

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111816\
 Data File : BE092564.D
 Acq On : 18 Nov 2016 13:34
 Operator : UM/SJ
 Sample : PB94548BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94548BL

Quant Time: Nov 18 23:31:47 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33917	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	147831	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	94851	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	175171	5.00	ng	0.00
24) Chrysene-d12	21.72	240	233909	5.00	ng	0.00
31) Perylene-d12	24.08	264	240657	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	305949	53.41	ng	-0.03
5) Phenol-d6	7.31	99	419808	43.40	ng	-0.05
8) Nitrobenzene-d5	9.29	82	242047	24.90	ng	-0.07
13) 2,4,6-Tribromophenol	16.28	330	102475	48.16	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	484210	20.94	ng	-0.02
26) Terphenyl-d14	20.16	244	570464	21.33	ng	-0.02

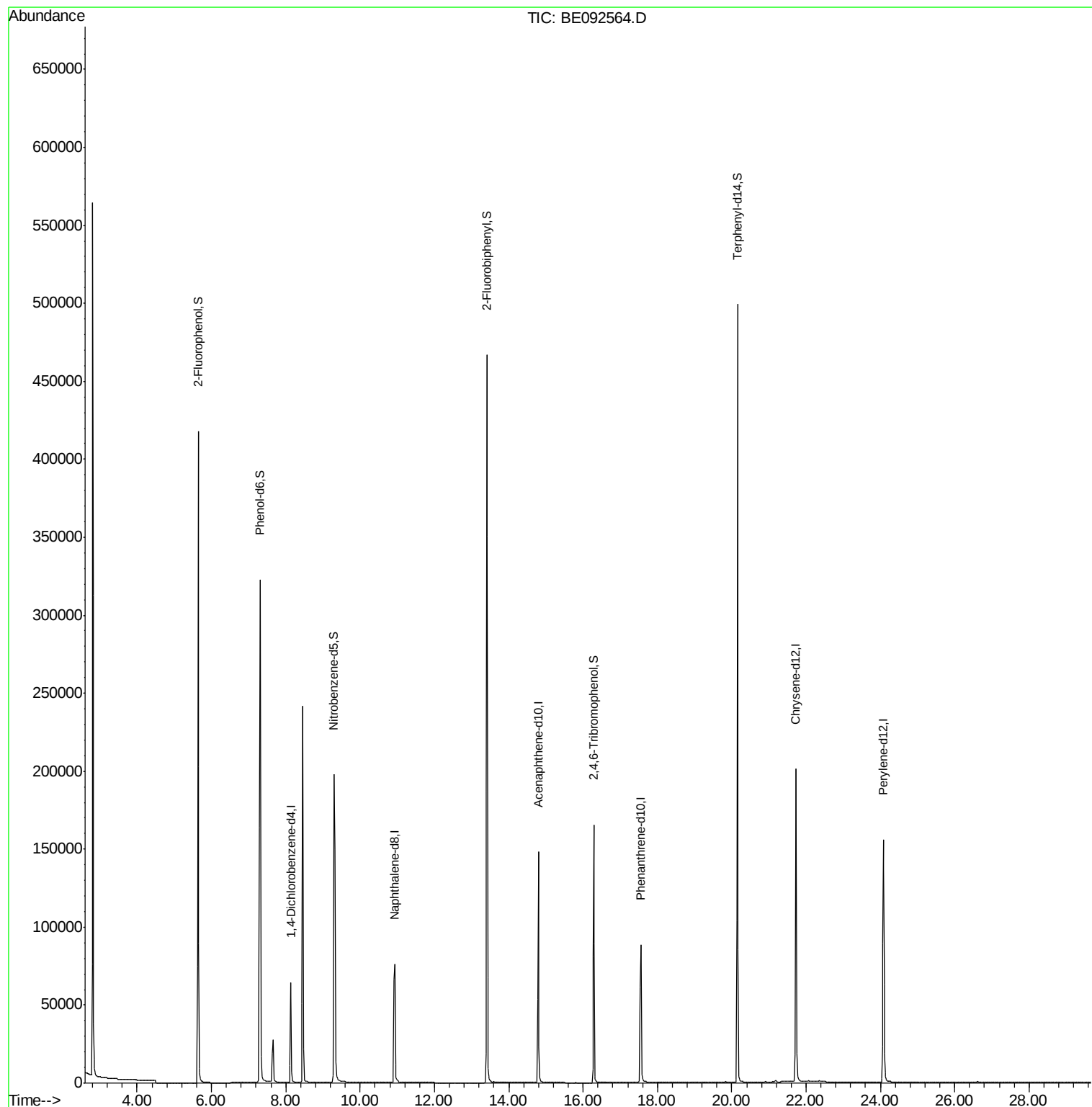
Target Compounds	Qvalue
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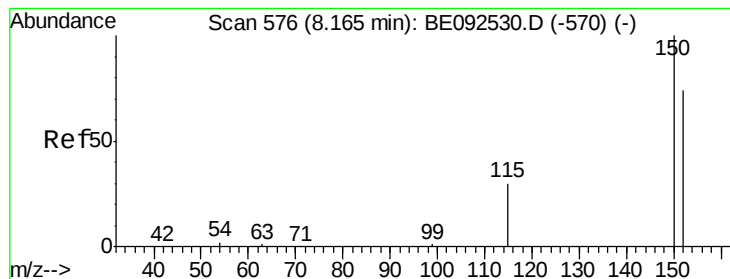
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB94548BL

