

Data Path : Z:\HPCHEM1\BNA E\DATA\BE010617\
 Data File : BE092631.D
 Acq On : 6 Jan 2017 14:23
 Operator : UM/SJ
 Sample : PB95799BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB95799BL

Quant Time: Jan 07 00:19:28 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9645	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	39503	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24291	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	47955	5.00	ng	0.00
24) Chrysene-d12	21.72	240	61326	5.00	ng	0.00
31) Perylene-d12	24.08	264	57538	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	18345	9.79	ng	-0.04
5) Phenol-d6	7.31	99	23181	8.18	ng	-0.07
8) Nitrobenzene-d5	9.34	82	9381	3.49	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3580	5.17	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	24823	4.27	ng	-0.01
26) Terphenyl-d14	20.16	244	32060	4.26	ng	-0.02

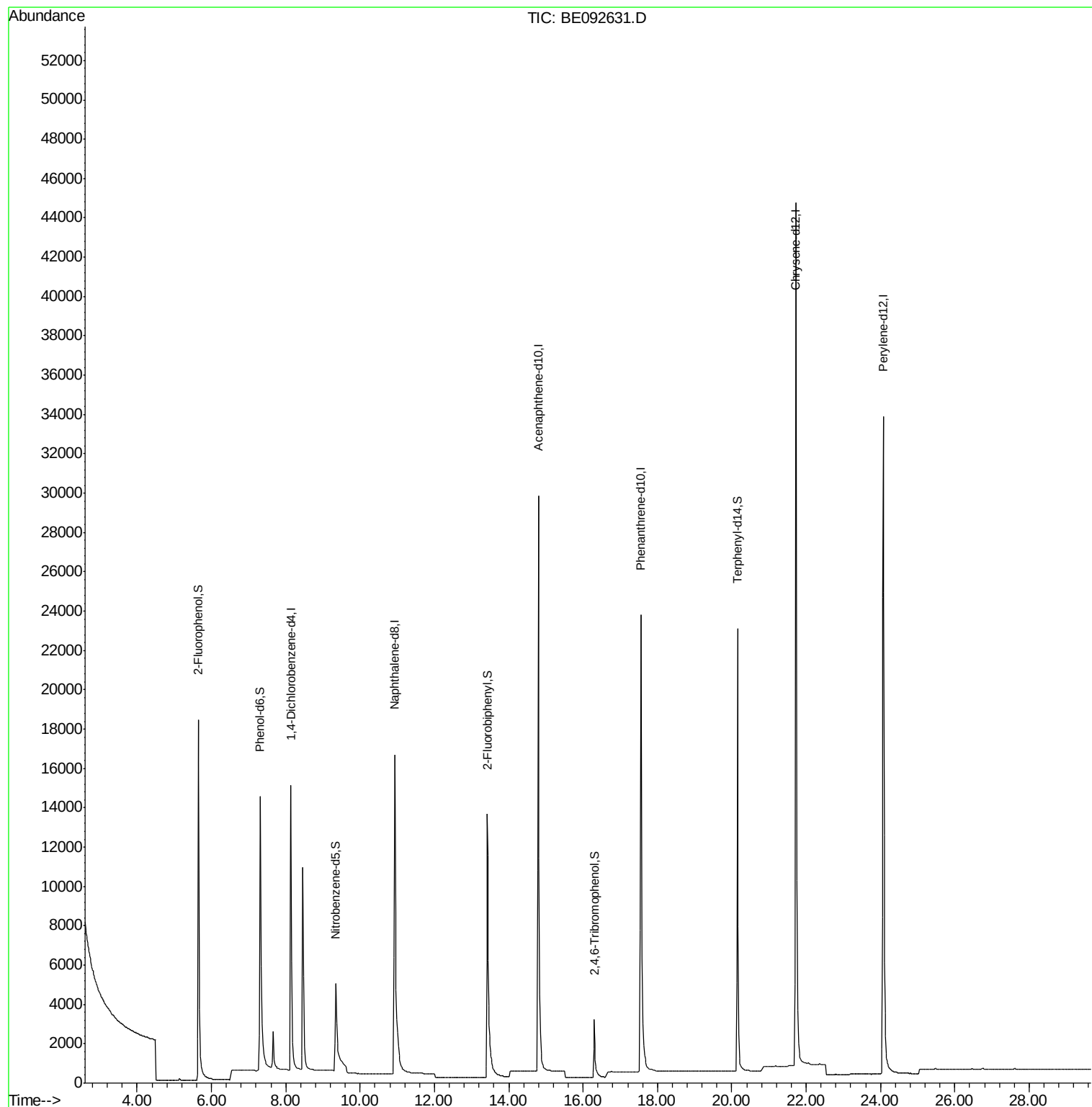
Target Compounds Qvalue

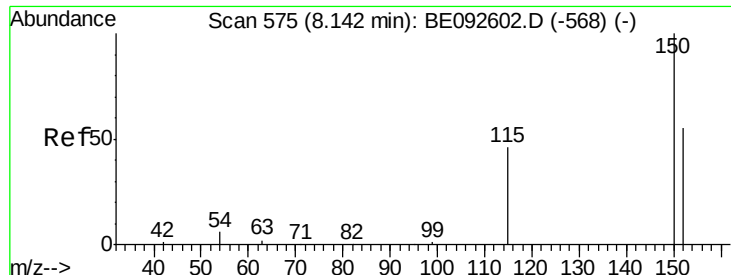
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

BNA_E

ClientSampleId :

PB95799BL

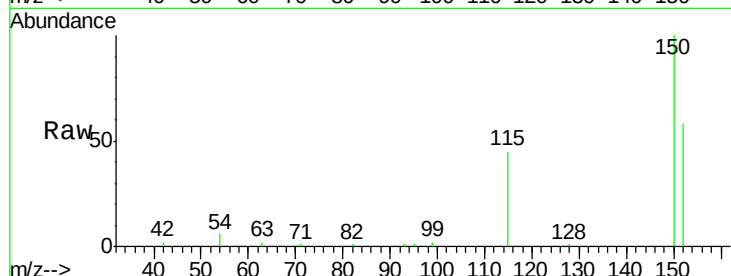
Tot Ion:152 Resp: 9645

Ion Ratio Lower Upper

152 100

150 172.9 106.0 159.0#

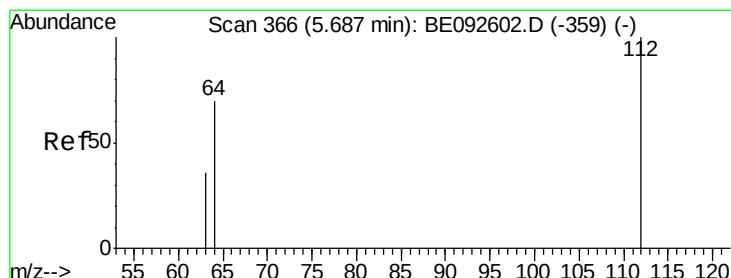
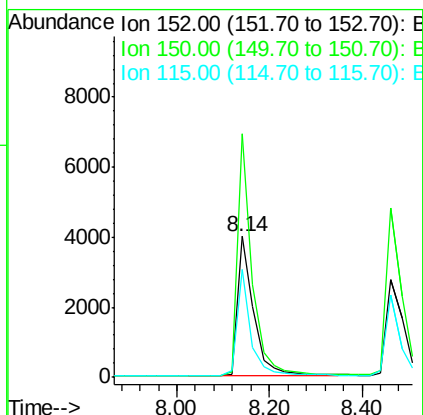
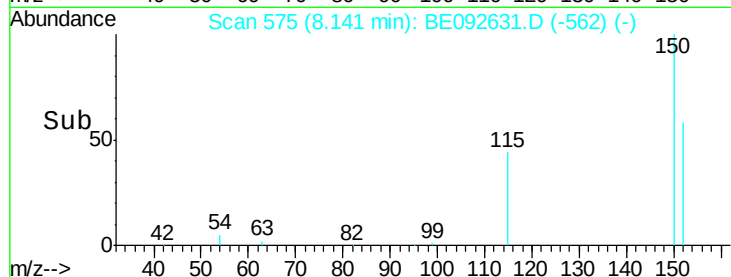
115 77.0 31.2 46.8#



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: 9.79 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.04 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

