

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042117\
 Data File : BE092910.D
 Acq On : 21 Apr 2017 15:54
 Operator : SJ/MA
 Sample : I2764-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 22 05:52:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 17:35:10 2017
 Response via : Initial Calibration

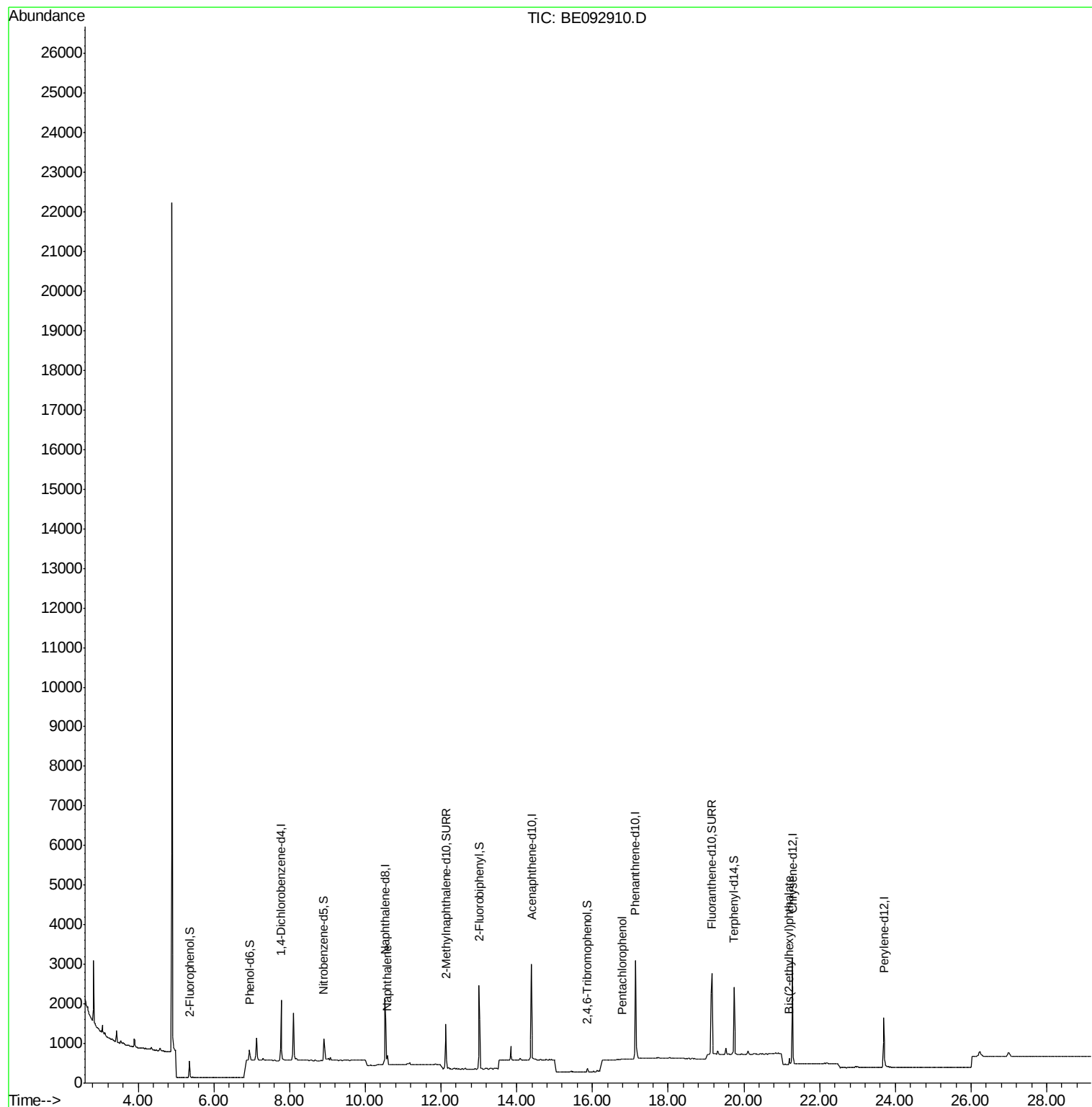
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	695	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2736	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1409	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3299	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3204	0.40	ng	0.00
33) Perylene-d12	23.69	264	2155	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	302	0.20	ng	0.00
5) Phenol-d6	6.95	99	275	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	616	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1637	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	69	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2038	0.31	ng	0.00
24) Fluoranthene-d10	19.15	212	3592	0.45	ng	0.00
28) Terphenyl-d14	19.73	244	2194	0.39	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.58	128	354	0.05	ng	# 82
21) Pentachlorophenol	16.79	266	14	0.18	ng	94
31) Bis(2-ethylhexyl)phthalate	21.20	149	208	0.11	ng	# 92

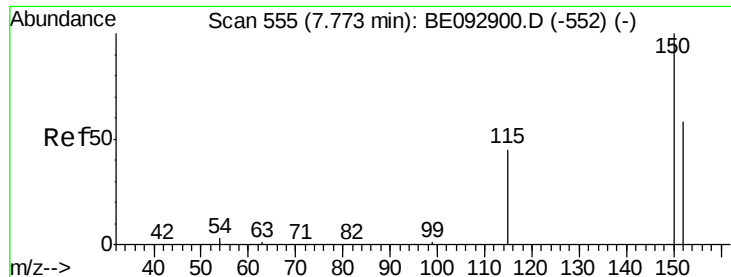
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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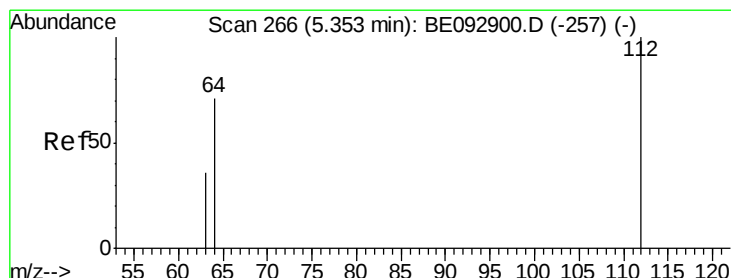
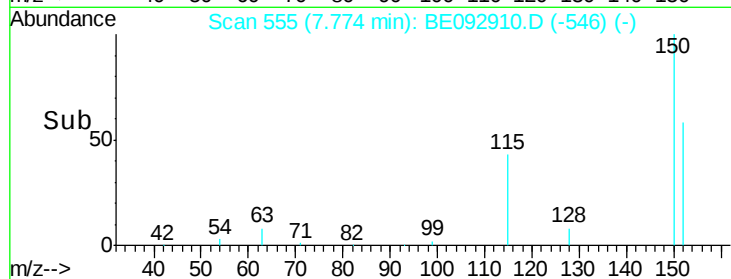
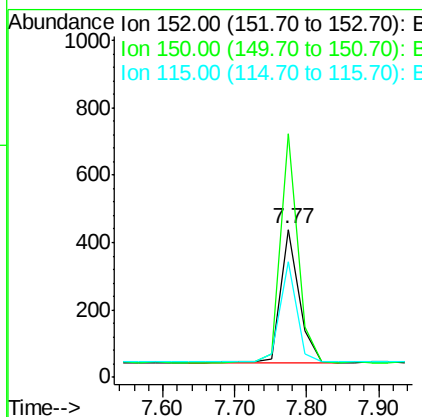
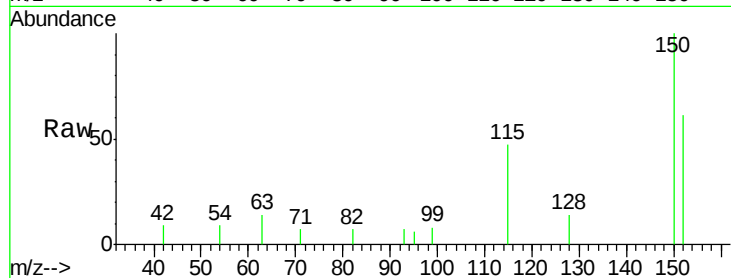