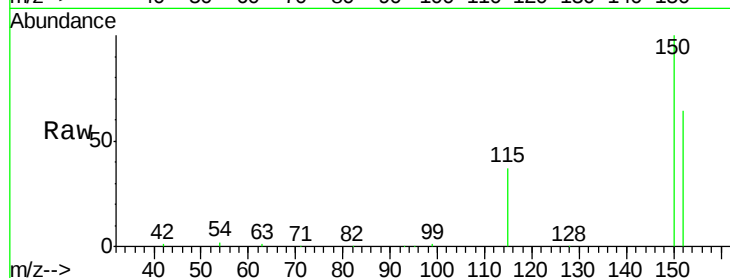
Tgt Ion:152 Resp: 33917

Ion Ratio Lower Upper

152 100

150 155.2 106.0 159.0

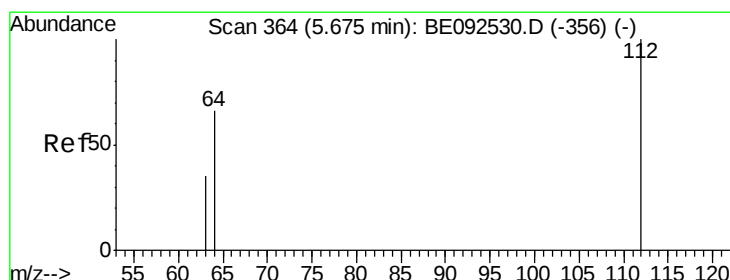
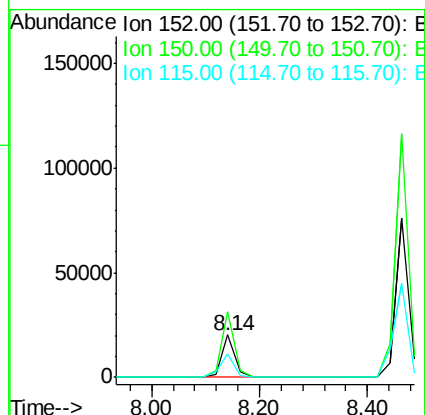
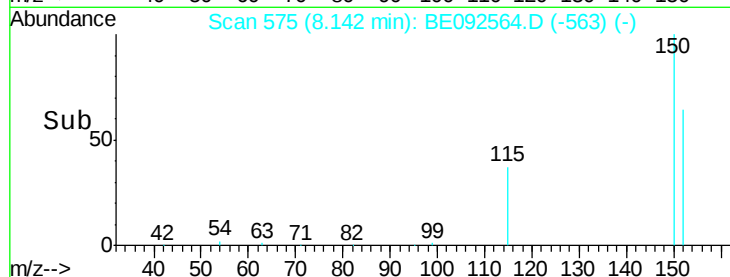
115 56.9 31.2 46.8#



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: 53.41 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.03 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

