

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040717\
 Data File : BE092892.D
 Acq On : 7 Apr 2017 13:17
 Operator : SJ/MA
 Sample : PB98124BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98124BL

Quant Time: Apr 08 01:06:58 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 16:35:54 2017
 Response via : Initial Calibration

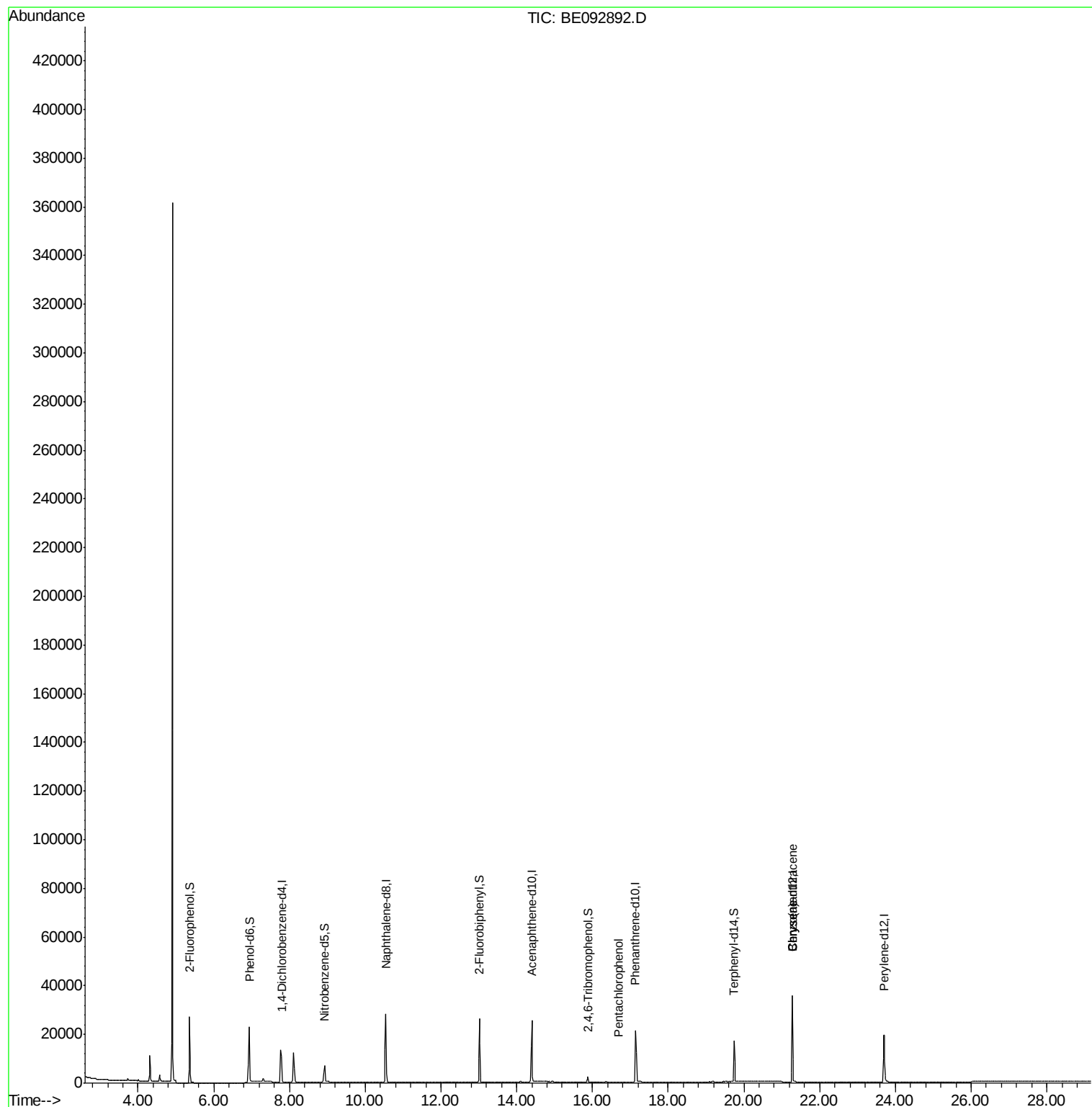
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	9762	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	40153	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	16936	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	36038	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	36824	5.00	ng	-0.02
31) Perylene-d12	23.71	264	31247	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	18900	9.61	ng	0.00
5) Phenol-d6	6.94	99	27340	9.69	ng	0.00
8) Nitrobenzene-d5	8.93	82	7901	3.43	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	1537	7.06	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	24263	4.24	ng	-0.01
26) Terphenyl-d14	19.74	244	22154	3.91	ng	-0.02
Target Compounds						
20) Pentachlorophenol	16.69	266	1	0.13	ng	# 72
27) Benzo(a)anthracene	21.28	228	215	0.03	ng	# 60
28) Chrysene	21.28	228	218	0.02	ng	# 72
29) Bis(2-ethylhexyl)phthalate	21.21	149	11	Below Cal		# 55

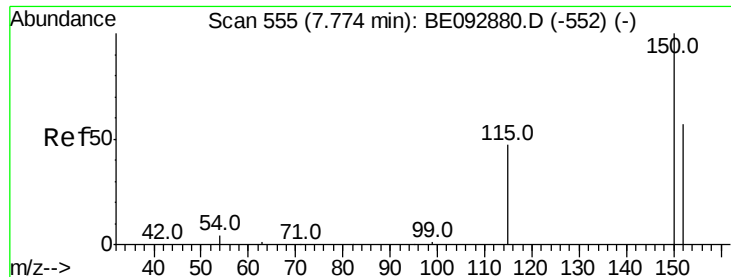
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040717\
Data File : BE092892.D
Acq On : 7 Apr 2017 13:17
Operator : SJ/MA
Sample : PB98124BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB98124BL

Quant Time: Apr 08 01:06:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:35:54 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 556

Delta R.T. -0.00 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

Instrument :

BNA_E

ClientSampleId :

