

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120916\
 Data File : BE092595.D
 Acq On : 9 Dec 2016 16:03
 Operator : UM/SJ
 Sample : H5923-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Quant Time: Dec 09 23:08:17 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8132	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	37455	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24878	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	51137	5.00	ng	0.00
24) Chrysene-d12	21.72	240	83491	5.00	ng	0.00
31) Perylene-d12	24.08	264	73579	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	8436	6.14	ng	-0.02
5) Phenol-d6	7.34	99	6840	3.06	ng	-0.02
8) Nitrobenzene-d5	9.32	82	12873	5.29	ng	-0.05
13) 2,4,6-Tribromophenol	16.28	330	7159	12.83	ng	-0.02
14) 2-Fluorobiphenyl	13.42	172	33254	5.48	ng	-0.01
26) Terphenyl-d14	20.16	244	56108	5.88	ng	-0.02

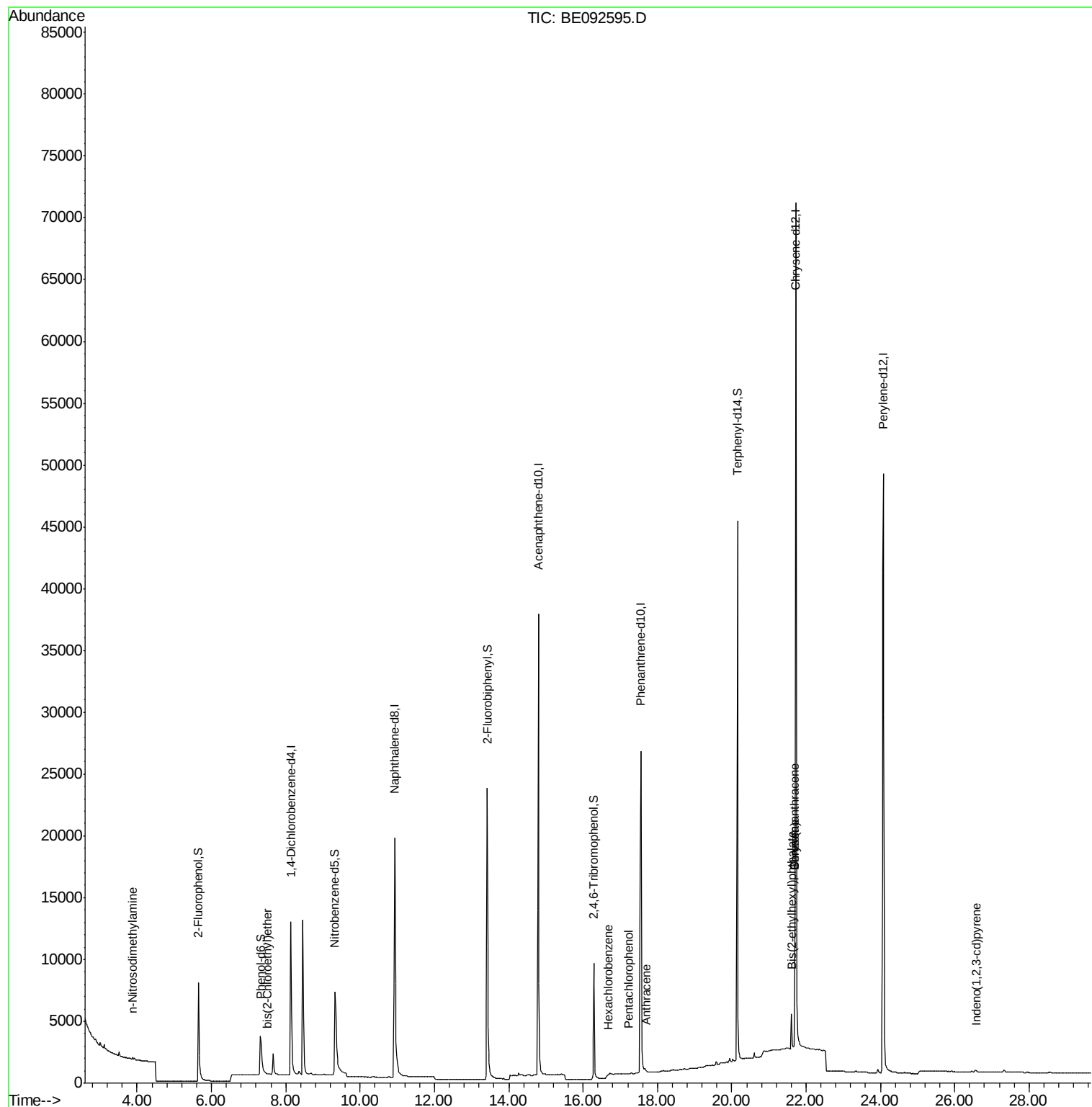
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.88	42	46	0.21	ng	# 2
6) bis(2-Chloroethyl)ether	7.50	93	17	0.05	ng	# 15
19) Hexachlorobenzene	16.68	284	409	0.20	ng	# 39
20) Pentachlorophenol	17.23	266	23	0.09	ng	# 76
22) Anthracene	17.69	178	218	0.02	ng	# 80
27) Benzo(a)anthracene	21.70	228	1636	0.12	ng	# 1
28) Chrysene	21.70	228	1693	0.02	ng	# 30
29) Bis(2-ethylhexyl)phthalate	21.61	149	3388	0.73	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.56	276	315	0.05	ng	# 92

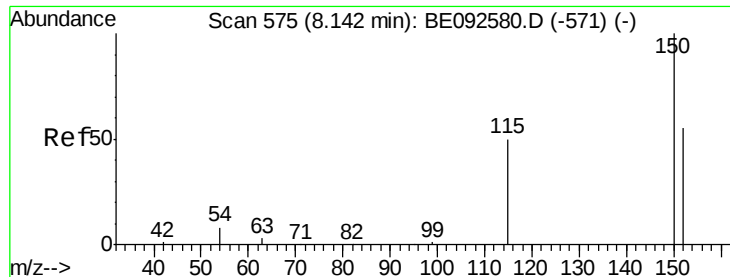
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120916\
Data File : BE092595.D
Acq On : 9 Dec 2016 16:03
Operator : UM/SJ
Sample : H5923-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-2

Quant Time: Dec 09 23:08:17 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

Instrument :

BNA_E

ClientSampleId :

MW-2

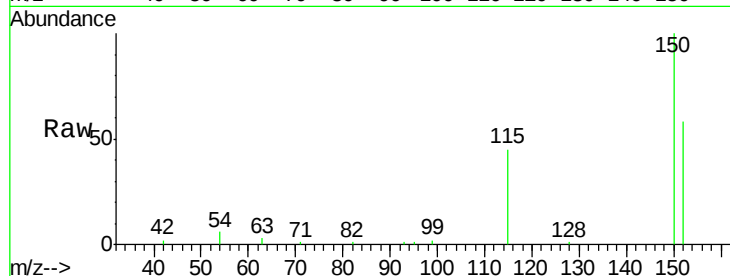
Tgt Ion:152 Resp: 8132

Ion Ratio Lower Upper

152 100

150 171.5 106.0 159.0#

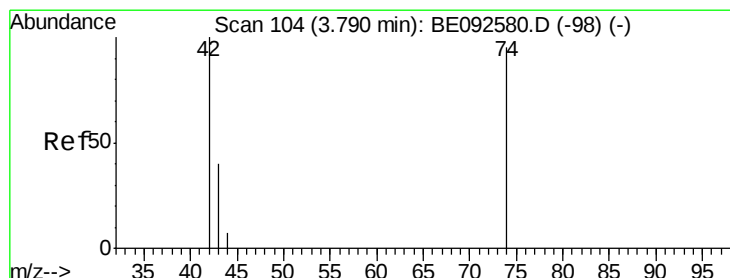
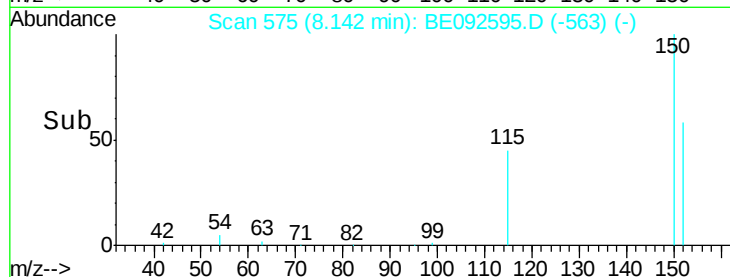
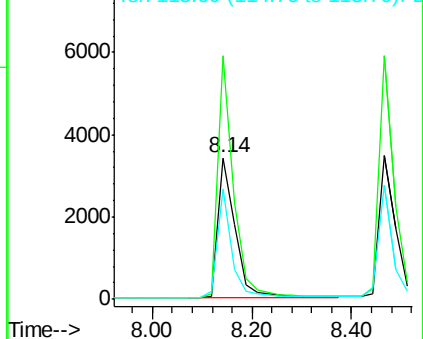
115 77.6 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.88 min Scan# 112