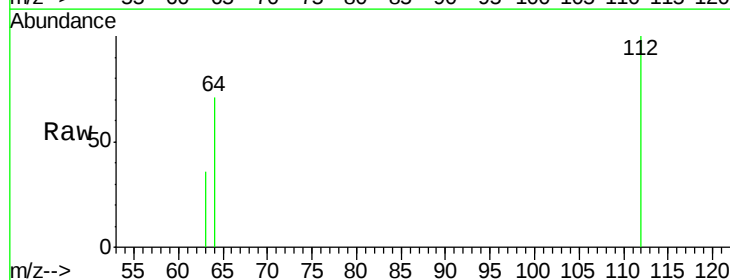
Tgt Ion:112 Resp: 305949

Ion Ratio Lower Upper

112 100

64 70.4 53.5 80.3

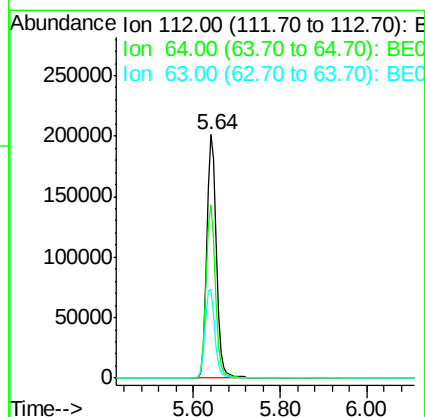
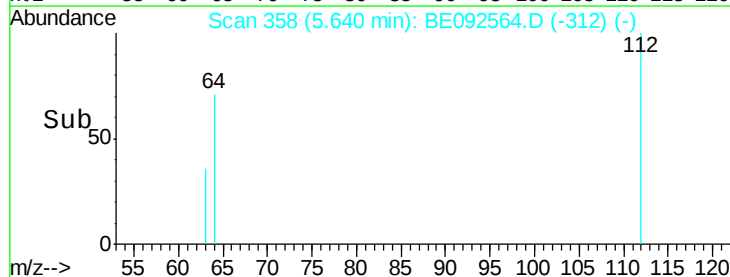
63 37.3 27.9 41.9

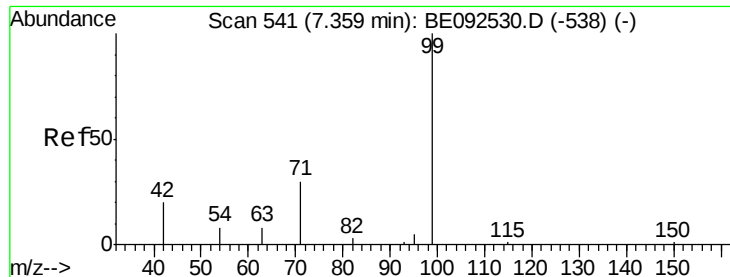


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 43.40 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB94548BL

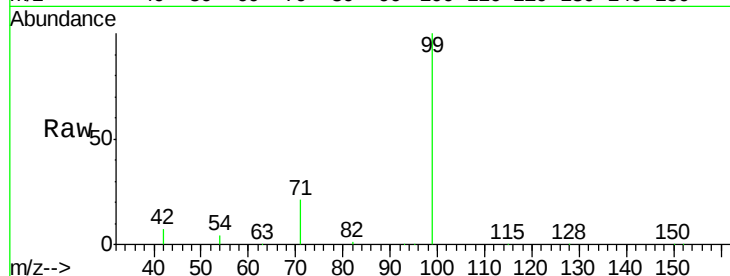
Tgt Ion: 99 Resp: 419808

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

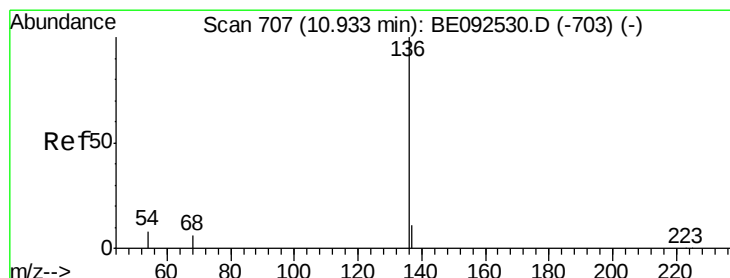
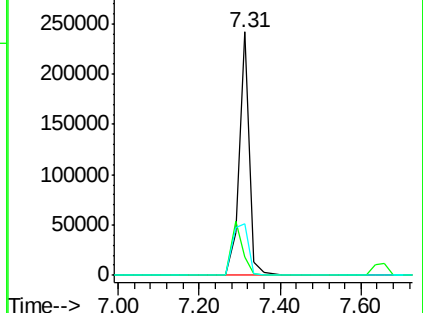
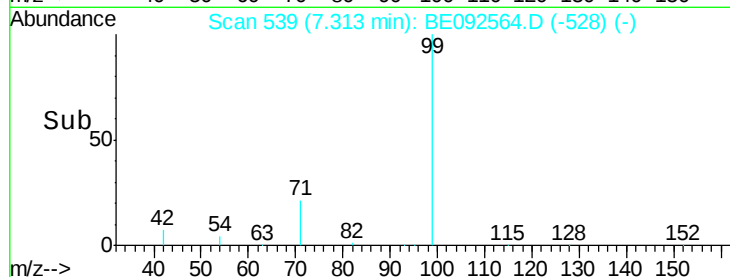
71 33.7 30.6 45.8



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: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Tgt Ion: 136 Resp: 147831

