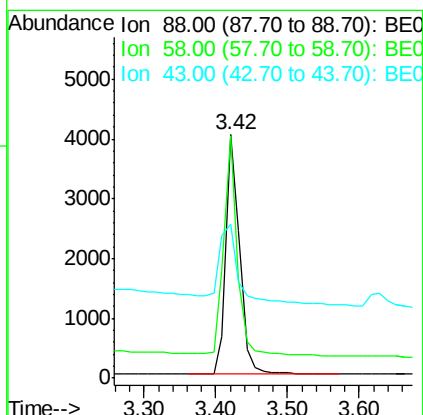
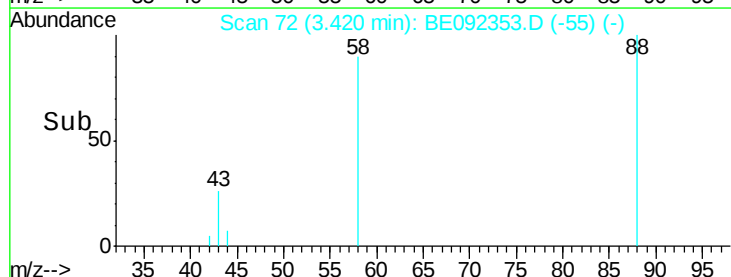
43 49.2 28.0 42.0#

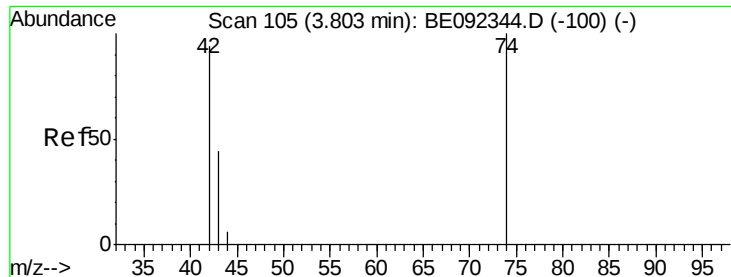


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



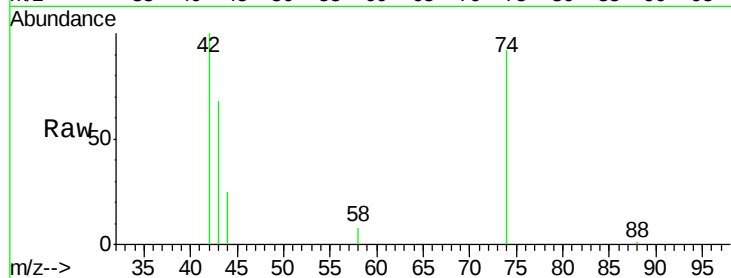


#3

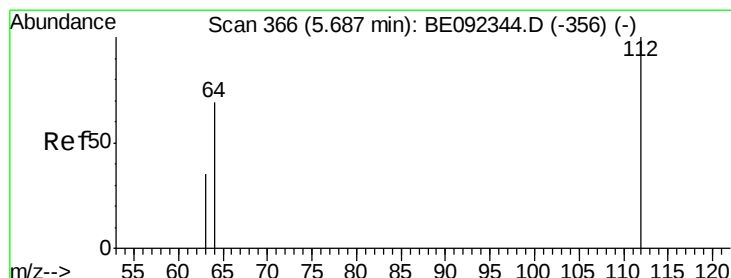
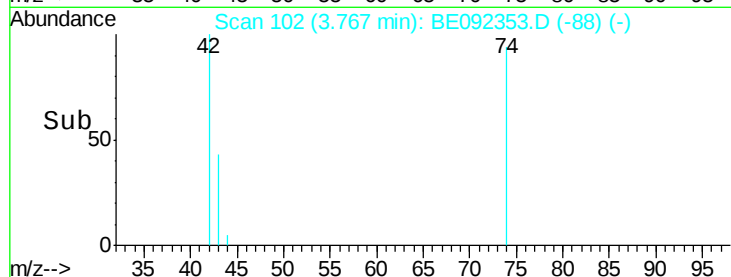
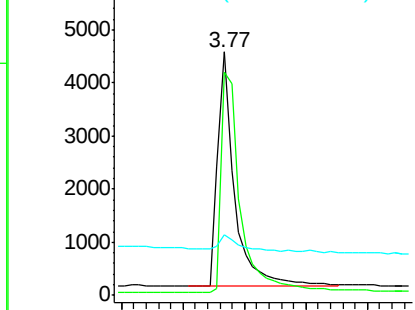
n-Nitrosodimethylamine
 Concen: 5.20 ng
 RT: 3.77 min Scan# 102
 Delta R.T. -0.03 min
 Lab File: BE092353.D
 Acq: 2 Sep 2016 21:05

Instrument :
 BNA_E
 ClientSampleId :
 PB93162BSD

Tgt Ion: 42 Resp: 8399
 Ion Ratio Lower Upper
 42 100
 74 108.2 86.0 129.0
 44 10.0 5.1 7.7#



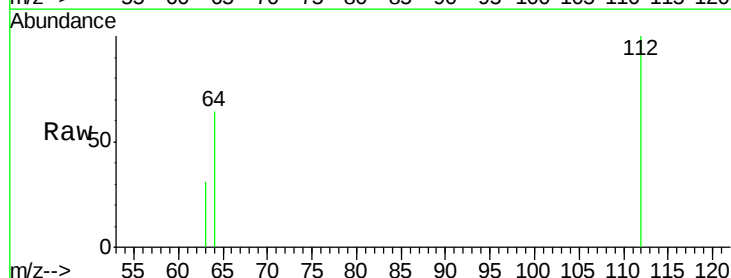
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



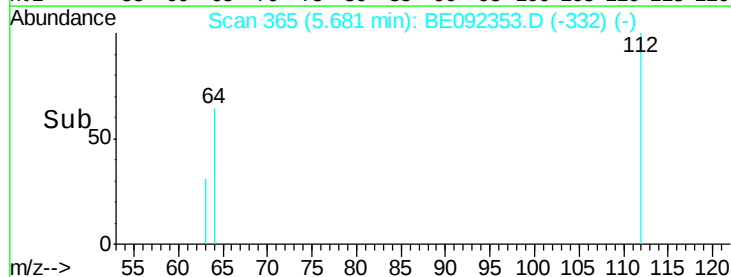
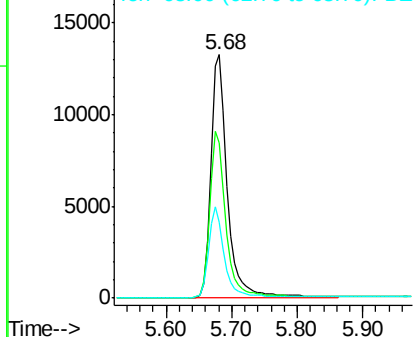
#4

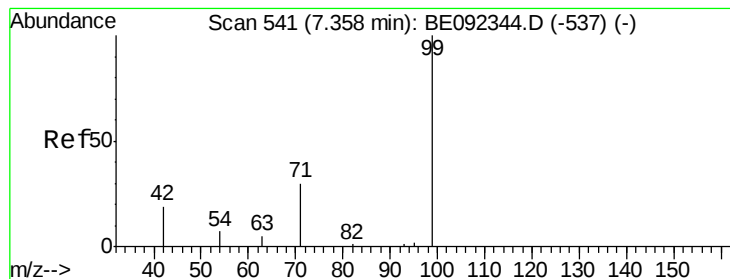
2-Fluorophenol
 Concen: 9.42 ng
 RT: 5.68 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: BE092353.D
 Acq: 2 Sep 2016 21:05

Tgt Ion: 112 Resp: 22696
 Ion Ratio Lower Upper
 112 100
 64 67.3 53.5 80.3
 63 35.9 27.9 41.9



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: 9.88 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

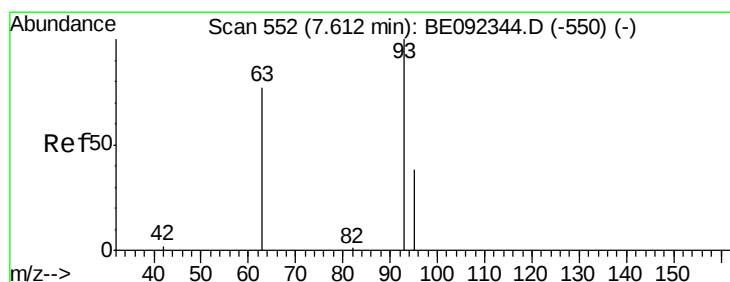
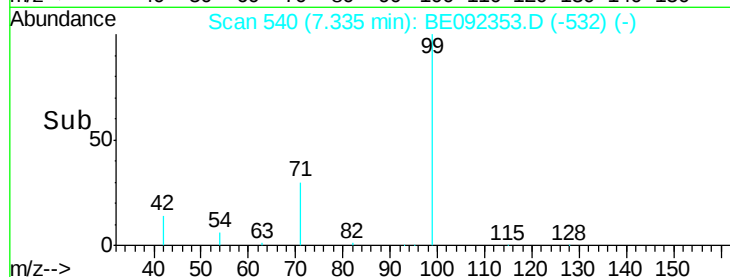
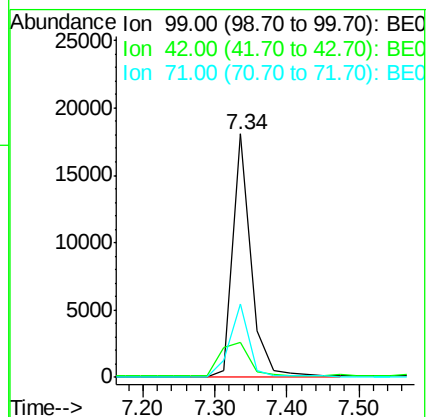
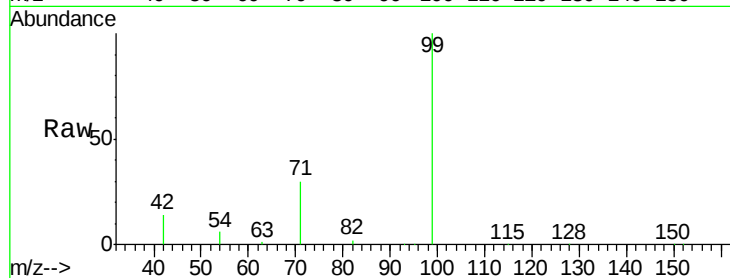
Tgt Ion: 99 Resp: 31794