Delta R.T. 0.11 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

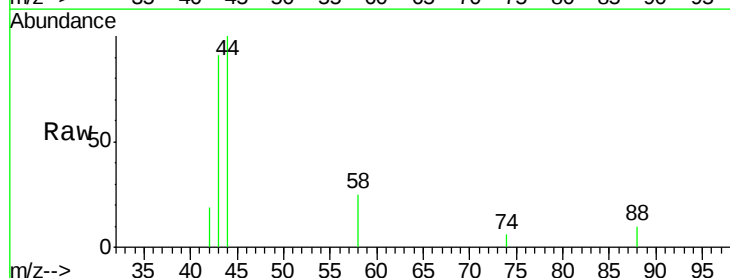
Tgt Ion: 42 Resp: 46

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

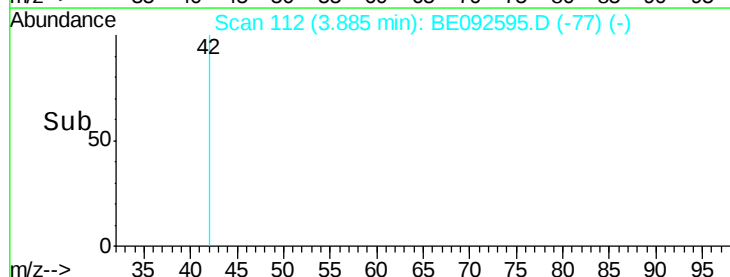
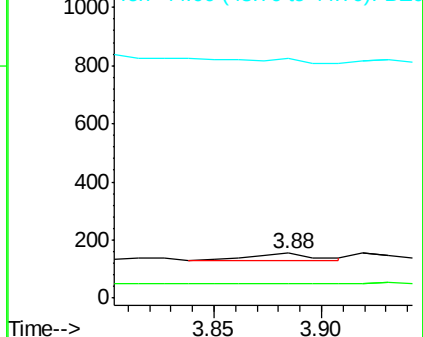
44 0.0 5.1 7.7#

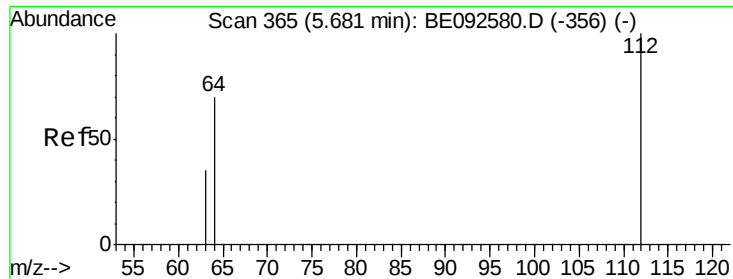


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 6.14 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.02 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

Instrument :

BNA_E

ClientSampled :

MW-2

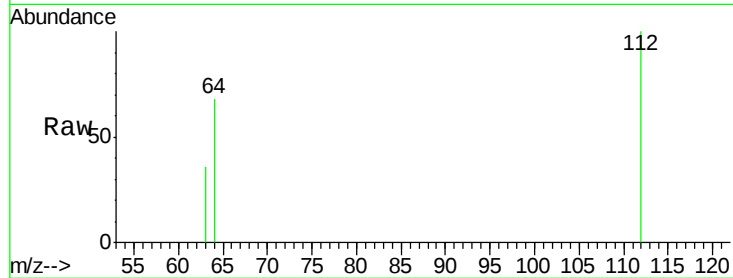
Tgt Ion: 112 Resp: 8436

Ion Ratio Lower Upper

112 100

64 68.6 53.5 80.3

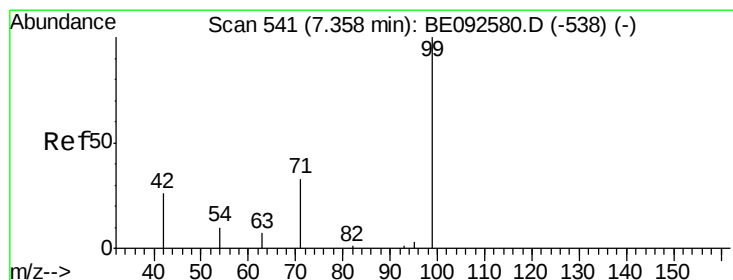
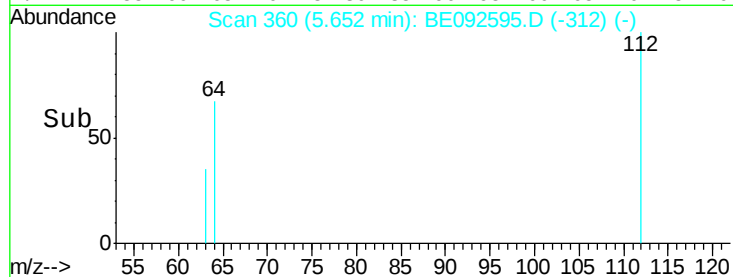
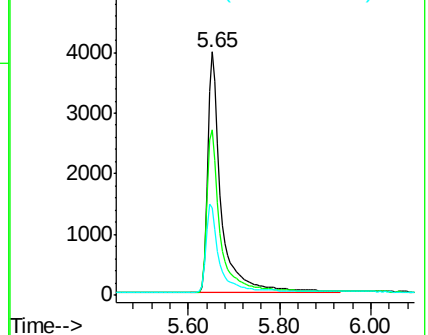
63 36.8 27.9 41.9



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: 3.06 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

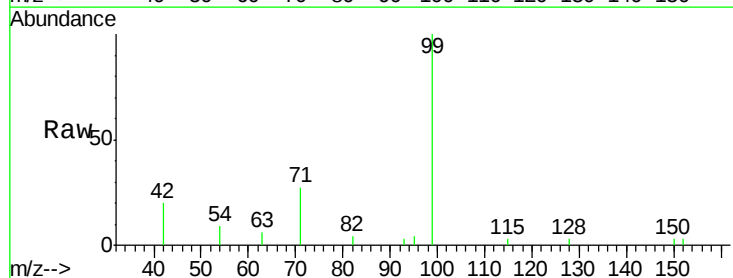
Tgt Ion: 99 Resp: 6840

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

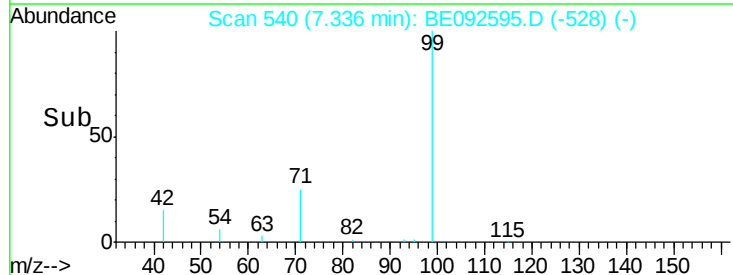
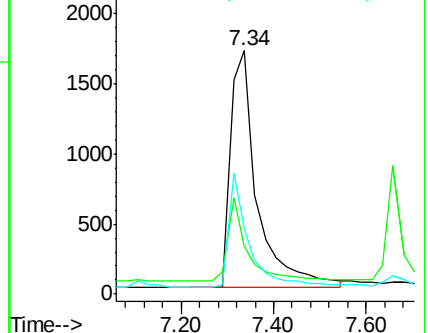
71 0.0 30.6 45.8#

