

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092855.D
 Acq On : 29 Mar 2017 3:03
 Operator : SJ/MA
 Sample : I2421-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 04:59:53 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 14:58:05 2017
 Response via : Initial Calibration

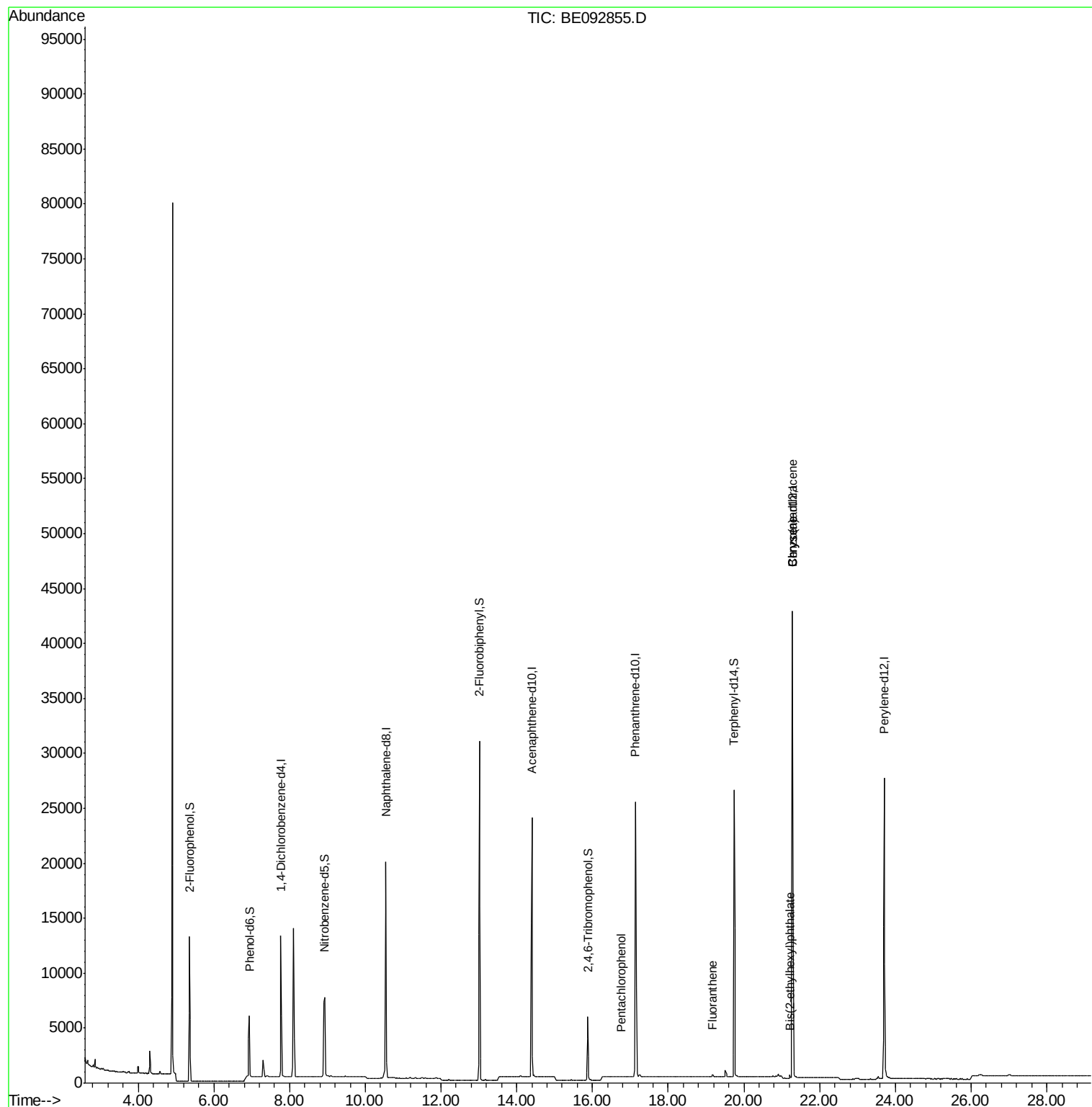
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7508	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	32905	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	15917	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	35771	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	44848	5.00	ng	-0.02
31) Perylene-d12	23.70	264	39895	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	9134	5.22	ng	0.00
5) Phenol-d6	6.94	99	8808	3.43	ng	0.00
8) Nitrobenzene-d5	8.93	82	10086	5.34	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	3362	13.52	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	27774	5.29	ng	-0.01
26) Terphenyl-d14	19.74	244	34327	4.43	ng	-0.02
Target Compounds						
20) Pentachlorophenol	16.77	266	3	0.24	ng	# 74
23) Fluoranthene	19.18	202	2829	0.07	ng	# 65
27) Benzo(a)anthracene	21.28	228	305	0.03	ng	# 66
28) Chrysene	21.28	228	307	0.03	ng	# 68
29) Bis(2-ethylhexyl)phthalate	21.21	149	317	0.10	ng	# 80

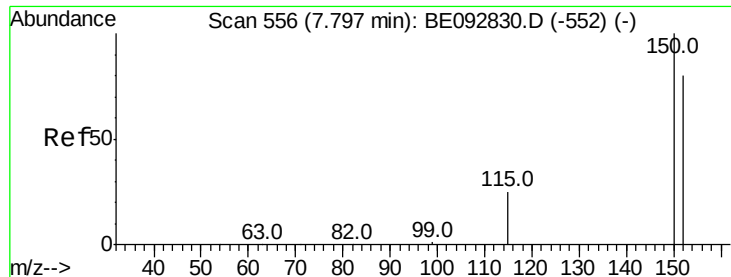
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092855.D
Acq On : 29 Mar 2017 3:03
Operator : SJ/MA
Sample : I2421-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 29 04:59:53 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 14:58:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

Instrument :

BNA_E

ClientSampleId :