Ion Ratio Lower Upper

99 100

42 22.3 16.0 24.0

71 32.1 30.6 45.8



#6

bis(2-Chloroethyl)ether

Concen: 4.71 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

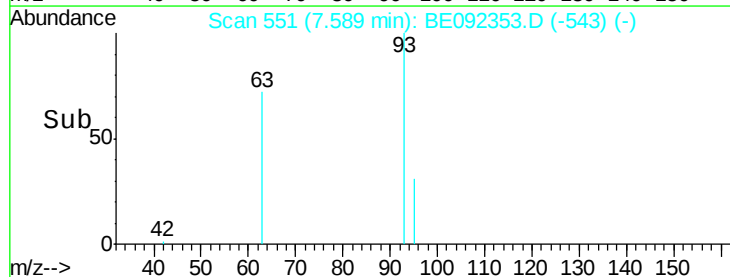
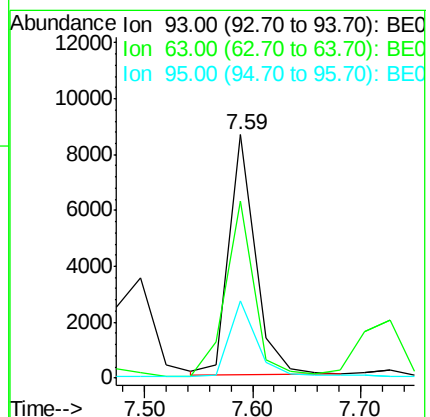
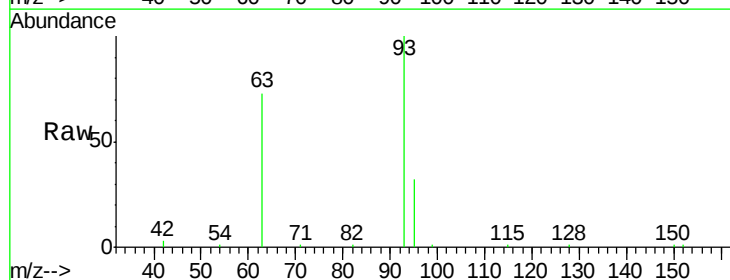
Tgt Ion: 93 Resp: 14518

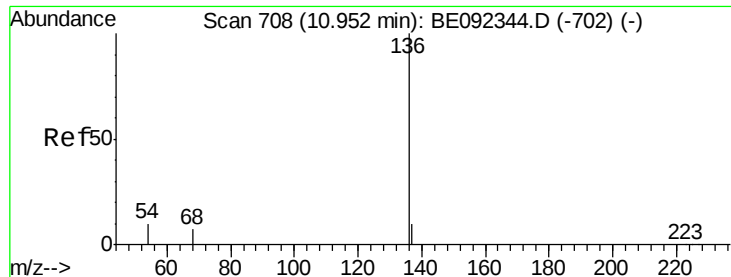
Ion Ratio Lower Upper

93 100

63 79.3 71.6 107.4

95 33.6 24.0 36.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

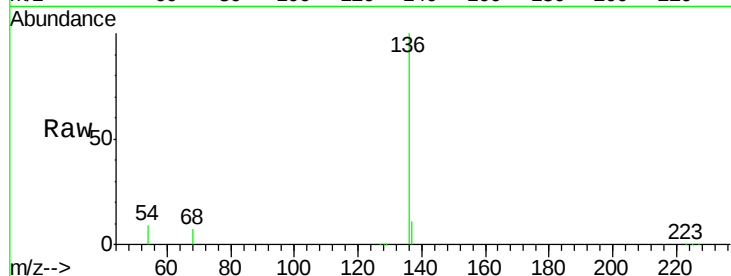
Instrument :

BNA_E

ClientSampleId :

PB93162BSD

Tgt Ion:	136	Resp:	45683
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	9.0	9.6	14.4#
68	6.6	6.7	10.1#

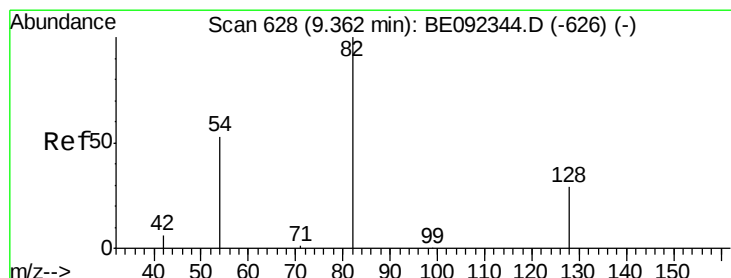
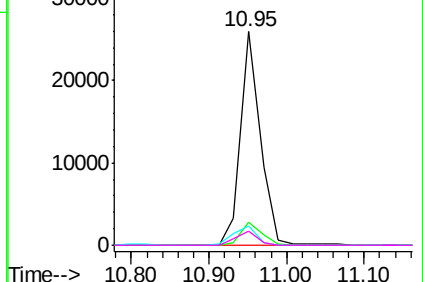
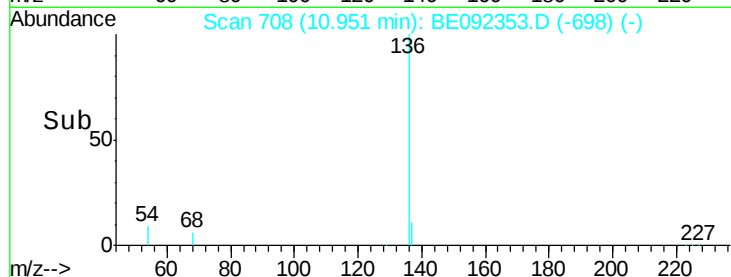


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 4.26 ng

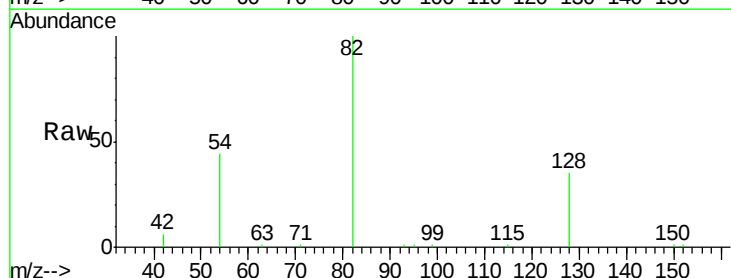
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

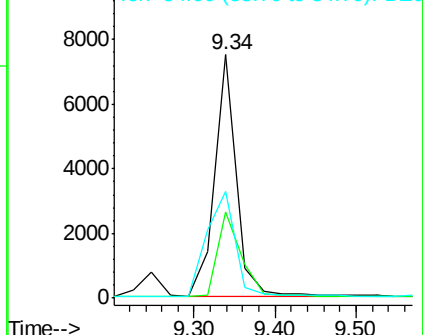
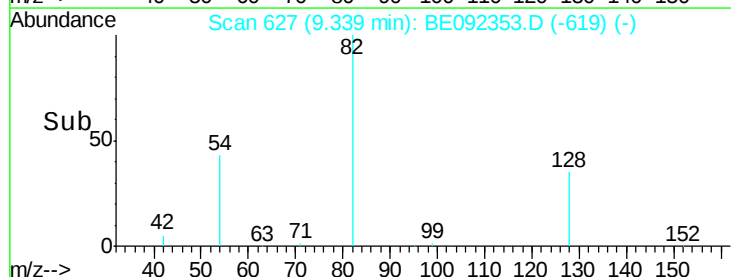
Tgt Ion:	82	Resp:	13971
Ion	Ratio	Lower	Upper
82	100		
128	35.1	39.0	58.4#
54	43.9	44.8	67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

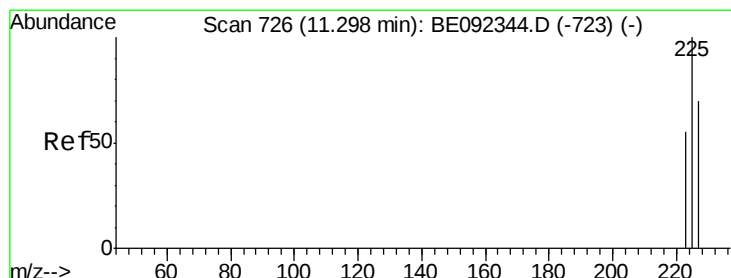
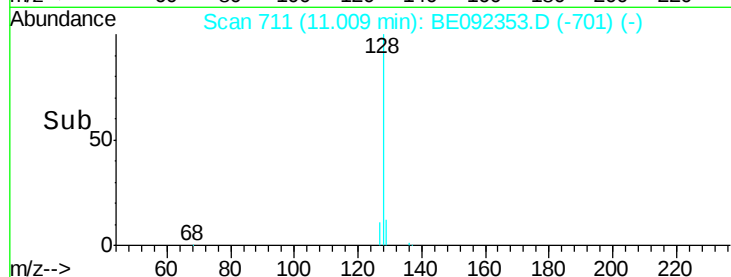
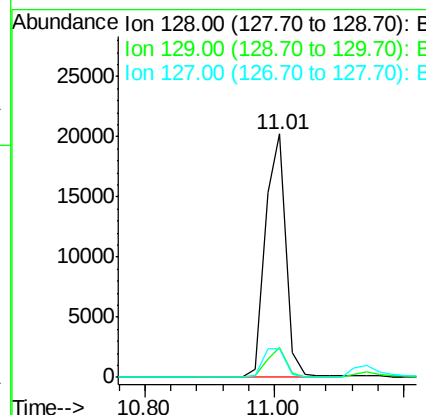
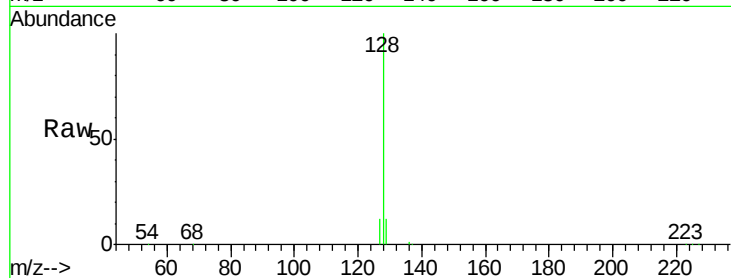




#9
Naphthalene
Concen: 4.35 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092353.D
Acq: 2 Sep 2016 21:05

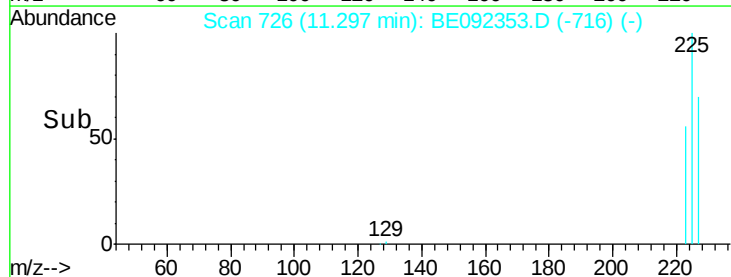
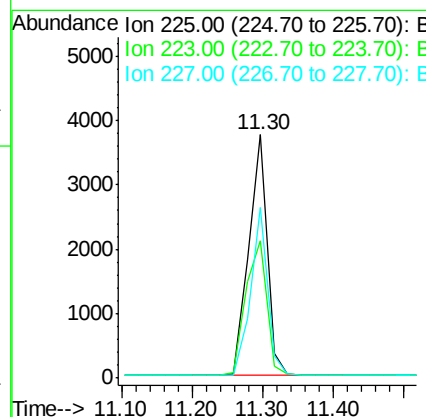
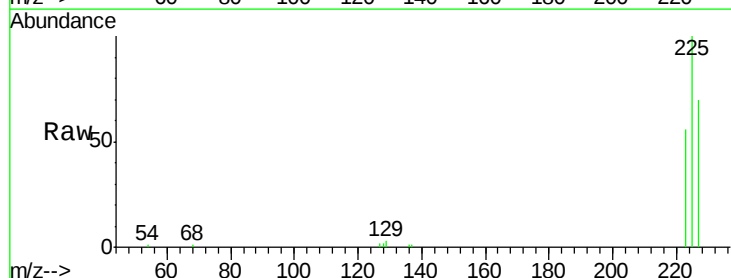
Instrument :
BNA_E
ClientSampleId :
PB93162BSD