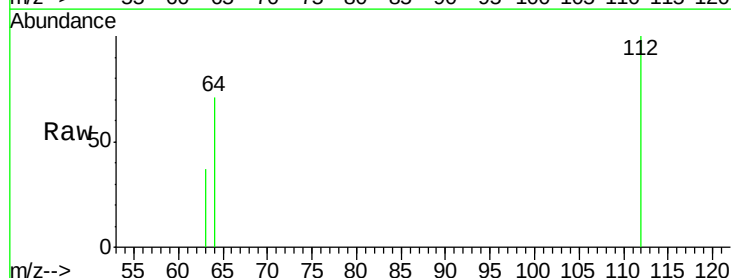
Tgt Ion:112 Resp: 18345

Ion Ratio Lower Upper

112 100

64 69.1 53.5 80.3

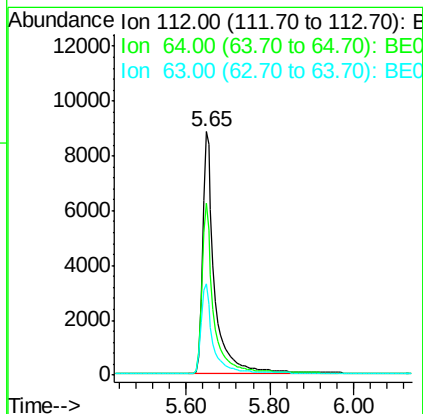
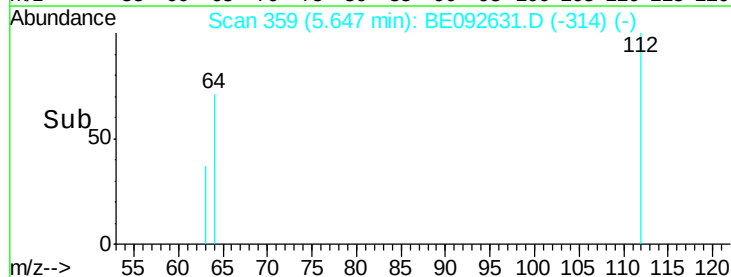
63 37.0 27.9 41.9

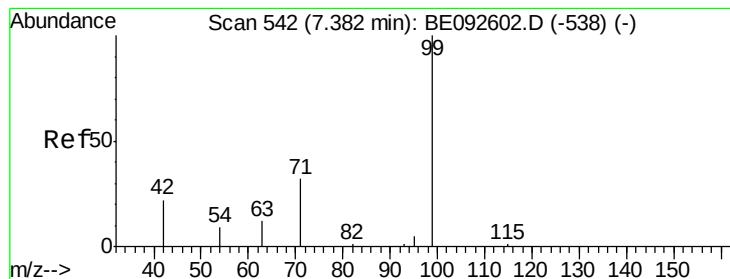


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.18 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

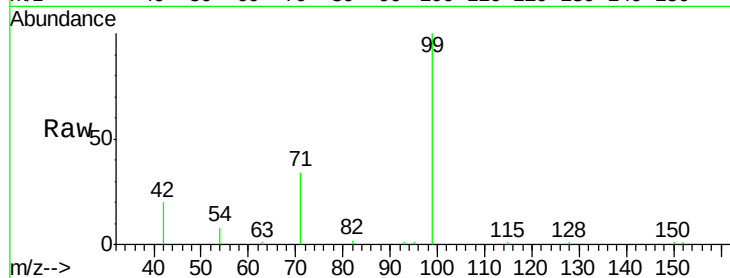
BNA_E

ClientSampleId :

PB95799BL

Tot Ion: 99 Resp: 23181

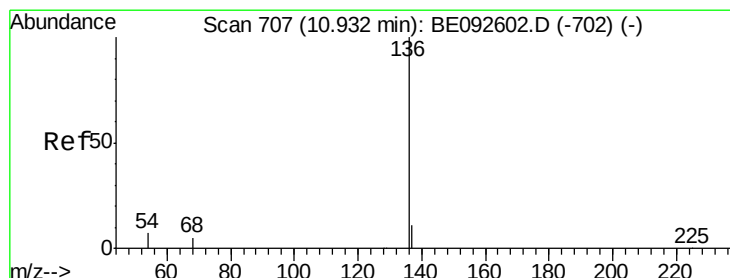
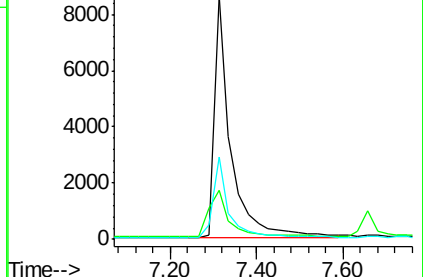
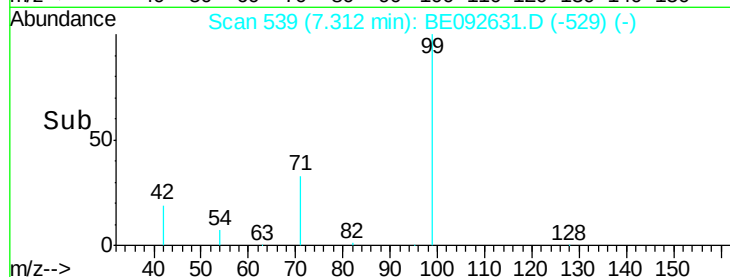
Ion	Ratio	Lower	Upper
99	100		
42	24.5	16.0	24.0#
71	33.1	30.6	45.8