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.77 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

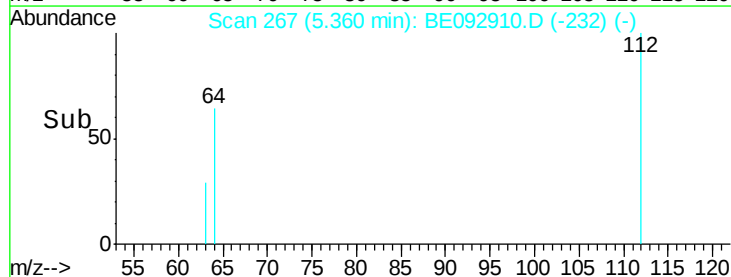
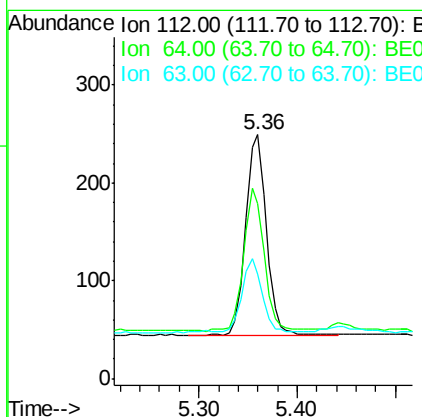
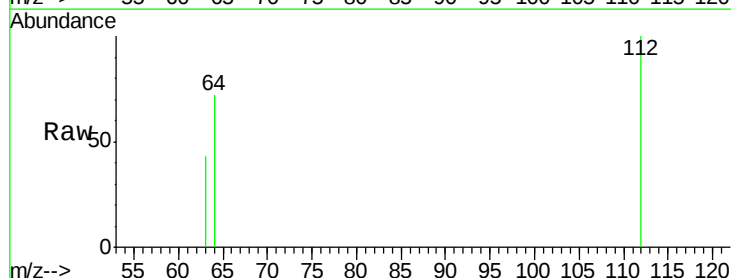
Instrument :
 BNA_E
 ClientSampleId :

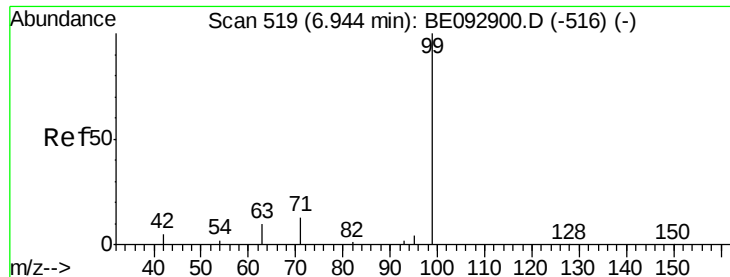
Tot Ion:152 Resp: 695
 Ion Ratio Lower Upper
 152 100
 150 165.1 129.9 194.9
 115 78.1 62.6 93.8



#4
 2-Fluorophenol
 Concen: 0.20 ng
 RT: 5.36 min Scan# 267
 Delta R.T. 0.01 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

Tgt Ion:112 Resp: 302
 Ion Ratio Lower Upper
 112 100
 64 70.2 52.6 79.0
 63 35.1 29.0 43.4





#5

Phenol-d6

Concen: 0.13 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampled :

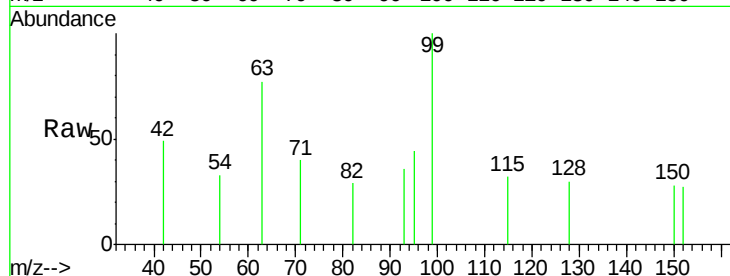
Tot Ion: 99 Resp: 275

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

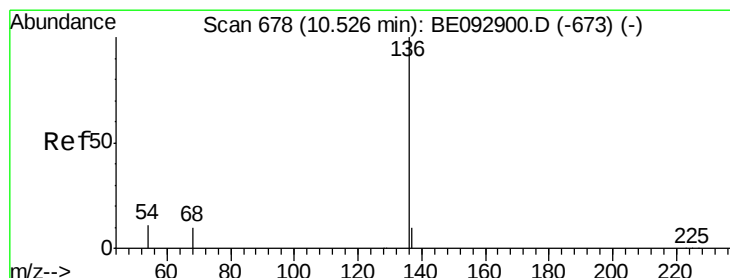
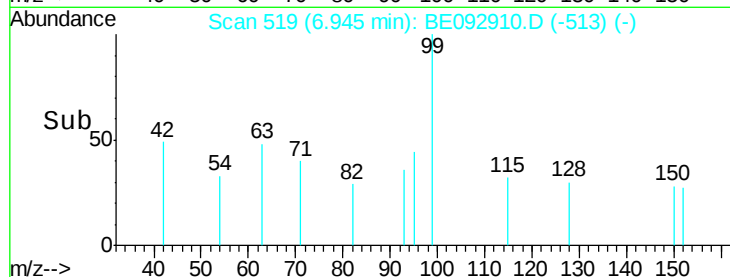
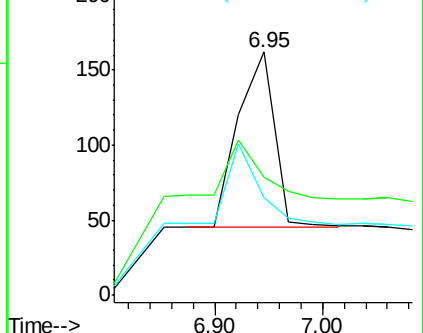
71 0.0 0.0 0.0



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: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Tgt Ion: 136 Resp: 2736

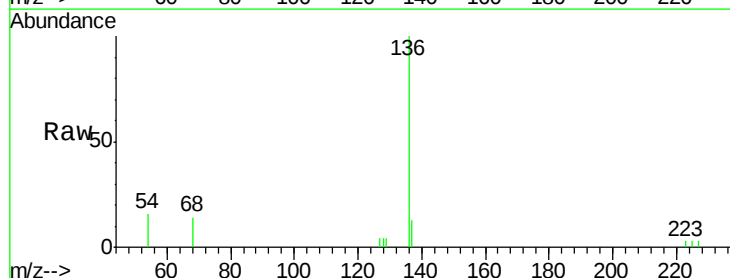
Ion Ratio Lower Upper

136 100

137 12.7 10.4 15.6

54 16.4 12.6 18.8

68 13.6 10.7 16.1

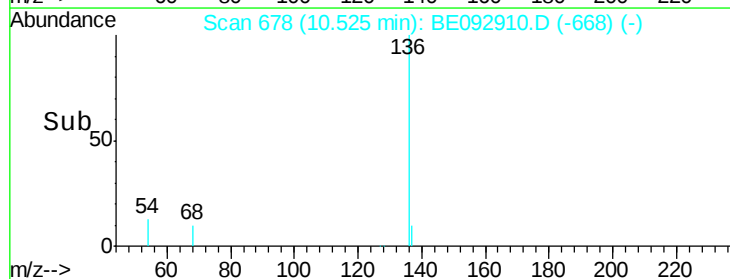
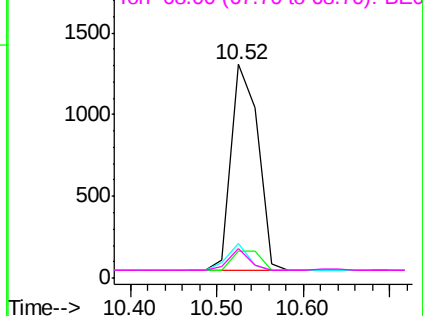


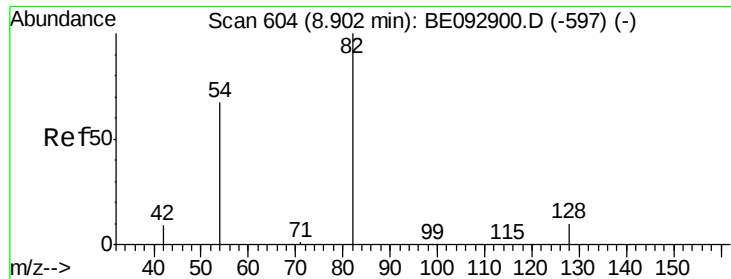
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.34 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampleId :

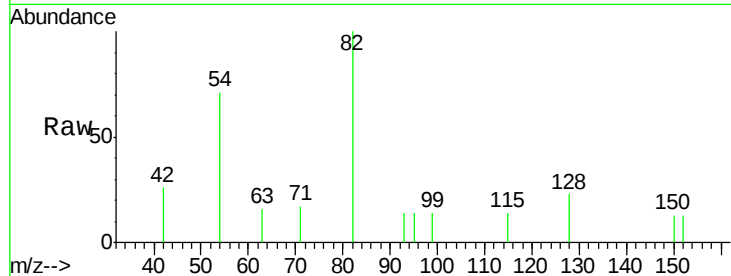
Tot Ion: 82 Resp: 616

Ion Ratio Lower Upper

82 100

128 23.0 35.3 52.9#

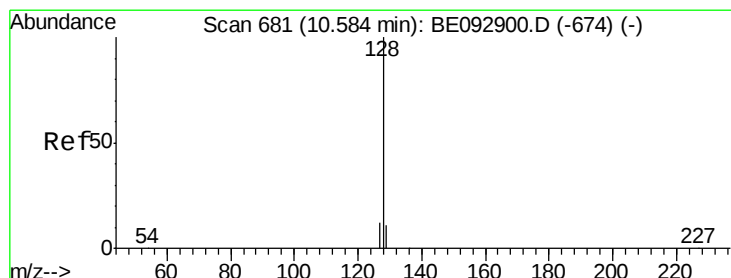
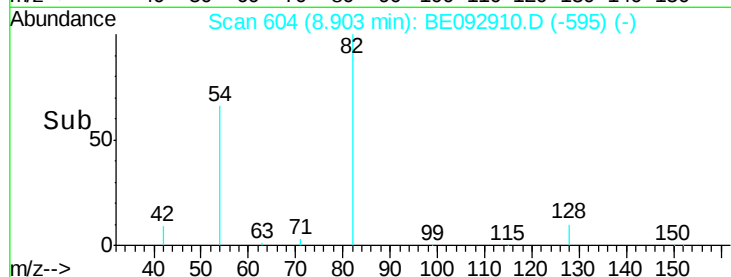
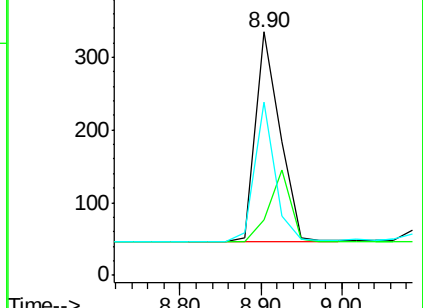
54 71.0 65.1 97.7