Tgt Ion:128 Resp: 44469
Ion Ratio Lower Upper
128 100
129 12.1 11.2 16.8
127 11.5 11.6 17.4#



#10
Hexachlorobutadiene
Concen: 4.29 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092353.D
Acq: 2 Sep 2016 21:05

Tgt Ion:225 Resp: 6844
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 64.5 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.56 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

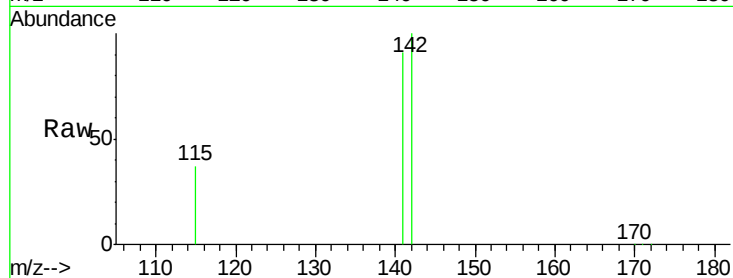
Tgt Ion:142 Resp: 30526

Ion Ratio Lower Upper

142 100

141 90.8 73.7 110.5

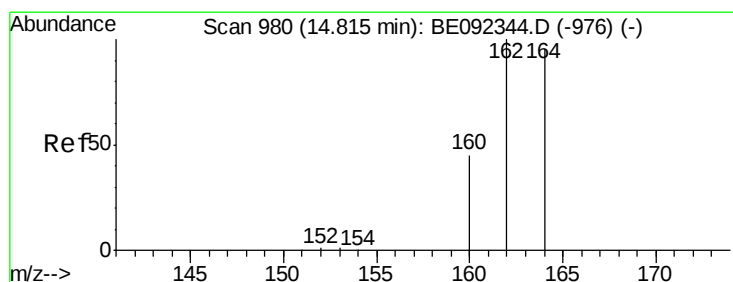
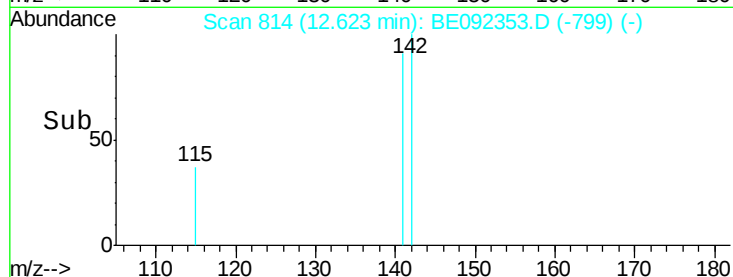
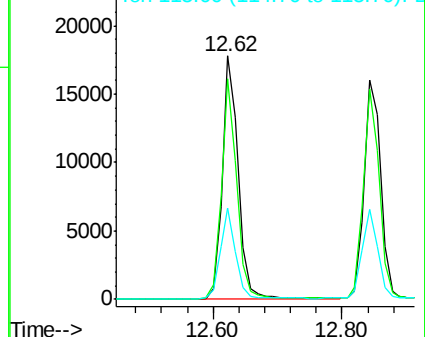
115 37.5 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

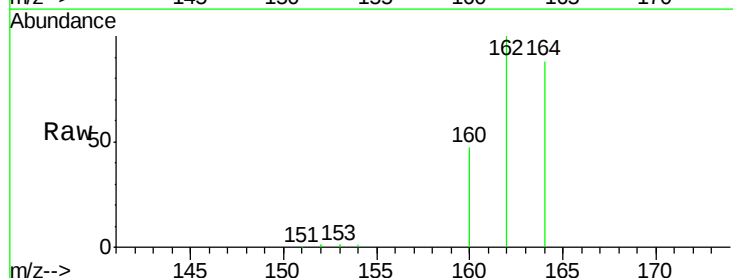
Tgt Ion:164 Resp: 24174

Ion Ratio Lower Upper

164 100

162 113.3 71.4 107.0#

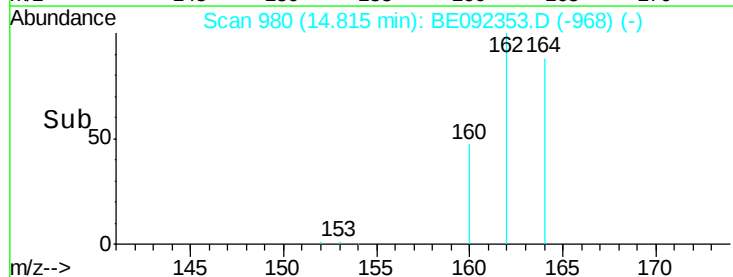
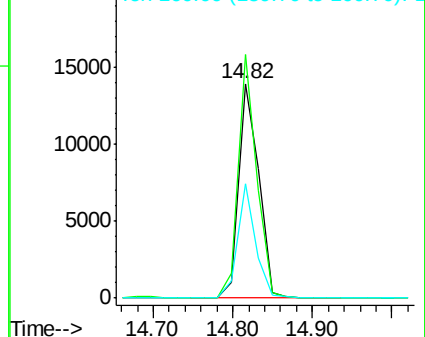
160 53.4 27.4 41.2#

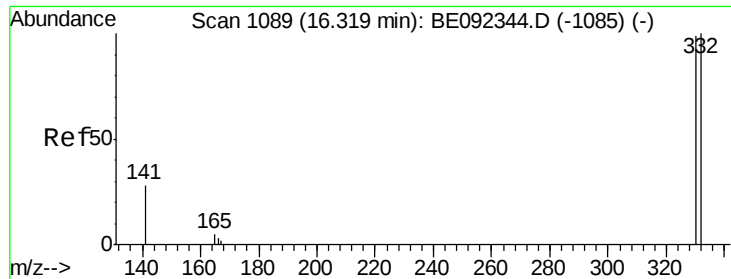


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

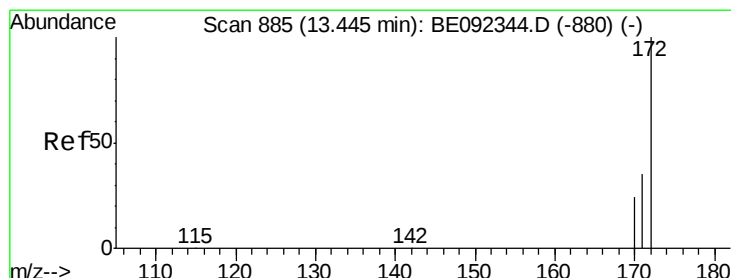
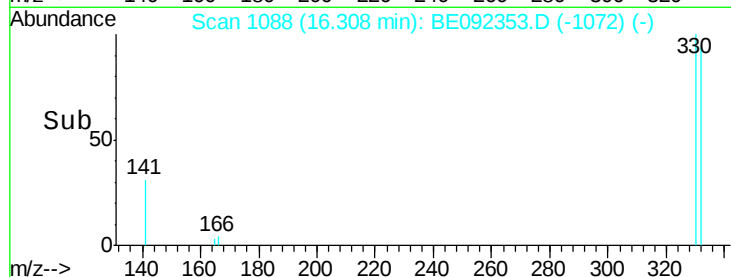
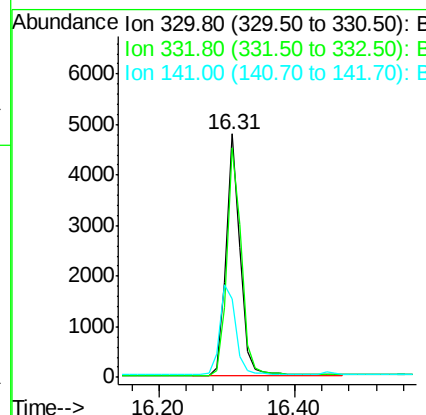
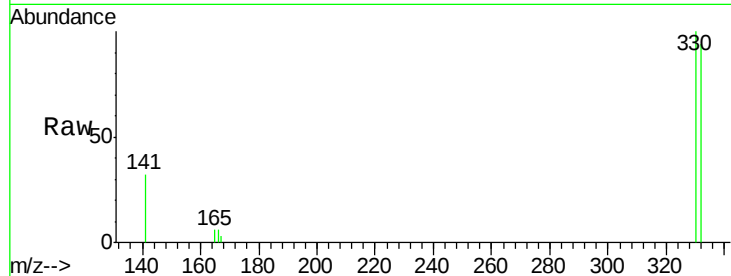




#13
 2,4,6-Tribromophenol
 Concen: 9.40 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092353.D
 Acq: 2 Sep 2016 21:05

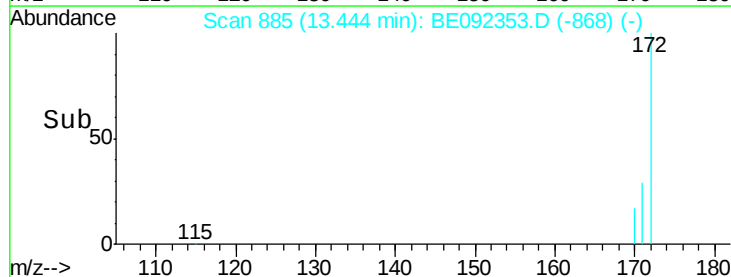
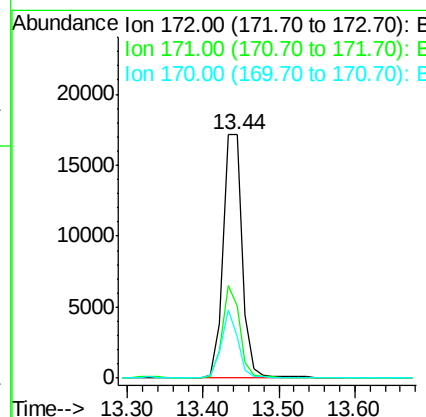
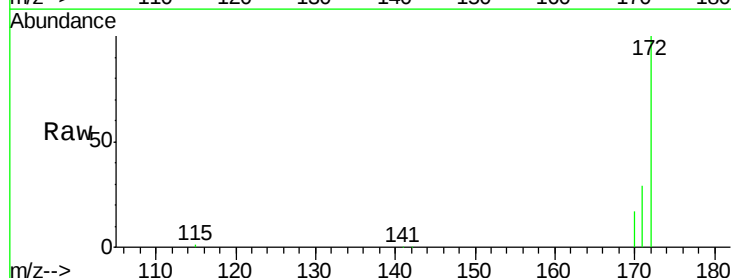
Instrument :
 BNA_E
 ClientSampleId :
 PB93162BSD

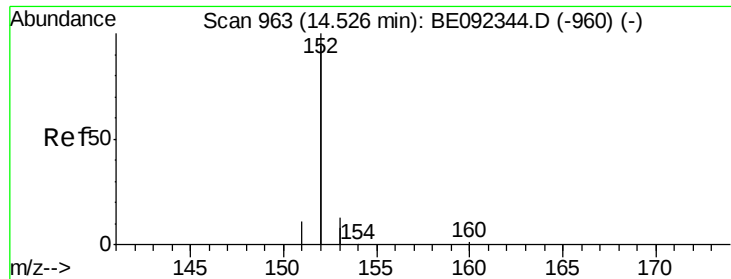
Tgt Ion:330 Resp: 7039
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.4 113.0
 141 41.6 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.09 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092353.D
 Acq: 2 Sep 2016 21:05