Abundance Ion 99.00 (98.70 to 99.70): BE092631.D (-529) (-)

Ion 42.00 (41.70 to 42.70): BE092631.D (-529) (-)

Ion 71.00 (70.70 to 71.70): BE092631.D (-529) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

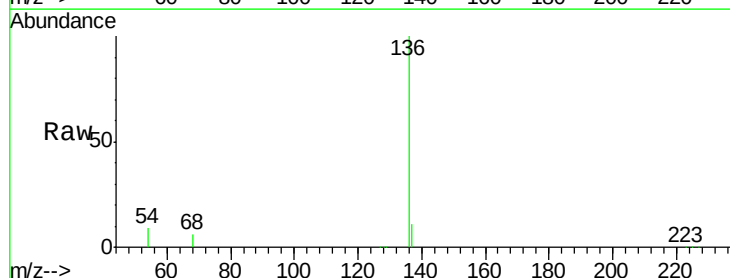
Delta R.T. 0.00 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Tgt Ion: 136 Resp: 39503

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	8.7	9.6	14.4#
68	6.0	6.7	10.1#

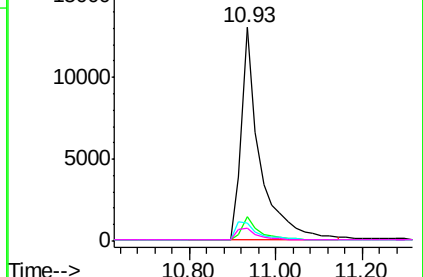
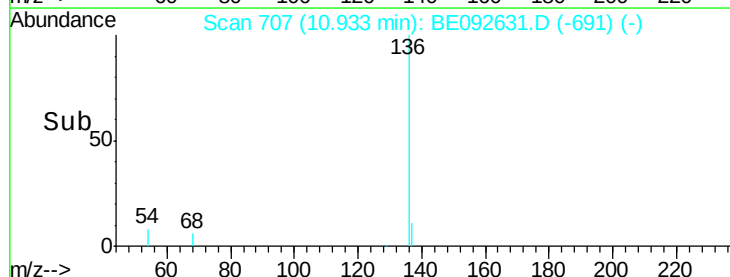


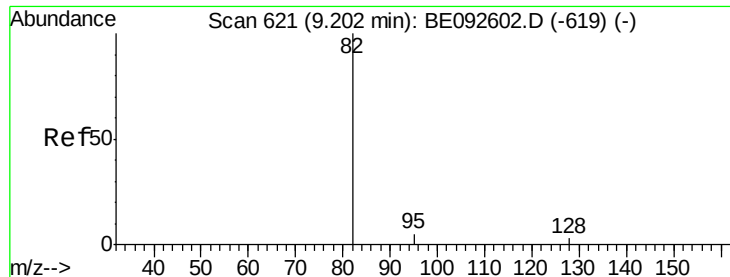
Abundance Ion 136.00 (135.70 to 136.70): BE092631.D (-691) (-)

Ion 137.00 (136.70 to 137.70): BE092631.D (-691) (-)

Ion 54.00 (53.70 to 54.70): BE092631.D (-691) (-)

Ion 68.00 (67.70 to 68.70): BE092631.D (-691) (-)





#8

Nitrobenzene-d5

Concen: 3.49 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

BNA_E

ClientSampleId :