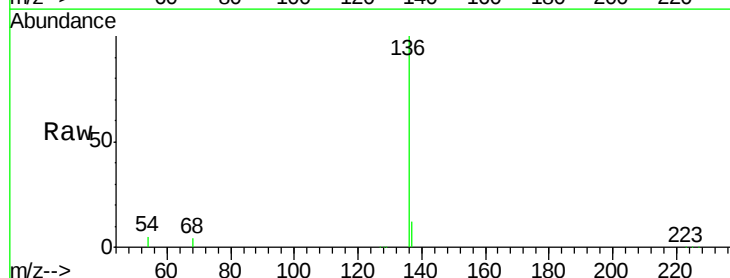
Ion Ratio Lower Upper

136 100

137 11.9 8.2 12.4

54 4.8 9.6 14.4#

68 3.8 6.7 10.1#

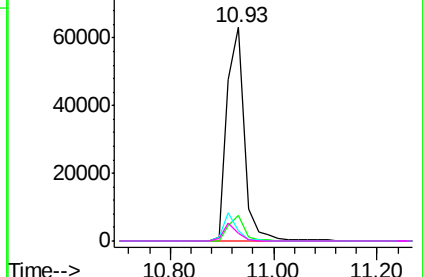
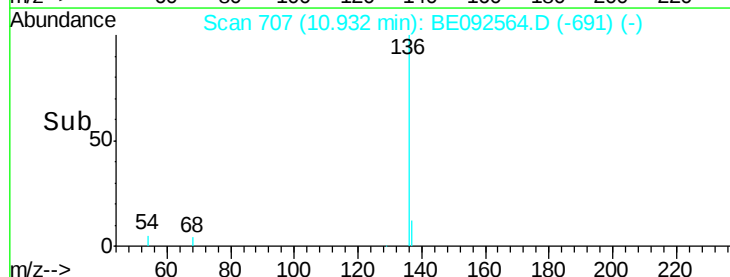


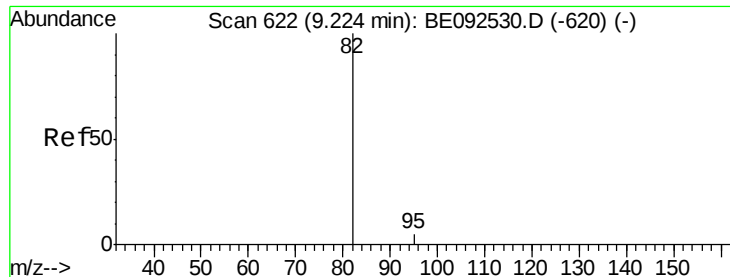
Abundance Ion 136.00 (135.70 to 136.70): E

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

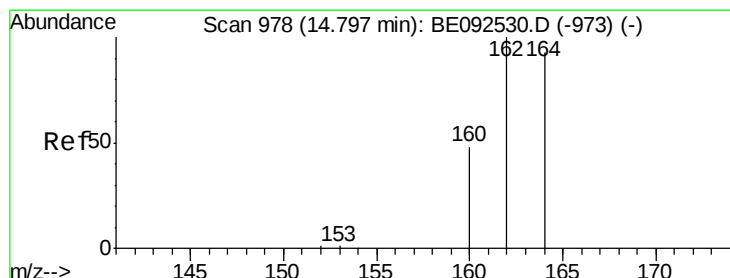
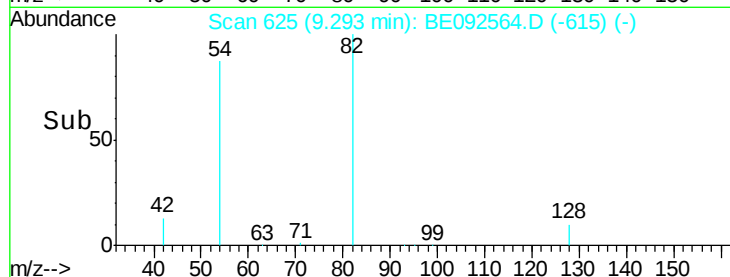
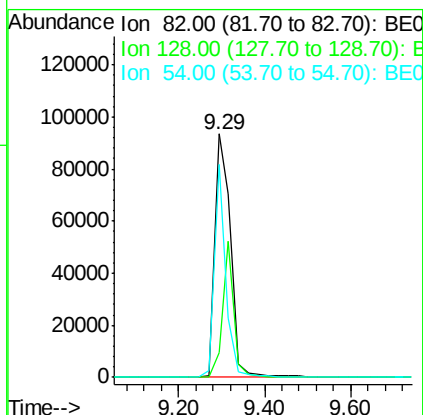
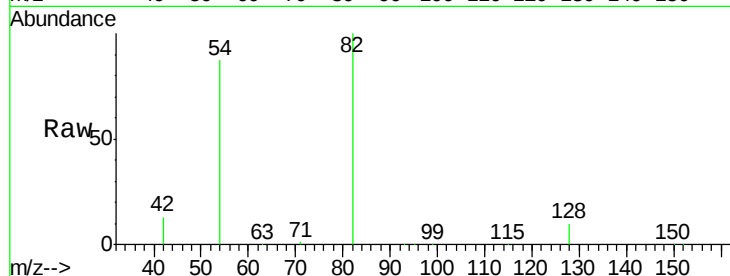




