

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091316\
 Data File : BE092381.D
 Acq On : 13 Sep 2016 16:31
 Operator : UM/SJ
 Sample : PB93350BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93350BL

Quant Time: Sep 13 17:41:43 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10180	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	40402	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	21770	5.00	ng	0.02
18) Phenanthrene-d10	17.58	188	49330	5.00	ng	0.02
24) Chrysene-d12	21.75	240	53569	5.00	ng	0.00
31) Perylene-d12	24.12	264	56633	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	18349	7.58	ng	-0.02
5) Phenol-d6	7.34	99	22632	7.01	ng	-0.02
8) Nitrobenzene-d5	9.34	82	9051	3.12	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	4552	6.75	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	20988	3.14	ng	0.00
26) Terphenyl-d14	20.19	244	28309	3.57	ng	0.02

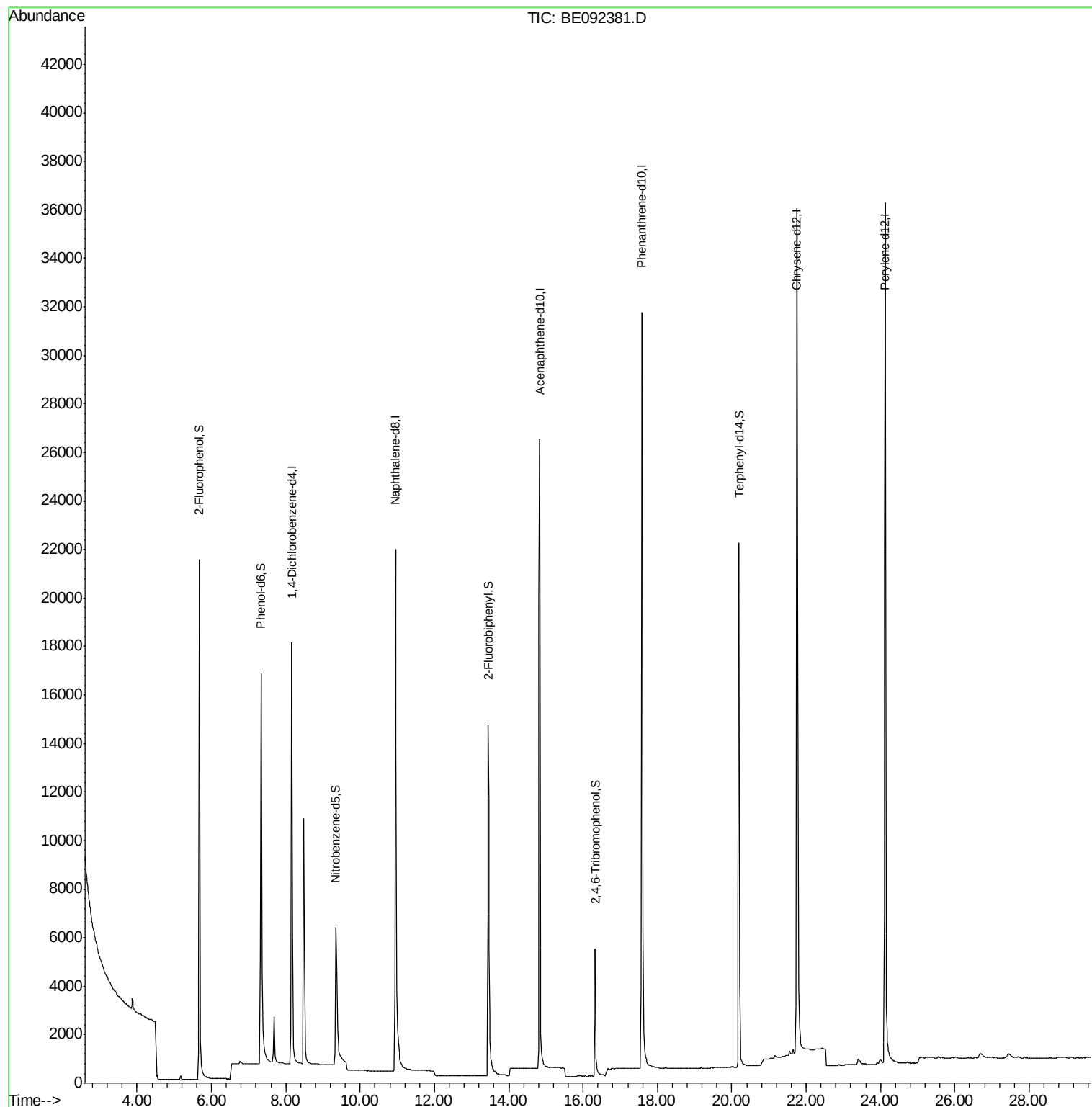
Target Compounds	Qvalue
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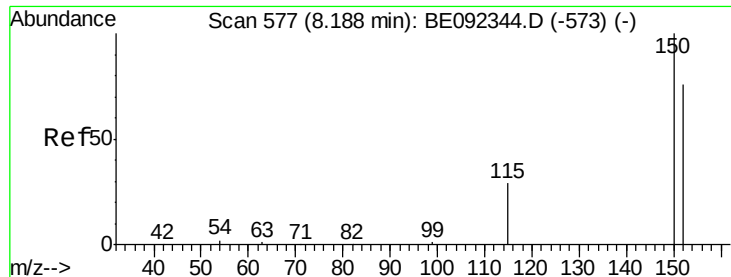
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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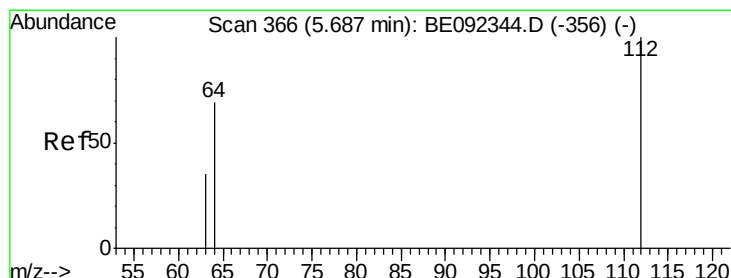
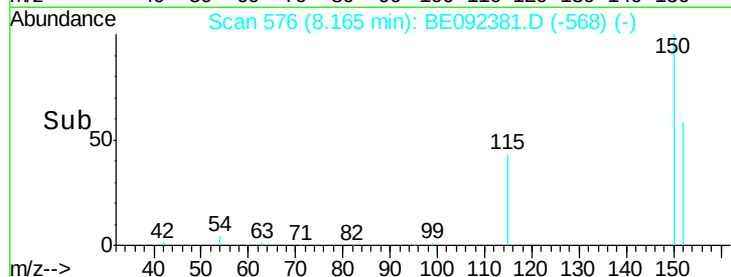
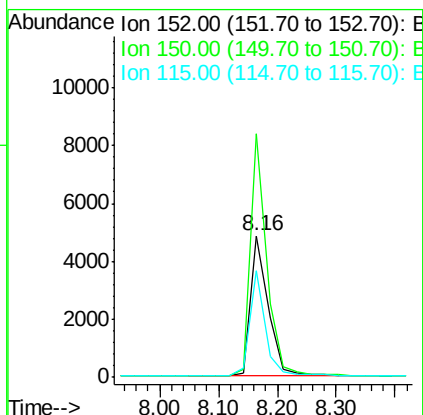
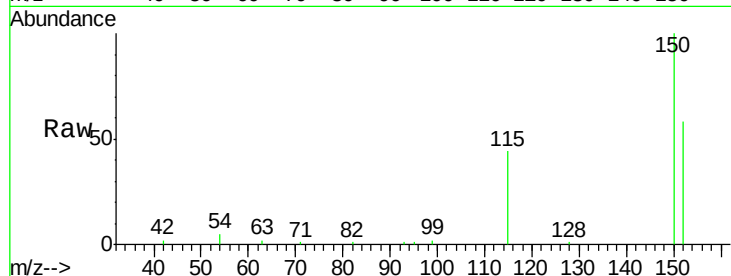