PB98124BL

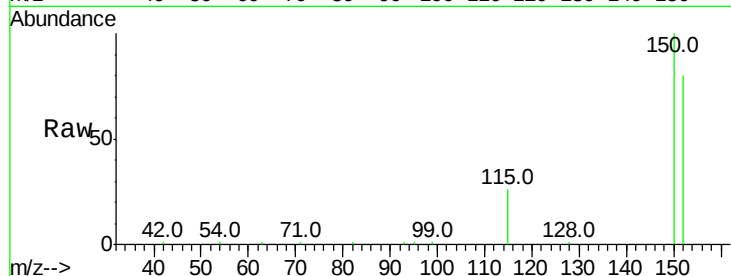
Tot Ion:152 Resp: 9762

Ion Ratio Lower Upper

152 100

150 124.7 106.0 159.0

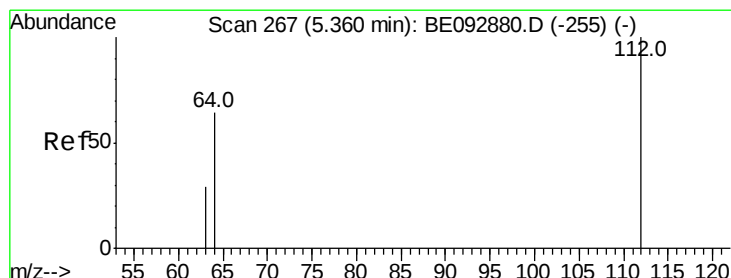
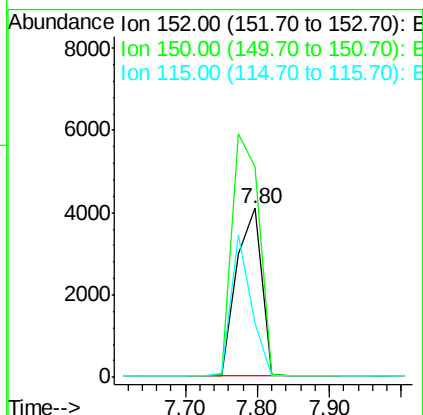
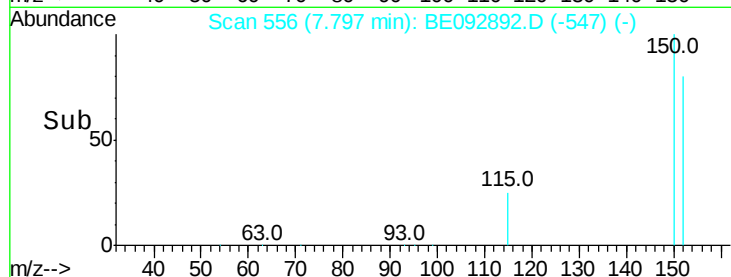
115 32.3 31.2 46.8



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: 9.61 ng

RT: 5.37 min Scan# 268

Delta R.T. 0.00 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

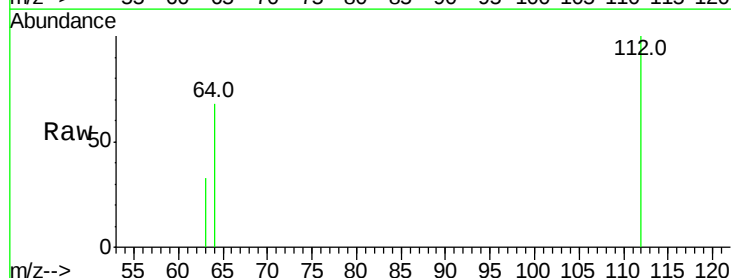
Tgt Ion:112 Resp: 18900

Ion Ratio Lower Upper

112 100

64 69.3 53.5 80.3

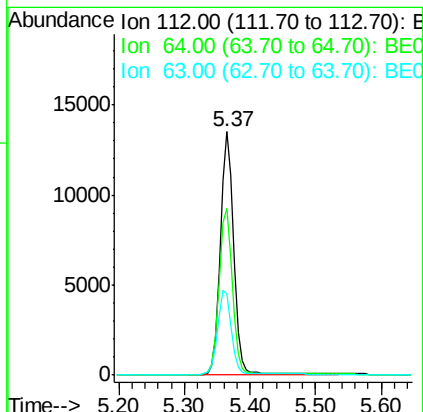
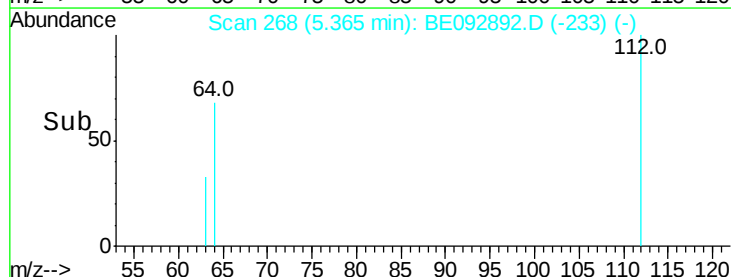
63 35.7 27.9 41.9

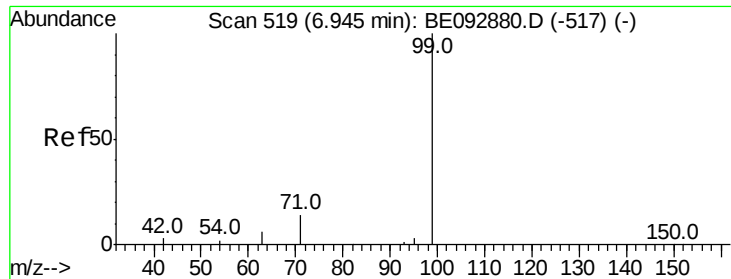


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.69 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

Instrument :

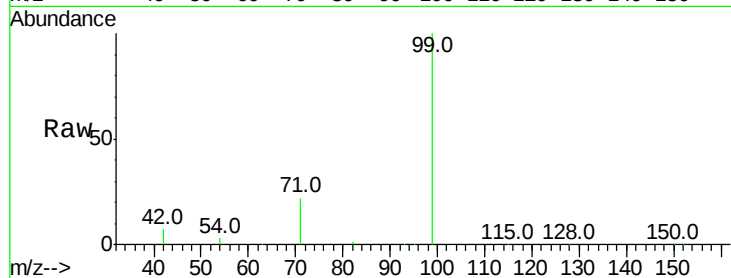
BNA_E

ClientSampleId :