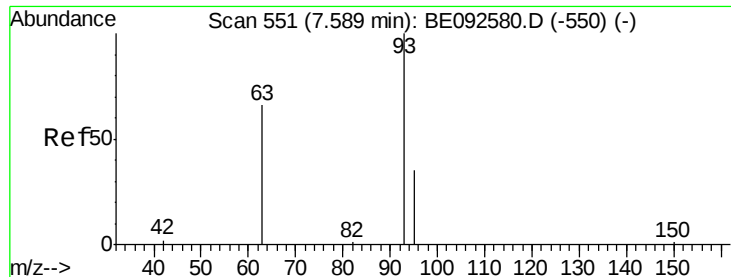


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.05 ng

RT: 7.50 min Scan# 547

Delta R.T. -0.09 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

Instrument :

BNA_E

ClientSampleId :

MW-2

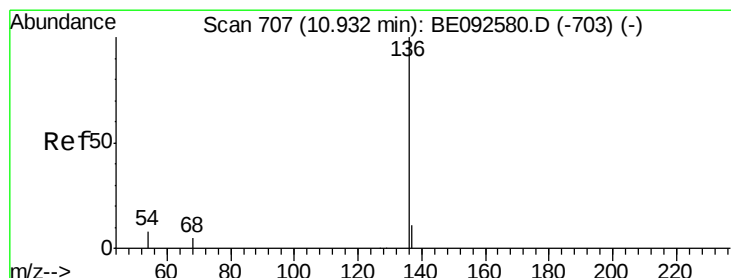
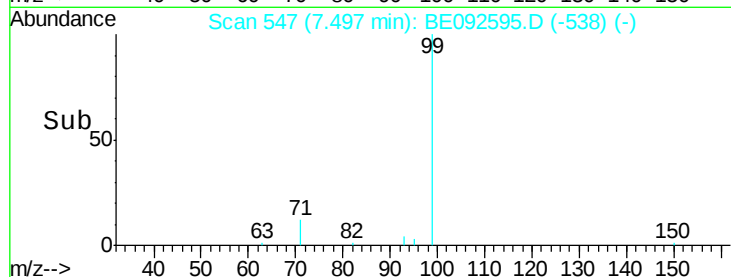
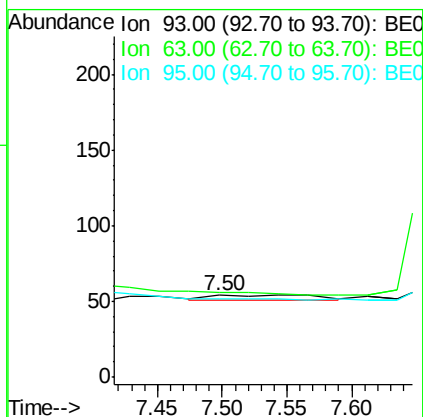
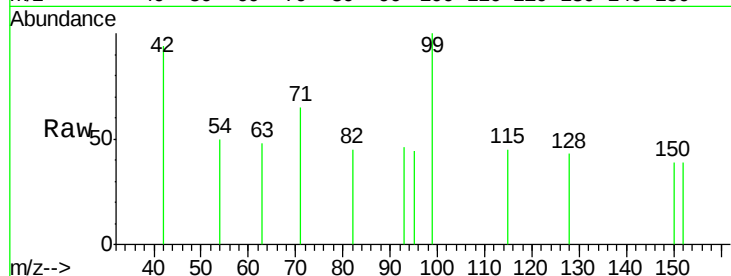
Tgt Ion: 93 Resp: 17

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 0.0 24.0 36.0#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

Tgt Ion: 136 Resp: 37455

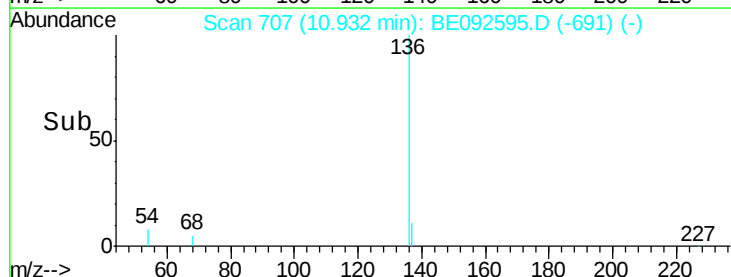
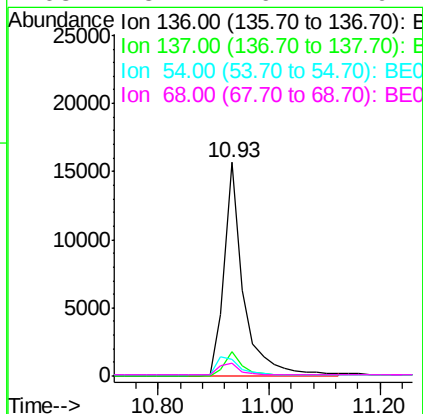
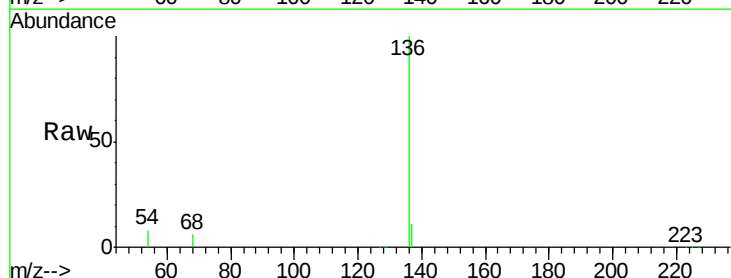
Ion Ratio Lower Upper

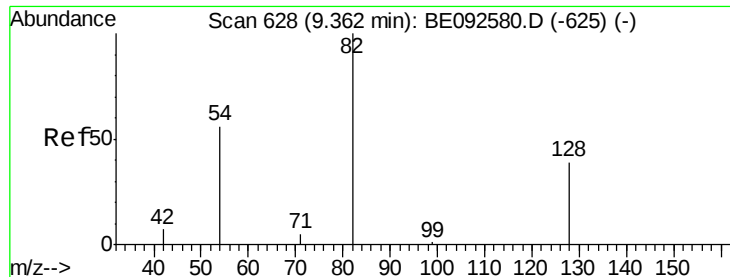
136 100

137 11.1 8.2 12.4

54 7.9 9.6 14.4#

68 5.7 6.7 10.1#





#8

Nitrobenzene-d5

Concen: 5.29 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

Instrument :

BNA_E

ClientSampleId :

MW-2

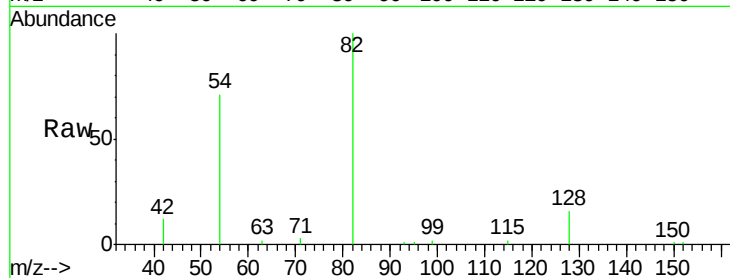
Tgt Ion: 82 Resp: 12873

Ion Ratio Lower Upper

82 100

128 16.4 39.0 58.4#

54 71.0 44.8 67.2#

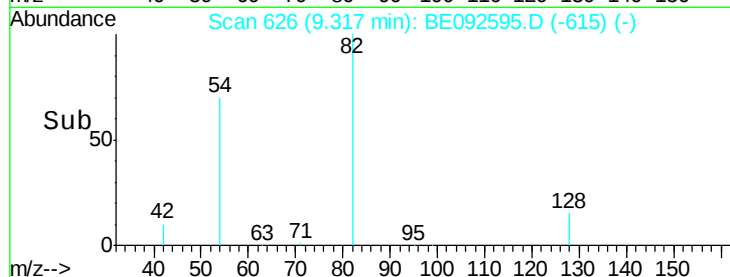


Abundance Ion 82.00 (81.70 to 82.70): BE092580.D (-625) (-)