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092381.D
Acq: 13 Sep 2016 16:31

Instrument :
BNA_E
ClientSampled :
PB93350BL

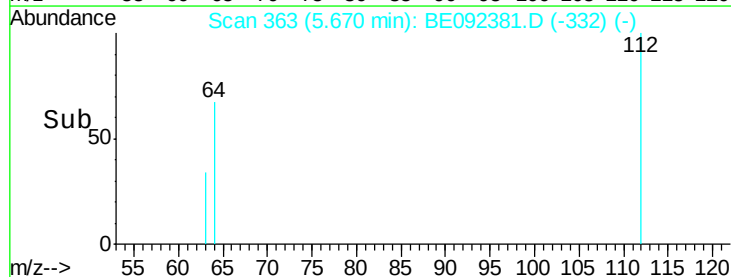
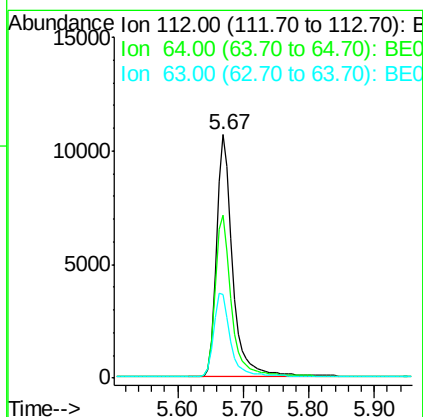
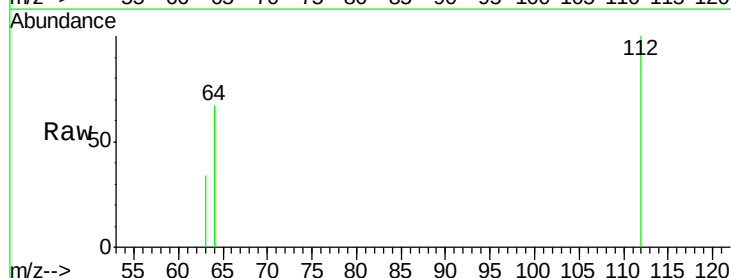
Tot Ion:152 Resp: 10180
Ion Ratio Lower Upper
152 100
150 172.2 106.0 159.0#
115 75.0 31.2 46.8#

