

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050917\
 Data File : BE092961.D
 Acq On : 9 May 2017 12:56
 Operator : SJ/MA
 Sample : PB98776BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98776BL

Quant Time: May 09 17:27:47 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 15:34:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	916	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3442	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	1456	0.40	ng	0.02
19) Phenanthrene-d10	17.16	188	3276	0.40	ng	0.02
26) Chrysene-d12	21.28	240	4064	0.40	ng	0.00
33) Perylene-d12	23.70	264	3741	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	757	0.37	ng	0.00
5) Phenol-d6	6.94	99	800	0.28	ng	0.00
8) Nitrobenzene-d5	8.90	82	656	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1101	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	85	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	1686	0.25	ng	0.02
24) Fluoranthene-d10	19.15	212	2676	0.35	ng	0.00
28) Terphenyl-d14	19.76	244	1757	0.25	ng	0.02

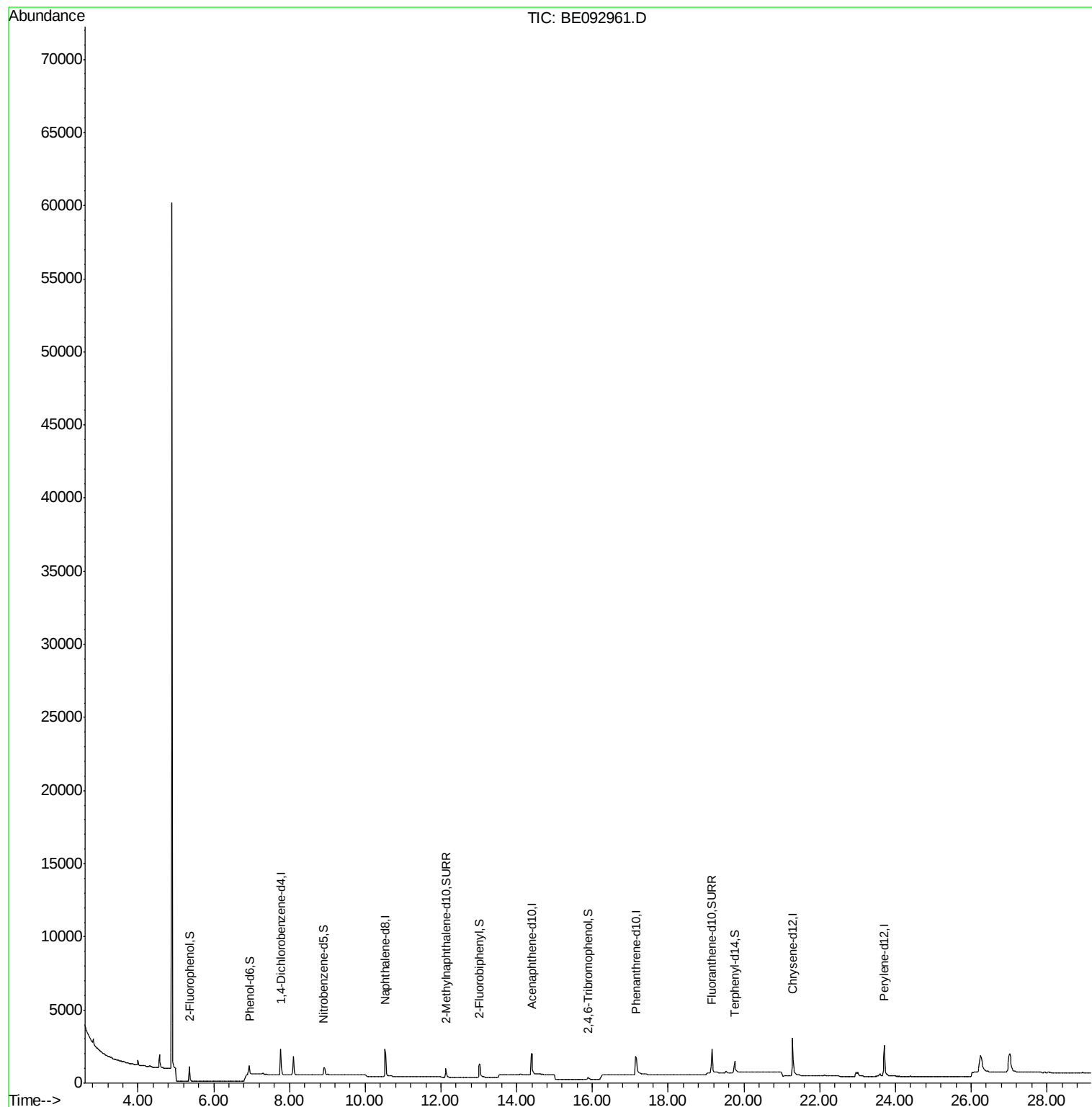
Target Compounds	Qvalue
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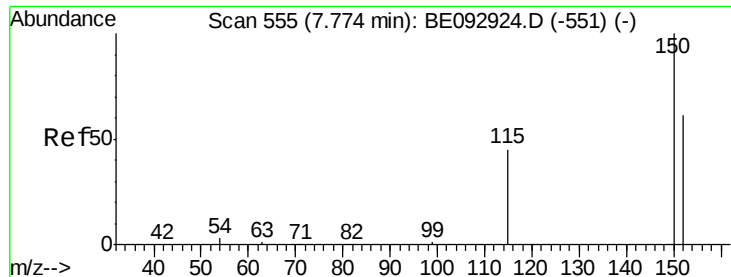
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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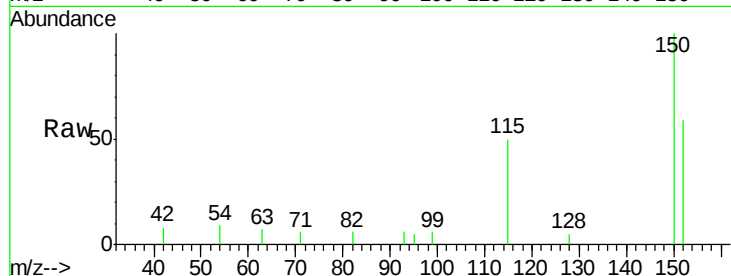