PB98124BL

Tot Ion: 99 Resp: 27340

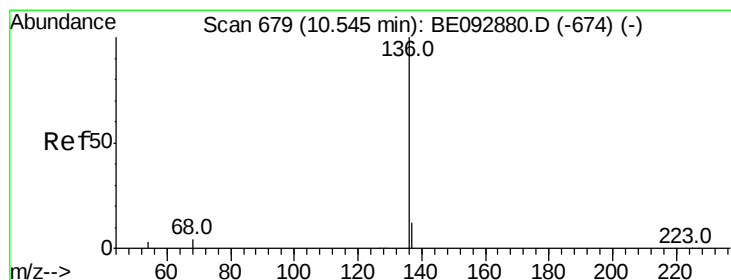
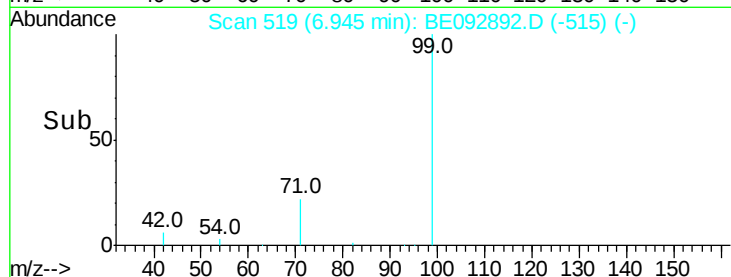
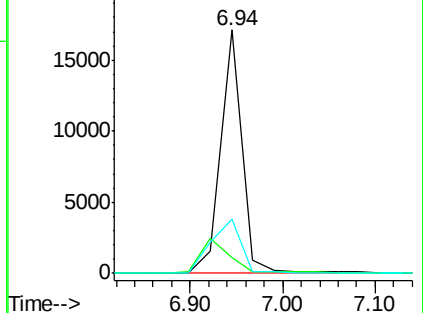
Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	30.8	30.6	45.8



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 679

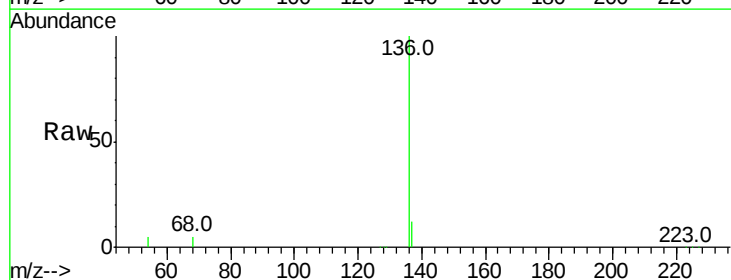
Delta R.T. -0.00 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

Tgt Ion: 136 Resp: 40153

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	5.4	9.6	14.4#
68	5.3	6.7	10.1#

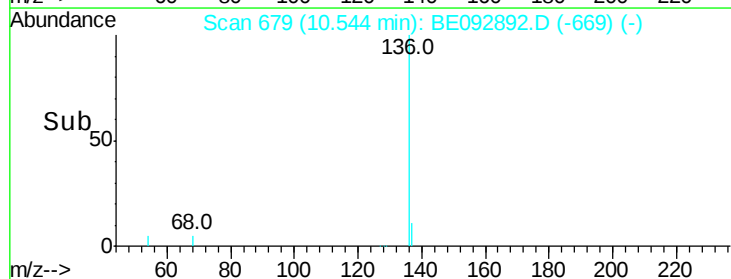
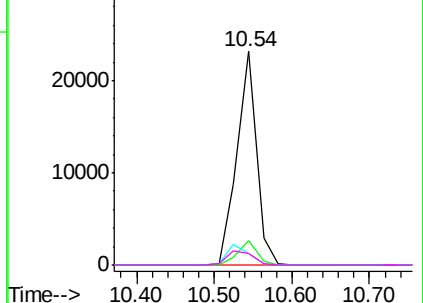


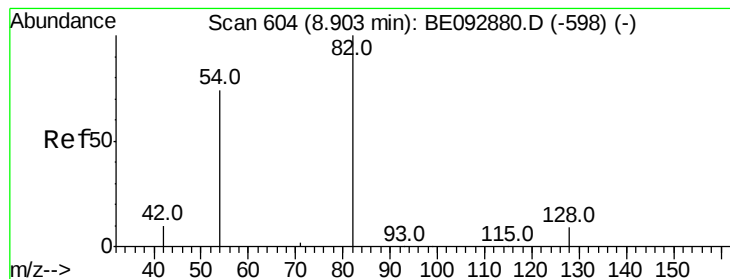
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.43 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

Instrument :

BNA_E

ClientSampleID :