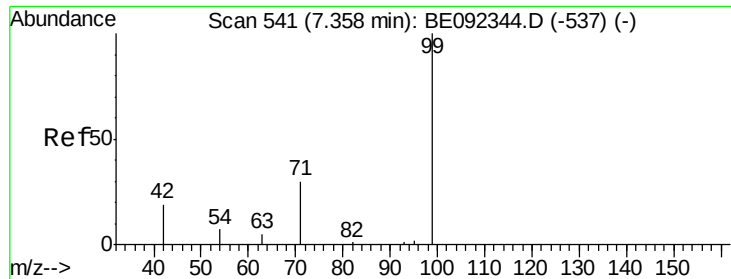


#4

2-Fluorophenol
Concen: 7.58 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092381.D
Acq: 13 Sep 2016 16:31

Tgt Ion:112 Resp: 18349
Ion Ratio Lower Upper
112 100
64 67.5 53.5 80.3
63 35.9 27.9 41.9





#5

Phenol-d6

Concen: 7.01 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092381.D

Acq: 13 Sep 2016 16:31

Instrument :

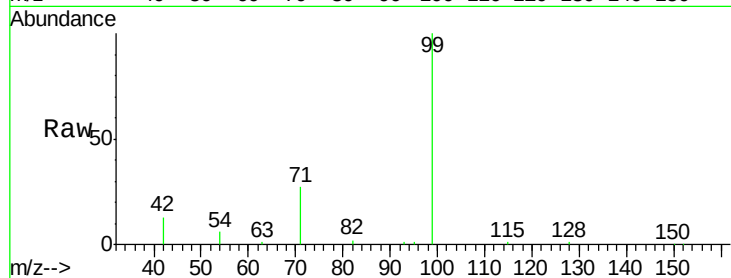
BNA_E

ClientSampleId :

PB93350BL

Tot Ion: 99 Resp: 22632

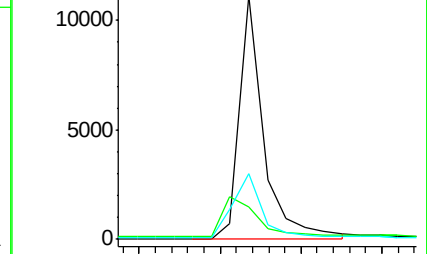
Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	33.2	30.6	45.8



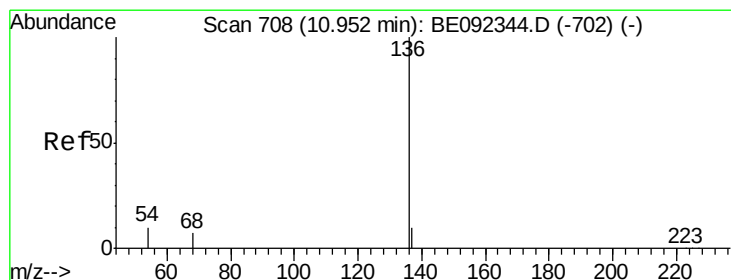
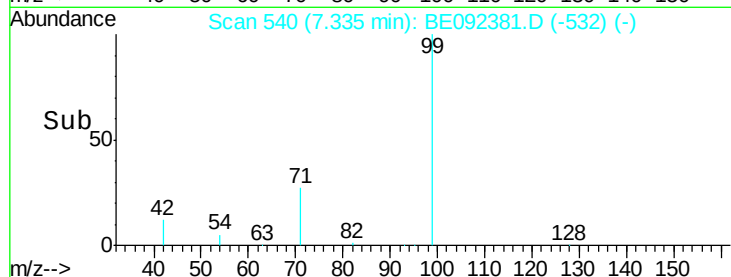
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