PB95799BL

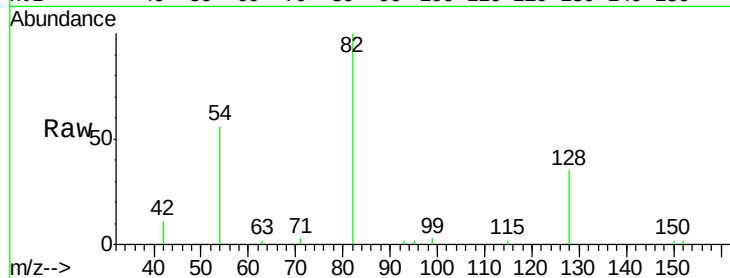
Tot Ion: 82 Resp: 9381

Ion Ratio Lower Upper

82 100

128 34.7 39.0 58.4#

54 56.1 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

9.34

2500

2000

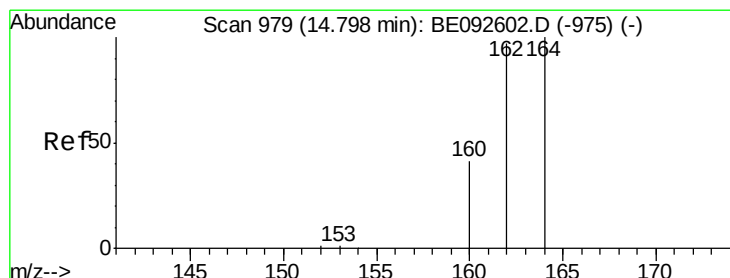
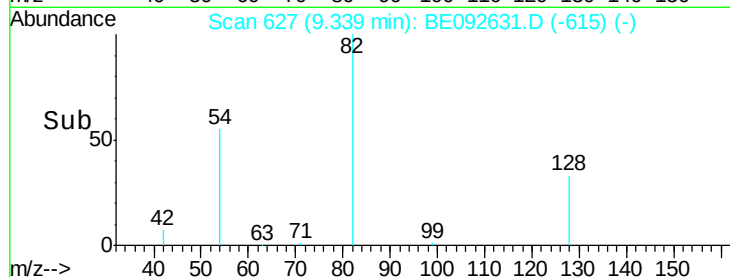
1500