#1

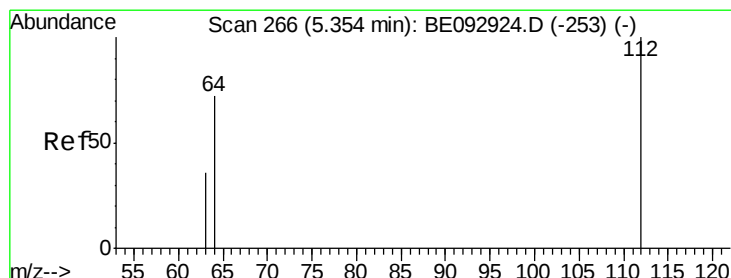
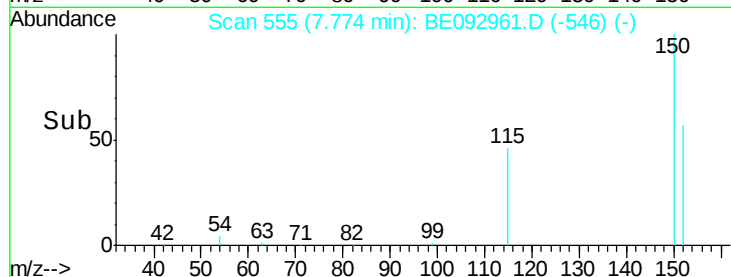
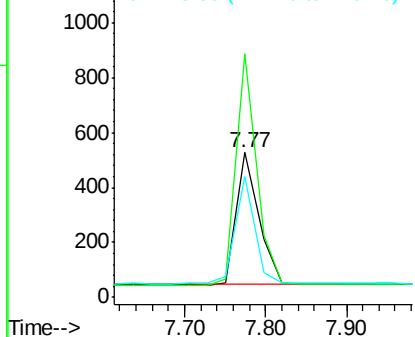
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092961.D
Acq: 9 May 2017 12:56

Instrument :
BNA_E
ClientSampleId :
PB98776BL

Tgt Ion:152 Resp: 916
Ion Ratio Lower Upper
152 100
150 168.3 129.9 194.9
115 83.5 62.6 93.8



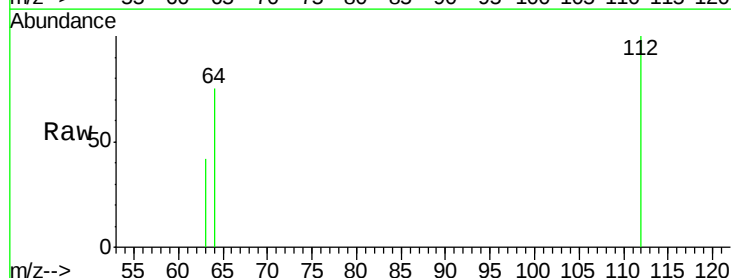
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



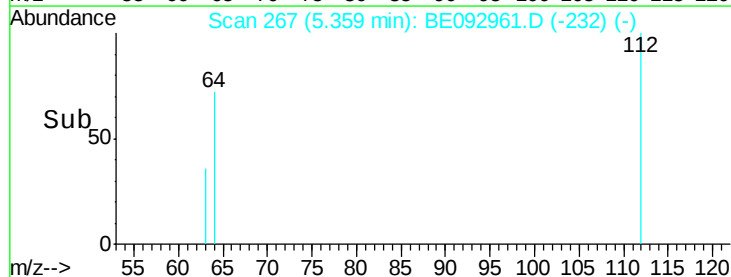
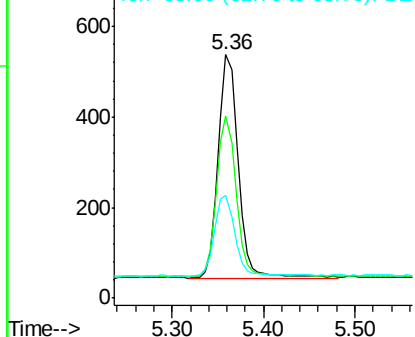
#4