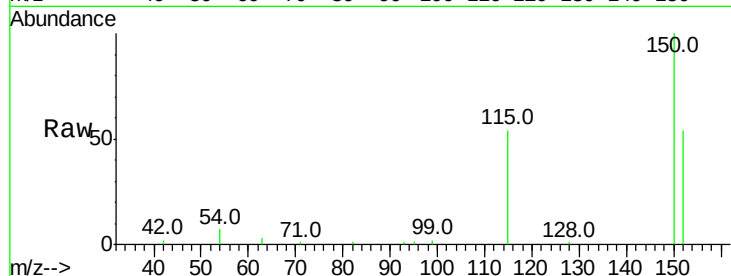
Tot Ion:152 Resp: 7508

Ion Ratio Lower Upper

152 100

150 184.1 106.0 159.0#

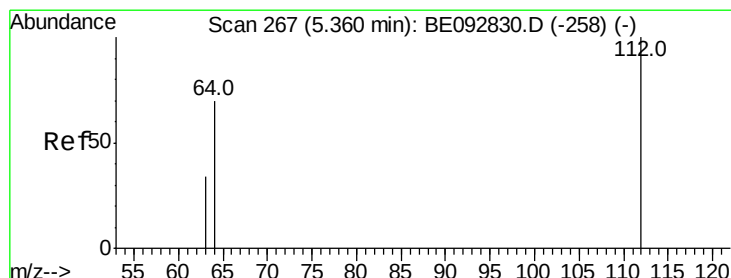
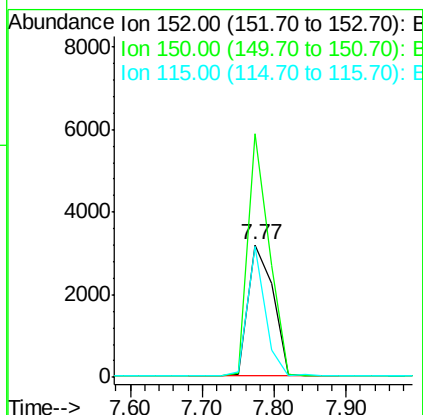
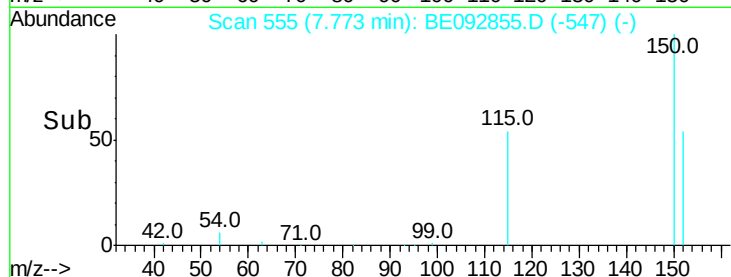
115 99.5 31.2 46.8#



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



#4

2-Fluorophenol

Concen: 5.22 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

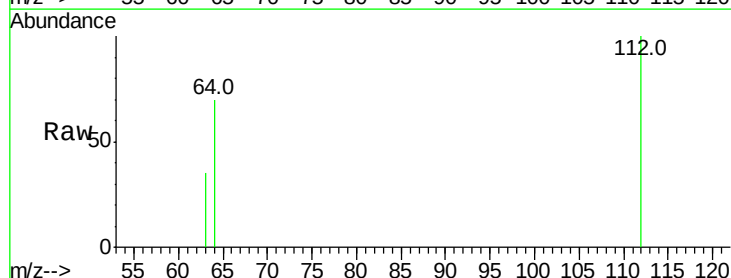
Tgt Ion:112 Resp: 9134

Ion Ratio Lower Upper

112 100

64 69.6 53.5 80.3

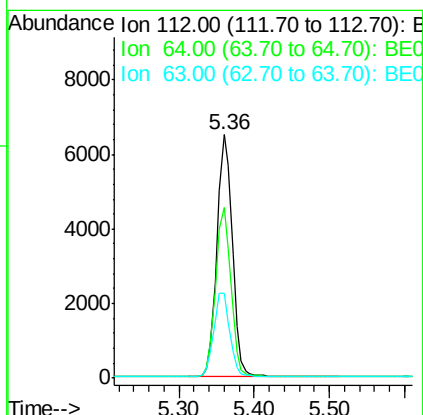
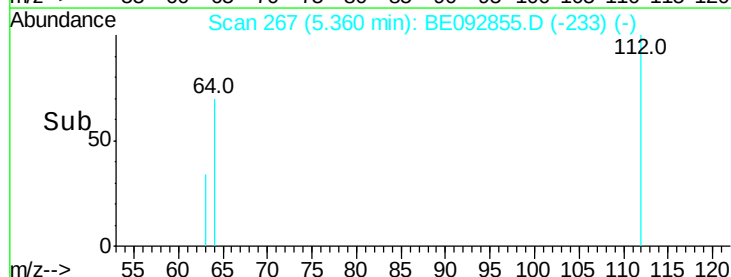
63 35.4 27.9 41.9

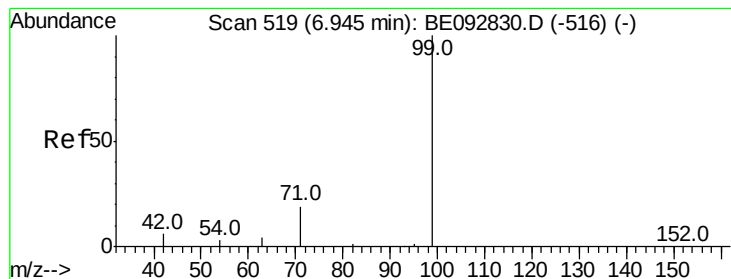


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.43 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

Instrument :

BNA_E

ClientSampleId :