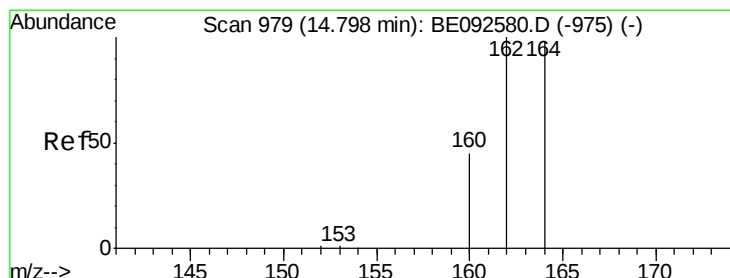
Ion 128.00 (127.70 to 128.70): BE092580.D (-625) (-)

Ion 54.00 (53.70 to 54.70): BE092580.D (-625) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

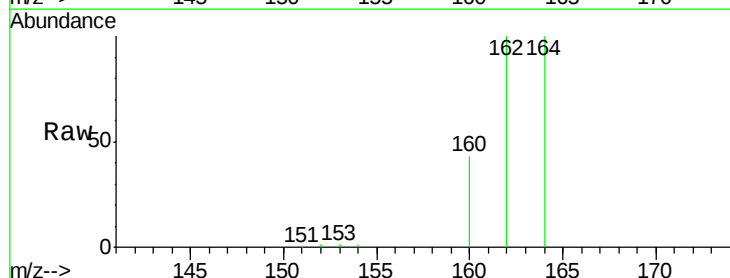
Tgt Ion: 164 Resp: 24878

Ion Ratio Lower Upper

164 100

162 99.9 71.4 107.0

160 43.0 27.4 41.2#

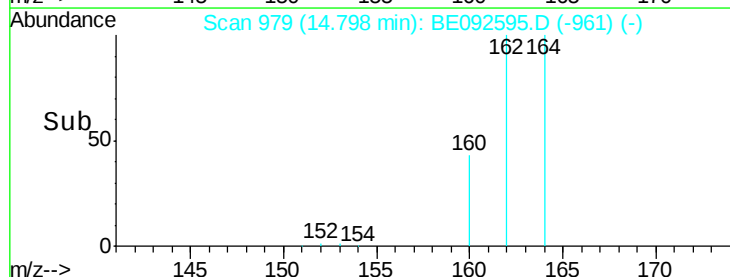


Abundance Ion 164.00 (163.70 to 164.70): BE092580.D (-975) (-)

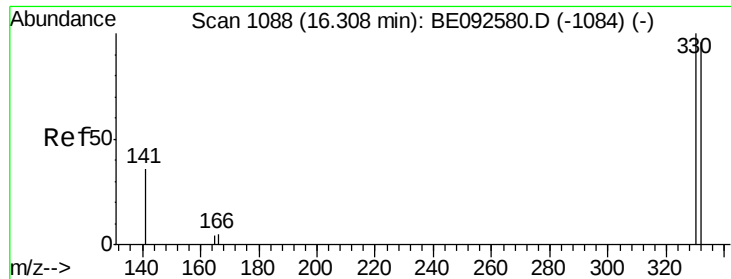
Ion 162.00 (161.70 to 162.70): BE092580.D (-975) (-)

Ion 160.00 (159.70 to 160.70): BE092580.D (-975) (-)

Time-->



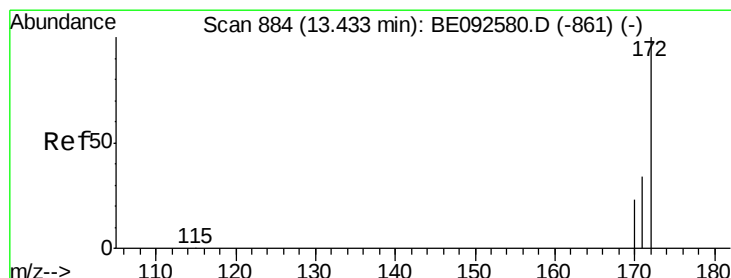
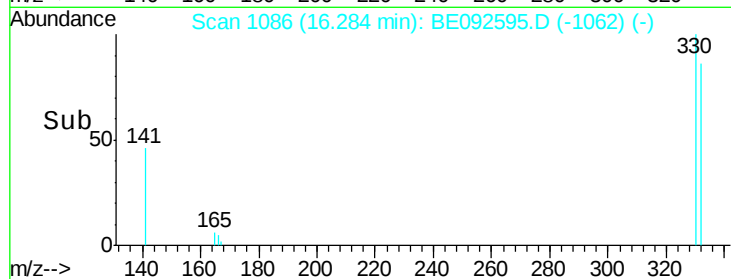
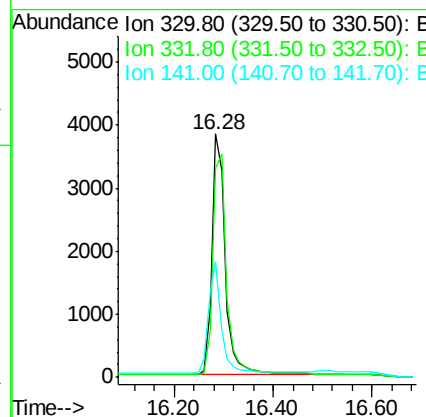
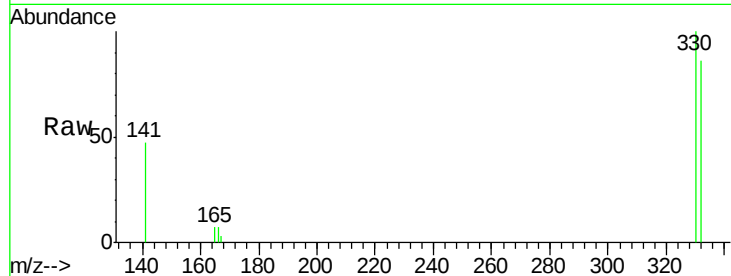
Time-->



#13
 2,4,6-Tribromophenol
 Concen: 12.83 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092595.D
 Acq: 9 Dec 2016 16:03

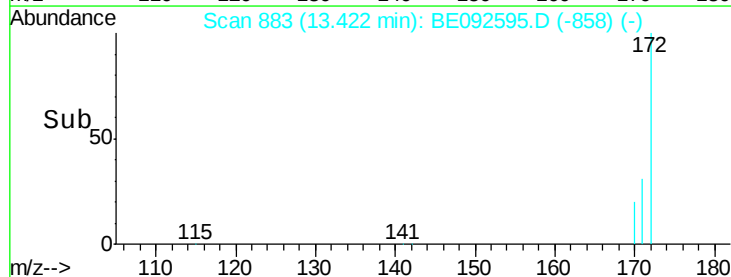
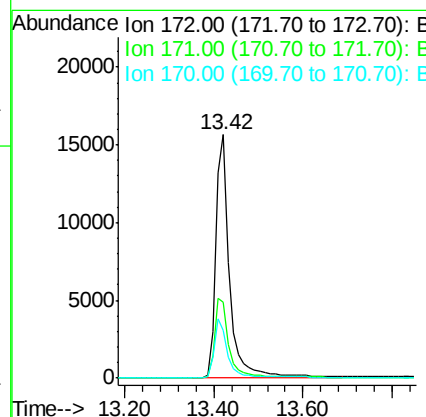
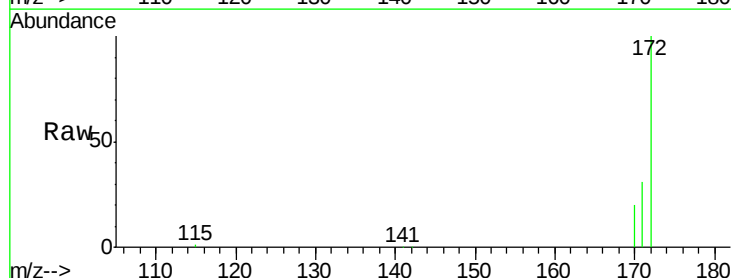
Instrument :
 BNA_E
 ClientSampleId :
 MW-2