#8
 Nitrobenzene-d5
 Concen: 24.90 ng
 RT: 9.29 min Scan# 625
 Delta R.T. -0.07 min
 Lab File: BE092564.D
 Acq: 18 Nov 2016 13:34

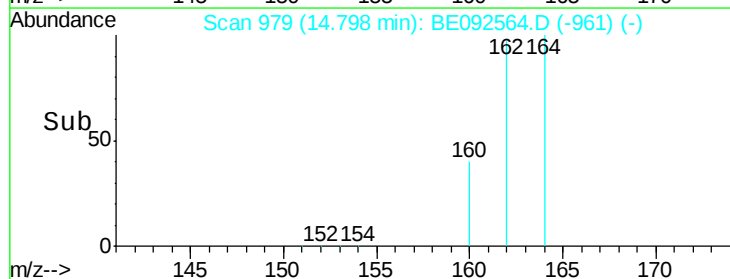
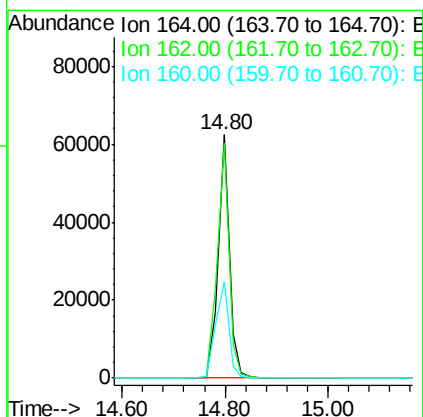
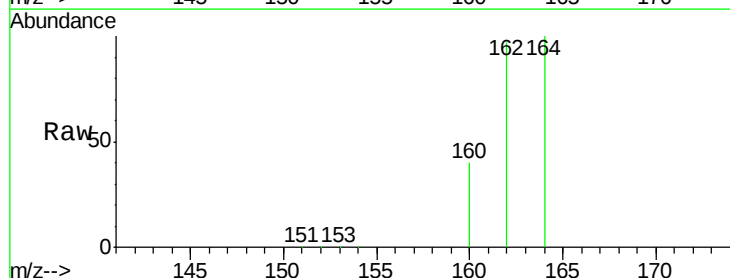
Instrument :
 BNA_E
 ClientSampleId :
 PB94548BL

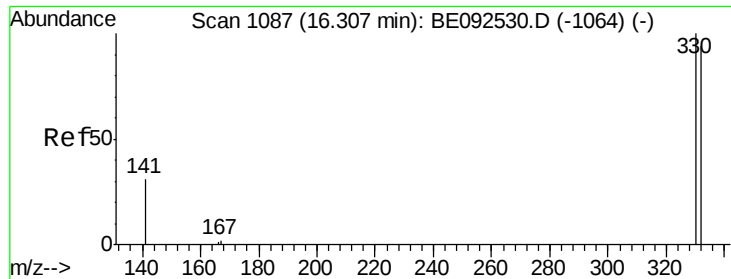
Tgt Ion: 82 Resp: 242047
 Ion Ratio Lower Upper
 82 100
 128 10.2 39.0 58.4#
 54 87.2 44.8 67.2#



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.80 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BE092564.D
 Acq: 18 Nov 2016 13:34

Tgt Ion: 164 Resp: 94851
 Ion Ratio Lower Upper
 164 100
 162 96.6 71.4 107.0
 160 39.6 27.4 41.2