1000

500

0

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

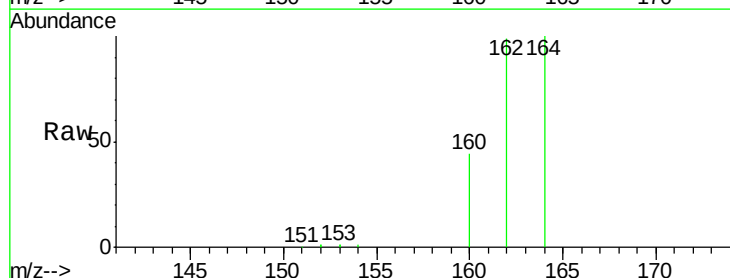
Tgt Ion: 164 Resp: 24291

Ion Ratio Lower Upper

164 100

162 98.8 71.4 107.0

160 43.6 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

14.80

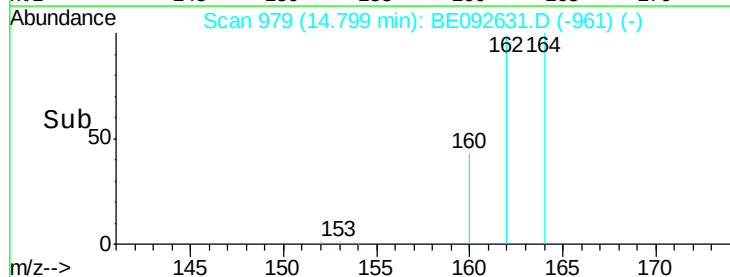
15000

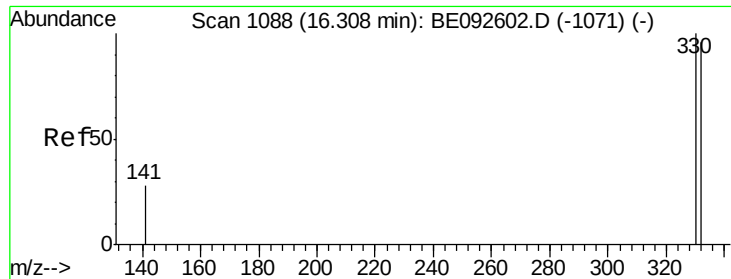
10000

5000

0

Time-->

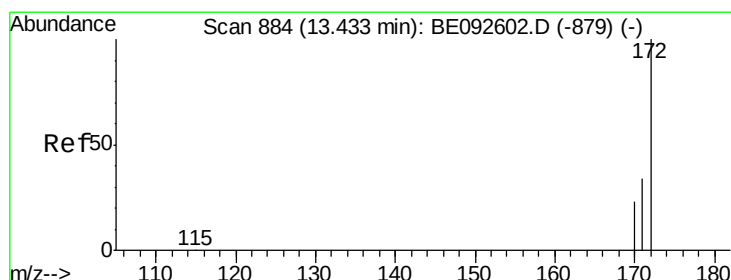
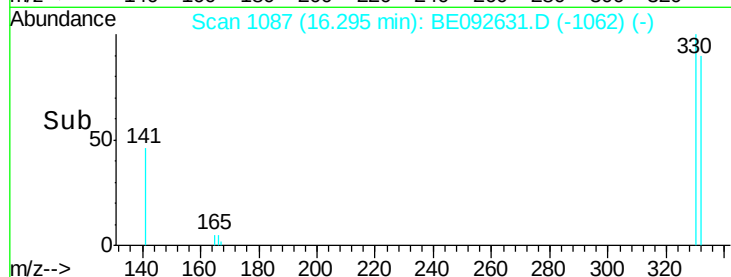
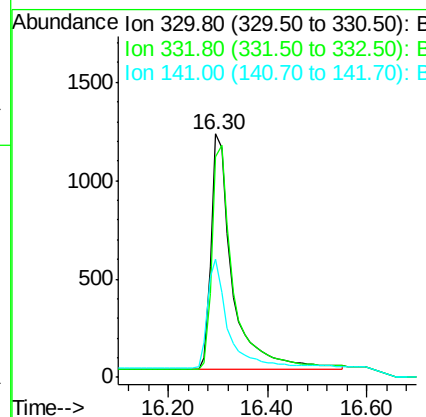
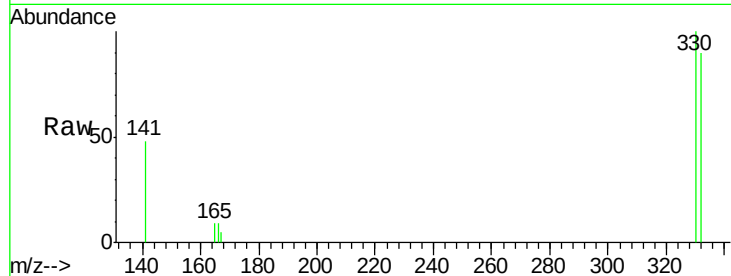




#13
 2,4,6-Tribromophenol
 Concen: 5.17 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092631.D
 Acq: 6 Jan 2017 14:23

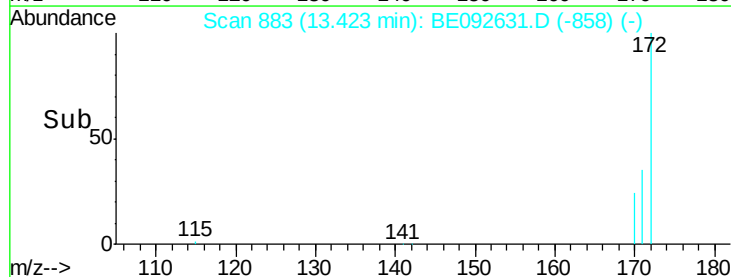
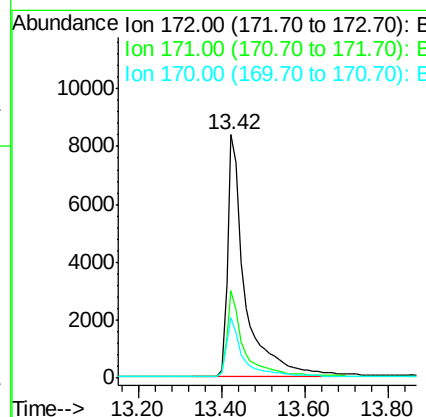
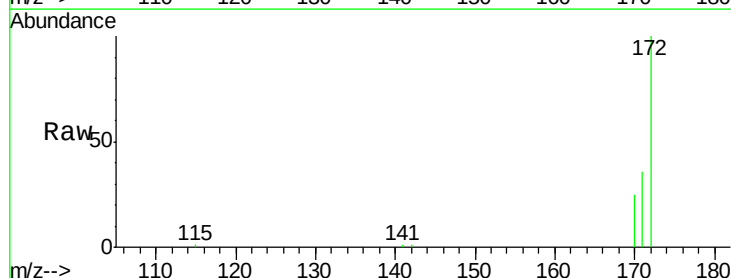
Instrument :
 BNA_E
 ClientSampleId :
 PB95799BL

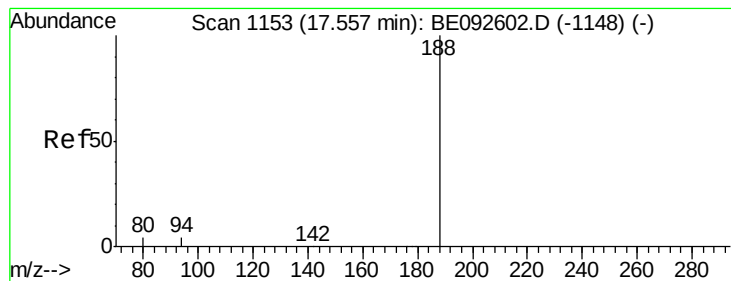
Tot Ion:330 Resp: 3580
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 44.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.27 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092631.D
 Acq: 6 Jan 2017 14:23