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



#9

Naphthalene

Concen: 0.05 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

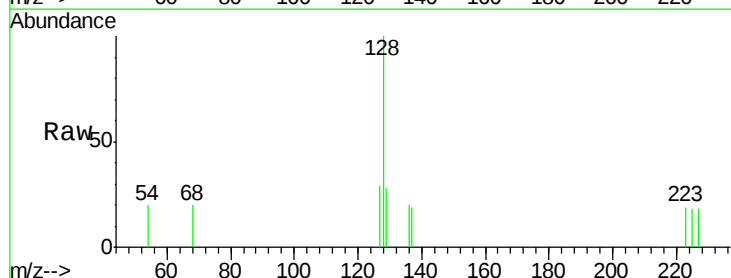
Tgt Ion: 128 Resp: 354

Ion Ratio Lower Upper

128 100

129 27.9 15.8 23.8#

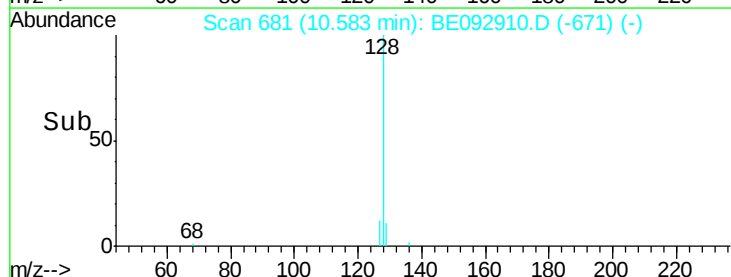
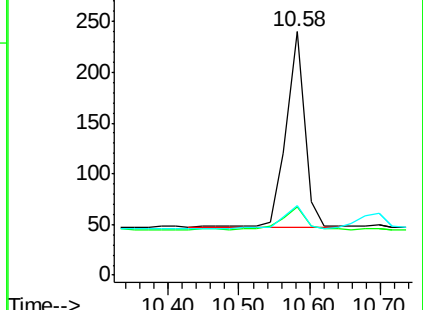
127 28.8 16.0 24.0#

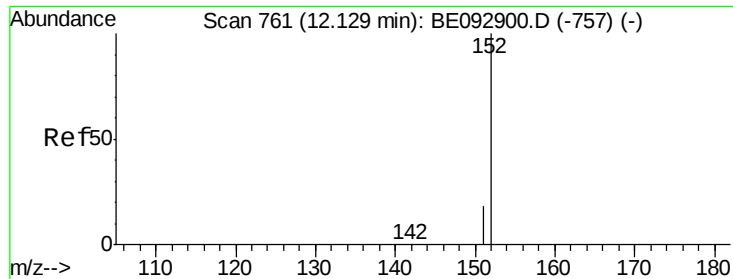


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

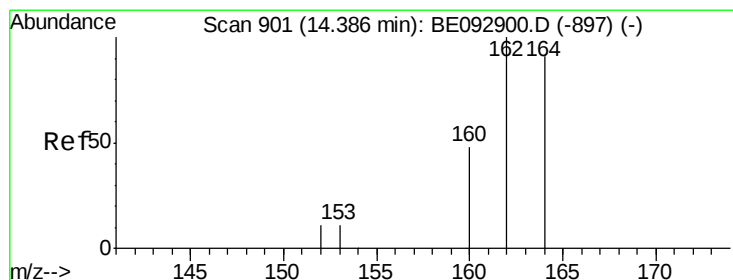
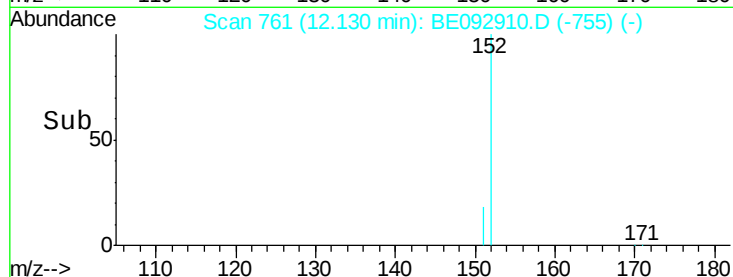
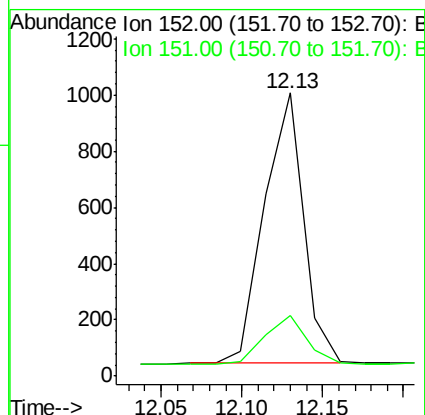
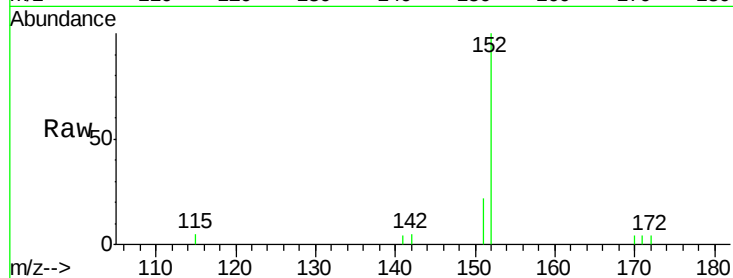




#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092910.D
Acq: 21 Apr 2017 15:54