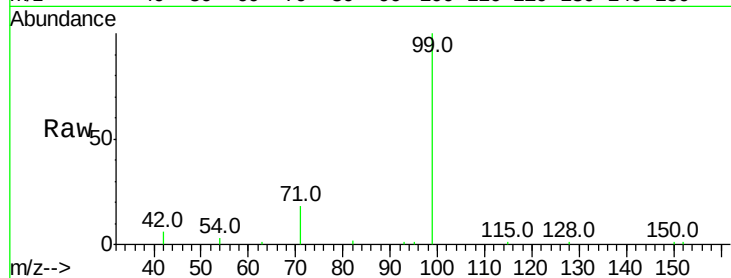
Tot Ion: 99 Resp: 8808

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

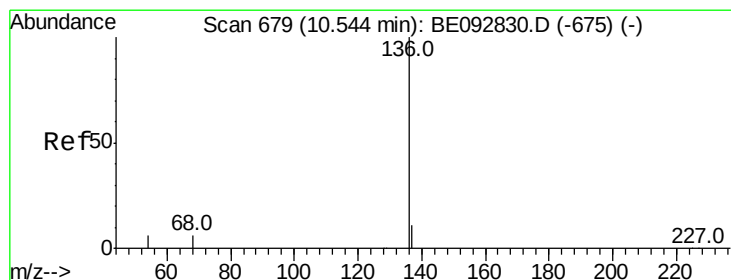
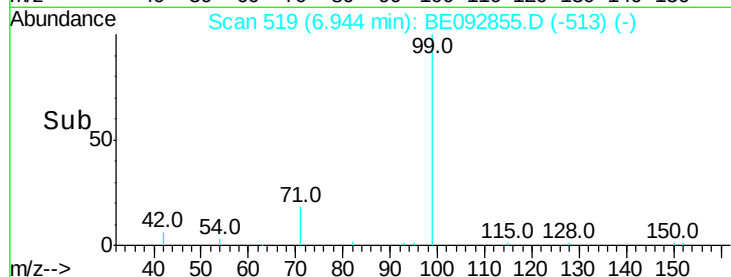
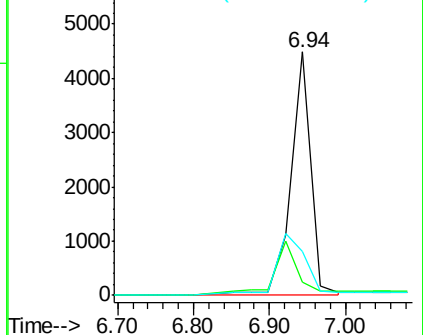
71 0.0 30.6 45.8#



Abundance Ion 99.00 (98.70 to 99.70): BE092830.D (-516) (-)

Ion 42.00 (41.70 to 42.70): BE092830.D (-516) (-)

Ion 71.00 (70.70 to 71.70): BE092830.D (-516) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

Tgt Ion: 136 Resp: 32905

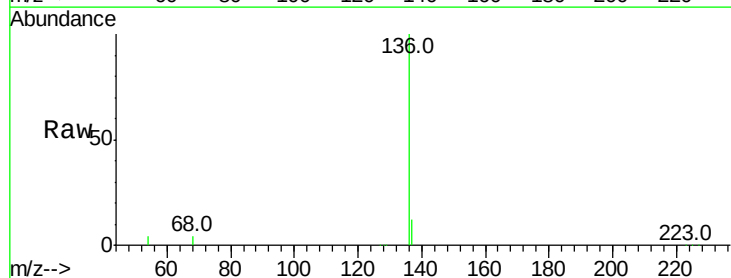
Ion Ratio Lower Upper

136 100

137 12.1 8.2 12.4

54 4.2 9.6 14.4#

68 4.4 6.7 10.1#

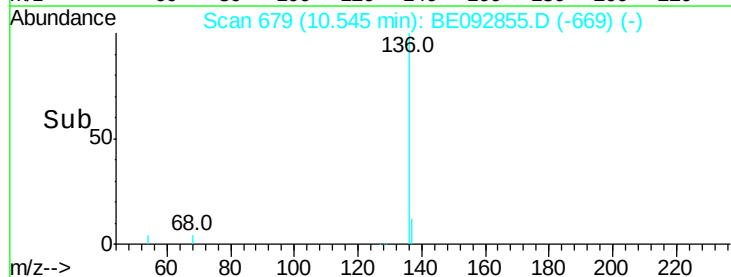
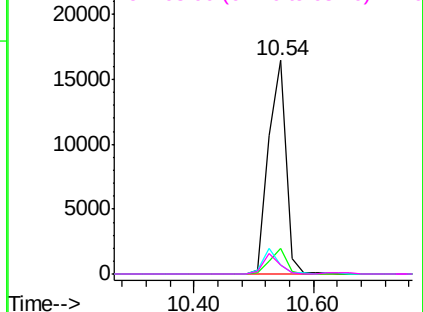


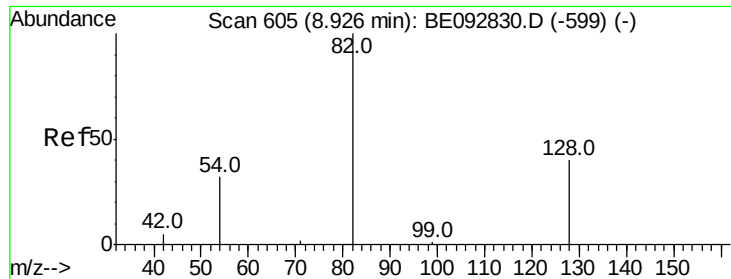
Abundance Ion 136.00 (135.70 to 136.70): BE092830.D (-675) (-)

Ion 137.00 (136.70 to 137.70): BE092830.D (-675) (-)

Ion 54.00 (53.70 to 54.70): BE092830.D (-675) (-)

Ion 68.00 (67.70 to 68.70): BE092830.D (-675) (-)

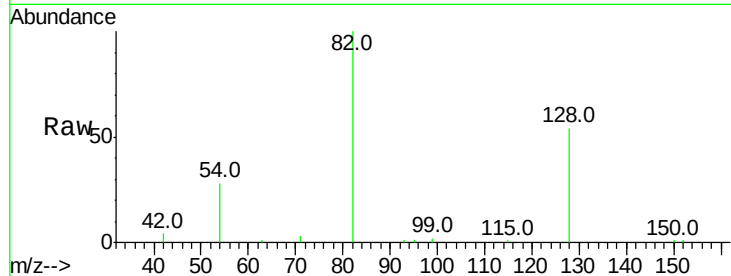




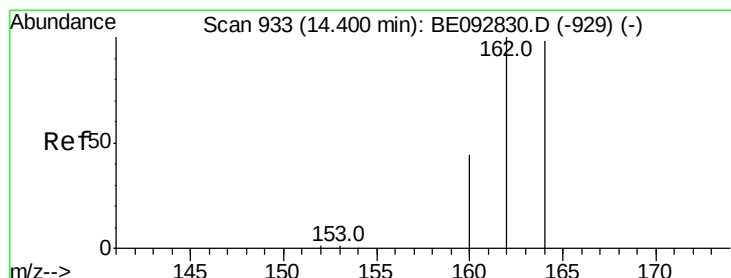
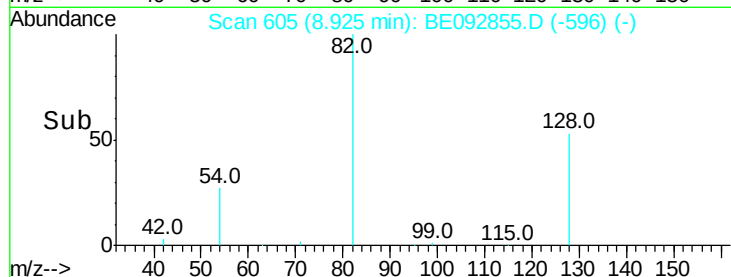
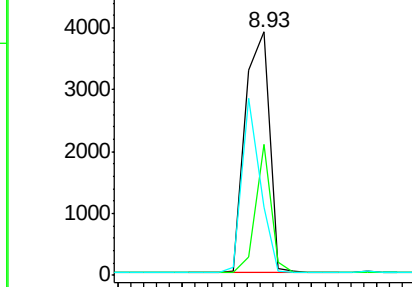
#8
 Nitrobenzene-d5
 Concen: 5.34 ng
 RT: 8.93 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BE092855.D
 Acq: 29 Mar 2017 3:03