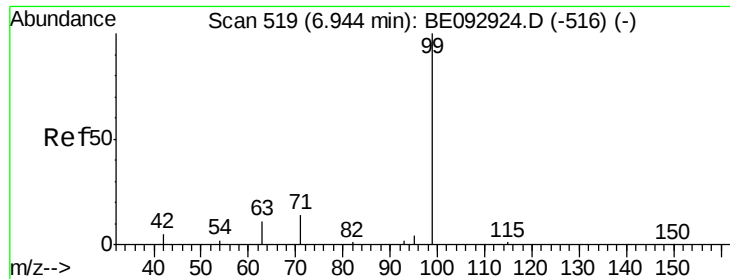
2-Fluorophenol
Concen: 0.37 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092961.D
Acq: 9 May 2017 12:56

Tgt Ion:112 Resp: 757
Ion Ratio Lower Upper
112 100
64 69.9 52.6 79.0
63 35.4 29.0 43.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.28 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092961.D

Acq: 9 May 2017 12:56

Instrument :

BNA_E

ClientSampleId :

PB98776BL

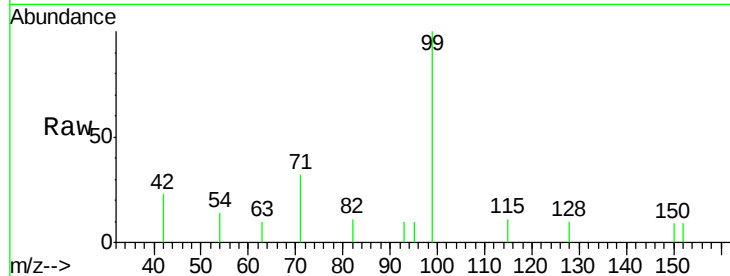
Tgt Ion: 99 Resp: 800

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

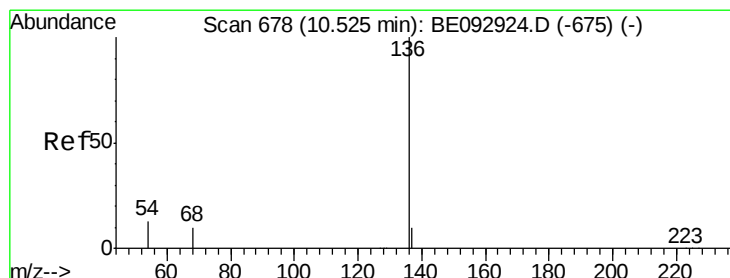
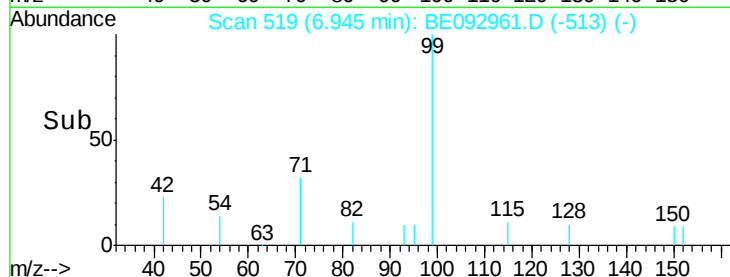
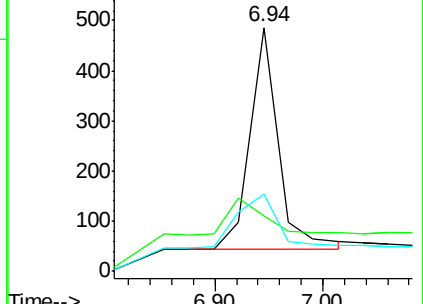
71 35.1 0.0 0.0#



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: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092961.D

Acq: 9 May 2017 12:56

Tgt Ion: 136 Resp: 3442

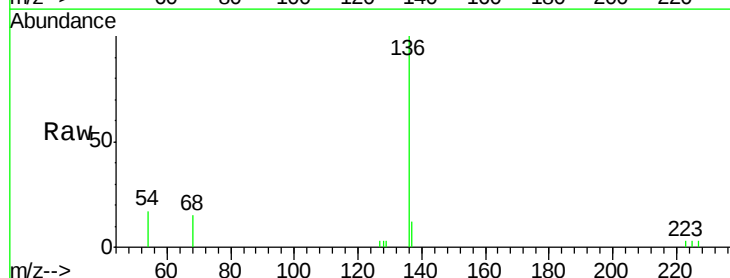
Ion Ratio Lower Upper

136 100

137 12.5 10.4 15.6

54 17.3 12.6 18.8

68 14.6 10.7 16.1

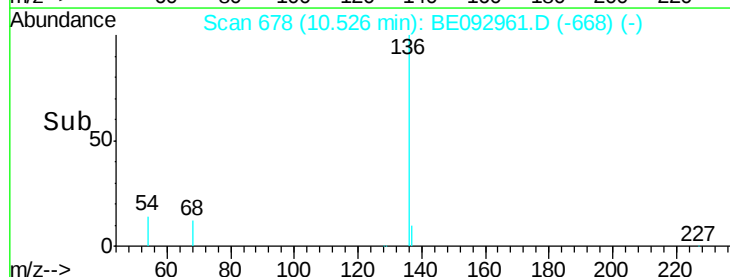
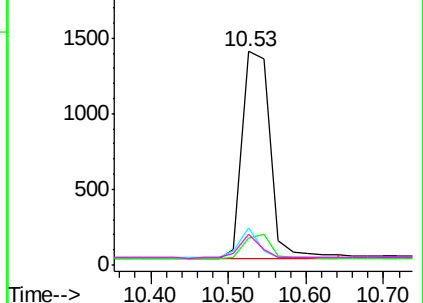