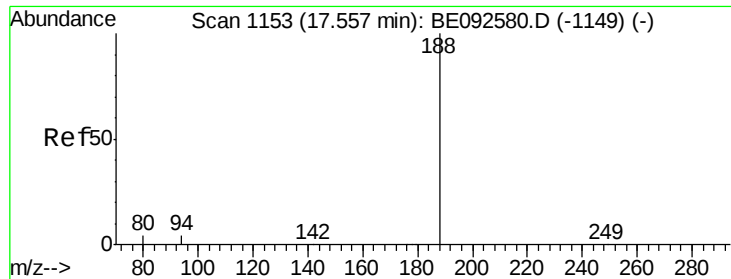
Tgt Ion:330 Resp: 7159
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 44.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.48 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092595.D
 Acq: 9 Dec 2016 16:03

Tgt Ion:172 Resp: 33254
 Ion Ratio Lower Upper
 172 100
 171 31.4 30.1 45.1
 170 19.7 21.8 32.6#

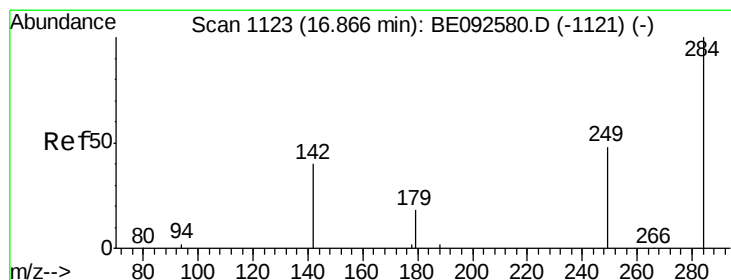
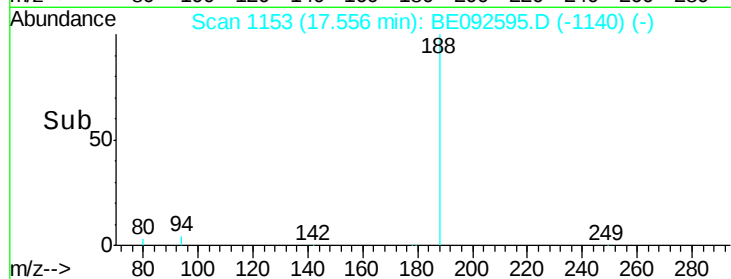
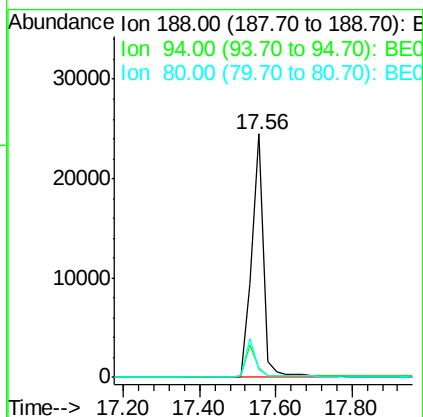
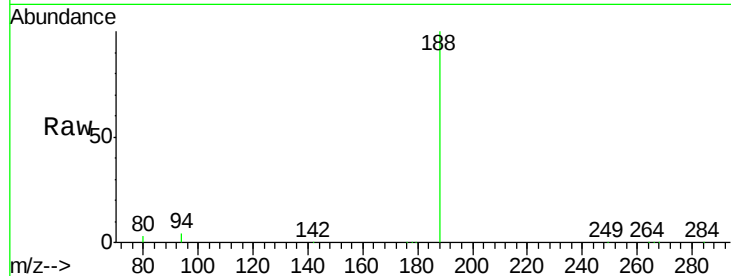




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092595.D
Acq: 9 Dec 2016 16:03

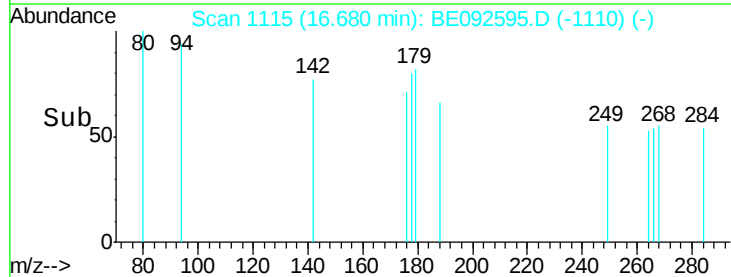
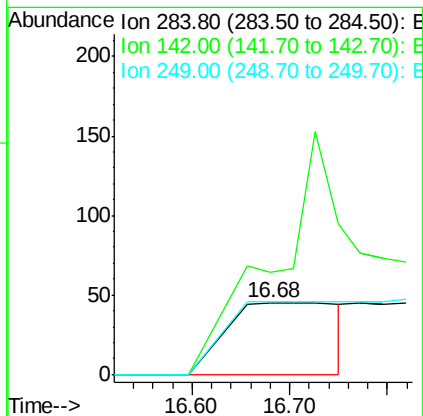
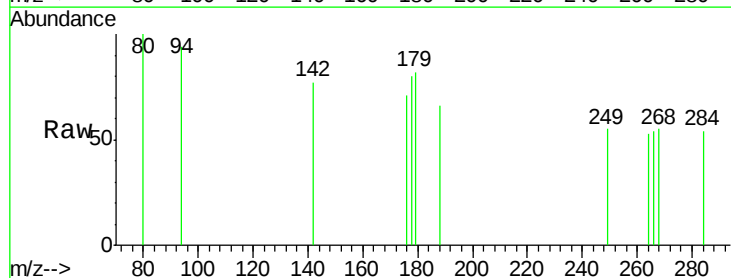
Instrument :
BNA_E
ClientSampleId :
MW-2

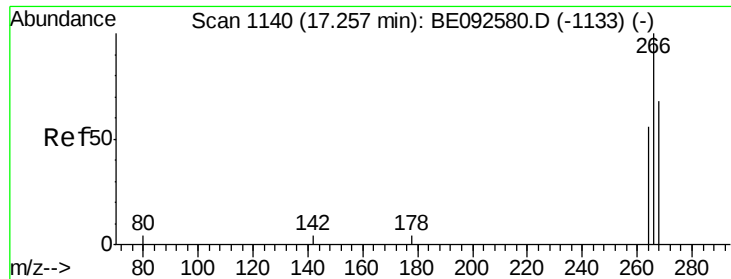
Tgt Ion:188 Resp: 51137
Ion Ratio Lower Upper
188 100
94 3.9 3.2 4.8
80 3.3 2.6 3.8



#19
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.68 min Scan# 1115
Delta R.T. -0.19 min
Lab File: BE092595.D
Acq: 9 Dec 2016 16:03