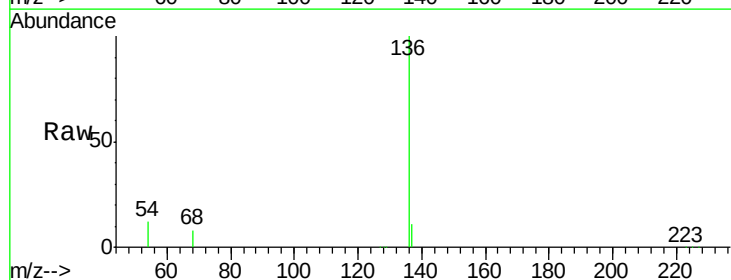
Delta R.T. -0.00 min

Lab File: BE092381.D

Acq: 13 Sep 2016 16:31

Tgt Ion: 136 Resp: 40402

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	11.6	9.6	14.4
68	8.0	6.7	10.1

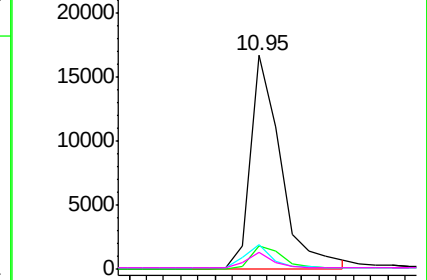


Abundance Ion 136.00 (135.70 to 136.70): E

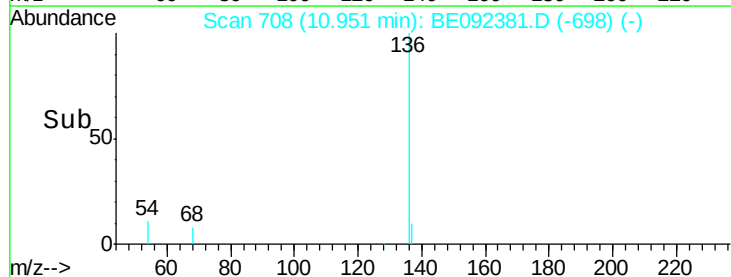
Ion 137.00 (136.70 to 137.70): E

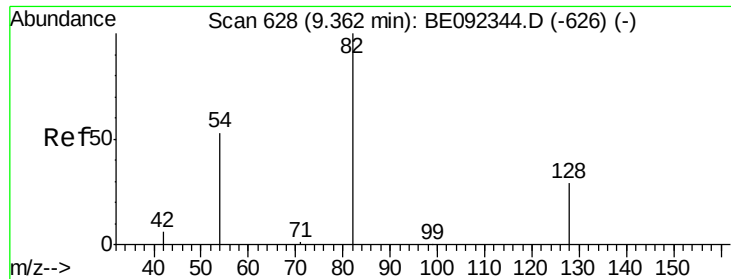
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

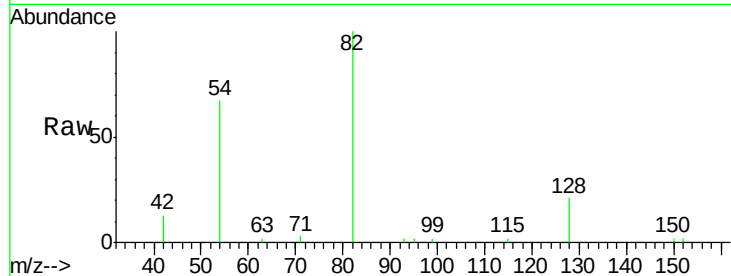




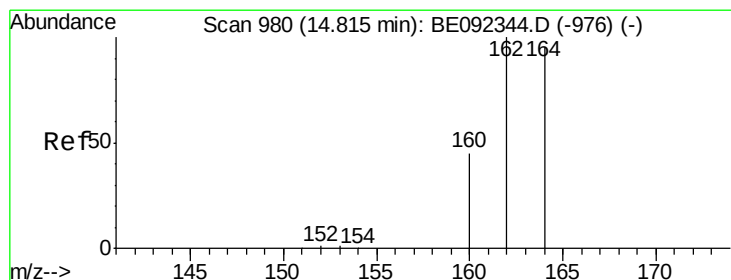
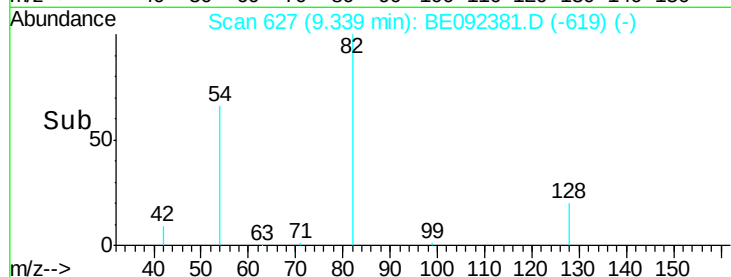
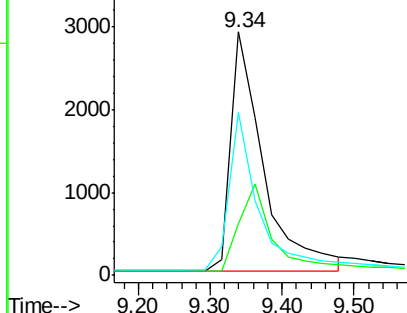
#8
 Nitrobenzene-d5
 Concen: 3.12 ng
 RT: 9.34 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BE092381.D
 Acq: 13 Sep 2016 16:31