Tgt Ion:172 Resp: 24823
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.1 45.1
 170 24.8 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: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

BNA_E

ClientSampleId :

PB95799BL

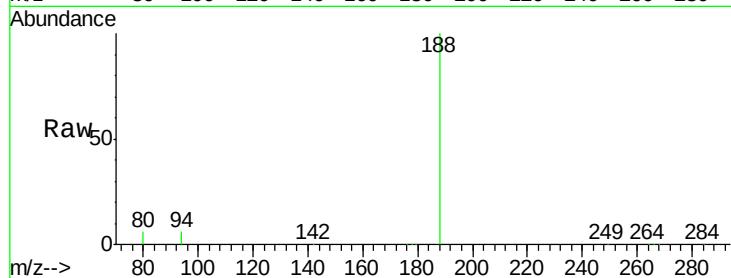
Tot Ion:188 Resp: 47955

Ion Ratio Lower Upper

188 100

94 6.3 3.2 4.8#

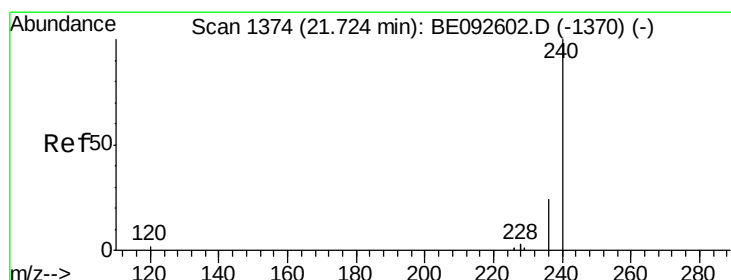
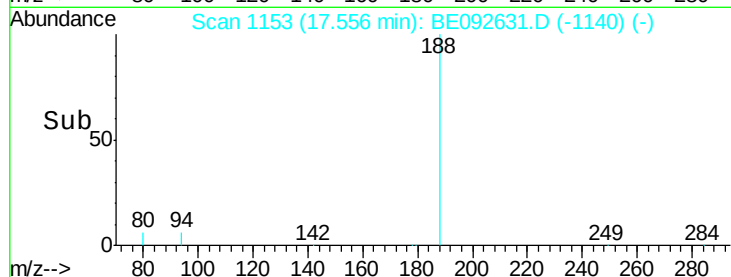
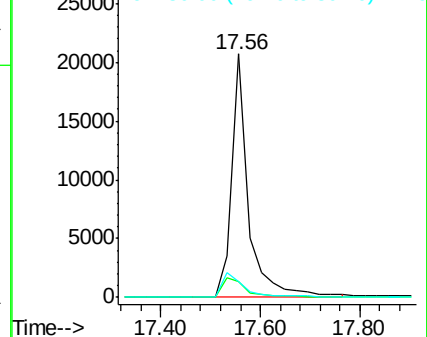
80 6.3 2.6 3.8#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

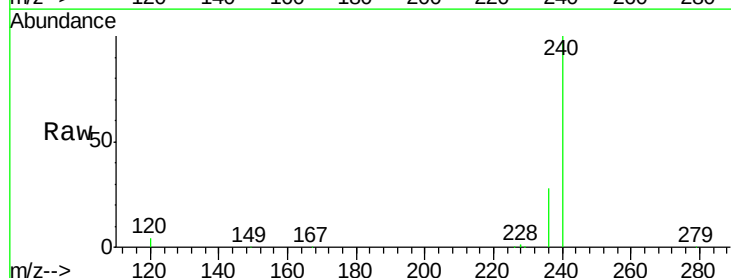
Tgt Ion:240 Resp: 61326

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

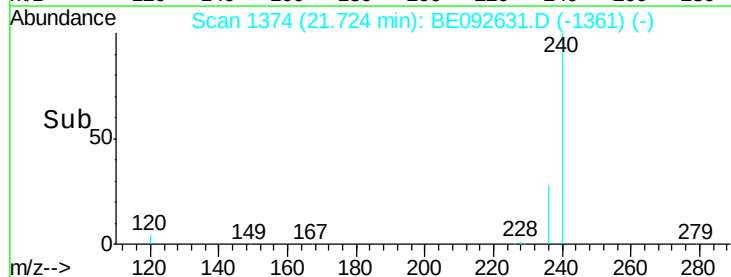
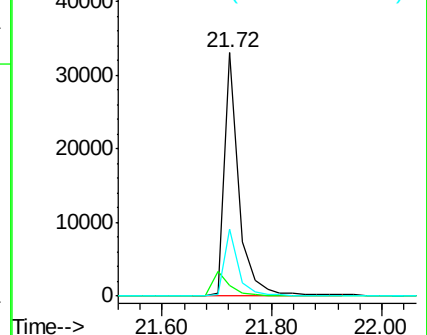
236 27.7 24.6 37.0