PB98124BL

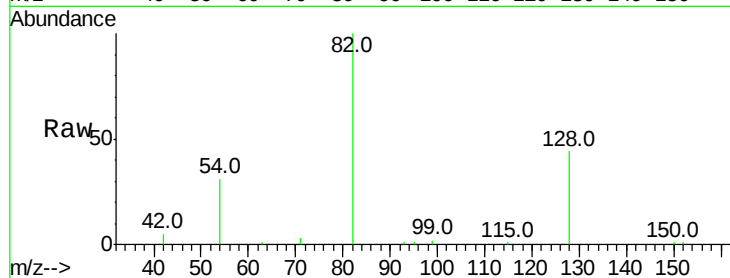
Tot Ion: 82 Resp: 7901

Ion Ratio Lower Upper

82 100

128 43.7 39.0 58.4

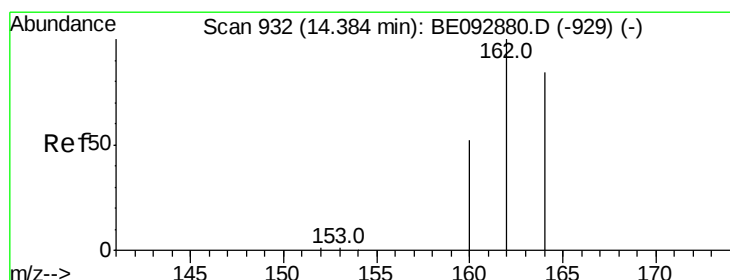
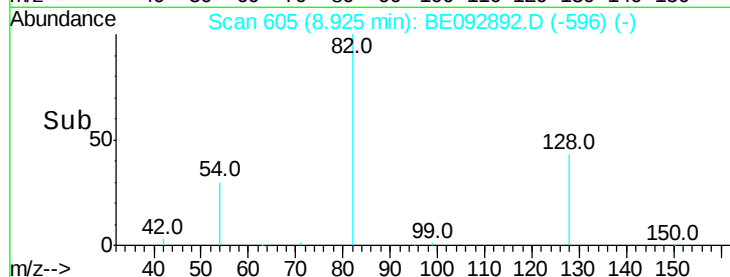
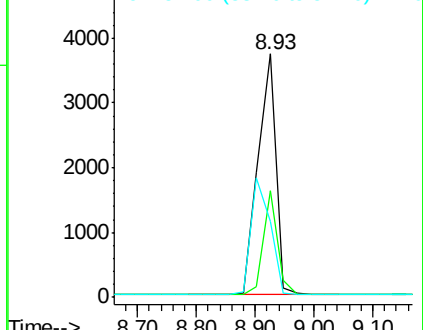
54 31.1 44.8 67.2#



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: BE092892.D

Acq: 7 Apr 2017 13:17

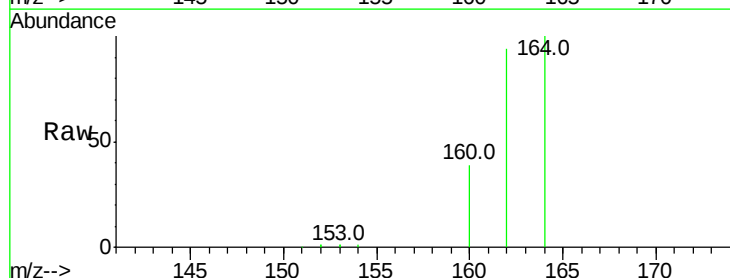
Tgt Ion:164 Resp: 16936

Ion Ratio Lower Upper

164 100

162 94.4 71.4 107.0

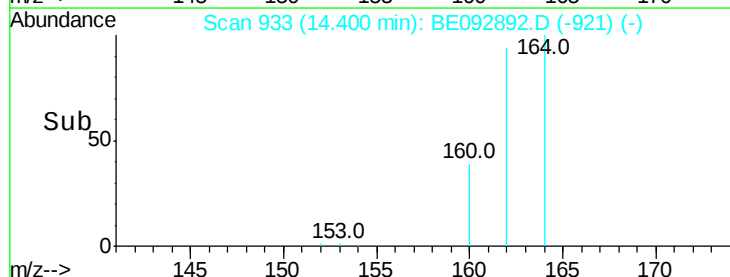
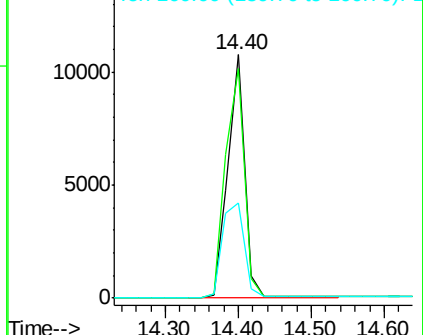
160 38.8 27.4 41.2

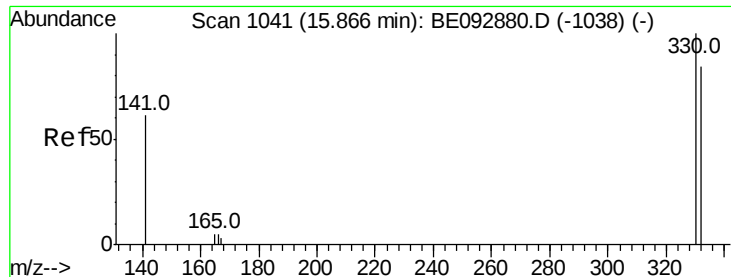


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

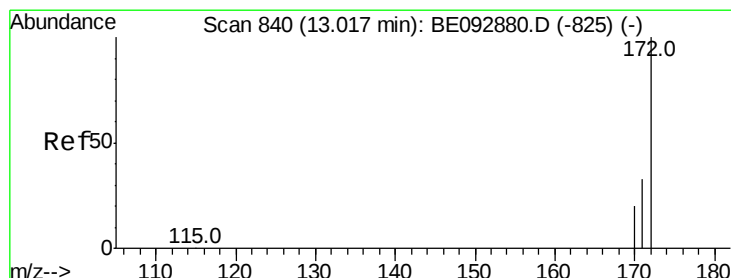
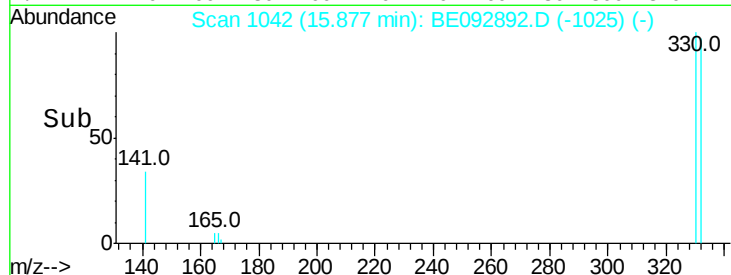
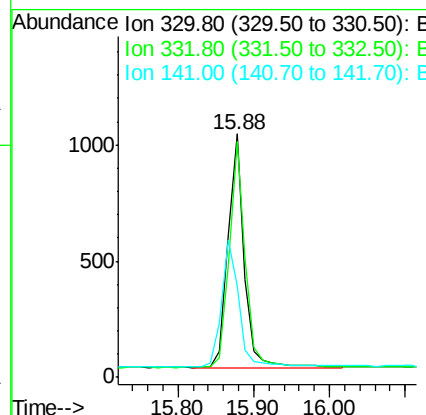
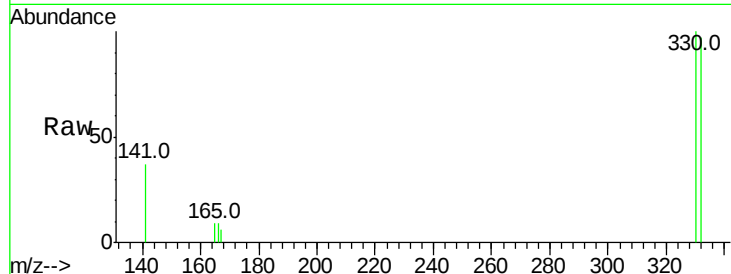