Instrument :
 BNA_E
 ClientSampleId :
 PB93350BL

Tot Ion: 82 Resp: 9051
 Ion Ratio Lower Upper
 82 100
 128 21.1 39.0 58.4#
 54 67.1 44.8 67.2

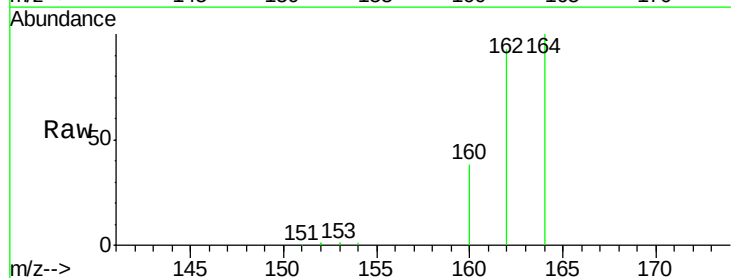


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

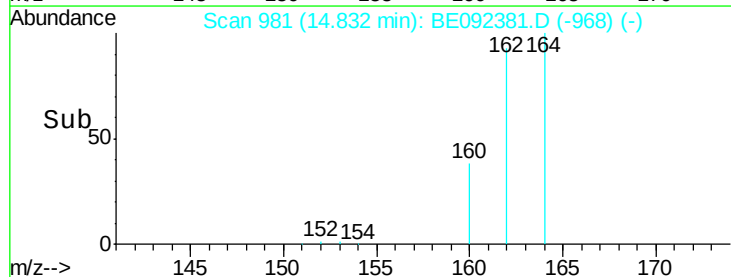
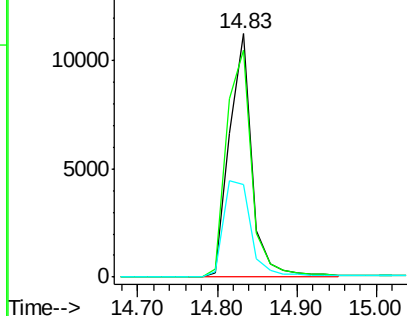


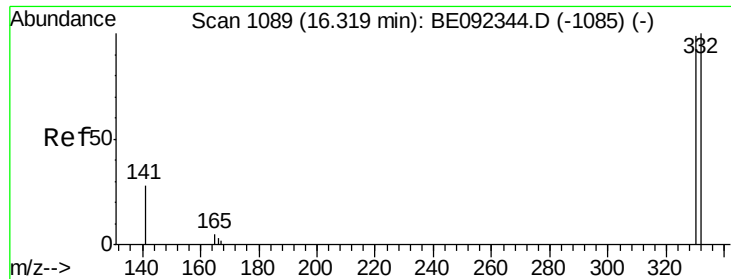
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.83 min Scan# 981
 Delta R.T. 0.02 min
 Lab File: BE092381.D
 Acq: 13 Sep 2016 16:31

Tgt Ion: 164 Resp: 21770
 Ion Ratio Lower Upper
 164 100
 162 93.1 71.4 107.0
 160 38.1 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