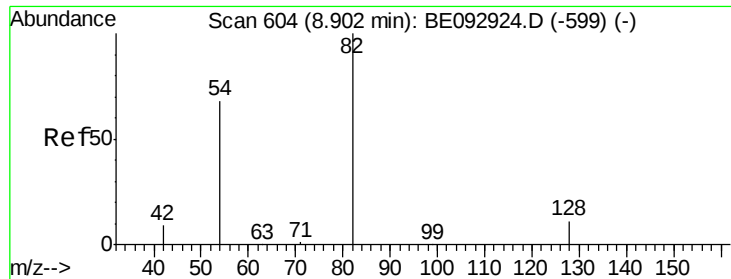
Abundance Ion 136.00 (135.70 to 136.70): E

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

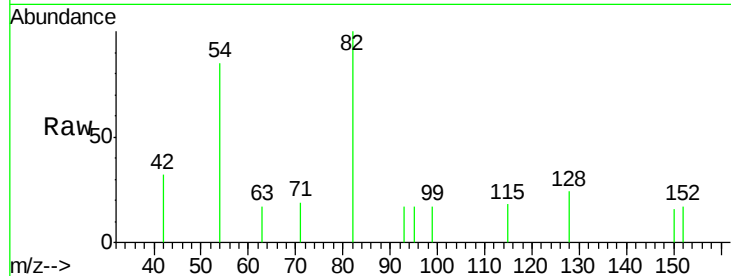




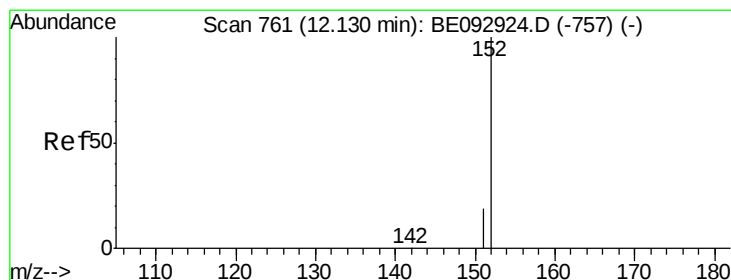
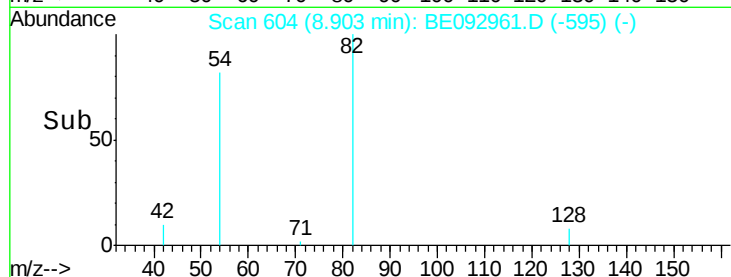
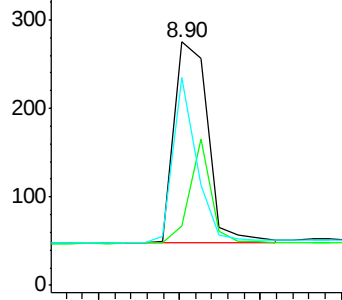
#8
 Nitrobenzene-d5
 Concen: 0.28 ng
 RT: 8.90 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BE092961.D
 Acq: 9 May 2017 12:56

Instrument :
 BNA_E
 ClientSampleId :
 PB98776BL

Tgt Ion: 82 Resp: 656
 Ion Ratio Lower Upper
 82 100
 128 24.4 35.3 52.9#
 54 85.5 65.1 97.7

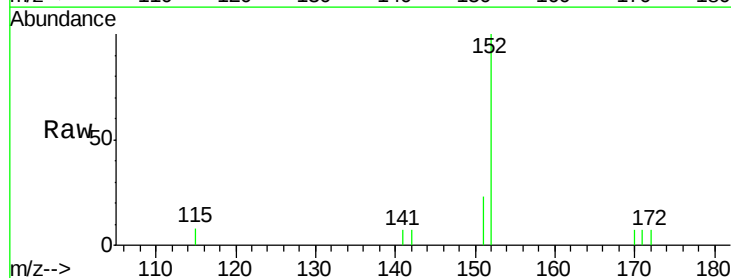


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

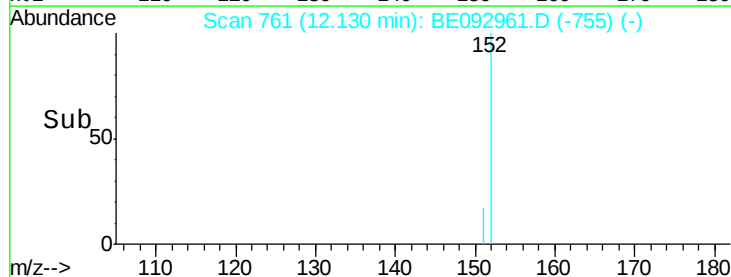
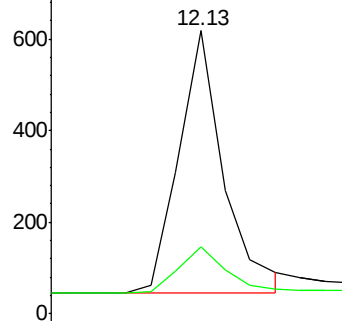