#13
 2,4,6-Tribromophenol
 Concen: 7.06 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE092892.D
 Acq: 7 Apr 2017 13:17

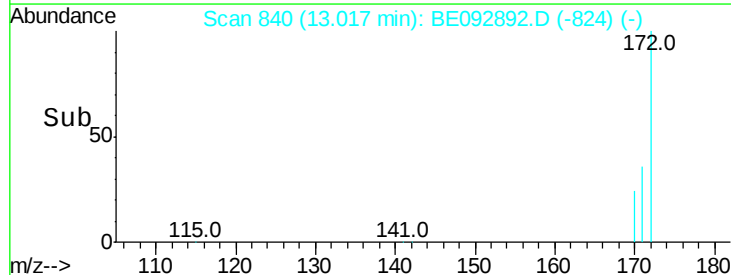
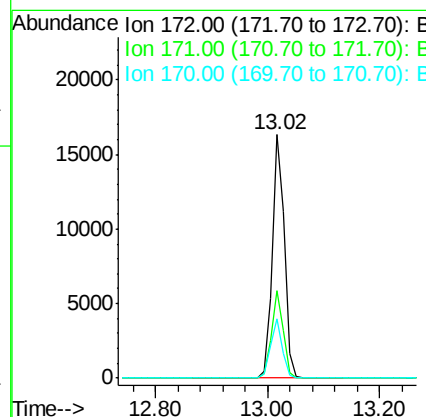
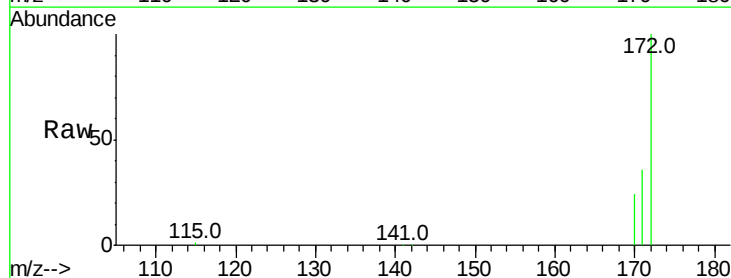
Instrument :
 BNA_E
 ClientSampleId :
 PB98124BL

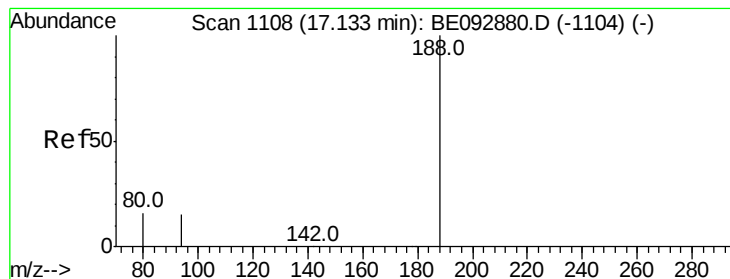
Tot Ion:330 Resp: 1537
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 57.1 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 4.24 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092892.D
 Acq: 7 Apr 2017 13:17

Tgt Ion:172 Resp: 24263
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.1 45.1
 170 24.4 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.13 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

Instrument :

BNA_E

ClientSampleId :

PB98124BL

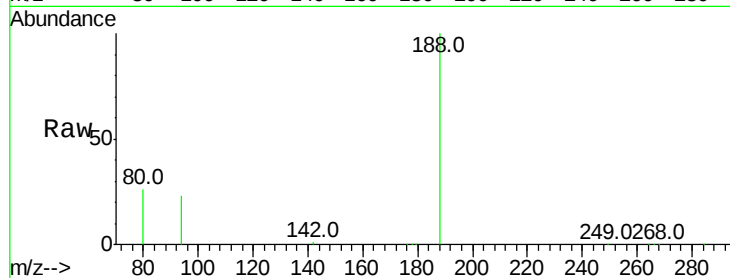
Tot Ion:188 Resp: 36038

Ion Ratio Lower Upper

188 100

94 23.1 3.2 4.8#

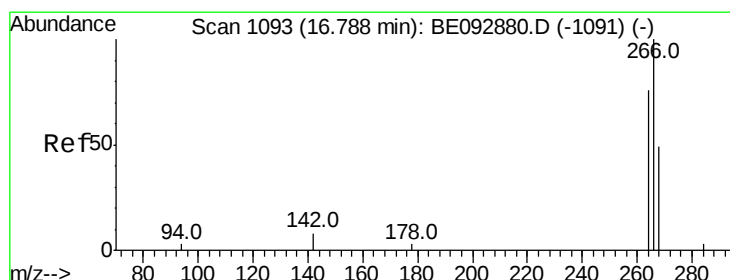
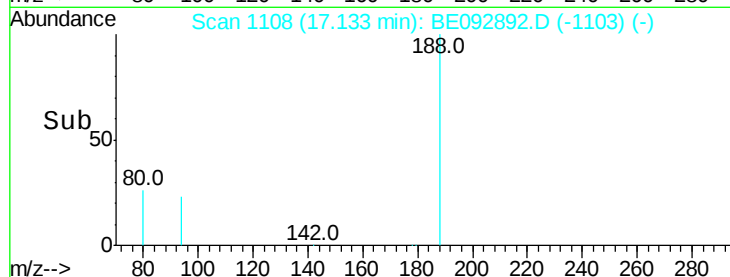
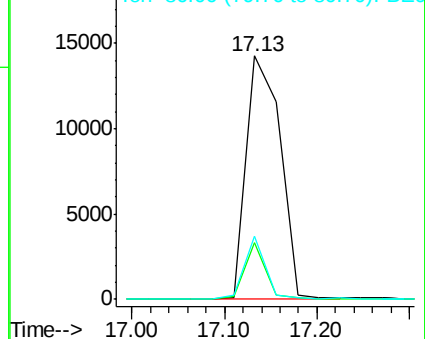
80 26.1 2.6 3.8#