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 82 Resp: 10086
 Ion Ratio Lower Upper
 82 100
 128 53.9 39.0 58.4
 54 28.0 44.8 67.2#

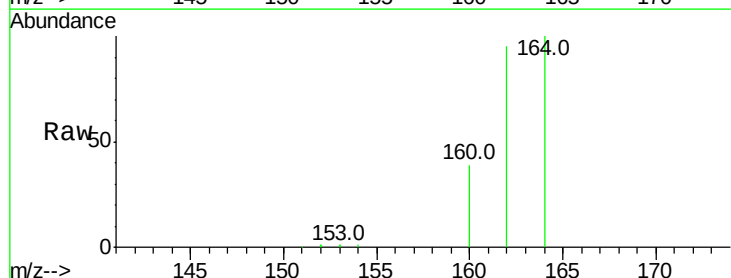


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

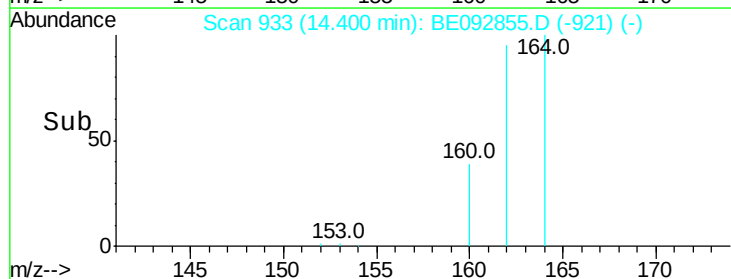
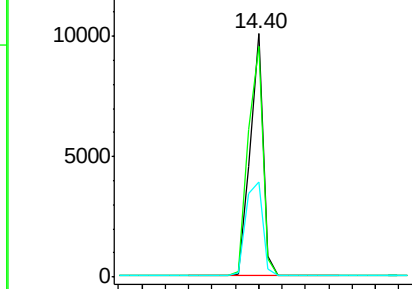


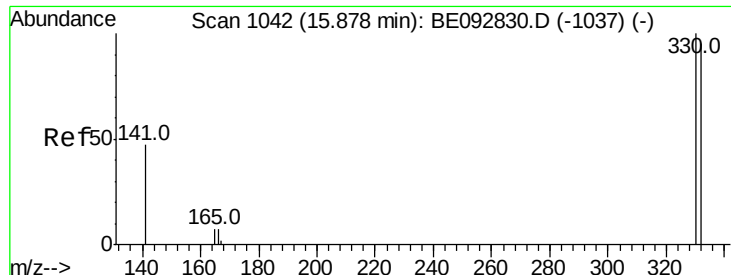
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.40 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BE092855.D
 Acq: 29 Mar 2017 3:03

Tgt Ion: 164 Resp: 15917
 Ion Ratio Lower Upper
 164 100
 162 95.0 71.4 107.0
 160 39.3 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

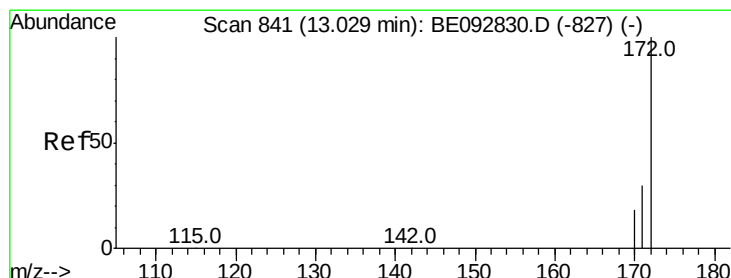
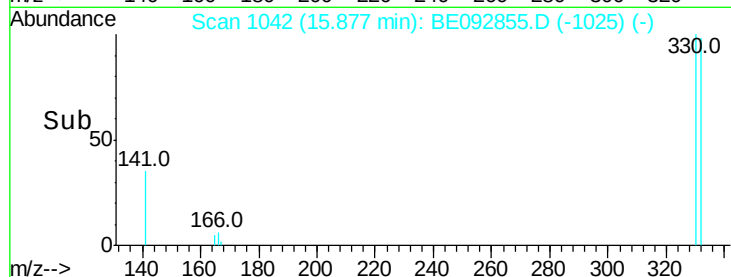
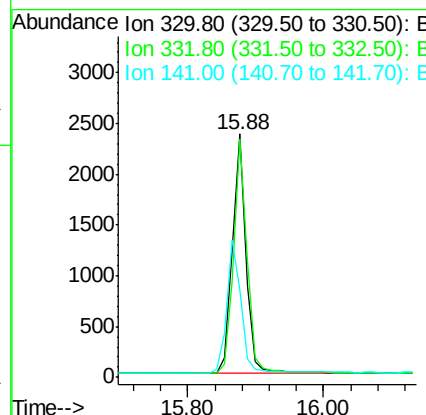
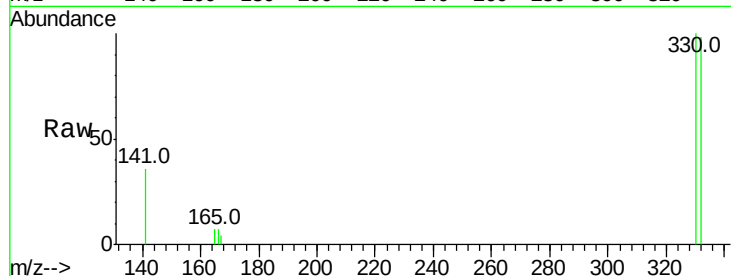