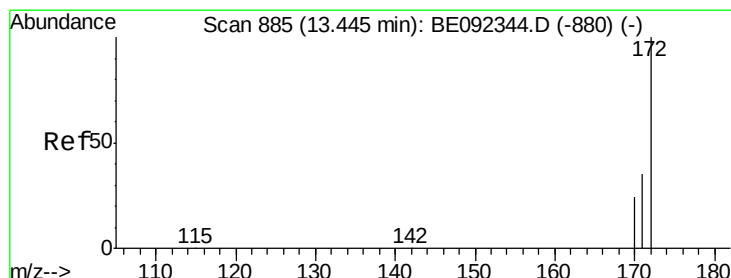
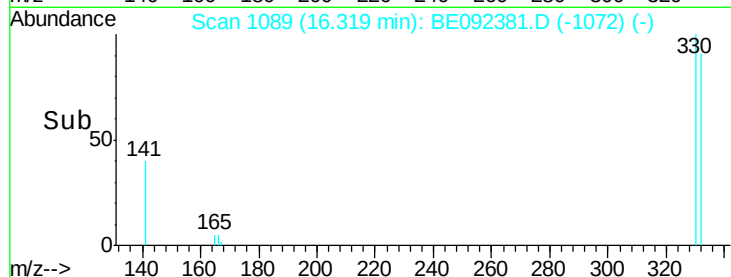
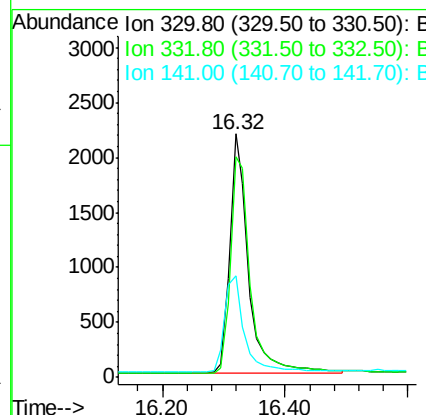
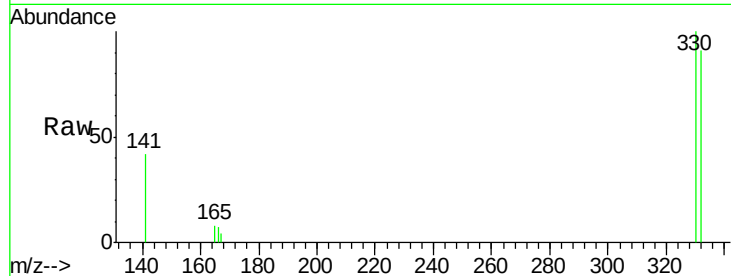




#13
 2,4,6-Tribromophenol
 Concen: 6.75 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092381.D
 Acq: 13 Sep 2016 16:31

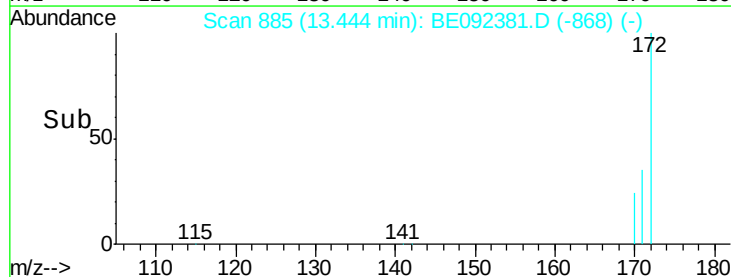
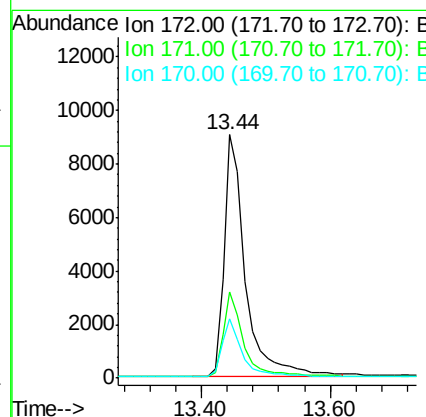
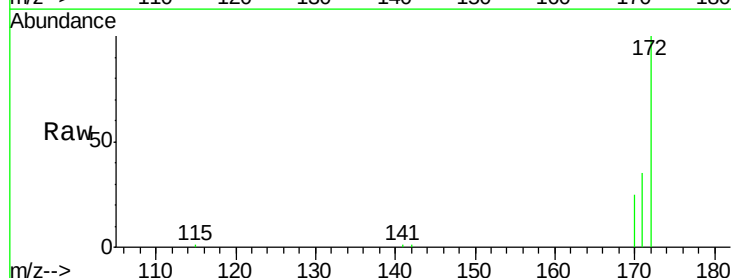
Instrument :
 BNA_E
 ClientSampleId :
 PB93350BL

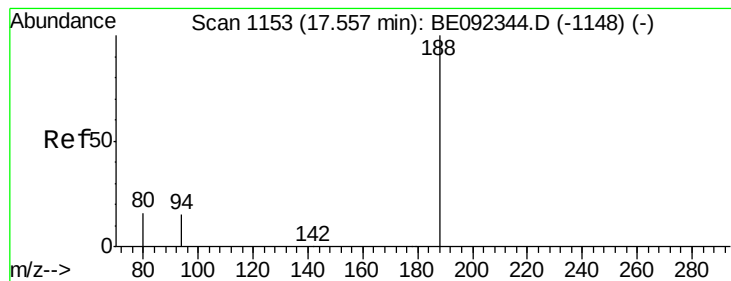
Tot Ion:330 Resp: 4552
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 42.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.14 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092381.D
 Acq: 13 Sep 2016 16:31