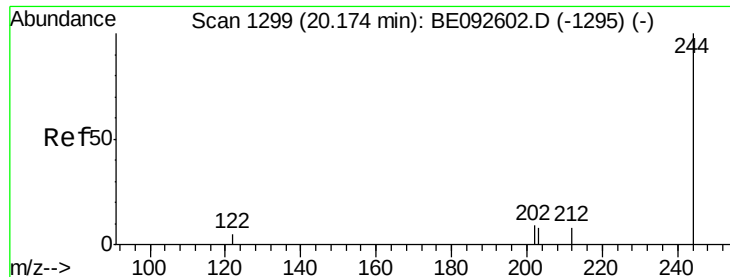


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 4.26 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

BNA_E

ClientSampled :

PB95799BL

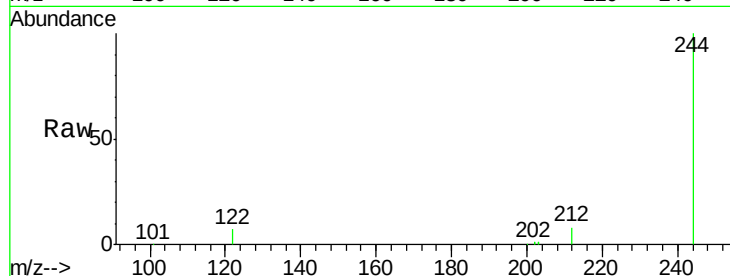
Tot Ion:244 Resp: 32060

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

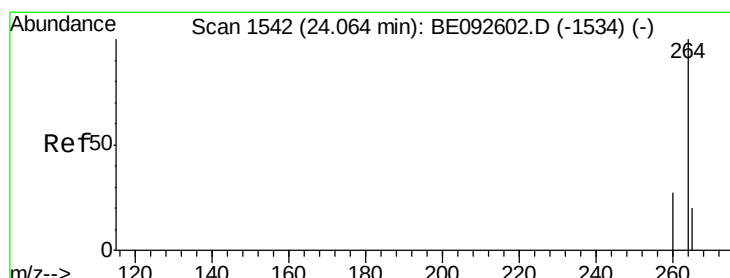
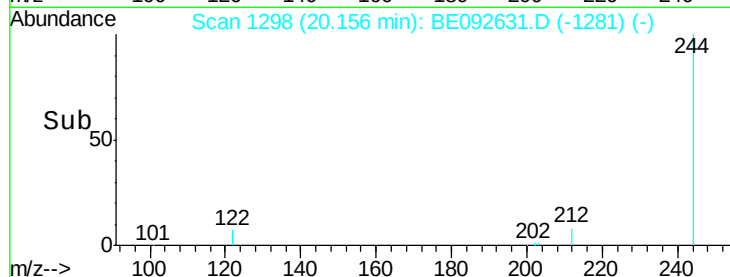
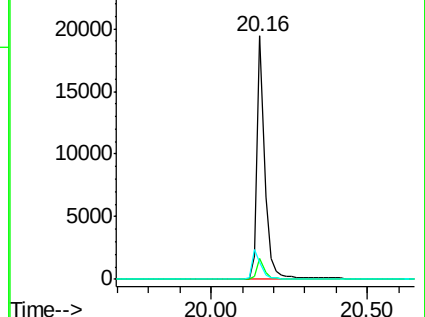
122 6.8 3.6 5.4#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.08 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

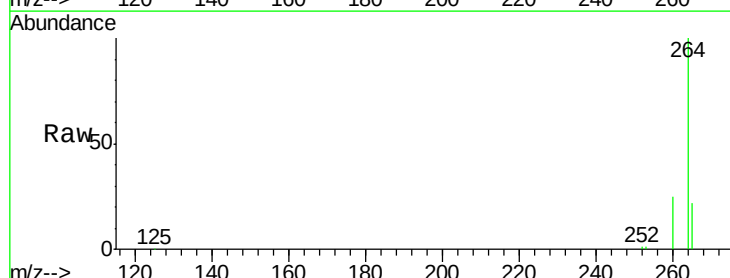
Tgt Ion:264 Resp: 57538

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.1 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