#13
 2,4,6-Tribromophenol
 Concen: 13.52 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092855.D
 Acq: 29 Mar 2017 3:03

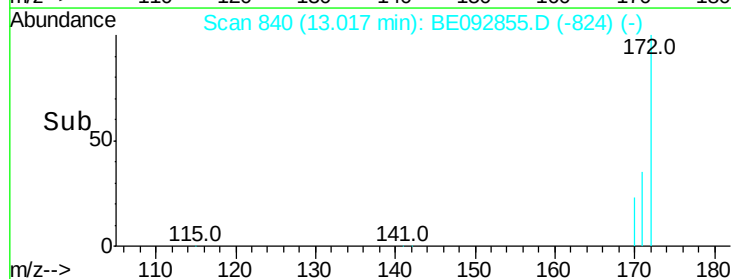
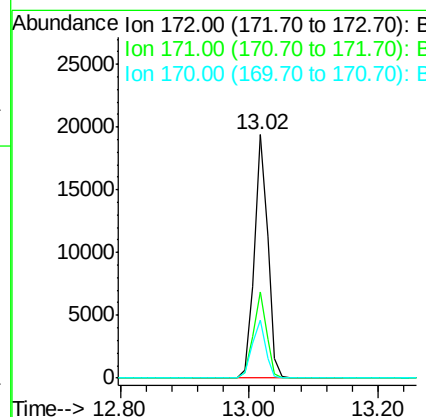
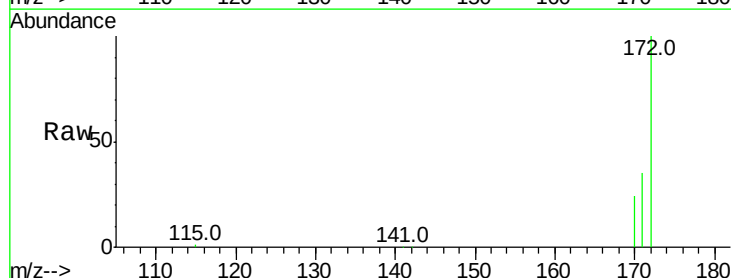
Instrument :
 BNA_E
 ClientSampleId :

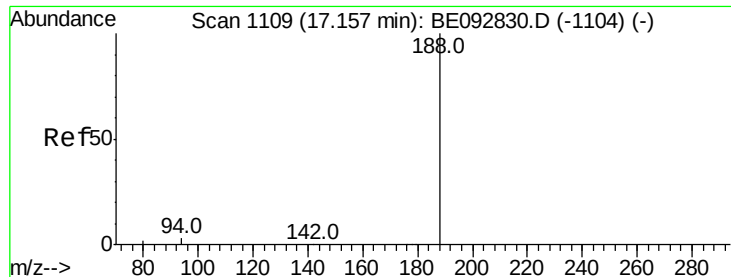
Tot Ion:330 Resp: 3362
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 57.4 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 5.29 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092855.D
 Acq: 29 Mar 2017 3:03

Tgt Ion:172 Resp: 27774
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.1 45.1
 170 23.6 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.13 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

Instrument :

BNA_E

ClientSampled :

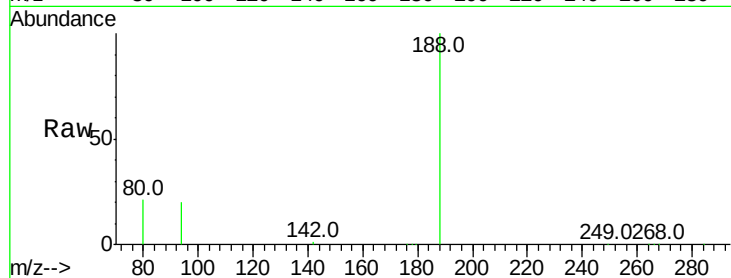
Tot Ion:188 Resp: 35771

Ion Ratio Lower Upper

188 100

94 19.7 3.2 4.8#

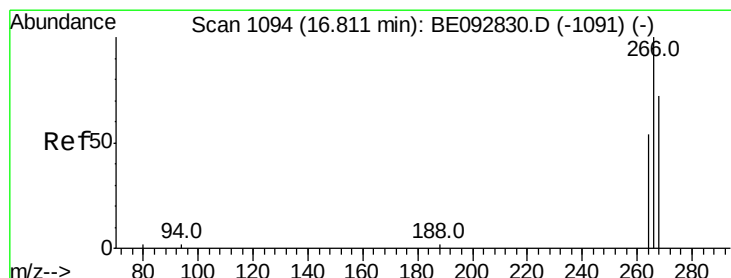
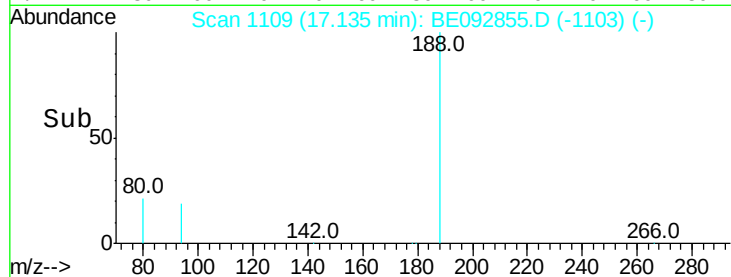
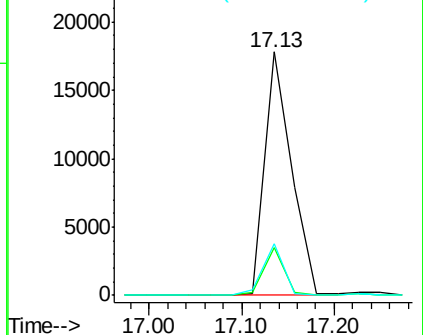
80 21.3 2.6 3.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Pentachlorophenol

Concen: 0.24 ng

RT: 16.77 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

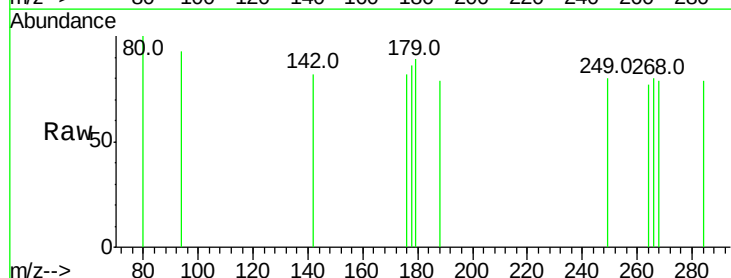
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