Tgt Ion:172 Resp: 20988
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.1 45.1
 170 24.5 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092381.D

Acq: 13 Sep 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB93350BL

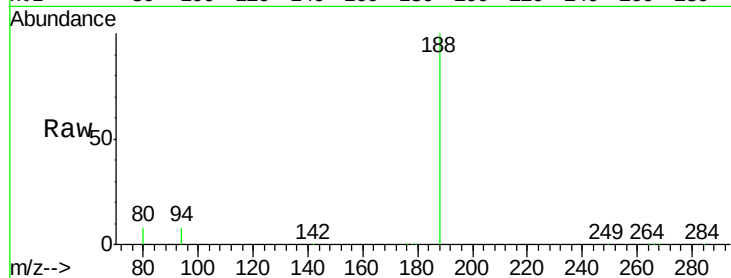
Tot Ion:188 Resp: 49330

Ion Ratio Lower Upper

188 100

94 8.0 3.2 4.8#

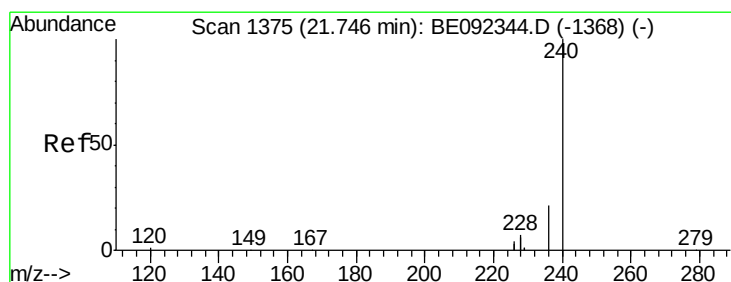
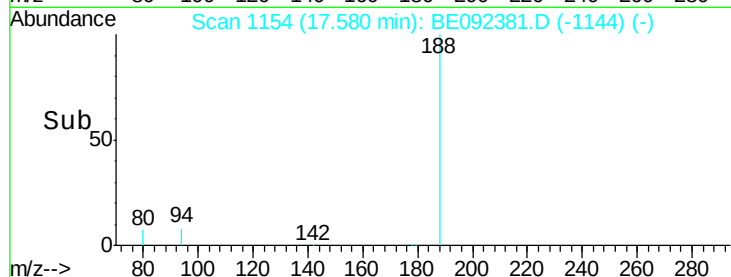
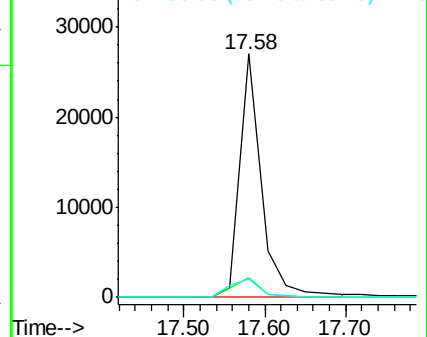
80 7.5 2.6 3.8#



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: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092381.D