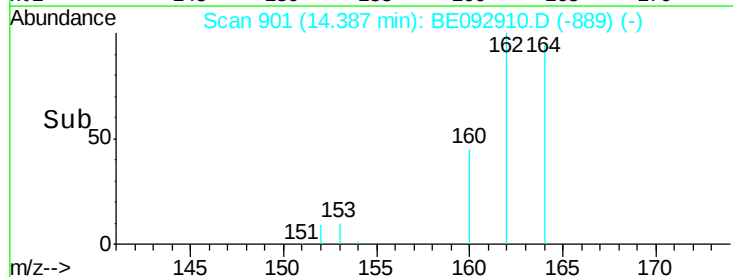
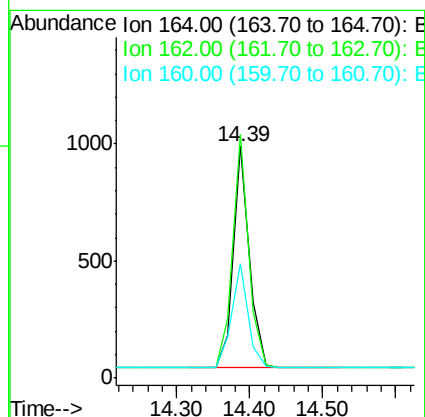
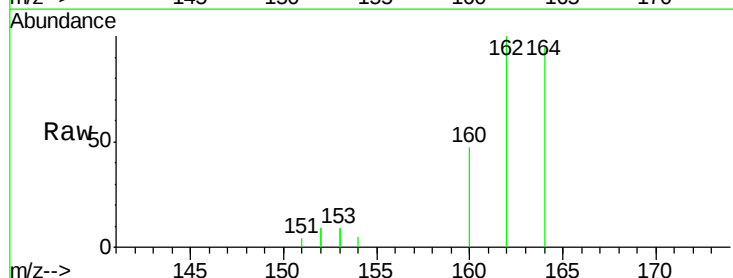
Instrument :
BNA_E
ClientSampleId :

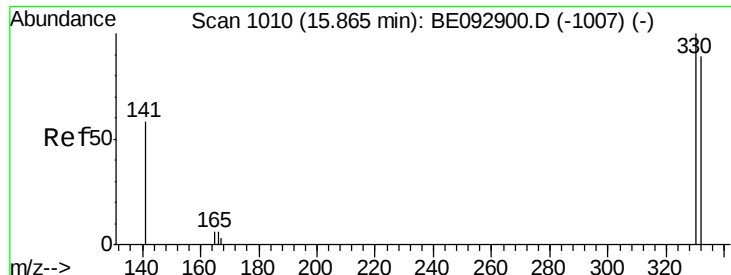
Tot Ion:152 Resp: 1637
Ion Ratio Lower Upper
152 100
151 18.9 15.7 23.5



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092910.D
Acq: 21 Apr 2017 15:54

Tgt Ion:164 Resp: 1409
Ion Ratio Lower Upper
164 100
162 105.2 86.6 130.0
160 49.4 44.5 66.7

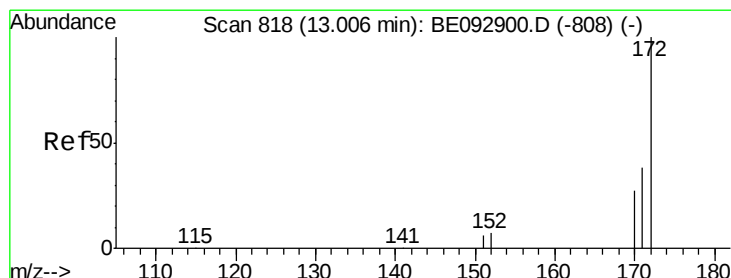
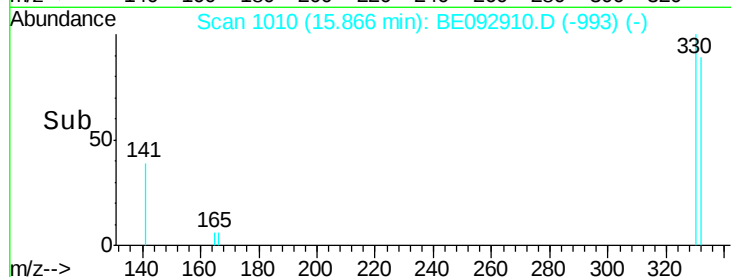
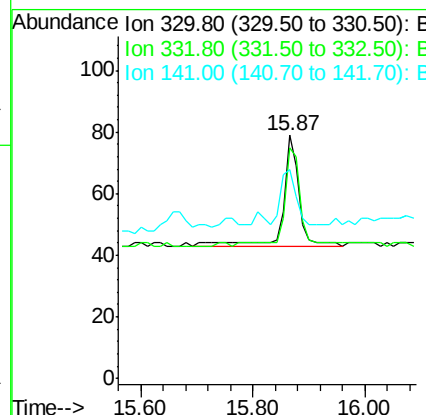
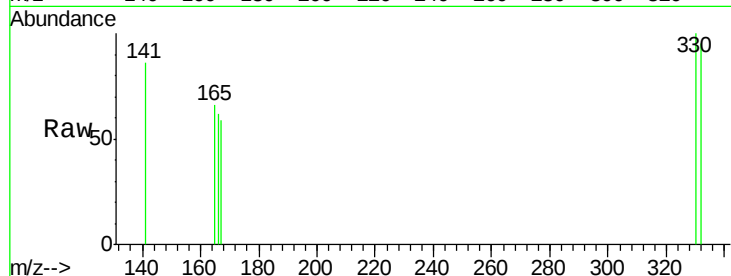




#14
 2,4,6-Tribromophenol
 Concen: 0.30 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

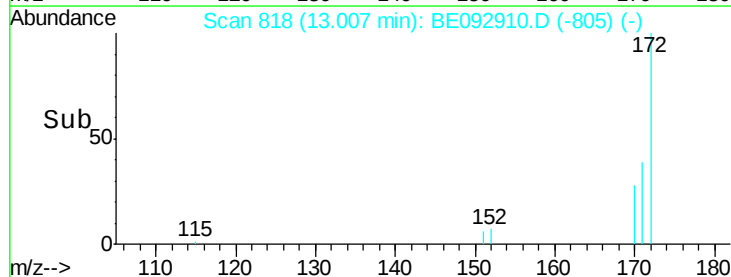
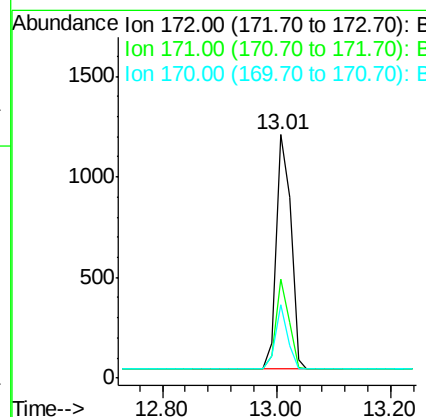
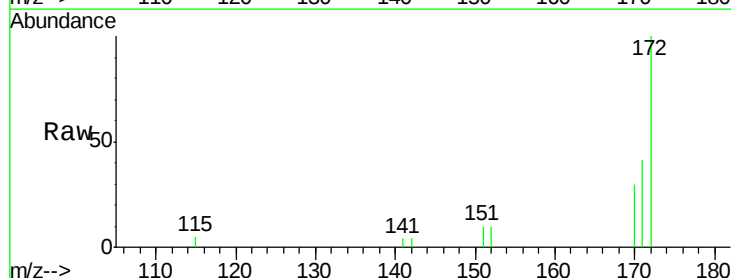
Instrument :
 BNA_E
 ClientSampleId :