268 97.8 62.5 93.7#

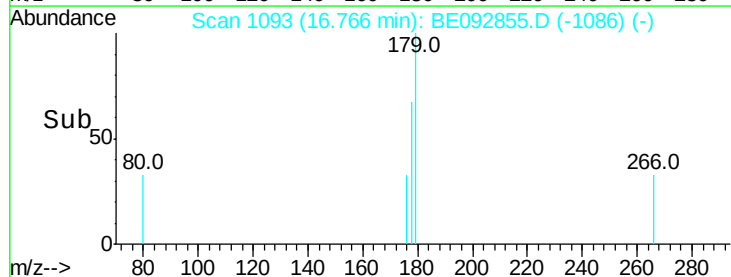
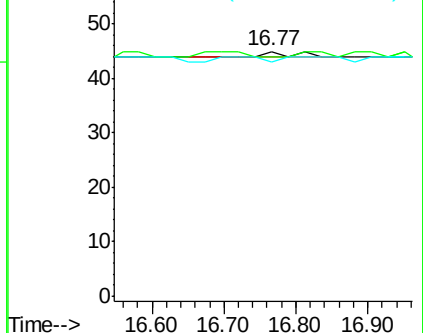
264 95.6 57.2 85.8#

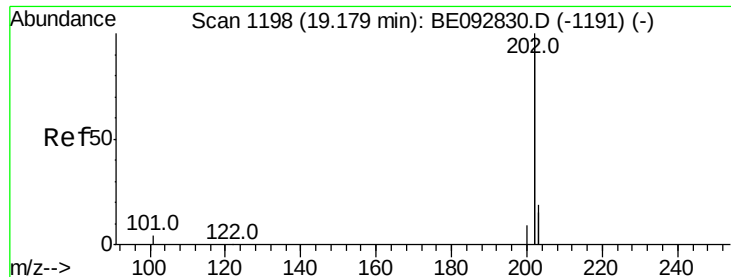


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Fluoranthene

Concen: 0.07 ng

RT: 19.18 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

Instrument :

BNA_E

ClientSampled :

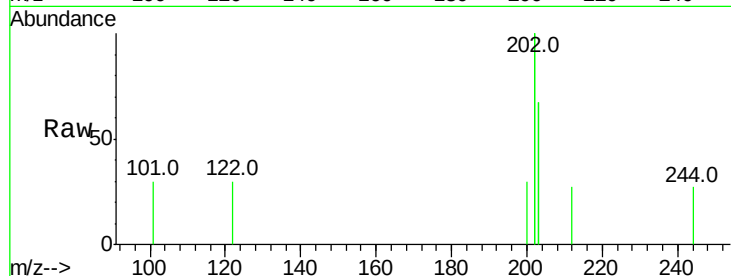
Tot Ion:202 Resp: 2829

Ion Ratio Lower Upper

202 100

101 0.0 2.2 3.4#

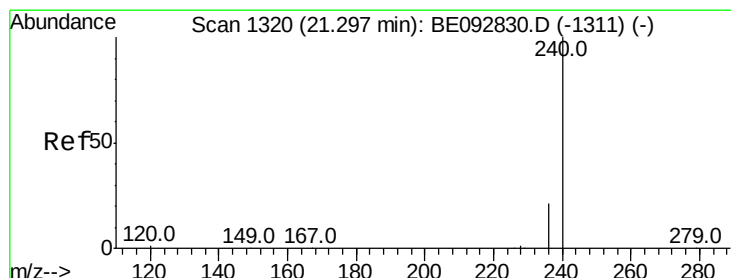
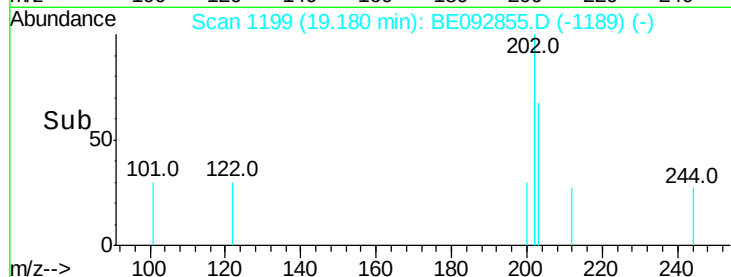
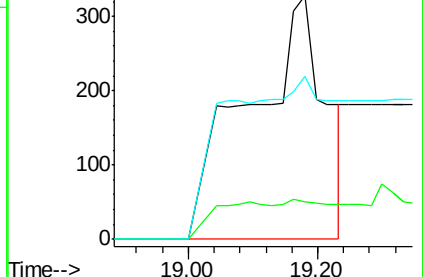
203 0.0 13.7 20.5#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

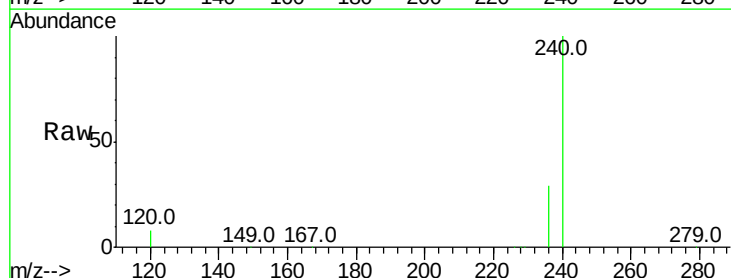
Tgt Ion:240 Resp: 44848

Ion Ratio Lower Upper

240 100

120 8.4 2.6 4.0#

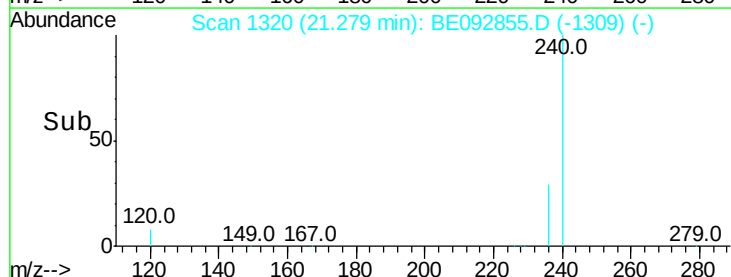
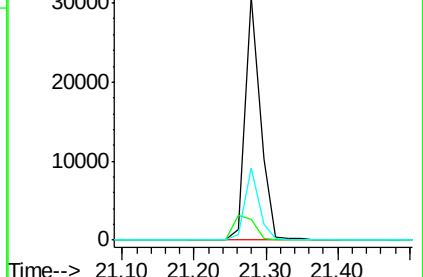
236 29.4 24.6 37.0