Tgt Ion:172 Resp: 30304
 Ion Ratio Lower Upper
 172 100
 171 29.5 30.1 45.1#
 170 17.1 21.8 32.6#





#15

Acenaphthylene

Concen: 4.62 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

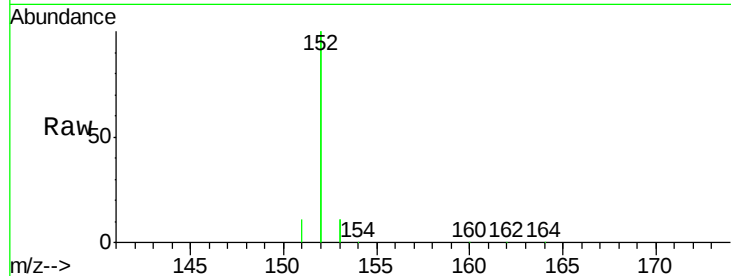
Tgt Ion:152 Resp: 192375

Ion Ratio Lower Upper

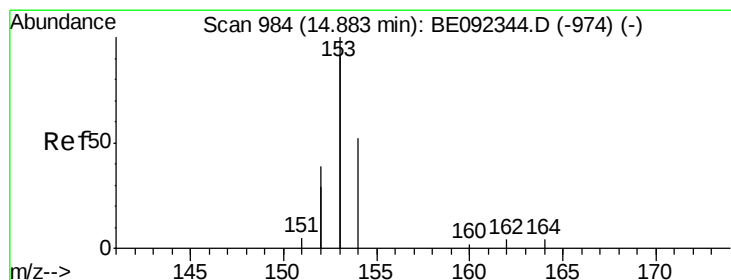
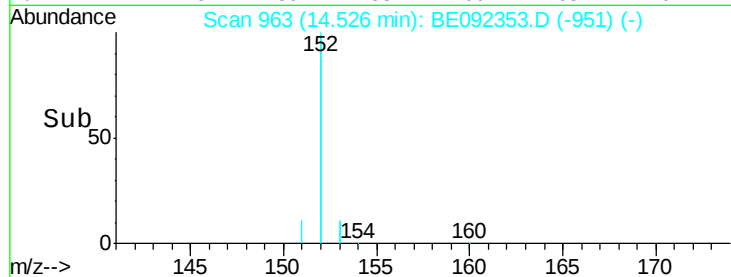
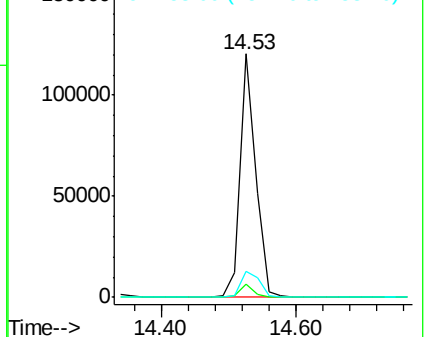
152 100

151 5.0 3.9 5.9

153 12.8 10.4 15.6



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



#16

Acenaphthene

Concen: 4.22 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

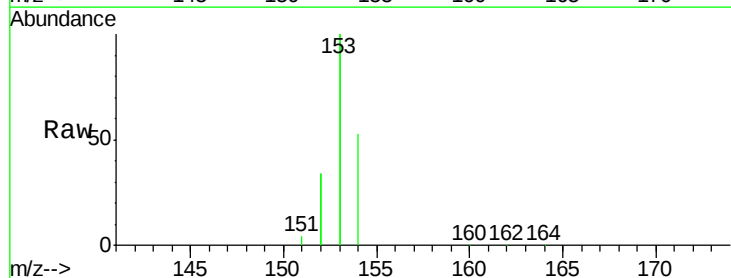
Tgt Ion:154 Resp: 28423

Ion Ratio Lower Upper

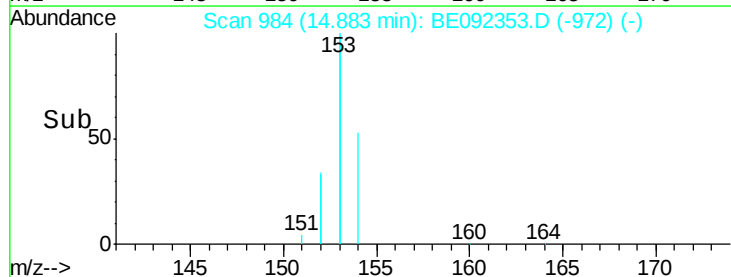
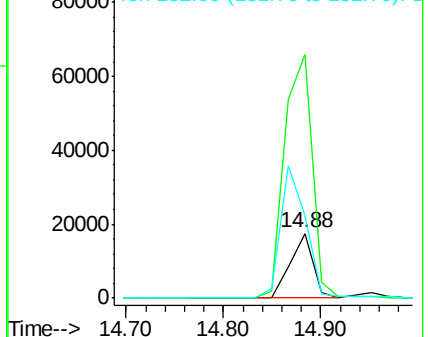
154 100

153 452.0 350.8 526.2

152 222.1 171.1 256.7



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





#17

Fluorene

Concen: 4.36 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

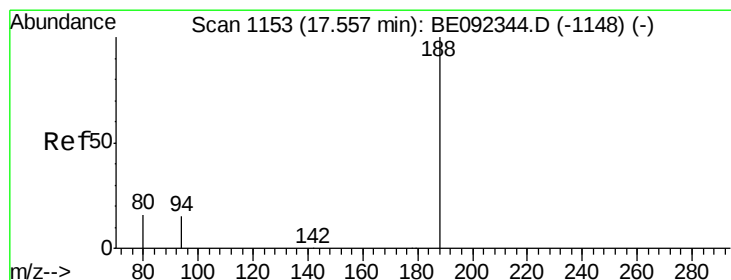
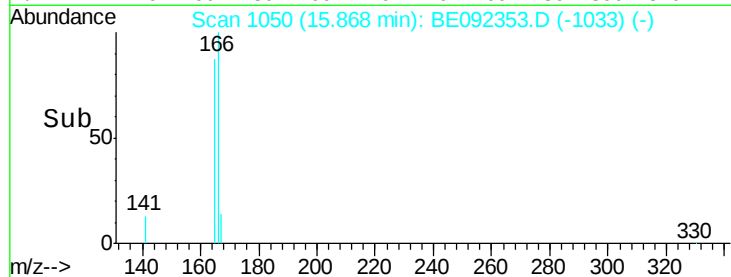
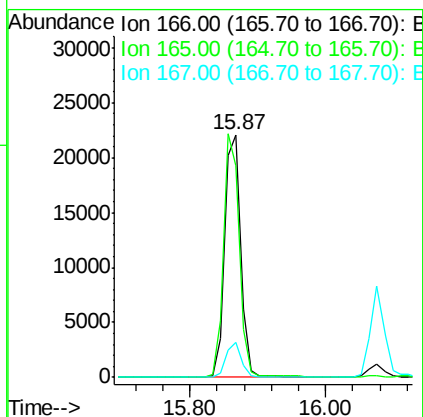
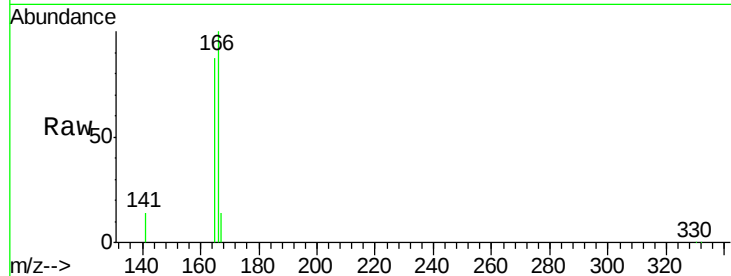
Tgt Ion:166 Resp: 36856

Ion Ratio Lower Upper

166 100

165 98.0 78.2 117.4

167 13.5 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

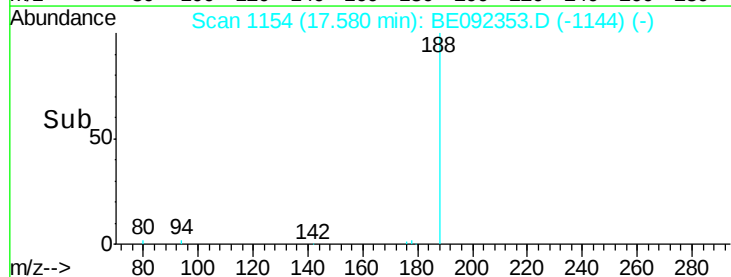
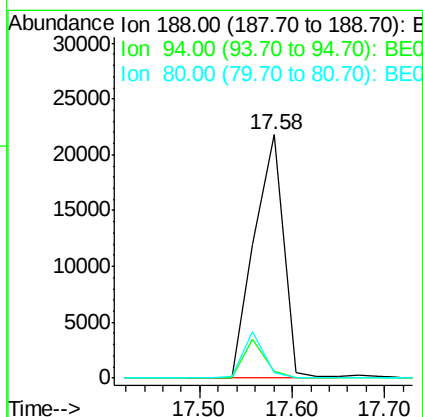
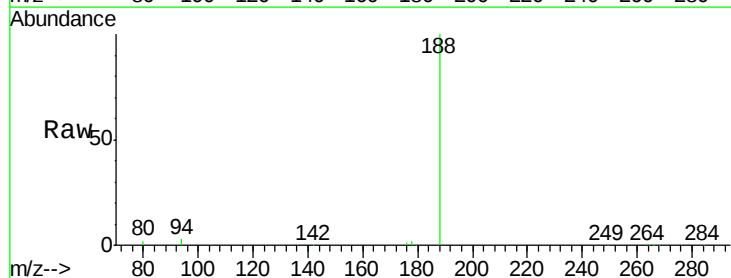
Tgt Ion:188 Resp: 47611

Ion Ratio Lower Upper

188 100

94 2.6 3.2 4.8#

80 2.0 2.6 3.8#

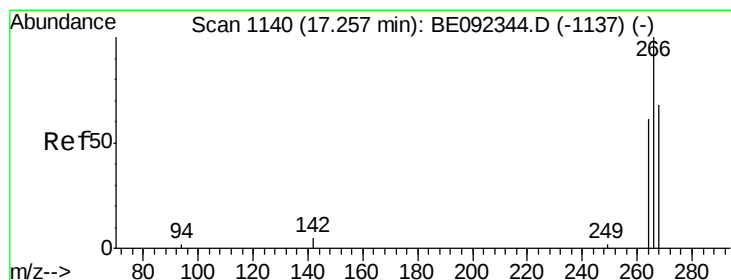
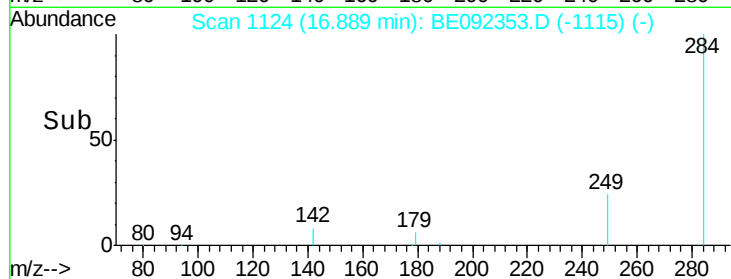
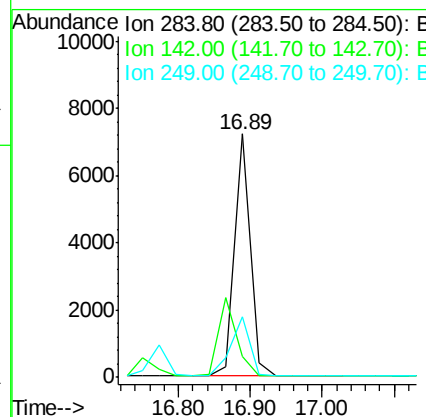
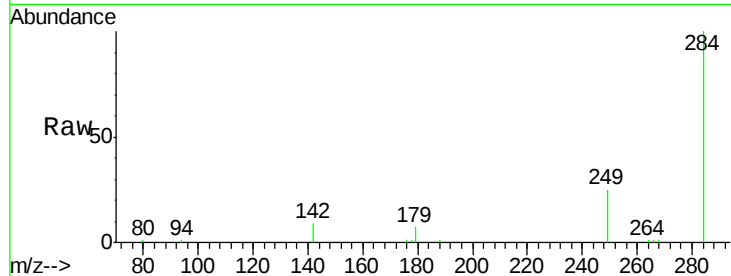