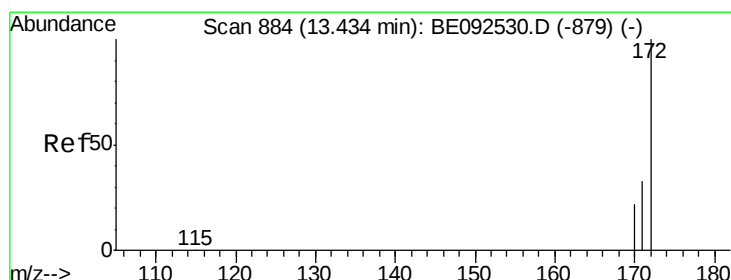
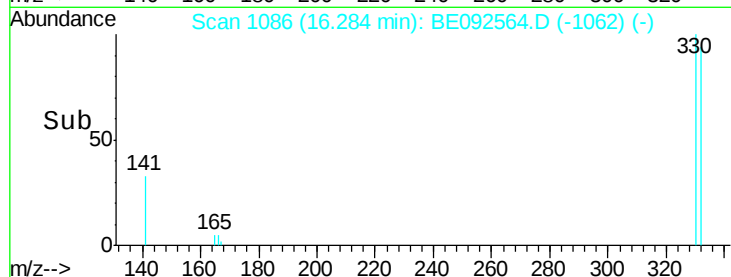
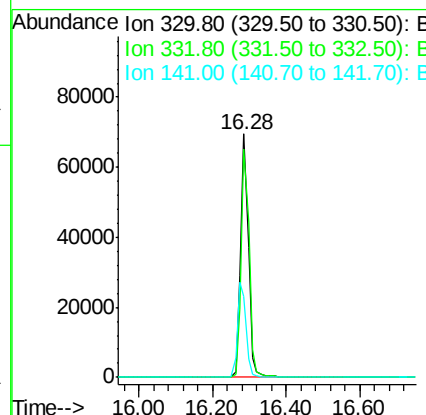
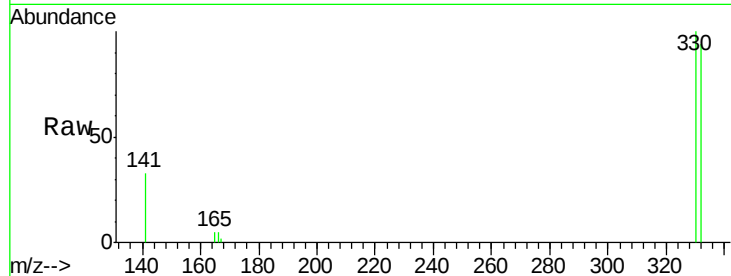




#13
 2,4,6-Tribromophenol
 Concen: 48.16 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092564.D
 Acq: 18 Nov 2016 13:34

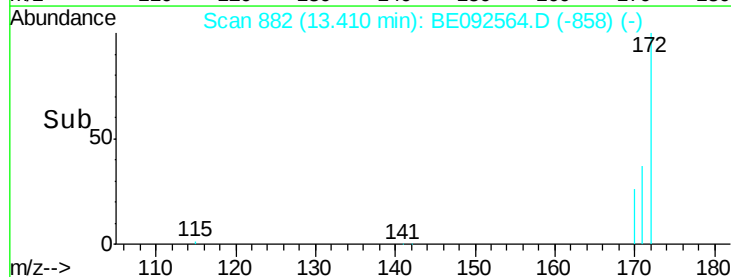
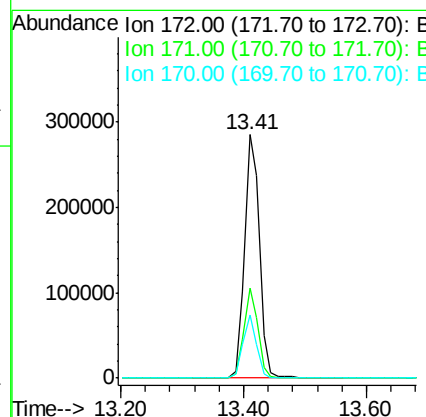
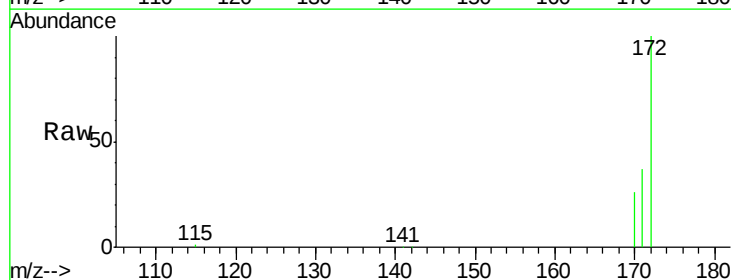
Instrument :
 BNA_E
 ClientSampleId :
 PB94548BL