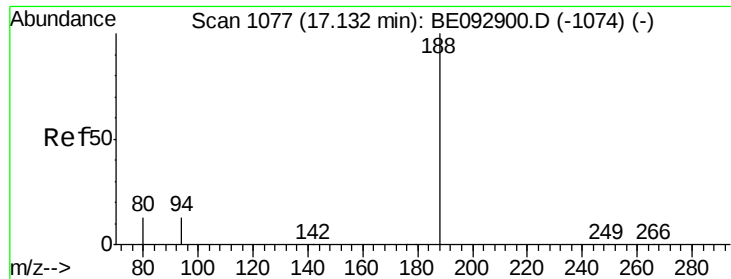
Tot Ion:330 Resp: 69
 Ion Ratio Lower Upper
 330 100
 332 89.9 69.1 103.7
 141 47.8 54.6 81.8#



#15
 2-Fluorobiphenyl
 Concen: 0.31 ng
 RT: 13.01 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

Tgt Ion:172 Resp: 2038
 Ion Ratio Lower Upper
 172 100
 171 40.7 35.8 53.6
 170 30.2 28.5 42.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampleId :

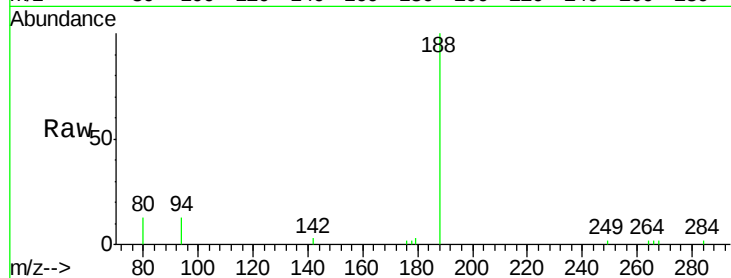
Tot Ion:188 Resp: 3299

Ion Ratio Lower Upper

188 100

94 12.9 10.2 15.4

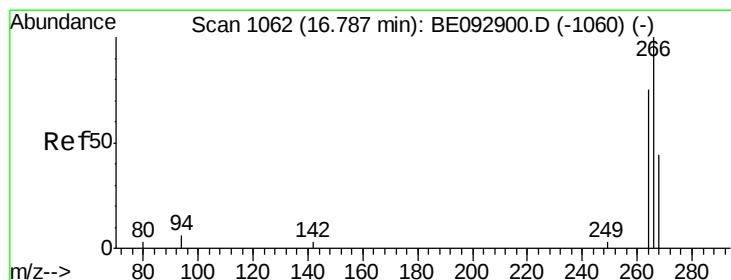
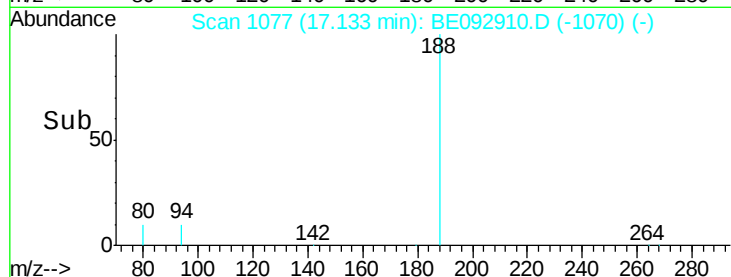
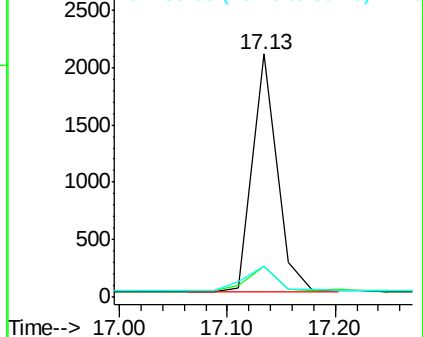
80 13.0 10.6 15.8



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



#21

Pentachlorophenol

Concen: 0.18 ng

RT: 16.79 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

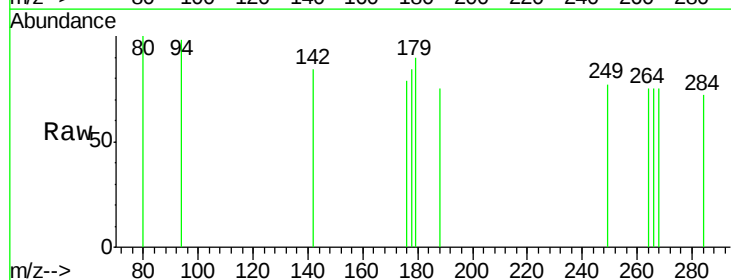
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 100.0 75.4 113.2

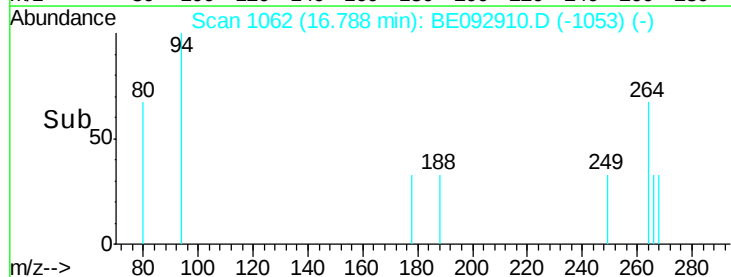
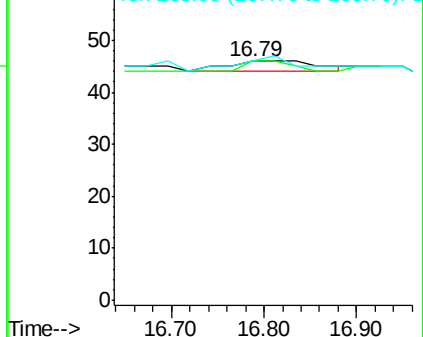
268 100.0 75.4 113.2