Tgt Ion:284 Resp: 409
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

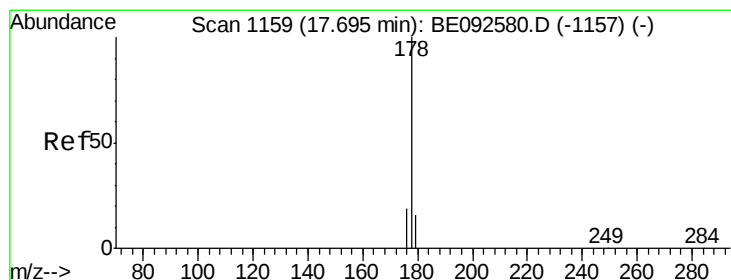
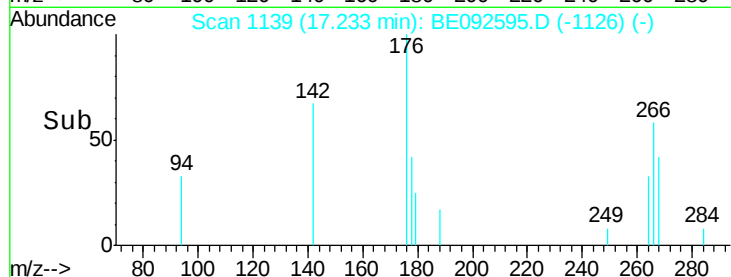
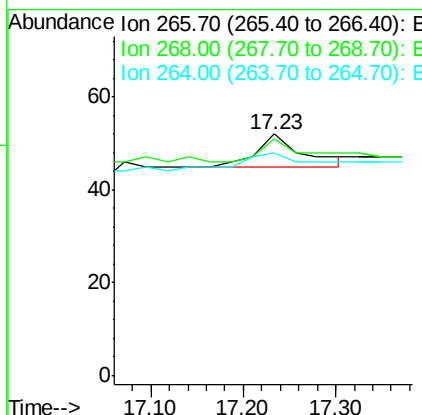
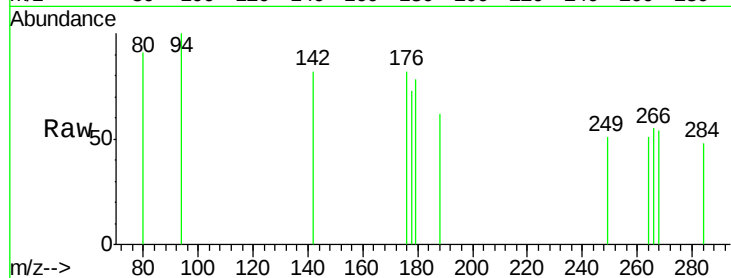




#20
 Pentachlorophenol
 Concen: 0.09 ng
 RT: 17.23 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BE092595.D
 Acq: 9 Dec 2016 16:03

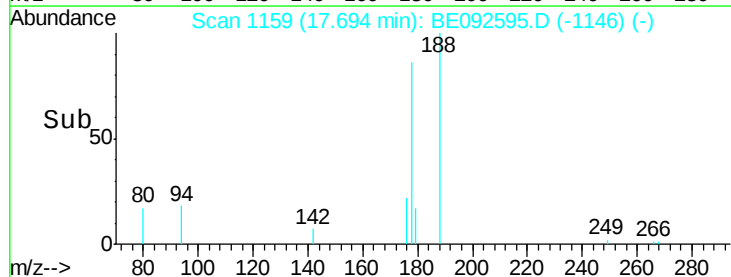
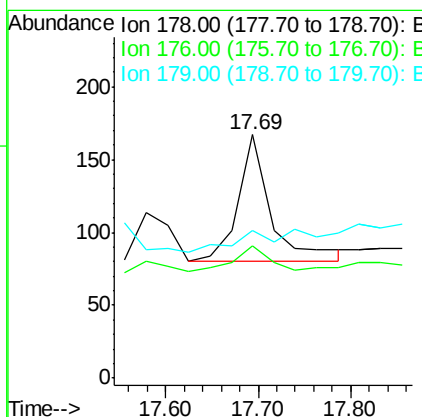
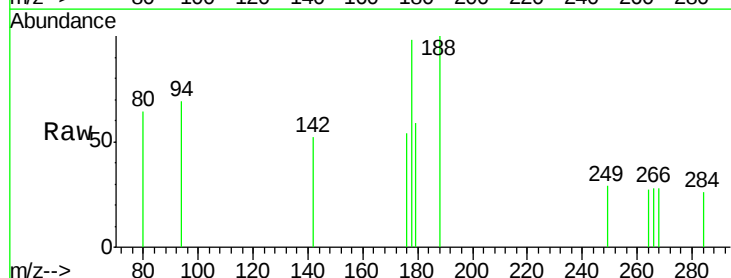
Instrument :
 BNA_E
 ClientSampleId :
 MW-2

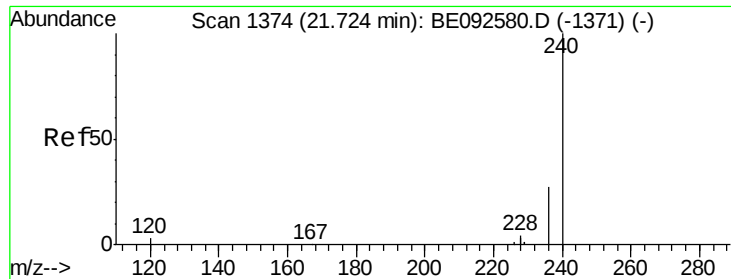
Tgt Ion: 266 Resp: 23
 Ion Ratio Lower Upper
 266 100
 268 98.1 62.5 93.7#
 264 92.3 57.2 85.8#



#22
 Anthracene
 Concen: 0.02 ng
 RT: 17.69 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BE092595.D
 Acq: 9 Dec 2016 16:03

Tgt Ion: 178 Resp: 218
 Ion Ratio Lower Upper
 178 100
 176 21.6 15.0 22.4
 179 0.0 12.2 18.2#

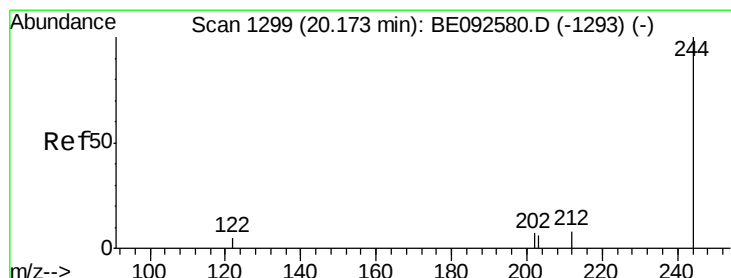
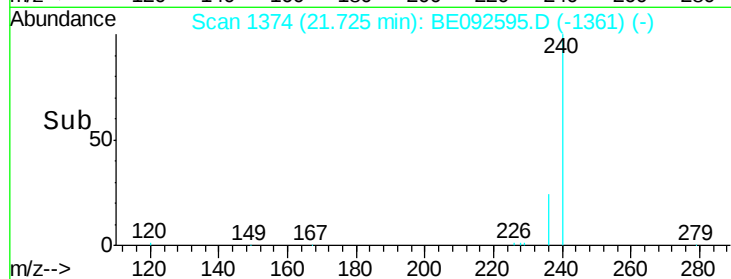
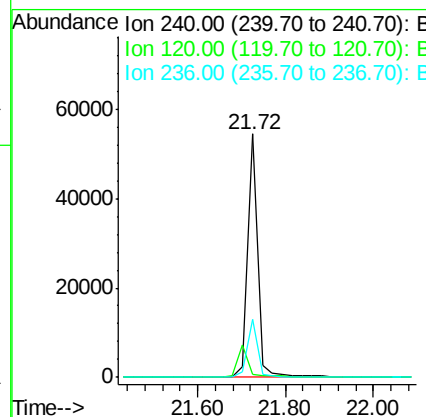
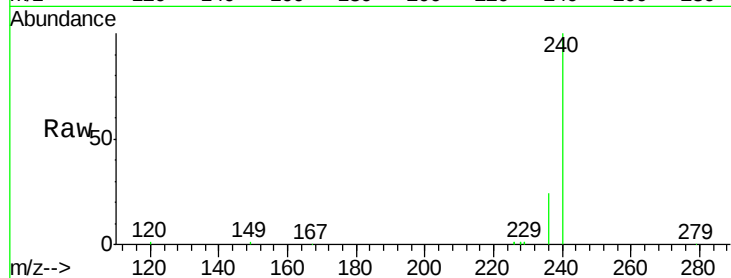




#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092595.D
 Acq: 9 Dec 2016 16:03