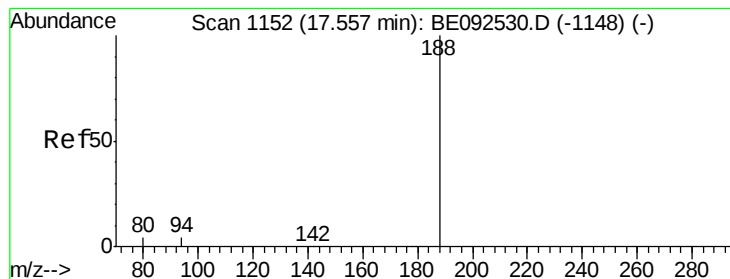
Tgt Ion:330 Resp: 102475
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 43.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 20.94 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092564.D
 Acq: 18 Nov 2016 13:34

Tgt Ion:172 Resp: 484210
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.1 45.1
 170 26.1 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: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampled :

PB94548BL

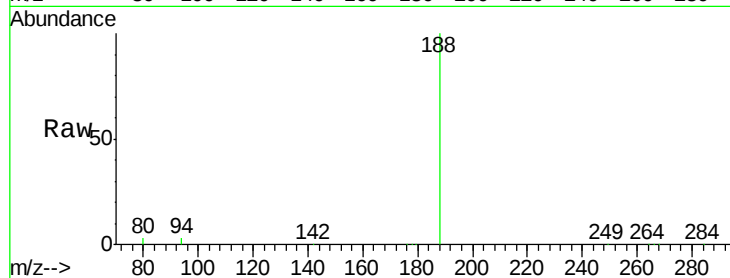
Tgt Ion:188 Resp: 175171

Ion Ratio Lower Upper

188 100

94 3.1 3.2 4.8#

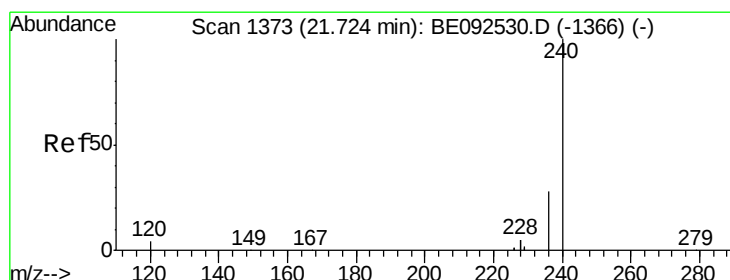
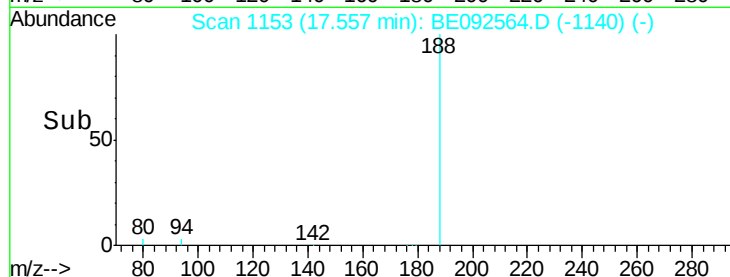
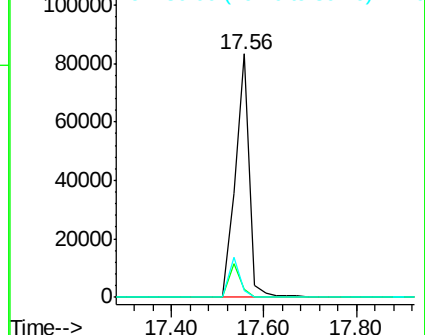
80 2.6 2.6 3.8