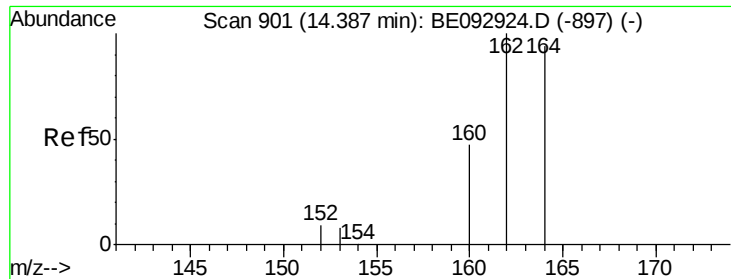
#11
 2-Methylnaphthalene-d10
 Concen: 0.22 ng
 RT: 12.13 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE092961.D
 Acq: 9 May 2017 12:56

Tgt Ion: 152 Resp: 1101
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.40 min Scan# 902

Delta R.T. 0.02 min

Lab File: BE092961.D

Acq: 9 May 2017 12:56

Instrument :

BNA_E

ClientSampleId :

PB98776BL

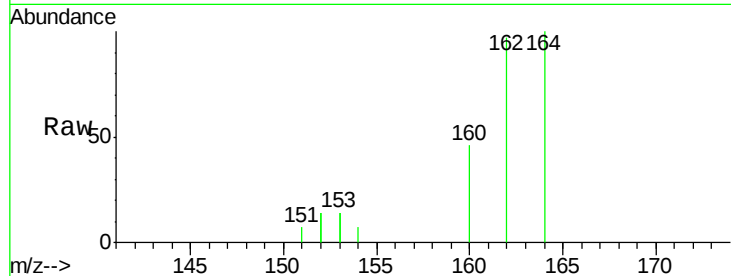
Tgt Ion:164 Resp: 1456

Ion Ratio Lower Upper

164 100

162 96.9 86.6 130.0

160 46.5 44.5 66.7



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

14.40

600

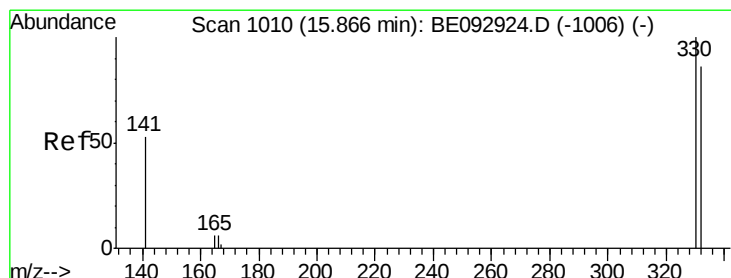
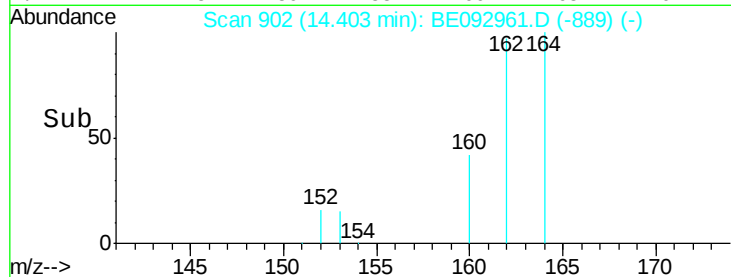
400

200

0

14.30 14.40 14.50

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.37 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BE092961.D