#19
Hexachlorobenzene
Concen: 4.78 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092353.D
Acq: 2 Sep 2016 21:05

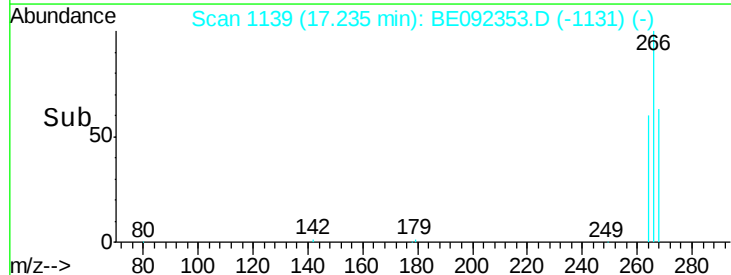
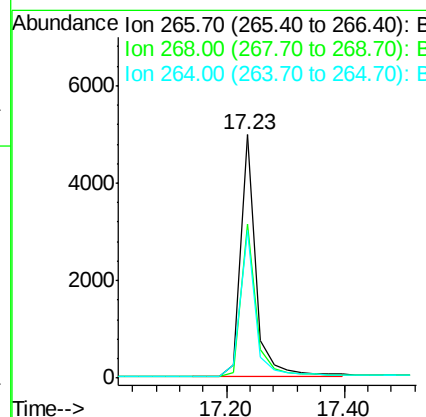
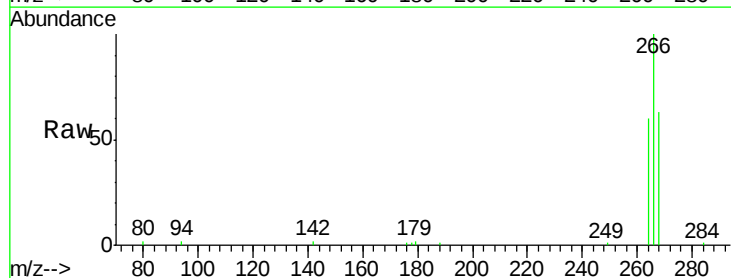
Instrument :
BNA_E
ClientSampleId :
PB93162BSD

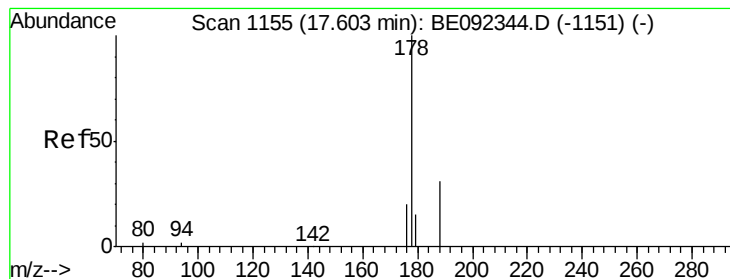
Tgt Ion:284 Resp: 10905
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 29.1 27.9 41.9



#20
Pentachlorophenol
Concen: 7.16 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092353.D
Acq: 2 Sep 2016 21:05

Tgt Ion:266 Resp: 8881
Ion Ratio Lower Upper
266 100
268 63.3 62.5 93.7
264 60.4 57.2 85.8





#21

Phenanthrene

Concen: 4.49 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

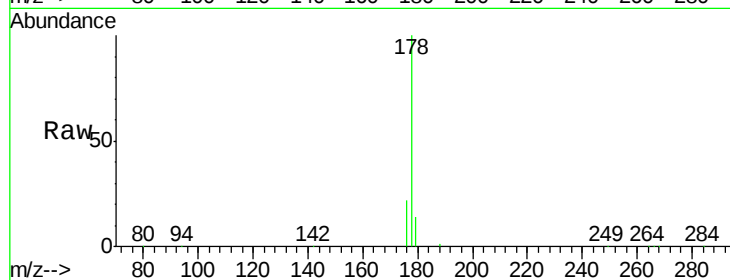
Tgt Ion:178 Resp: 60130

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

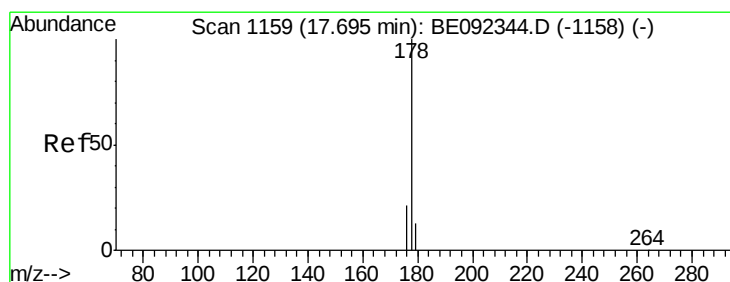
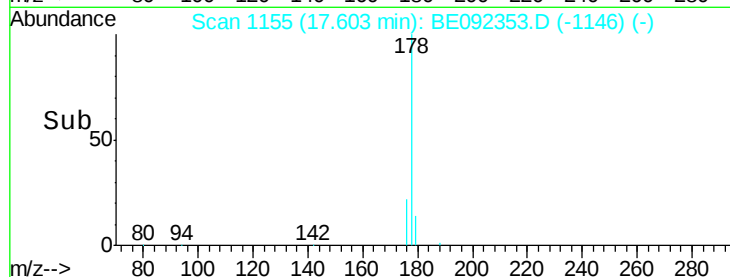
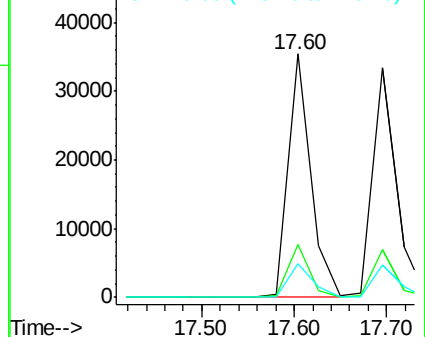
179 14.8 16.0 24.0#



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



#22

Anthracene

Concen: 4.87 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

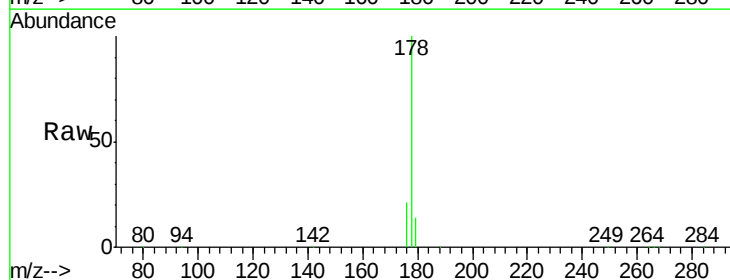
Tgt Ion:178 Resp: 58027

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

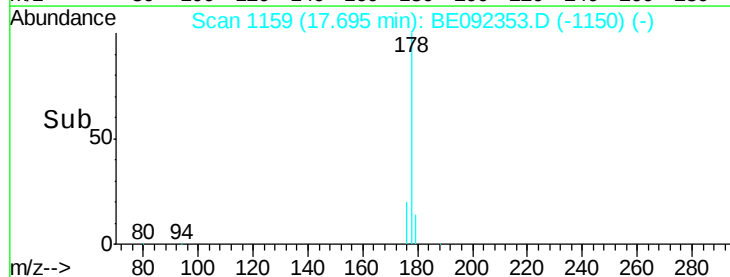
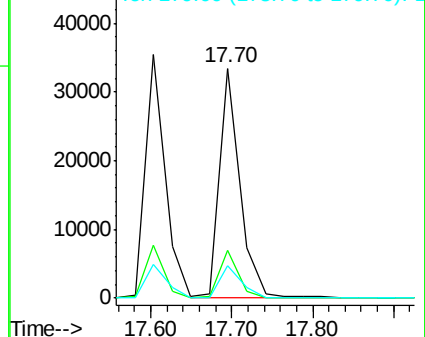
179 15.1 12.2 18.2

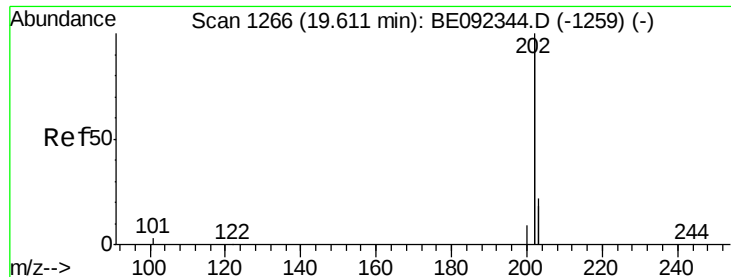


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 4.23 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

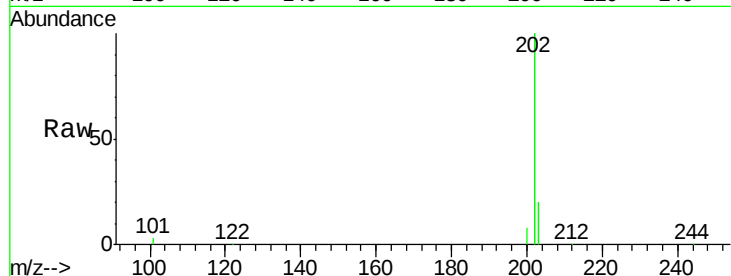
Tgt Ion: 202 Resp: 246819

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

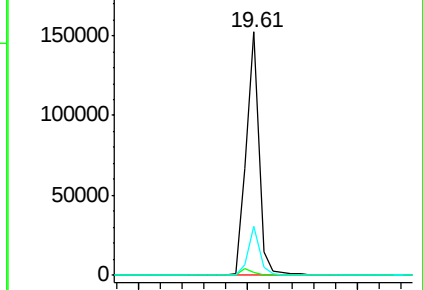
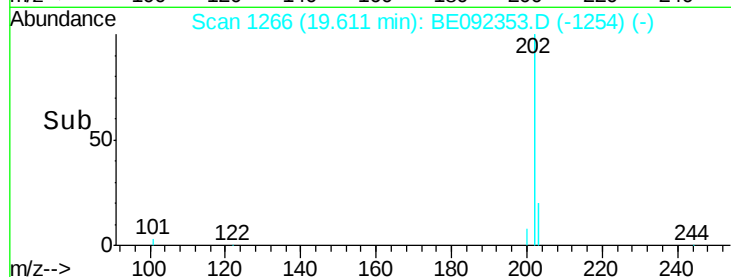
203 17.8 13.7 20.5