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: 0.13 ng

RT: 16.69 min Scan# 1089

Delta R.T. -0.12 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

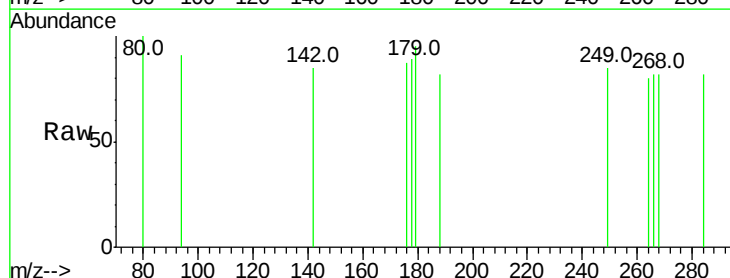
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

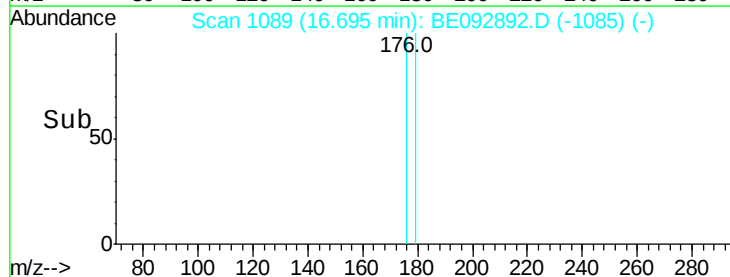
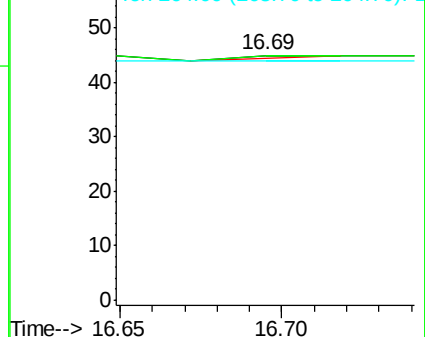
264 97.8 57.2 85.8#

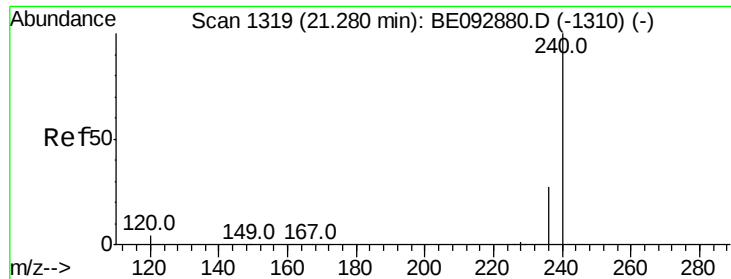


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

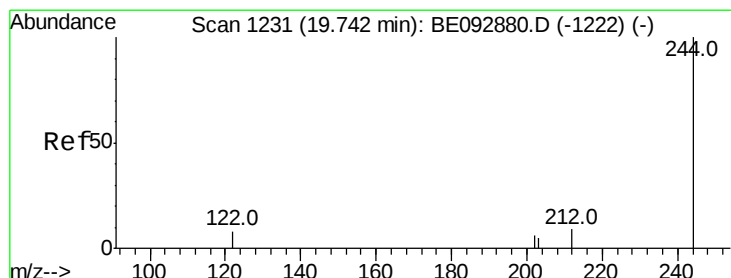
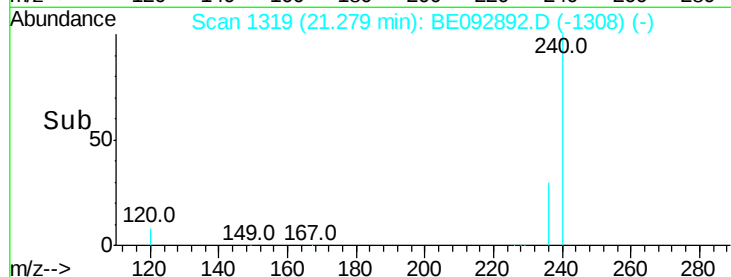
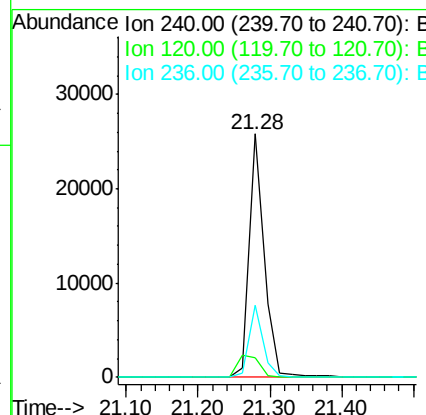
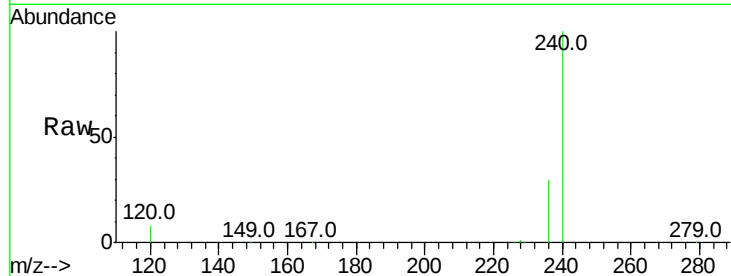




#24
 Chrvsene-d12
 Concen: 5.00 ng
 RT: 21.28 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BE092892.D
 Acq: 7 Apr 2017 13:17