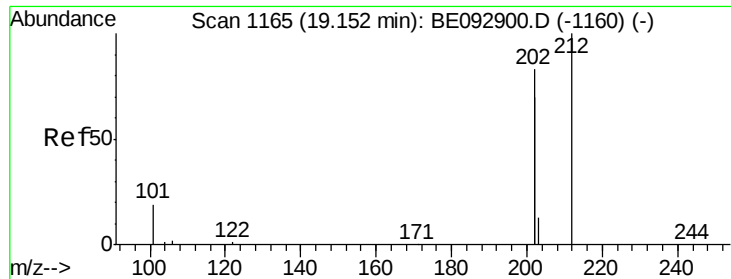


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

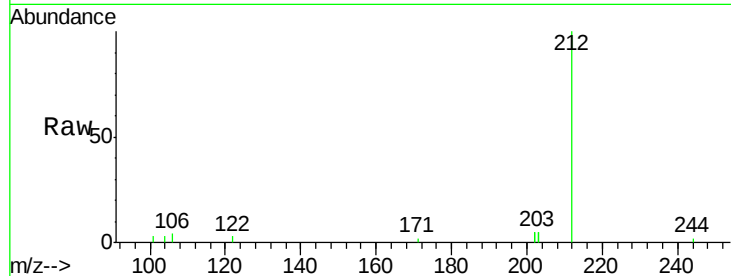




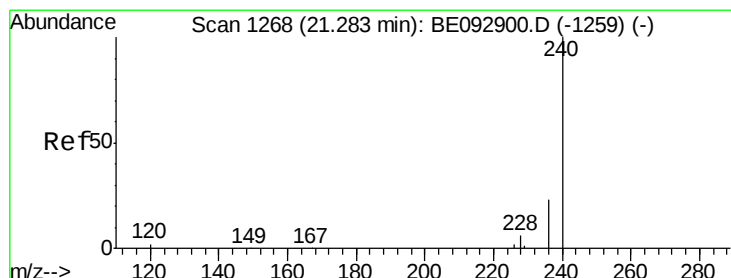
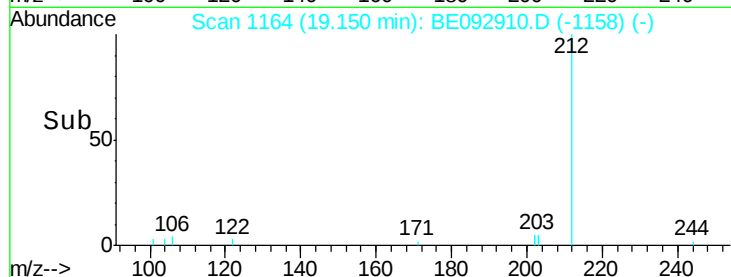
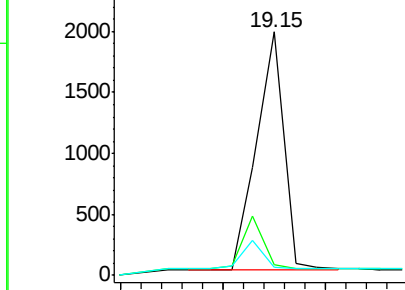
#24
 Fluoranthene-d10
 Concen: 0.45 ng
 RT: 19.15 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 3592
 Ion Ratio Lower Upper
 212 100
 106 0.0 0.0 0.0
 104 0.0 0.0 0.0

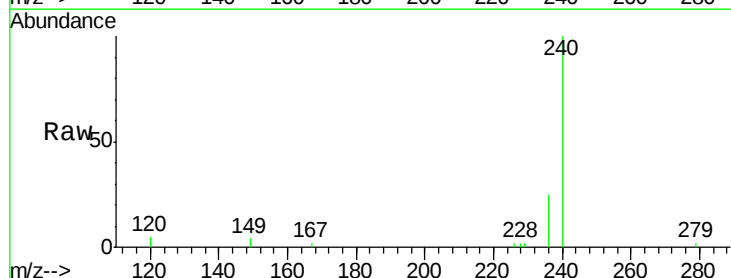


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

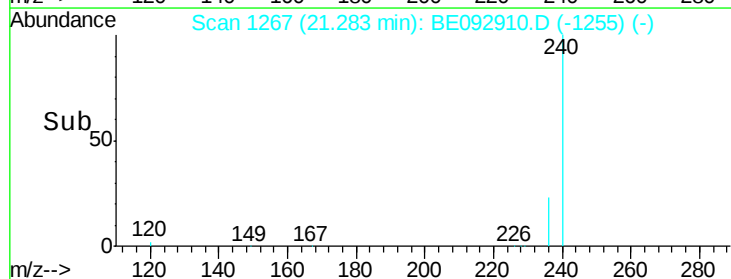
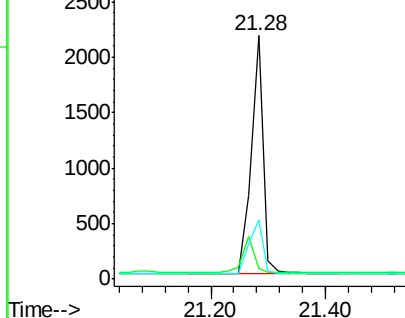


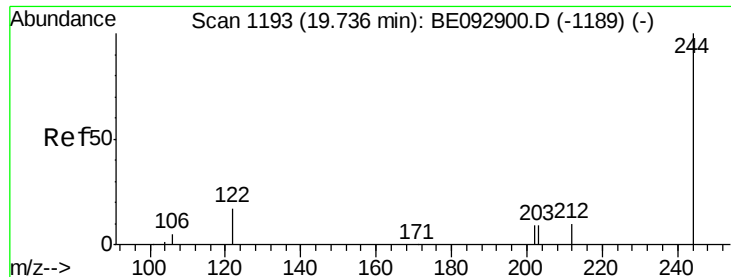
#26
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

Tgt Ion:240 Resp: 3204
 Ion Ratio Lower Upper
 240 100
 120 4.6 4.6 6.8
 236 24.6 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: 0.39 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampleId :