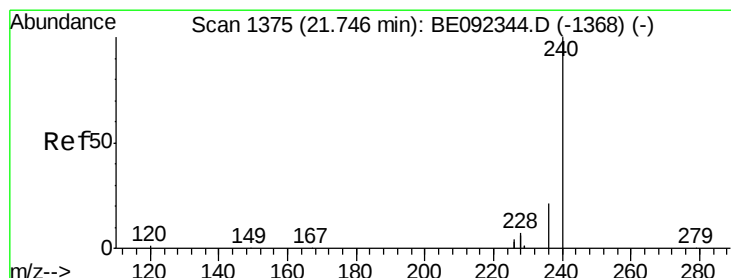
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

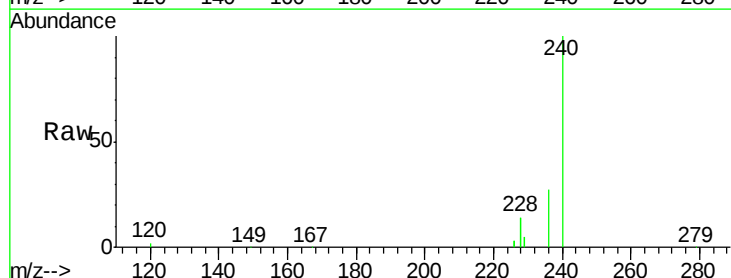
Tgt Ion: 240 Resp: 56137

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

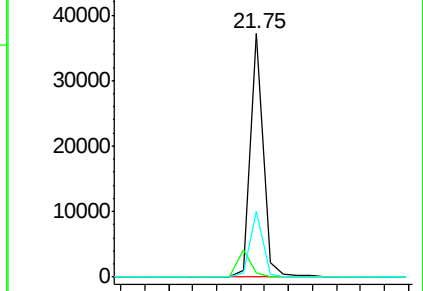
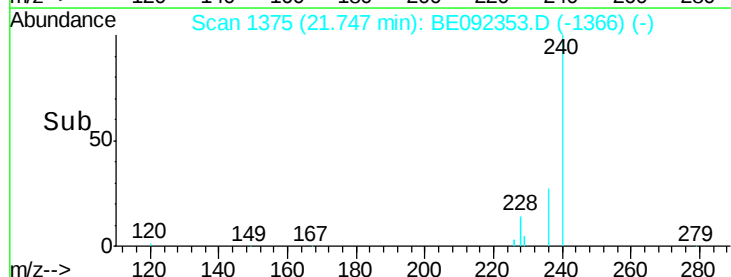
236 26.7 24.6 37.0



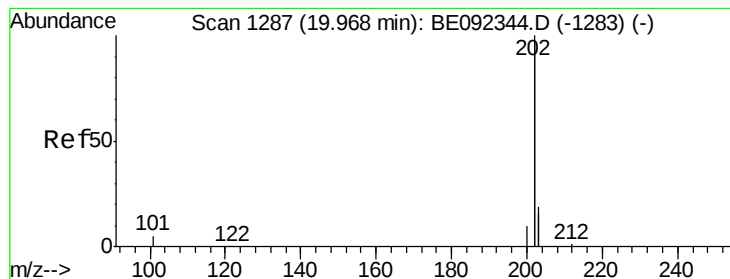
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#25

Pyrene

Concen: 4.70 ng

RT: 19.97 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

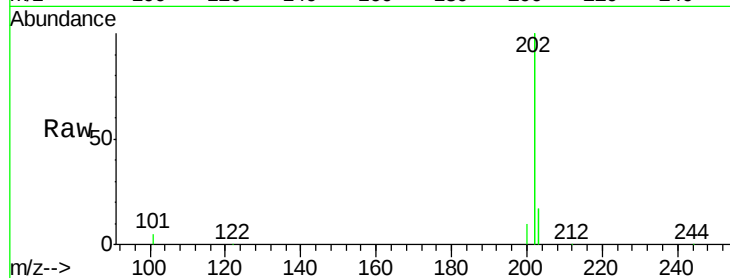
Tgt Ion: 202 Resp: 256917

Ion Ratio Lower Upper

202 100

200 5.4 4.2 6.4

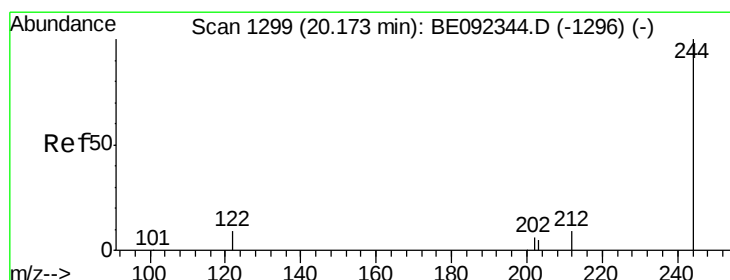
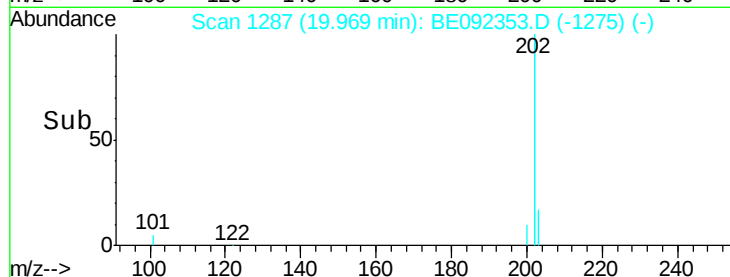
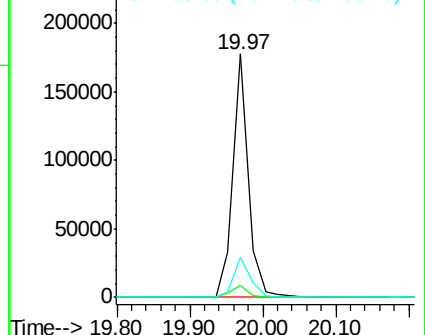
203 17.8 13.9 20.9



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



#26

Terphenyl-d14

Concen: 3.94 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

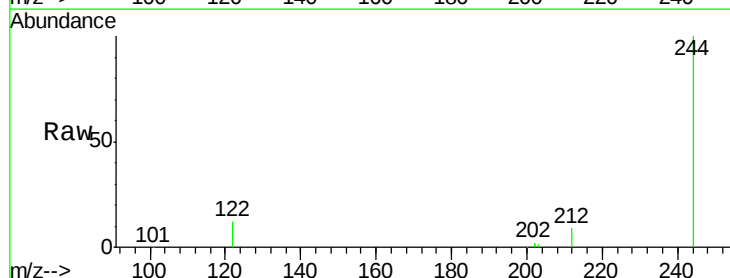
Tgt Ion: 244 Resp: 32721

Ion Ratio Lower Upper

244 100

212 9.5 6.7 10.1

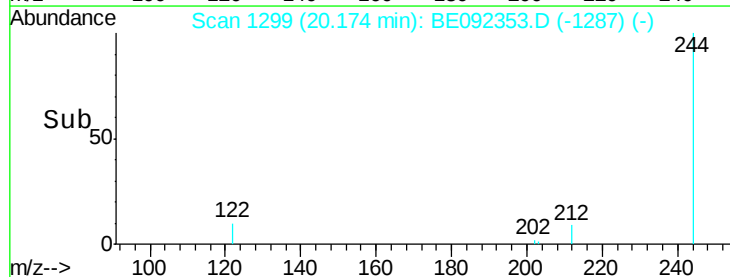
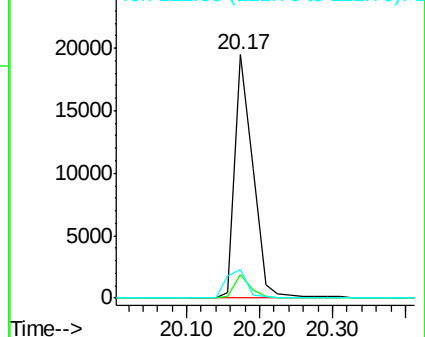
122 11.6 3.6 5.4#



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

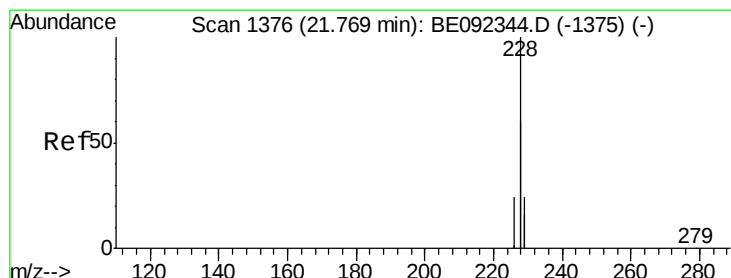
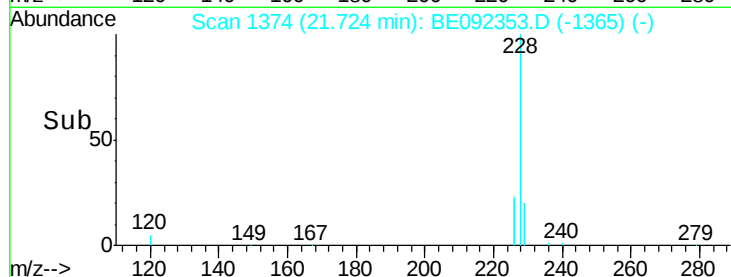
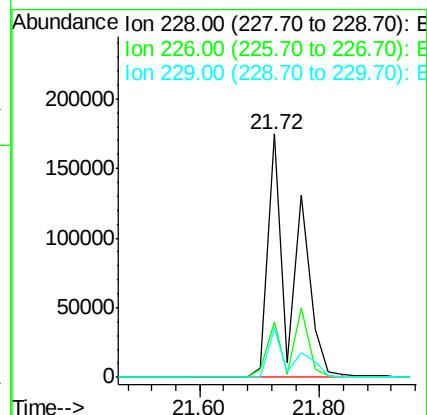
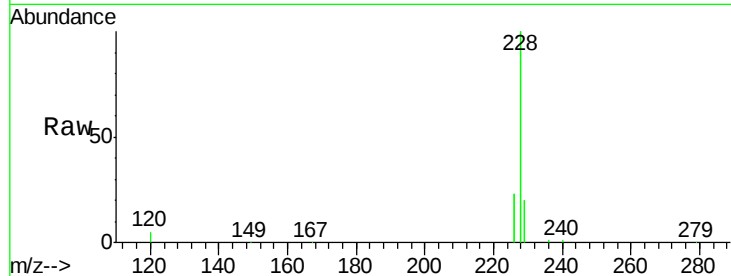




#27
Benzo(a)anthracene
Concen: 8.12 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092353.D
Acq: 2 Sep 2016 21:05