Acq: 9 May 2017 12:56

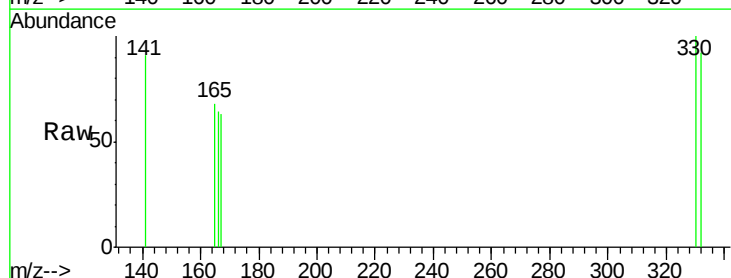
Tgt Ion:330 Resp: 85

Ion Ratio Lower Upper

330 100

332 91.8 69.1 103.7

141 60.0 54.6 81.8



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.88

100

80

60

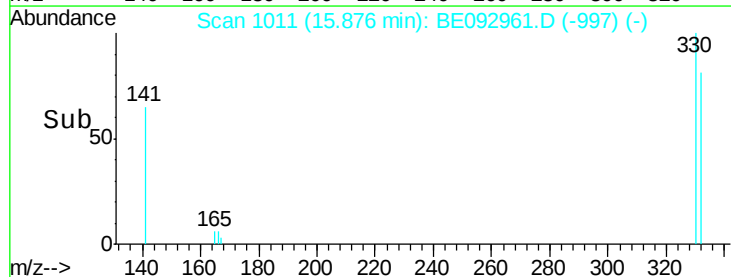
40

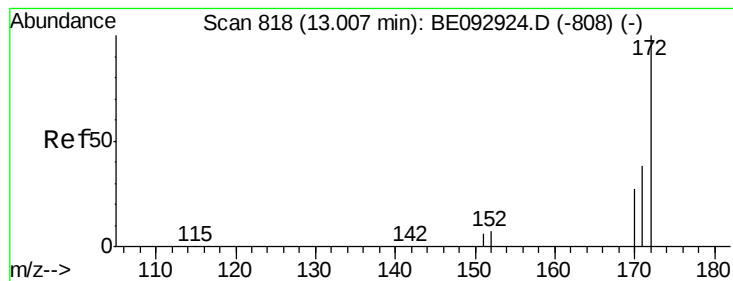
20

0

15.70 15.80 15.90 16.00

Time-->





#15

2-Fluorobiphenyl

Concen: 0.25 ng

RT: 13.02 min Scan# 819

Delta R.T. 0.02 min

Lab File: BE092961.D

Acq: 9 May 2017 12:56

Instrument :

BNA_E

ClientSampleId :

PB98776BL

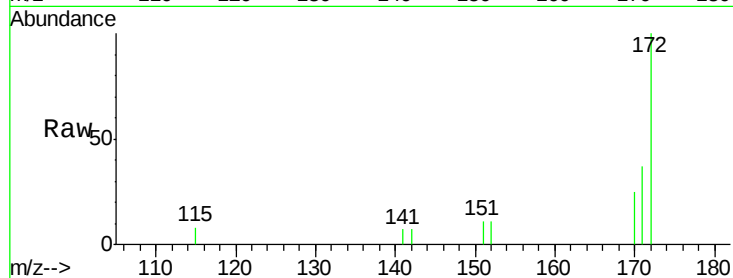
Tgt Ion:172 Resp: 1686

Ion Ratio Lower Upper

172 100

171 36.9 35.8 53.6

170 25.2 28.5 42.7#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

13.02

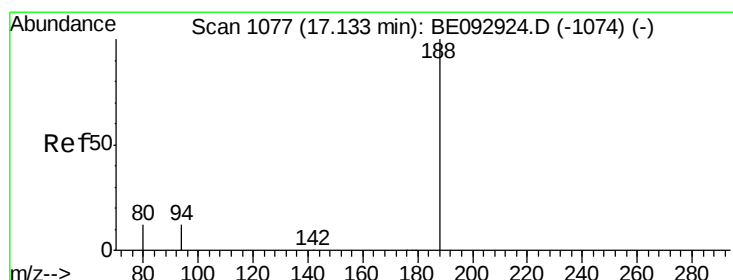
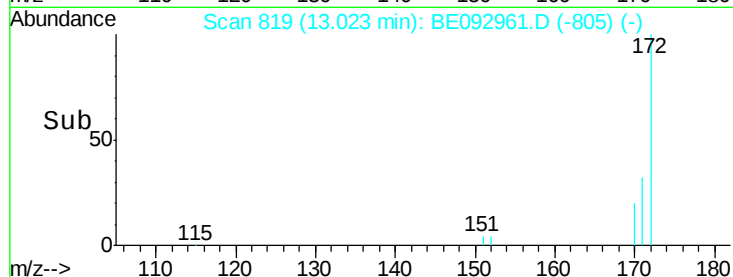
600