Acq: 13 Sep 2016 16:31

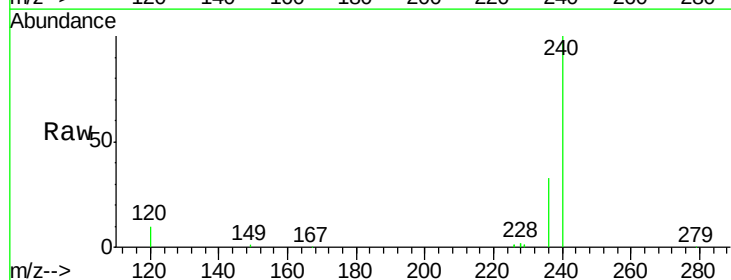
Tgt Ion:240 Resp: 53569

Ion Ratio Lower Upper

240 100

120 10.2 2.6 4.0#

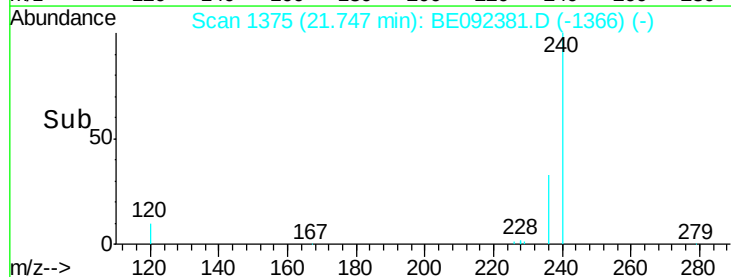
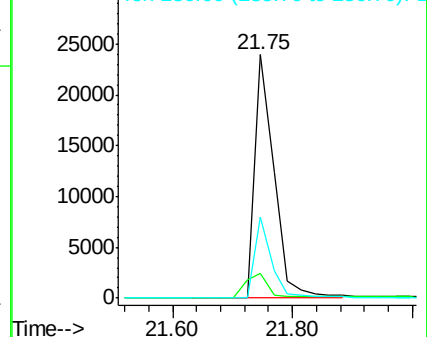
236 33.0 24.6 37.0

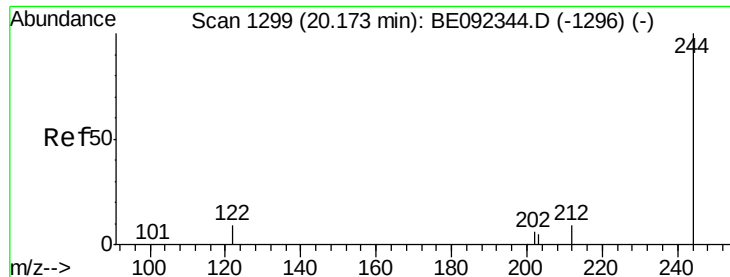


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

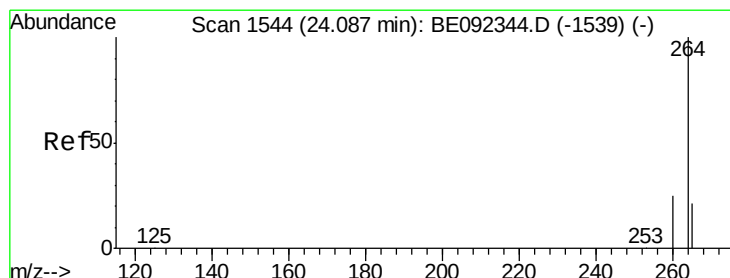
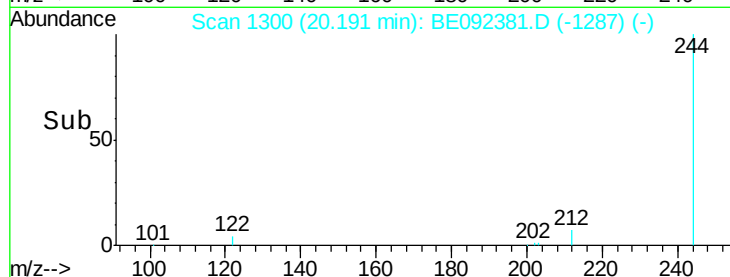
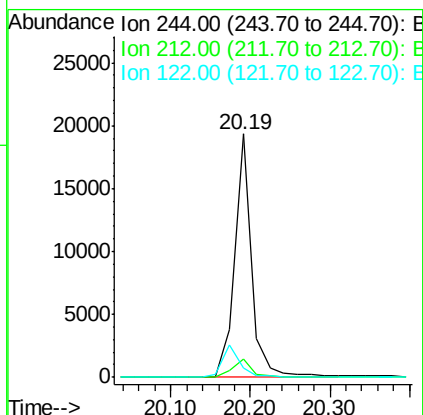
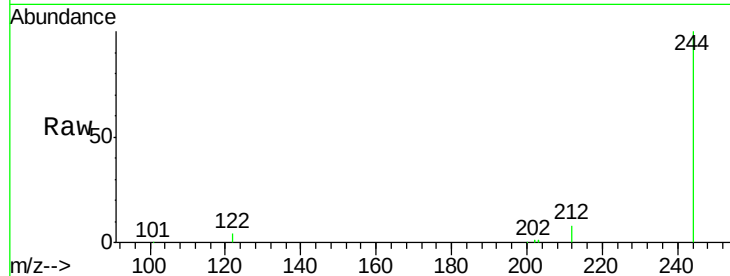




#26
 Terphenyl-d14
 Concen: 3.57 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092381.D
 Acq: 13 Sep 2016 16:31

Instrument :
 BNA_E
 ClientSampled :
 PB93350BL

Tot Ion:244 Resp: 28309
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.7 10.1
 122 3.9 3.6 5.4



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.04 min
 Lab File: BE092381.D
 Acq: 13 Sep 2016 16:31

Tgt Ion:264 Resp: 56633
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.1 30.1
 265 21.5 17.9 26.9