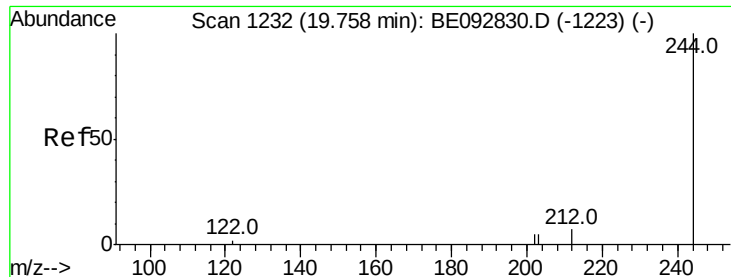


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 4.43 ng

RT: 19.74 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

Instrument :

BNA_E

ClientSampled :

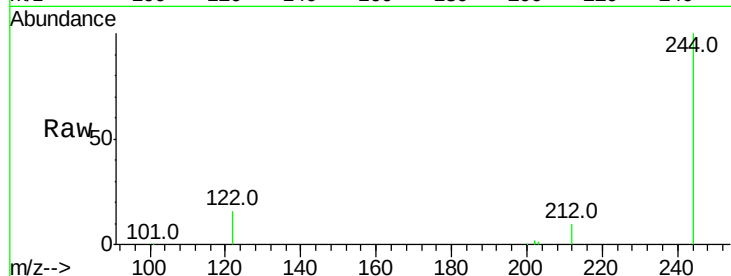
Tot Ion:244 Resp: 34327

Ion Ratio Lower Upper

244 100

212 10.4 6.7 10.1#

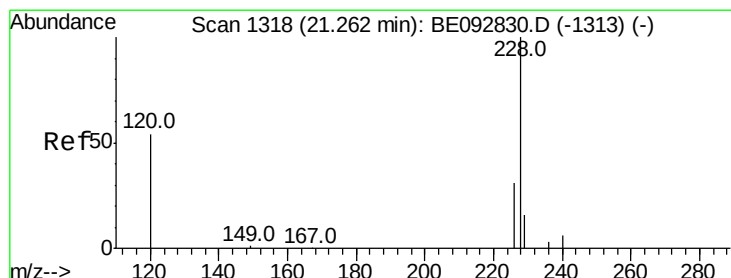
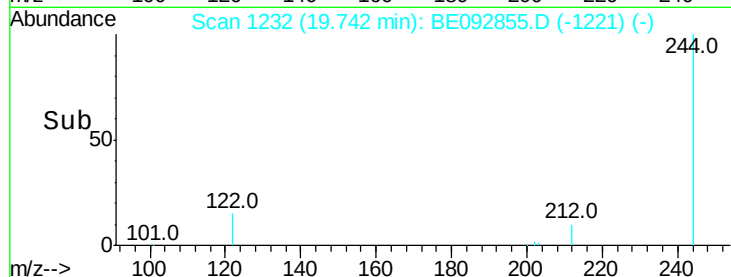
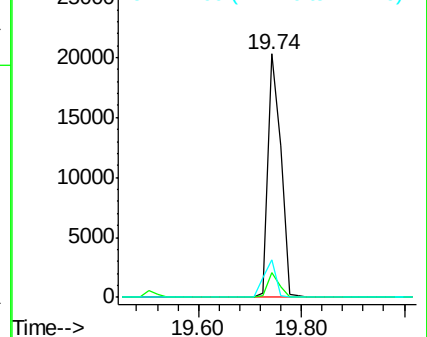
122 15.5 3.6 5.4#



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: 0.03 ng

RT: 21.28 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

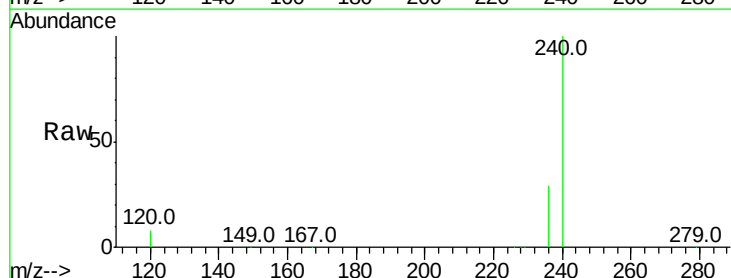
Tgt Ion:228 Resp: 305

Ion Ratio Lower Upper

228 100

226 35.6 23.6 35.4#

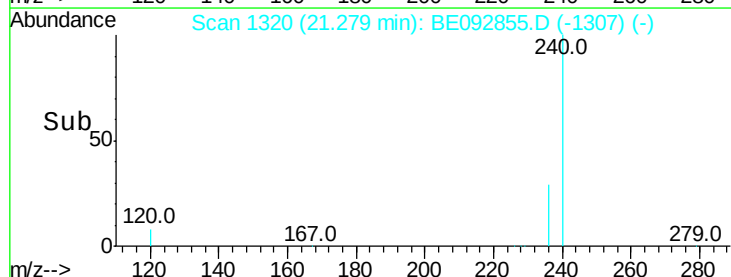
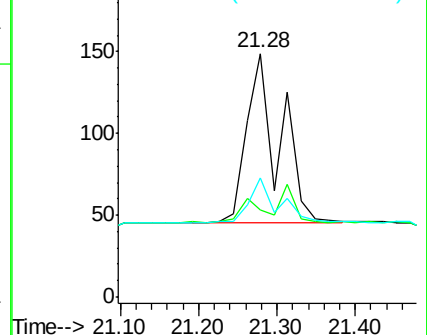
229 49.0 13.3 19.9#

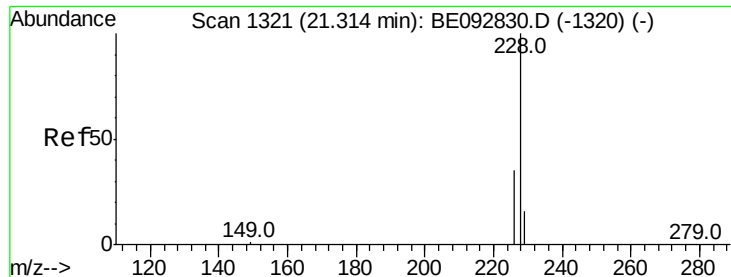


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#28

Chrysene

Concen: 0.03 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

Instrument :