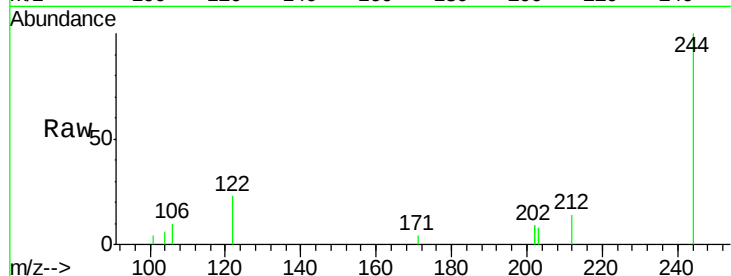
Tot Ion:244 Resp: 2194

Ion Ratio Lower Upper

244 100

212 13.9 18.4 27.6#

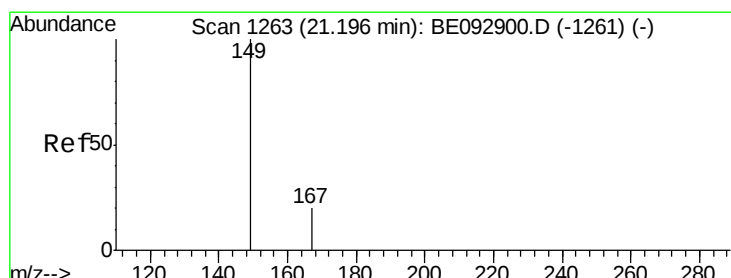
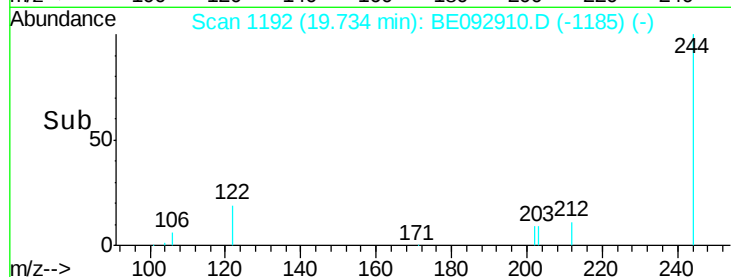
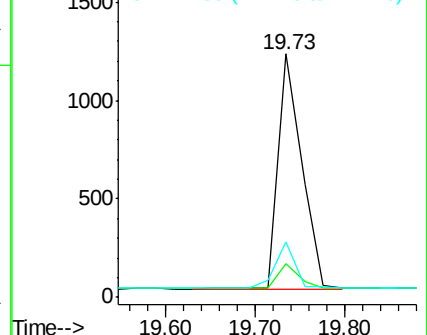
122 22.8 23.3 34.9#



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



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 21.20 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

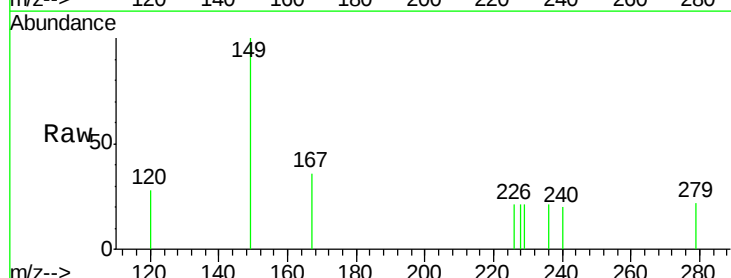
Tgt Ion:149 Resp: 208

Ion Ratio Lower Upper

149 100

167 22.1 20.9 31.3

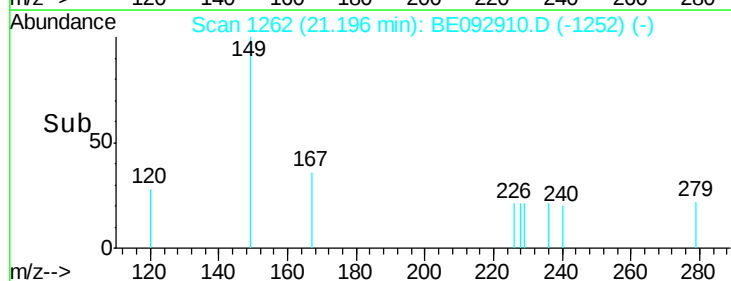
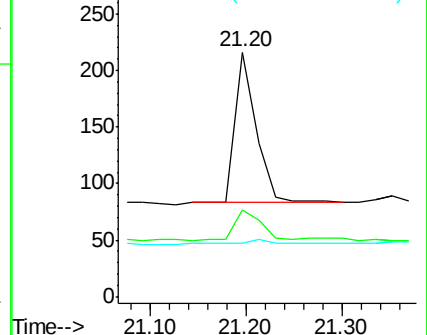
279 0.0 0.0 0.0

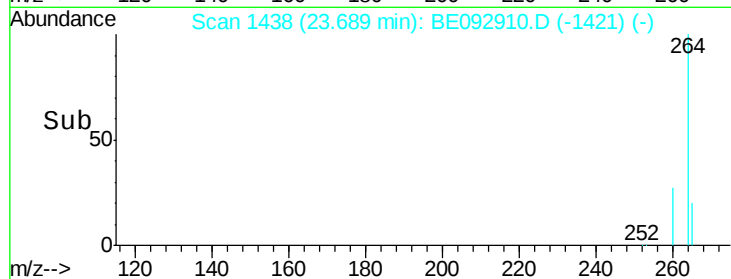
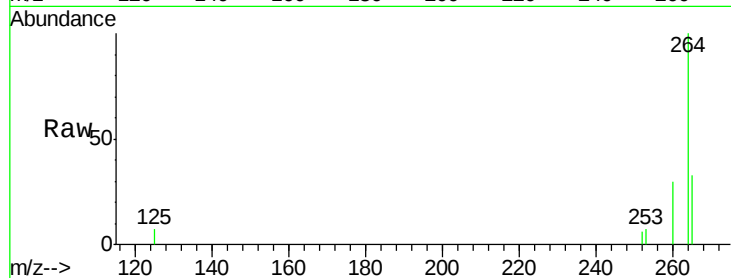
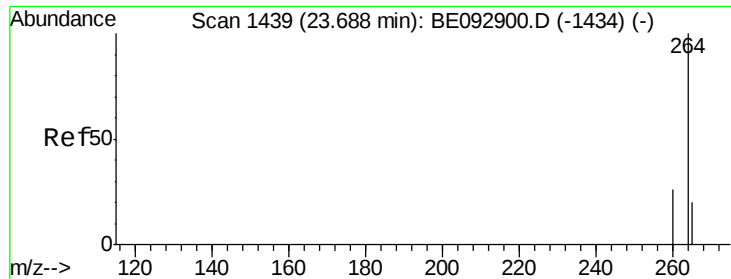


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Pervlene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 2155

Ion Ratio Lower Upper

264 100

260 30.2 23.5 35.3

265 32.9 27.2 40.8