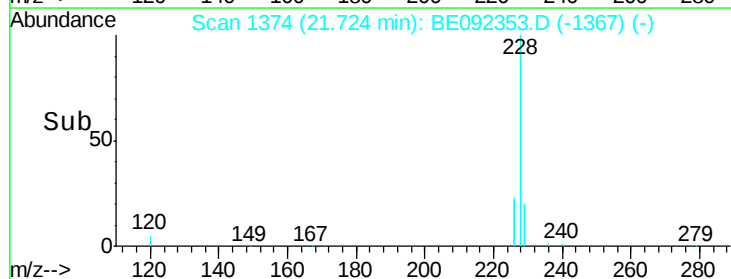
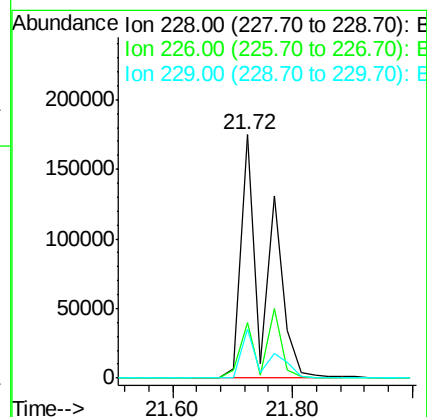
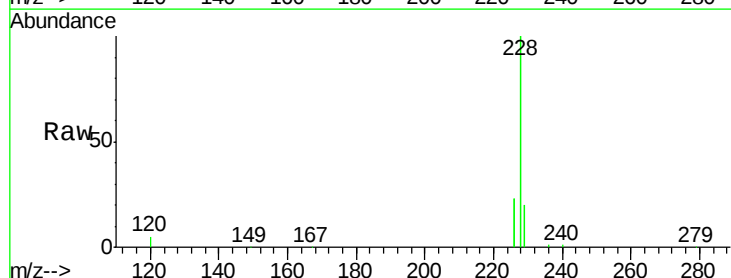
Instrument :
BNA_E
ClientSampleId :
PB93162BSD

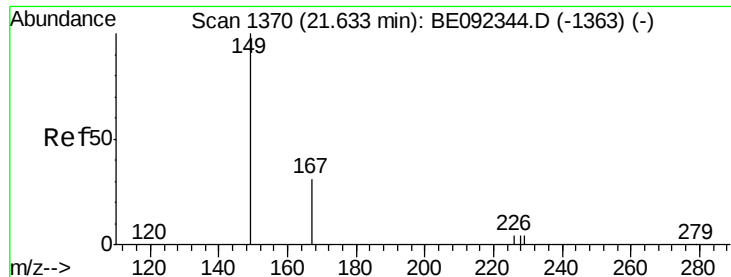
Tgt Ion:228 Resp: 492168
Ion Ratio Lower Upper
228 100
226 22.5 23.6 35.4#
229 20.3 13.3 19.9#



#28
Chrysene
Concen: 8.93 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092353.D
Acq: 2 Sep 2016 21:05

Tgt Ion:228 Resp: 494608
Ion Ratio Lower Upper
228 100
226 22.5 36.3 54.5#
229 20.3 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.05 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

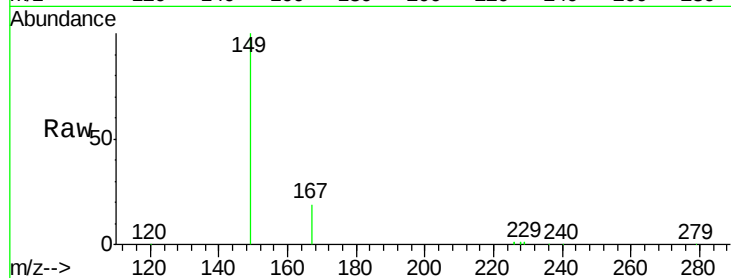
Tgt Ion:149 Resp: 25644

Ion Ratio Lower Upper

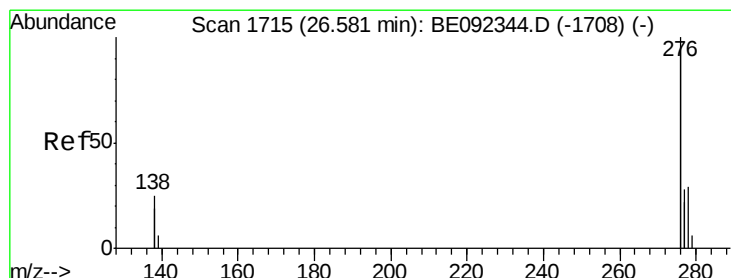
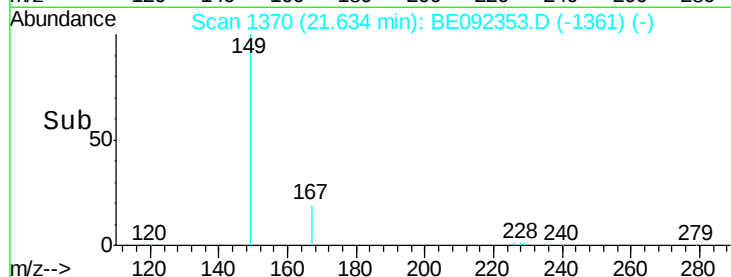
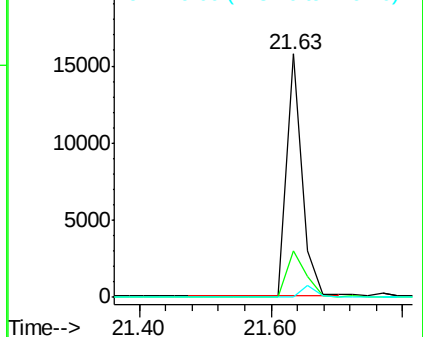
149 100

167 22.7 16.0 24.0

279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 4.14 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

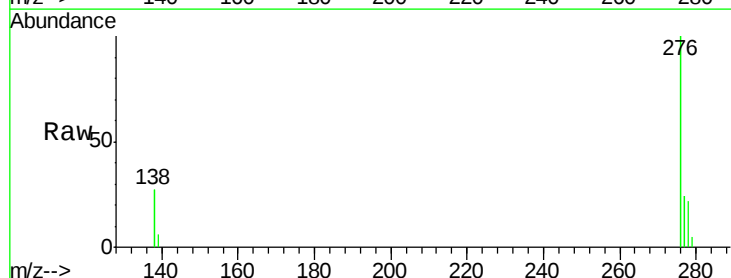
Tgt Ion:276 Resp: 264285

Ion Ratio Lower Upper

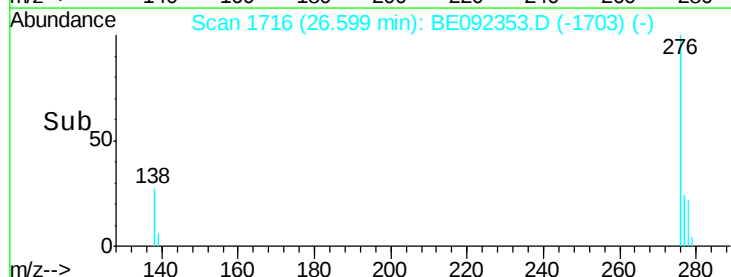
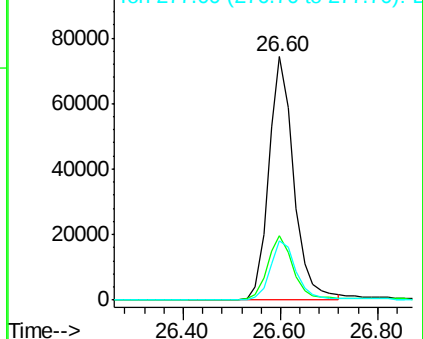
276 100

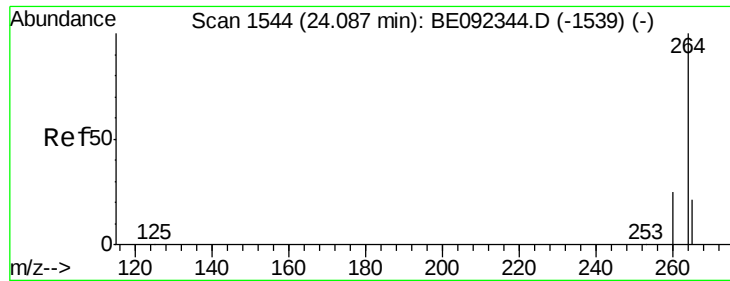
138 26.9 20.3 30.5

277 24.8 19.7 29.5



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

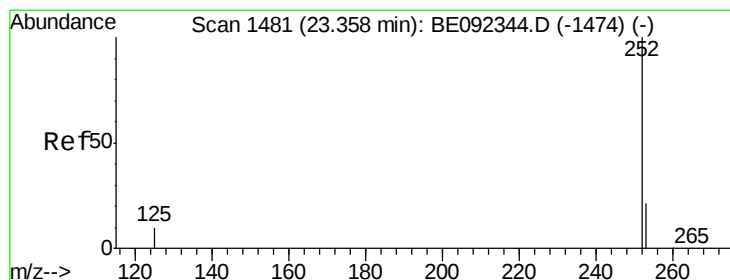
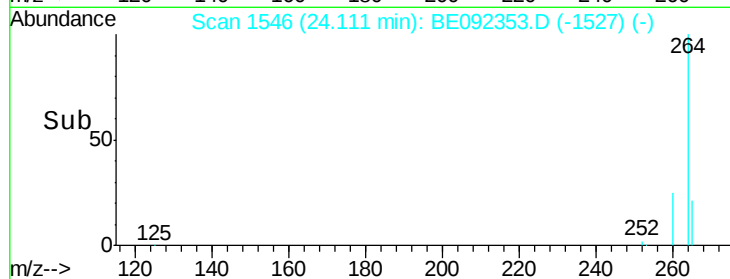
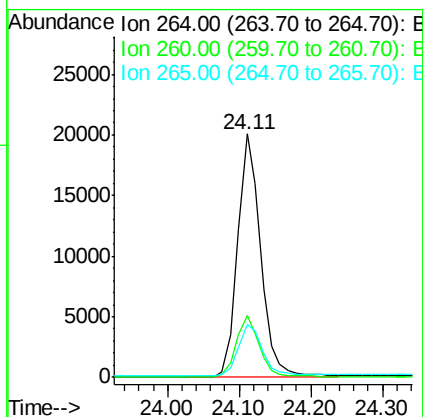
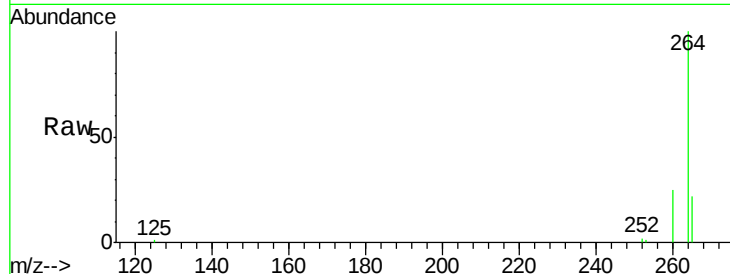




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092353.D
 Acq: 2 Sep 2016 21:05