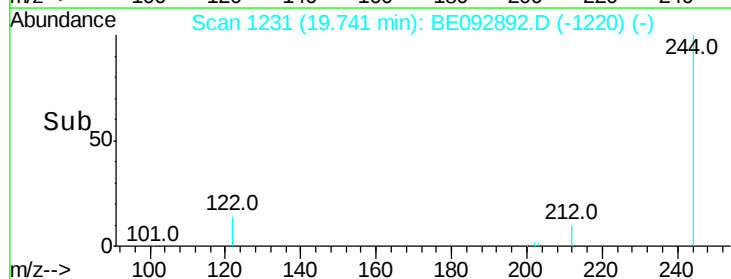
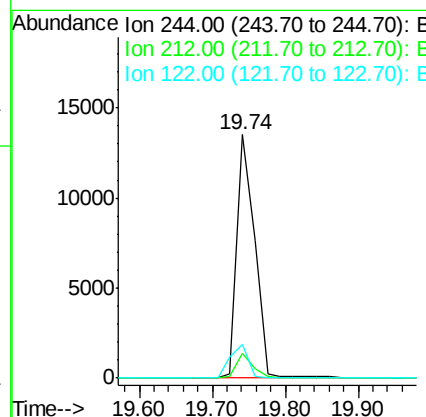
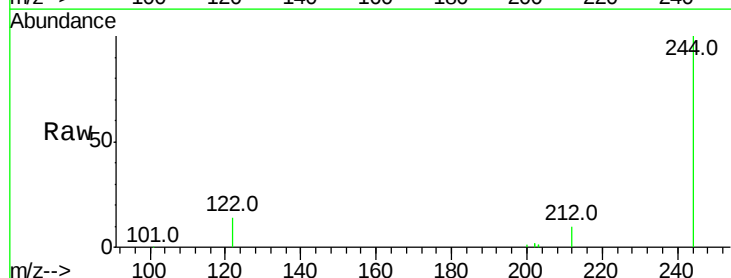
Instrument :
 BNA_E
 ClientSampleId :
 PB98124BL

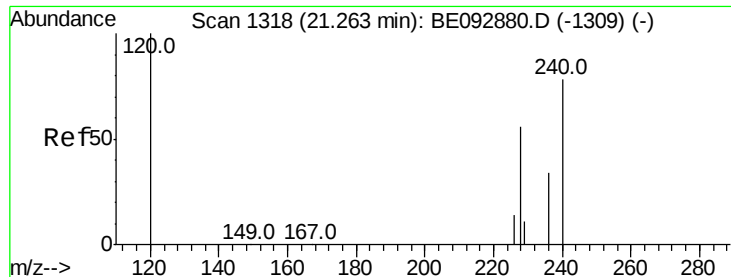
Tot Ion:240 Resp: 36824
 Ion Ratio Lower Upper
 240 100
 120 8.1 2.6 4.0#
 236 29.6 24.6 37.0



#26
 Terphenyl-d14
 Concen: 3.91 ng
 RT: 19.74 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BE092892.D
 Acq: 7 Apr 2017 13:17

Tgt Ion:244 Resp: 22154
 Ion Ratio Lower Upper
 244 100
 212 10.0 6.7 10.1
 122 13.9 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.28 min Scan# 1319

Delta R.T. 0.02 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

Instrument :

BNA_E

ClientSampleId :

PB98124BL

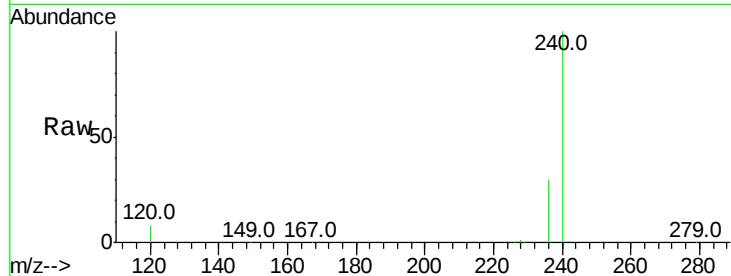
Tot Ion:228 Resp: 215

Ion Ratio Lower Upper

228 100

226 39.3 23.6 35.4#

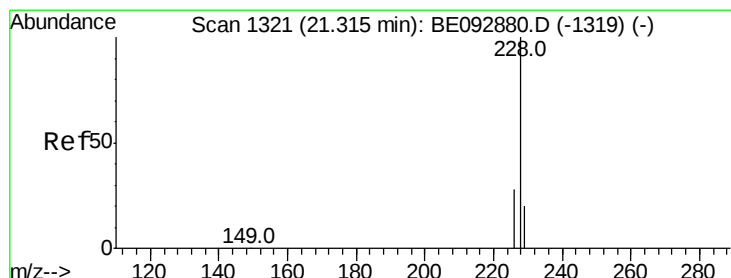
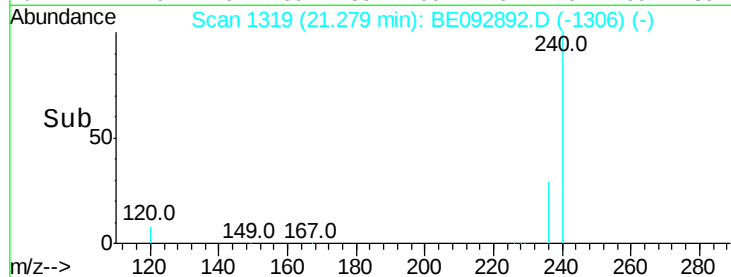
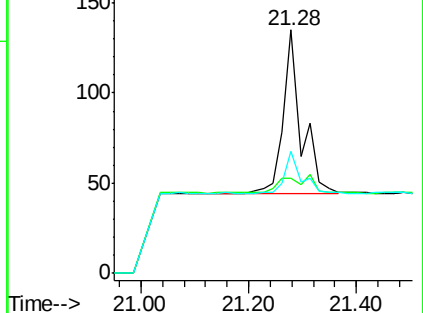
229 50.4 13.3 19.9#