400

200

0

Time-->



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.16 min Scan# 1079

Delta R.T. 0.02 min

Lab File: BE092961.D

Acq: 9 May 2017 12:56

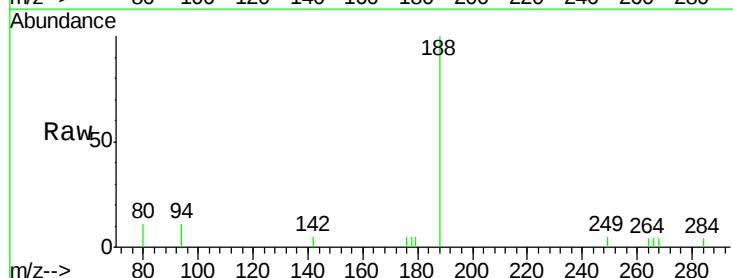
Tgt Ion:188 Resp: 3276

Ion Ratio Lower Upper

188 100

94 10.5 10.2 15.4

80 10.6 10.6 15.8



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

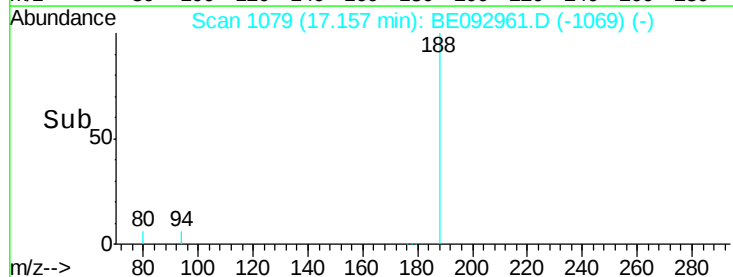
17.16

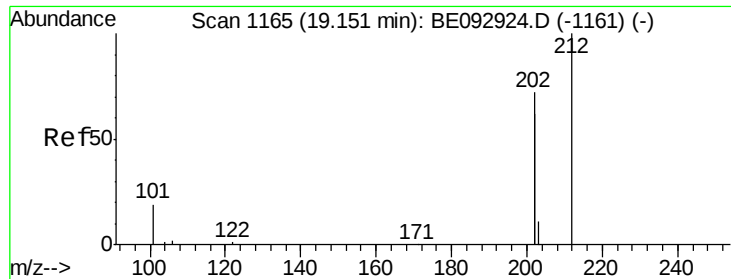
1000

500

0

Time-->

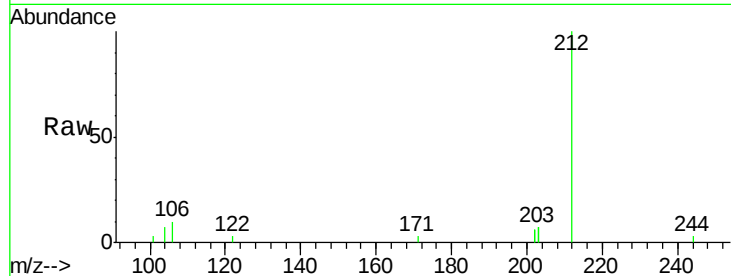




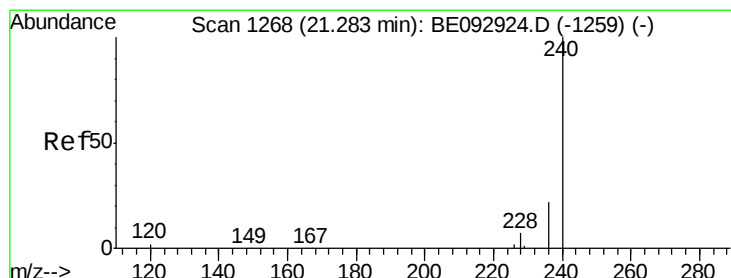
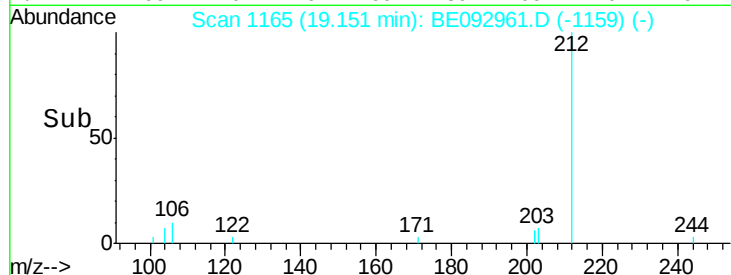
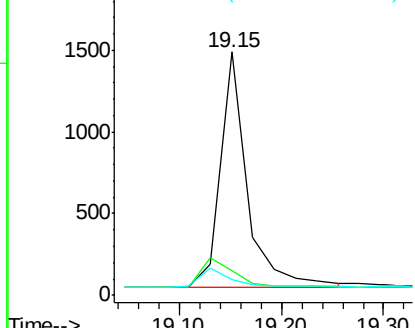
#24
 Fluoranthene-d10
 Concen: 0.35 ng
 RT: 19.15 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BE092961.D
 Acq: 9 May 2017 12:56

Instrument :
 BNA_E
 ClientSampleId :
 PB98776BL

Tgt Ion: 212 Resp: 2676
 Ion Ratio Lower Upper
 212 100
 106 0.0 0.0 0.0
 104 0.0 0.0 0.0

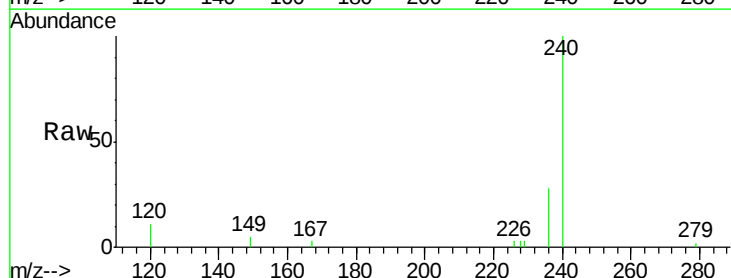


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

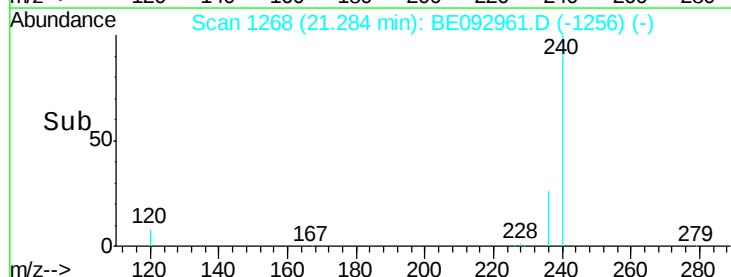
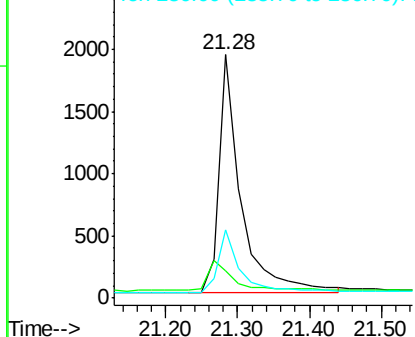