BNA_E

ClientSampleId :

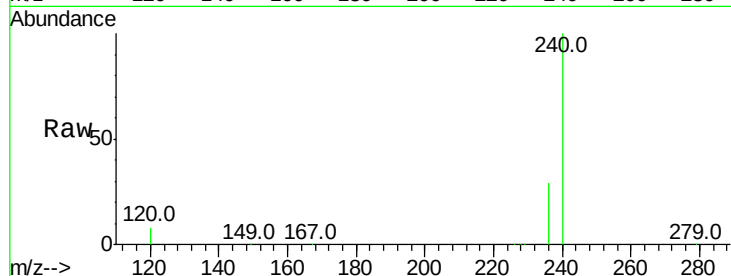
Tot Ion:228 Resp: 307

Ion Ratio Lower Upper

228 100

226 35.6 36.3 54.5#

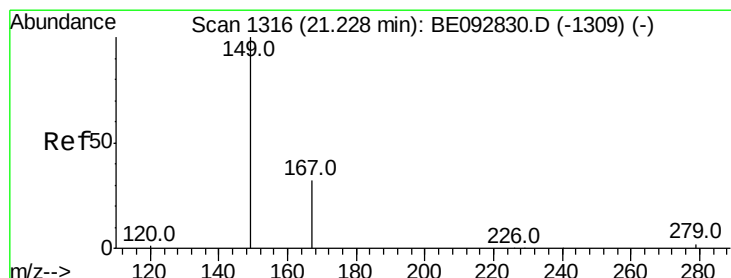
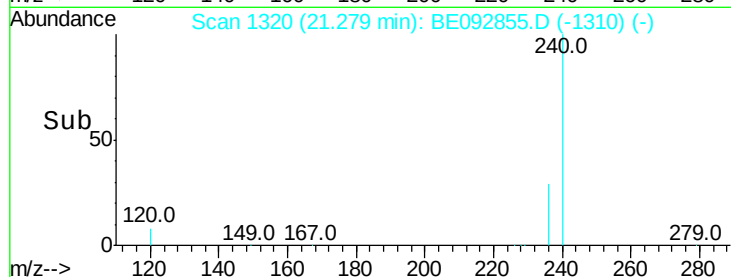
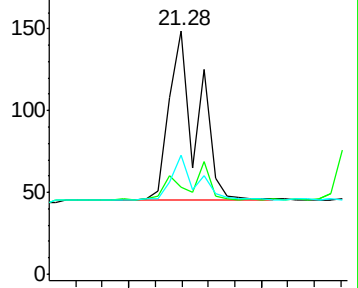
229 49.0 10.6 16.0#



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



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng

RT: 21.21 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BE092855.D

Acq: 29 Mar 2017 3:03

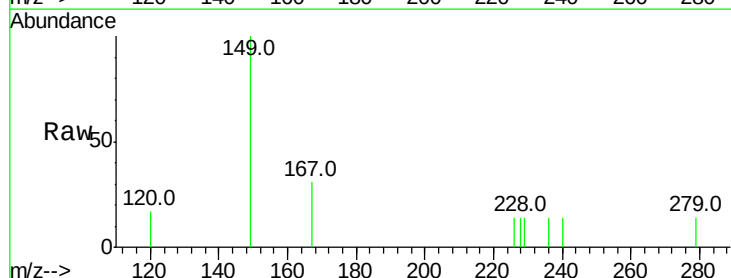
Tgt Ion:149 Resp: 317

Ion Ratio Lower Upper

149 100

167 22.1 16.0 24.0

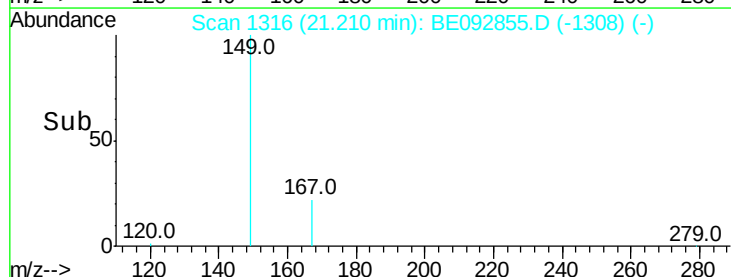
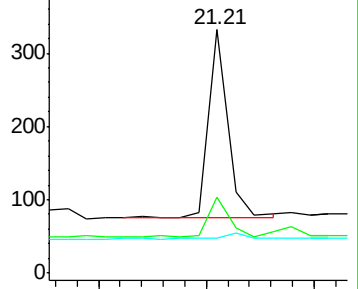
279 4.1 16.0 24.0#

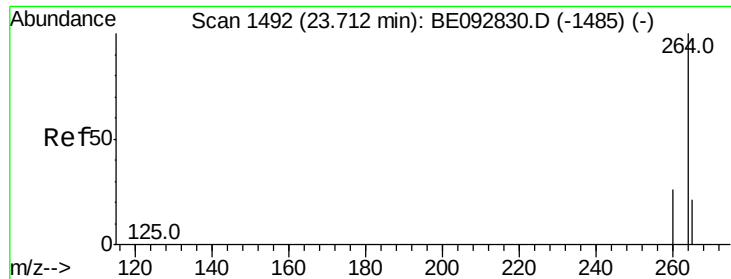


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

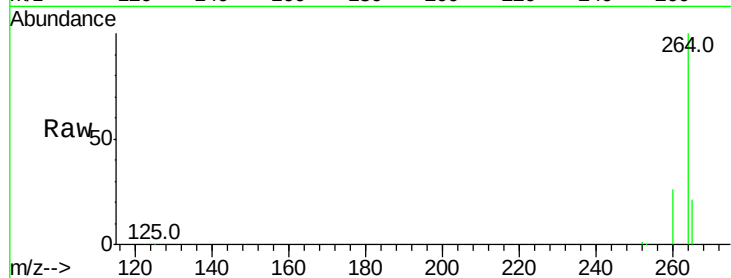




#31
Pervlene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE092855.D
Acq: 29 Mar 2017 3:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:	264	Resp:	39895
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.1	30.1
265	21.0	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