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: 0.02 ng

RT: 21.28 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

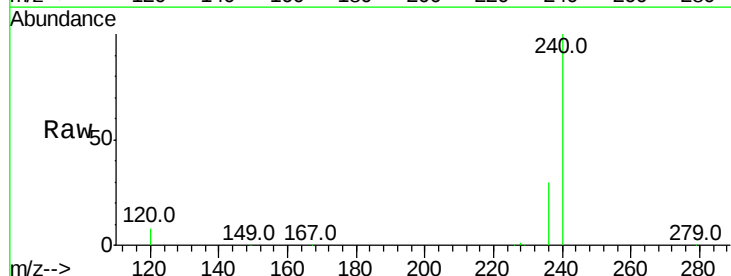
Tgt Ion:228 Resp: 218

Ion Ratio Lower Upper

228 100

226 39.3 36.3 54.5

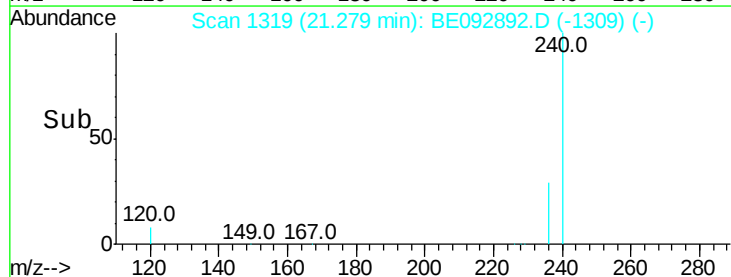
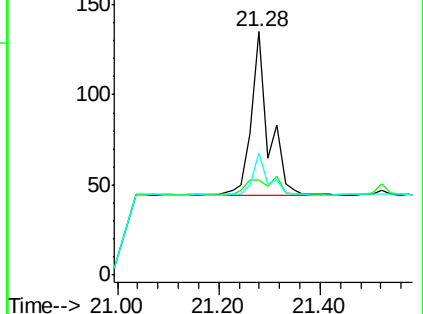
229 50.4 10.6 16.0#

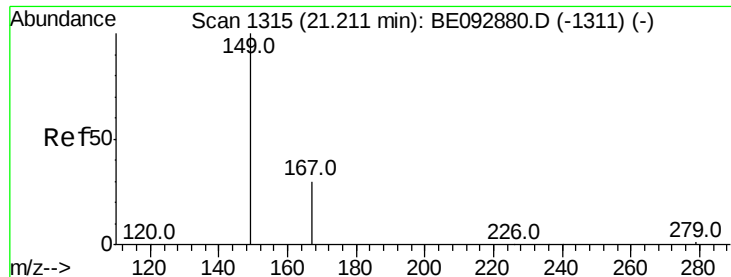


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.21 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

Instrument :

BNA_E

ClientSampleId :

PB98124BL

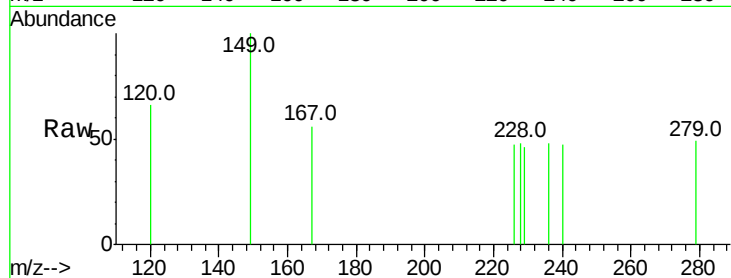
Tot Ion:149 Resp: 11

Ion Ratio Lower Upper

149 100

167 45.5 16.0 24.0#

279 36.4 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

21.21

80

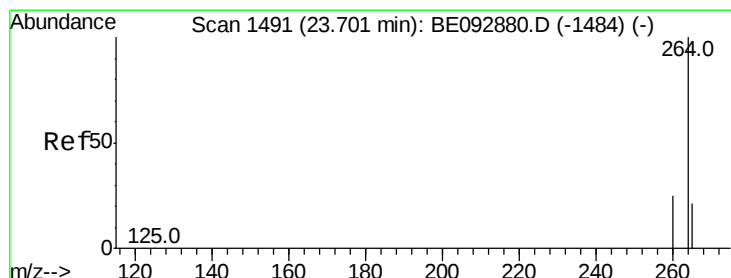
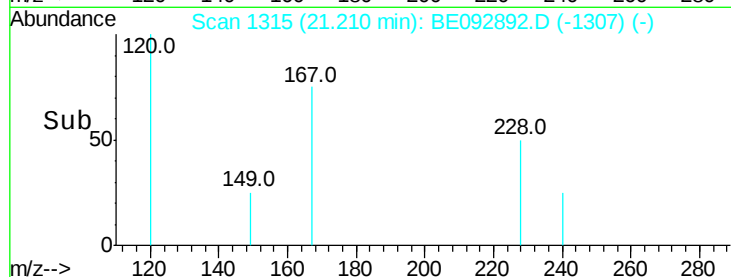
60

40

20

0

Time--> 21.15 21.20 21.25



#31

Perylene-d12

Concen: 5.00 ng

RT: 23.71 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE092892.D

Acq: 7 Apr 2017 13:17

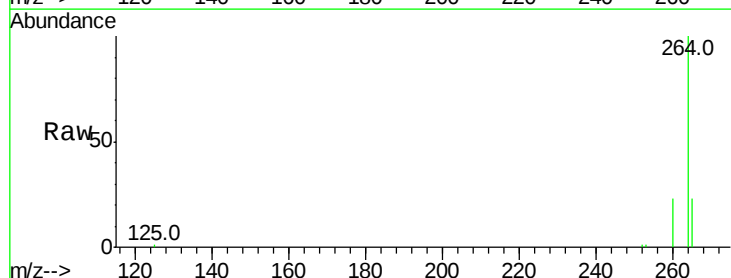
Tgt Ion:264 Resp: 31247

Ion Ratio Lower Upper

264 100

260 23.5 20.1 30.1

265 23.2 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

23.71

15000

10000

5000

0

Time--> 23.60 23.80