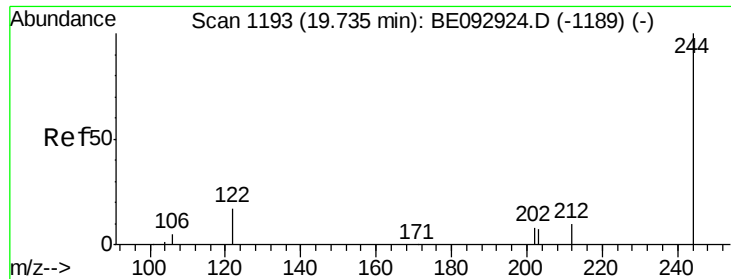
#26
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BE092961.D
 Acq: 9 May 2017 12:56

Tgt Ion: 240 Resp: 4064
 Ion Ratio Lower Upper
 240 100
 120 11.0 4.6 6.8#
 236 28.1 19.8 29.8



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





#28

Terphenyl-d14

Concen: 0.25 ng

RT: 19.76 min Scan# 1194

Delta R.T. 0.02 min

Lab File: BE092961.D

Acq: 9 May 2017 12:56

Instrument :

BNA_E

ClientSampleId :

PB98776BL

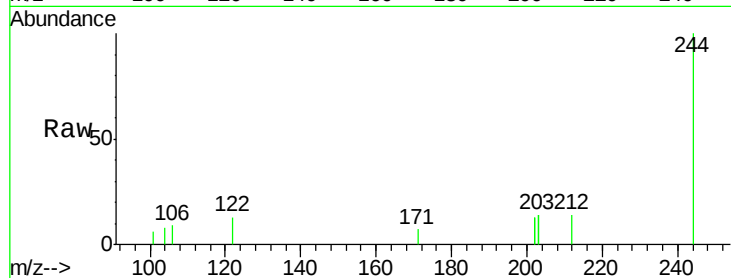
Tgt Ion:244 Resp: 1757

Ion Ratio Lower Upper

244 100

212 13.7 18.4 27.6#

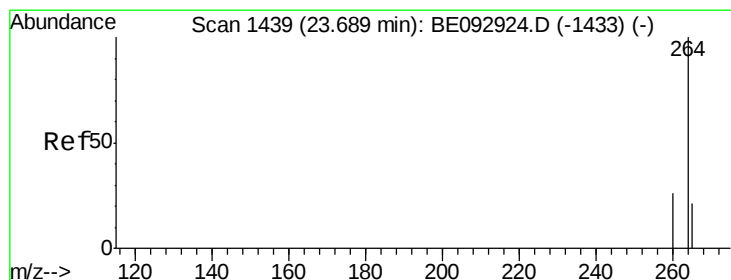
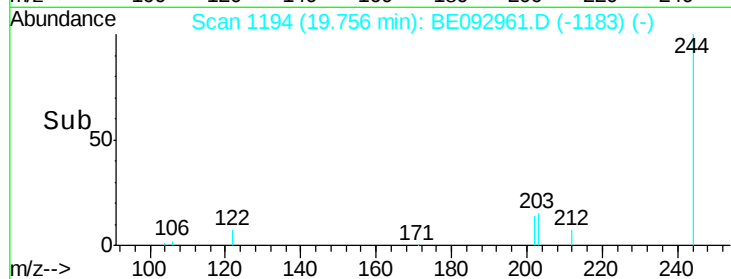
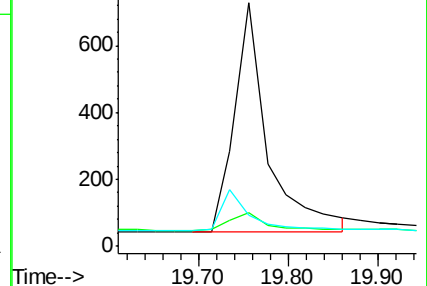
122 12.6 23.3 34.9#



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



#33

Perylene-d12

Concen: 0.40 ng

RT: 23.70 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BE092961.D

Acq: 9 May 2017 12:56

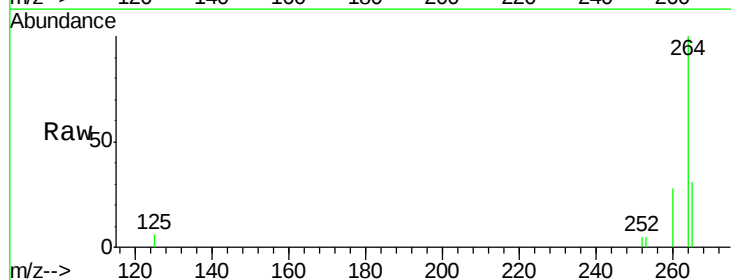
Tgt Ion:264 Resp: 3741

Ion Ratio Lower Upper

264 100

260 27.7 23.5 35.3

265 30.8 27.2 40.8



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