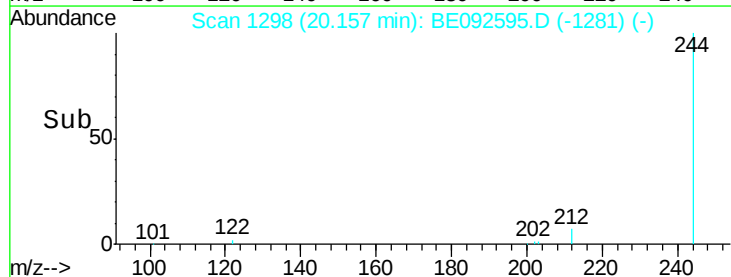
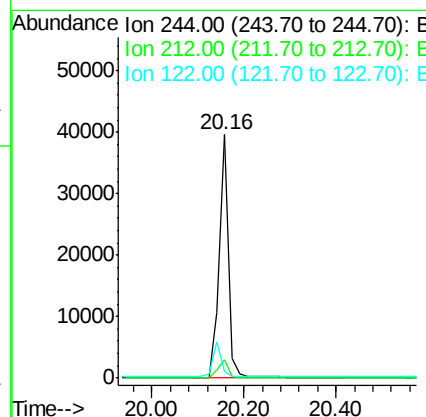
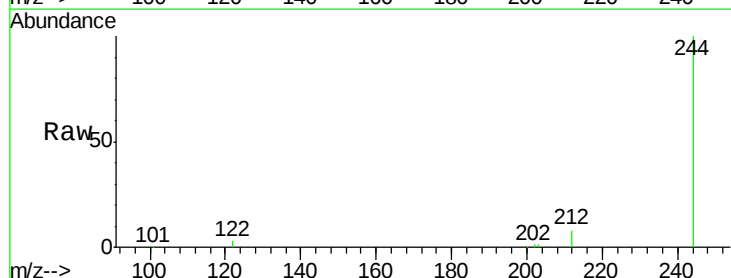
Instrument :
 BNA_E
 ClientSampleId :
 MW-2

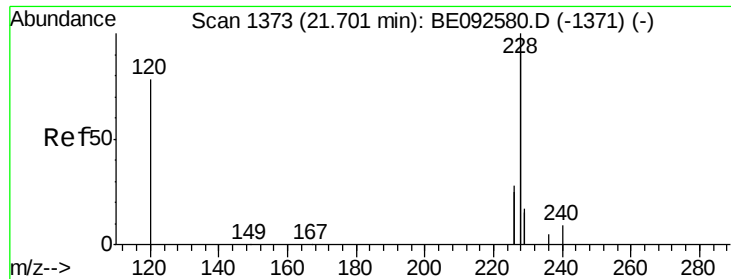
Tgt Ion:240 Resp: 83491
 Ion Ratio Lower Upper
 240 100
 120 1.4 2.6 4.0#
 236 24.0 24.6 37.0#



#26
 Terphenyl-d14
 Concen: 5.88 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092595.D
 Acq: 9 Dec 2016 16:03

Tgt Ion:244 Resp: 56108
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.7 10.1
 122 2.7 3.6 5.4#

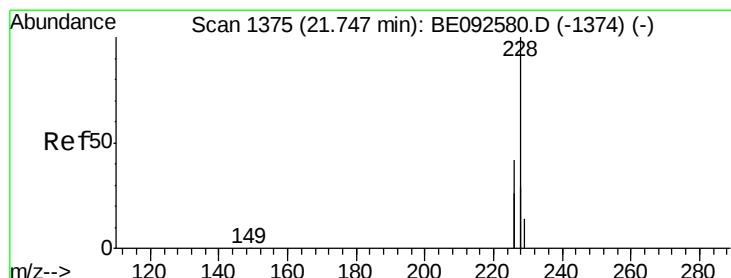
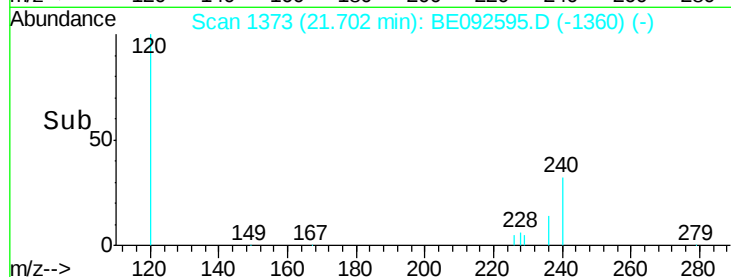
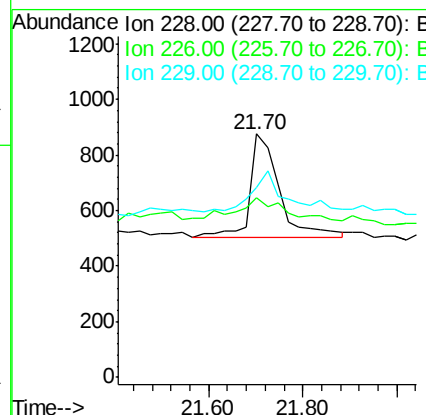
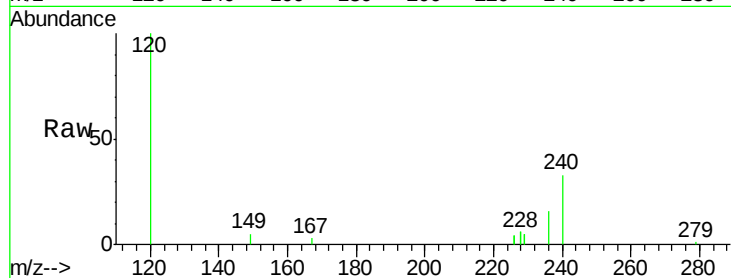




#27
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092595.D
Acq: 9 Dec 2016 16:03

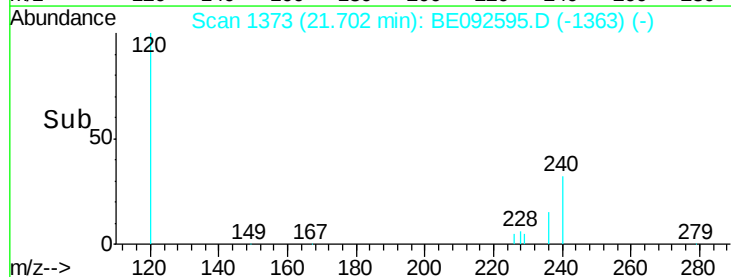
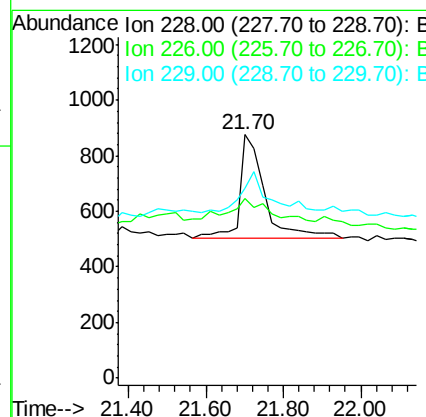
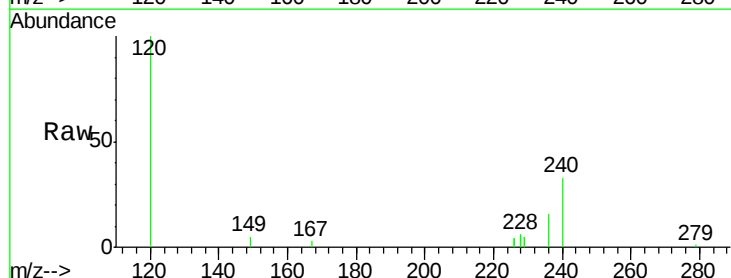
Instrument :
BNA_E
ClientSampleId :
MW-2