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: BE092564.D

Acq: 18 Nov 2016 13:34

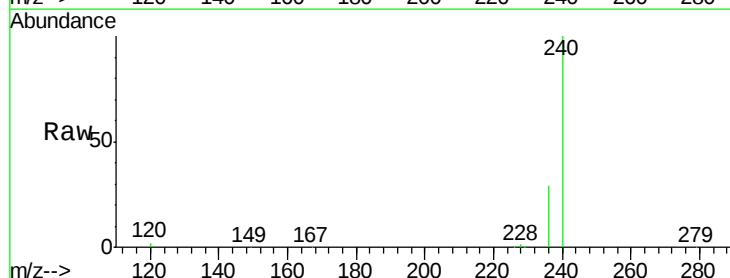
Tgt Ion:240 Resp: 233909

Ion Ratio Lower Upper

240 100

120 2.4 2.6 4.0#

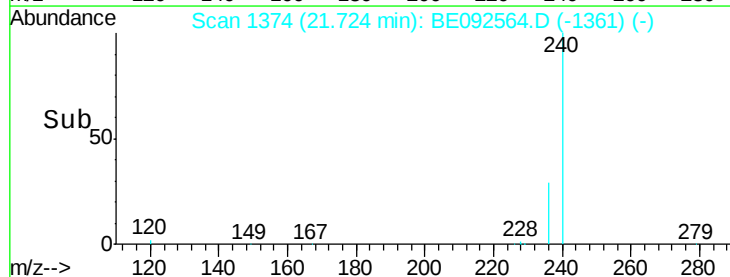
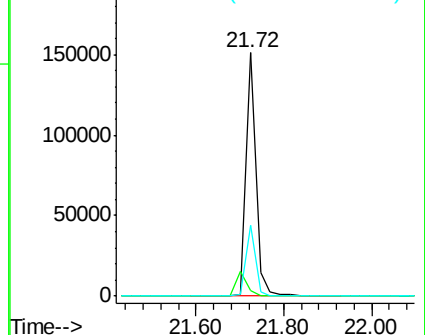
236 29.1 24.6 37.0

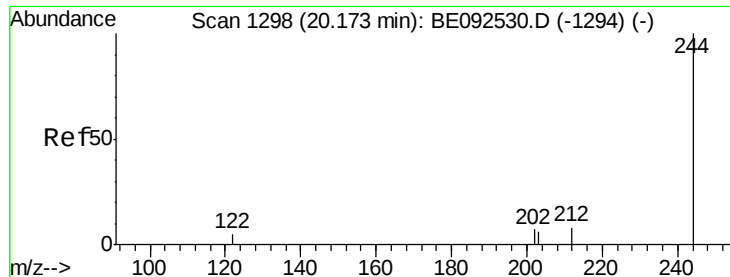


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

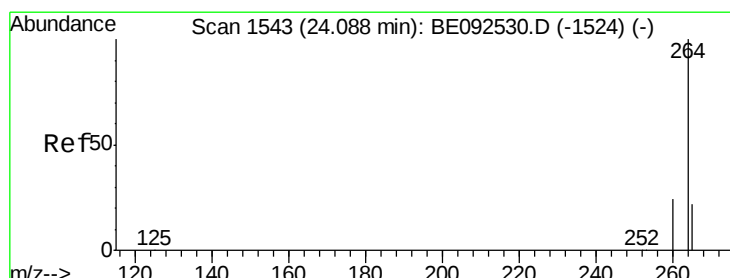
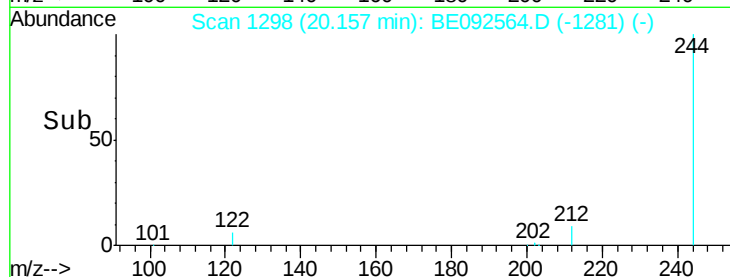
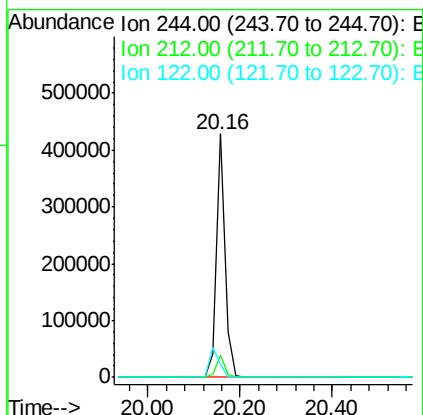
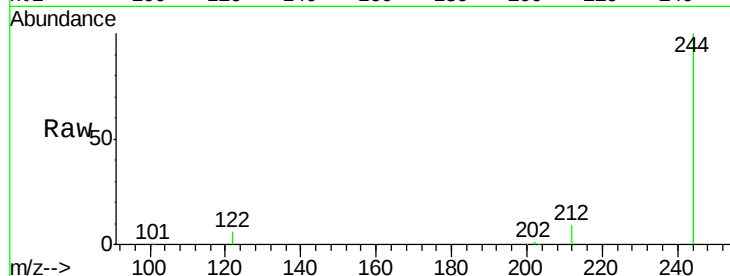




#26
 Terphenyl-d14
 Concen: 21.33 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092564.D
 Acq: 18 Nov 2016 13:34

Instrument :
 BNA_E
 ClientSampleId :
 PB94548BL

Tgt Ion: 244 Resp: 570464
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.7 10.1
 122 5.6 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092564.D
 Acq: 18 Nov 2016 13:34

Tgt Ion: 264 Resp: 240657
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.1 30.1
 265 20.8 17.9 26.9