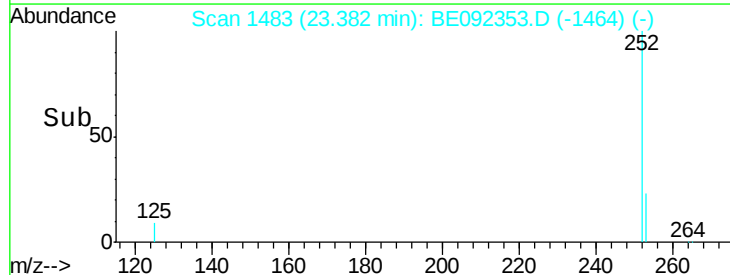
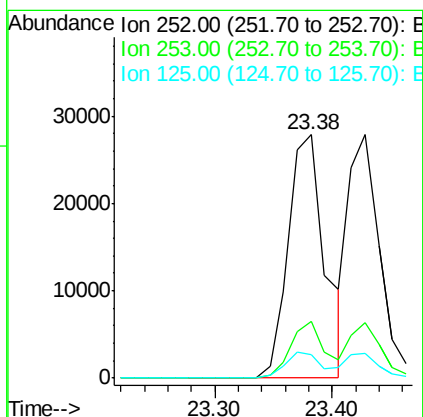
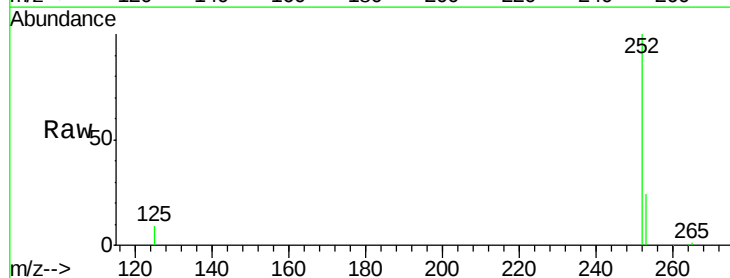
Instrument :
 BNA_E
 ClientSampleId :
 PB93162BSD

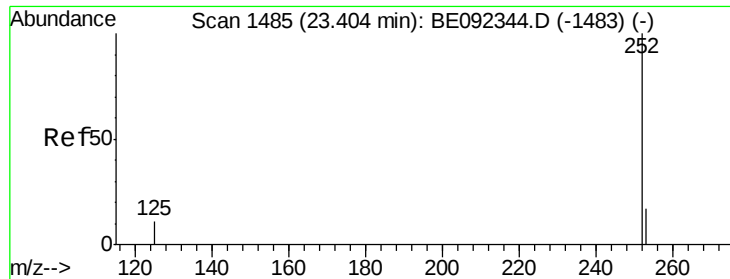
Tgt Ion: 264 Resp: 44712
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.1 30.1
 265 21.6 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 5.25 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BE092353.D
 Acq: 2 Sep 2016 21:05

Tgt Ion: 252 Resp: 60262
 Ion Ratio Lower Upper
 252 100
 253 23.6 18.7 28.1
 125 9.5 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 4.28 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

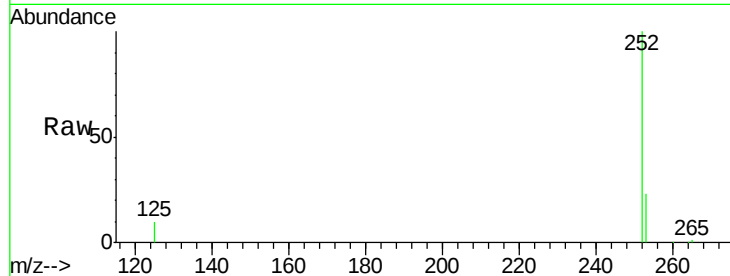
Tgt Ion:252 Resp: 51956

Ion Ratio Lower Upper

252 100

253 22.5 20.3 30.5

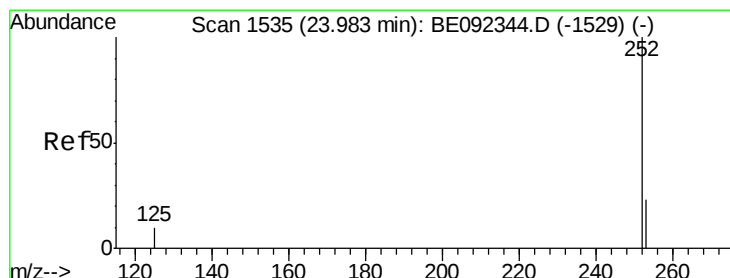
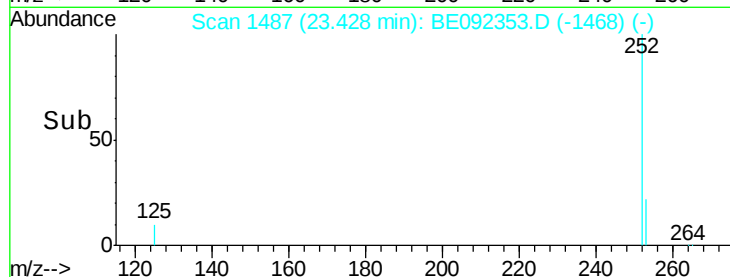
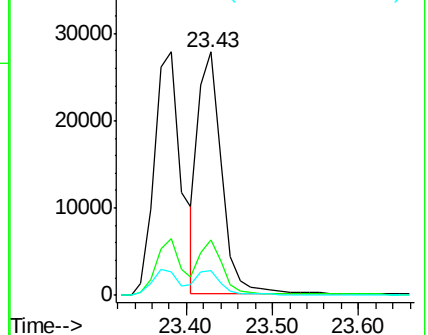
125 10.0 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 4.78 ng

RT: 23.99 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

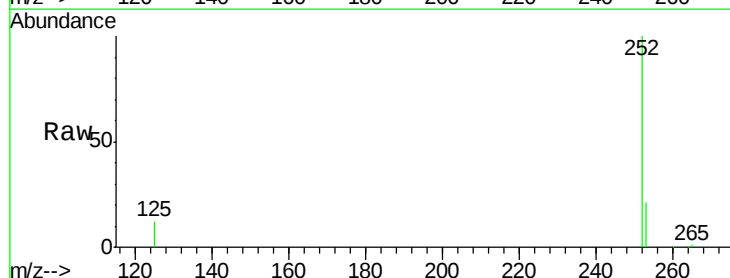
Tgt Ion:252 Resp: 54109

Ion Ratio Lower Upper

252 100

253 21.1 19.0 28.6

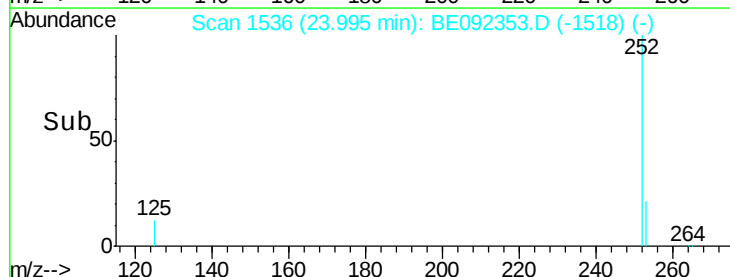
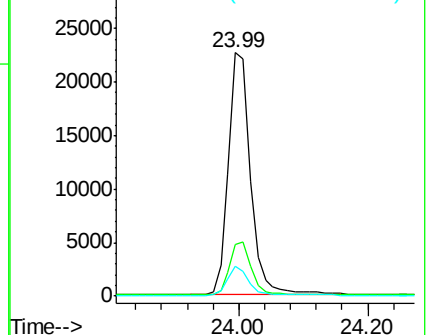
125 12.1 11.8 17.8

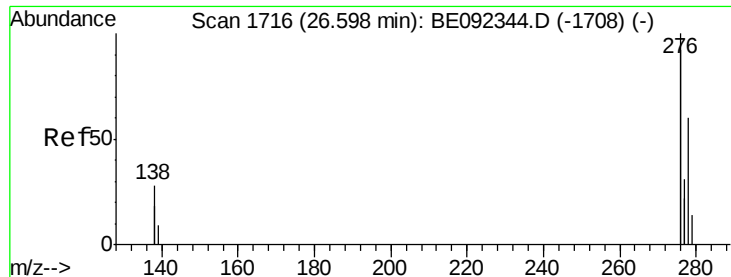


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 5.30 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.02 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

Instrument :

BNA_E

ClientSampleId :

PB93162BSD

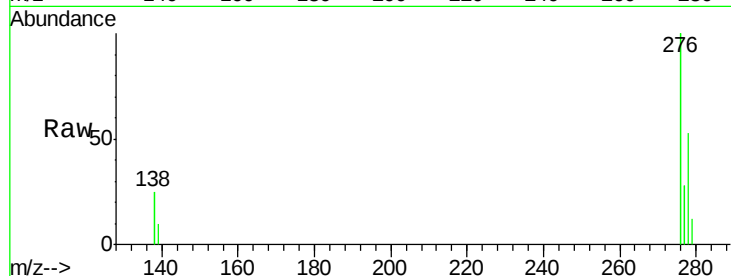
Tgt Ion:278 Resp: 55437

Ion Ratio Lower Upper

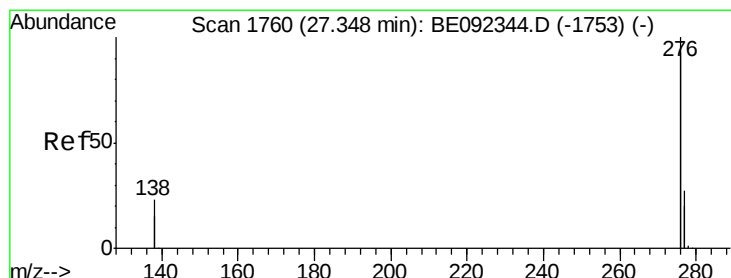
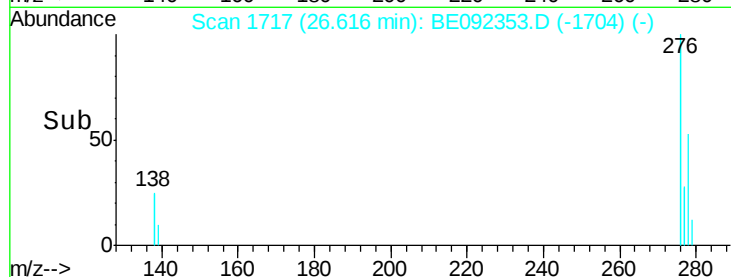
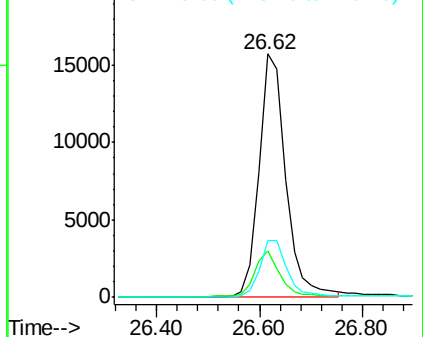
278 100

139 18.9 13.8 20.8

279 23.1 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 5.18 ng

RT: 27.37 min Scan# 1761

Delta R.T. 0.02 min

Lab File: BE092353.D

Acq: 2 Sep 2016 21:05

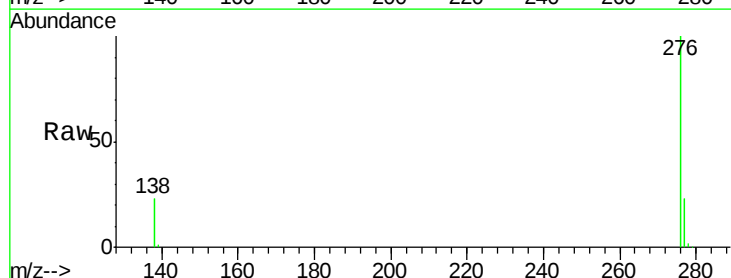
Tgt Ion:276 Resp: 228617

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.8

138 23.4 19.8 29.6



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