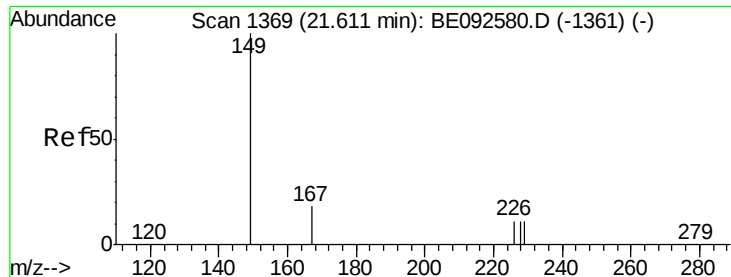
Tgt Ion: 228 Resp: 1636
Ion Ratio Lower Upper
228 100
226 73.5 23.6 35.4#
229 78.1 13.3 19.9#



#28
Chrysene
Concen: 0.02 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092595.D
Acq: 9 Dec 2016 16:03

Tgt Ion: 228 Resp: 1693
Ion Ratio Lower Upper
228 100
226 73.5 36.3 54.5#
229 78.1 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.73 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

Instrument :

BNA_E

ClientSampleId :

MW-2

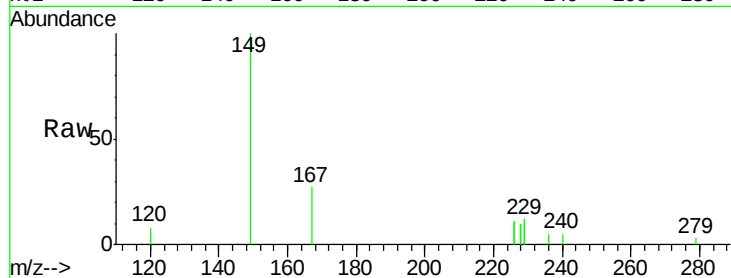
Tgt Ion:149 Resp: 3388

Ion Ratio Lower Upper

149 100

167 23.5 16.0 24.0

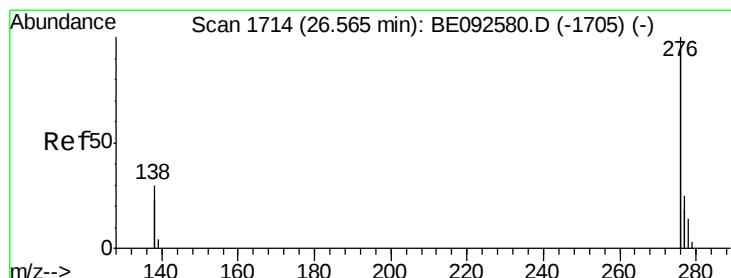
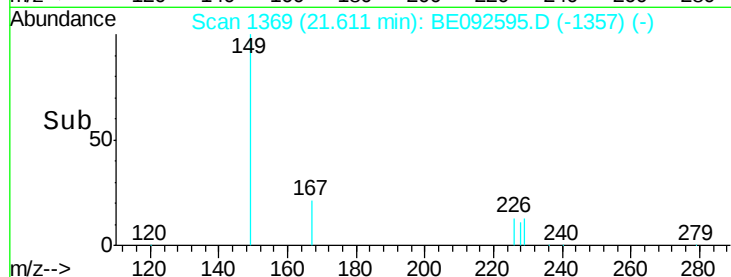
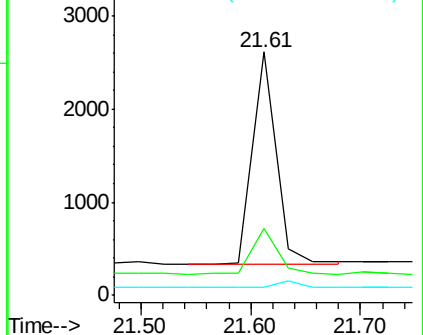
279 0.0 16.0 24.0#



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: 0.05 ng

RT: 26.56 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092595.D

Acq: 9 Dec 2016 16:03

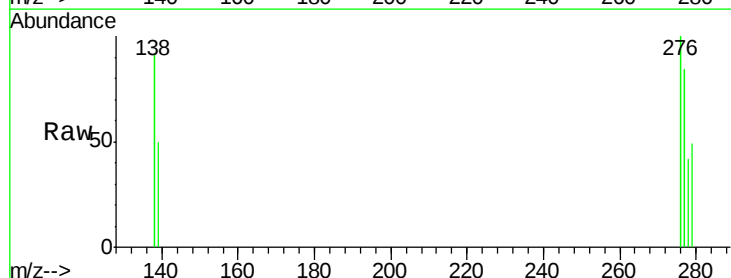
Tgt Ion:276 Resp: 315

Ion Ratio Lower Upper

276 100

138 31.1 20.3 30.5#

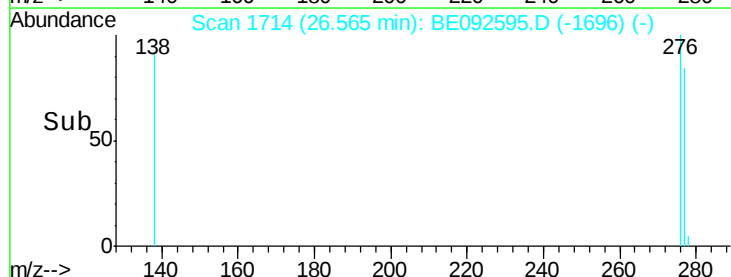
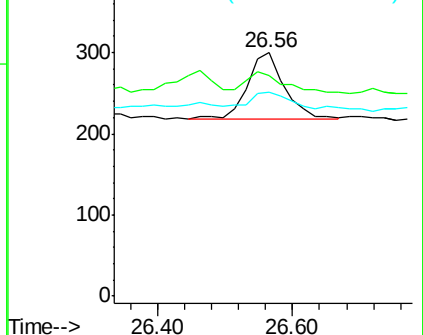
277 27.3 19.7 29.5

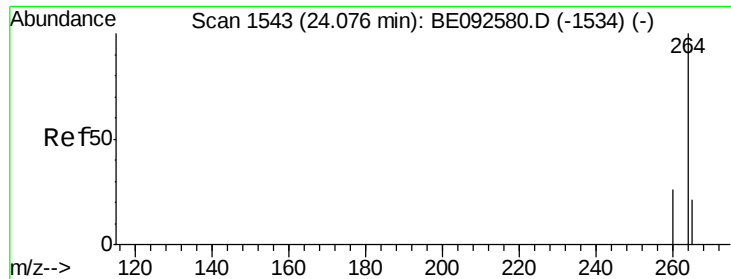


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.08 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BE092595.D

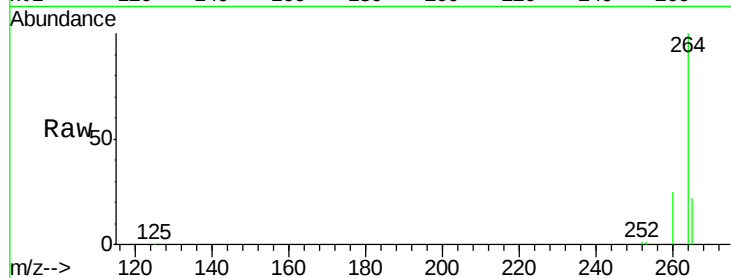
Acq: 9 Dec 2016 16:03

Instrument :

BNA_E

ClientSampleId :

MW-2



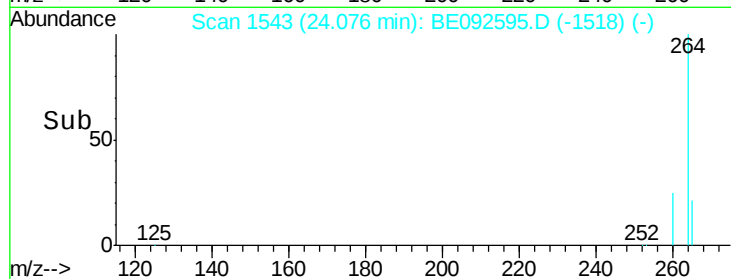
Tgt Ion: 264 Resp: 73579

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 22.2 17.9 26.9



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

