

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
 Data File : BE092692.D
 Acq On : 31 Jan 2017 18:21
 Operator : SJ/MA
 Sample : PB96580BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96580BL

Quant Time: Feb 01 02:52:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10933	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	48956	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	29770	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	61428	5.00	ng	0.00
24) Chrysene-d12	21.72	240	72311	5.00	ng	0.00
31) Perylene-d12	24.06	264	79923	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	19573	8.02	ng	-0.01
5) Phenol-d6	7.31	99	22869	7.64	ng	-0.02
8) Nitrobenzene-d5	9.32	82	10123	3.19	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	3379	3.91	ng	0.01
14) 2-Fluorobiphenyl	13.41	172	25173	3.44	ng	-0.01
26) Terphenyl-d14	20.16	244	34539	3.38	ng	0.00

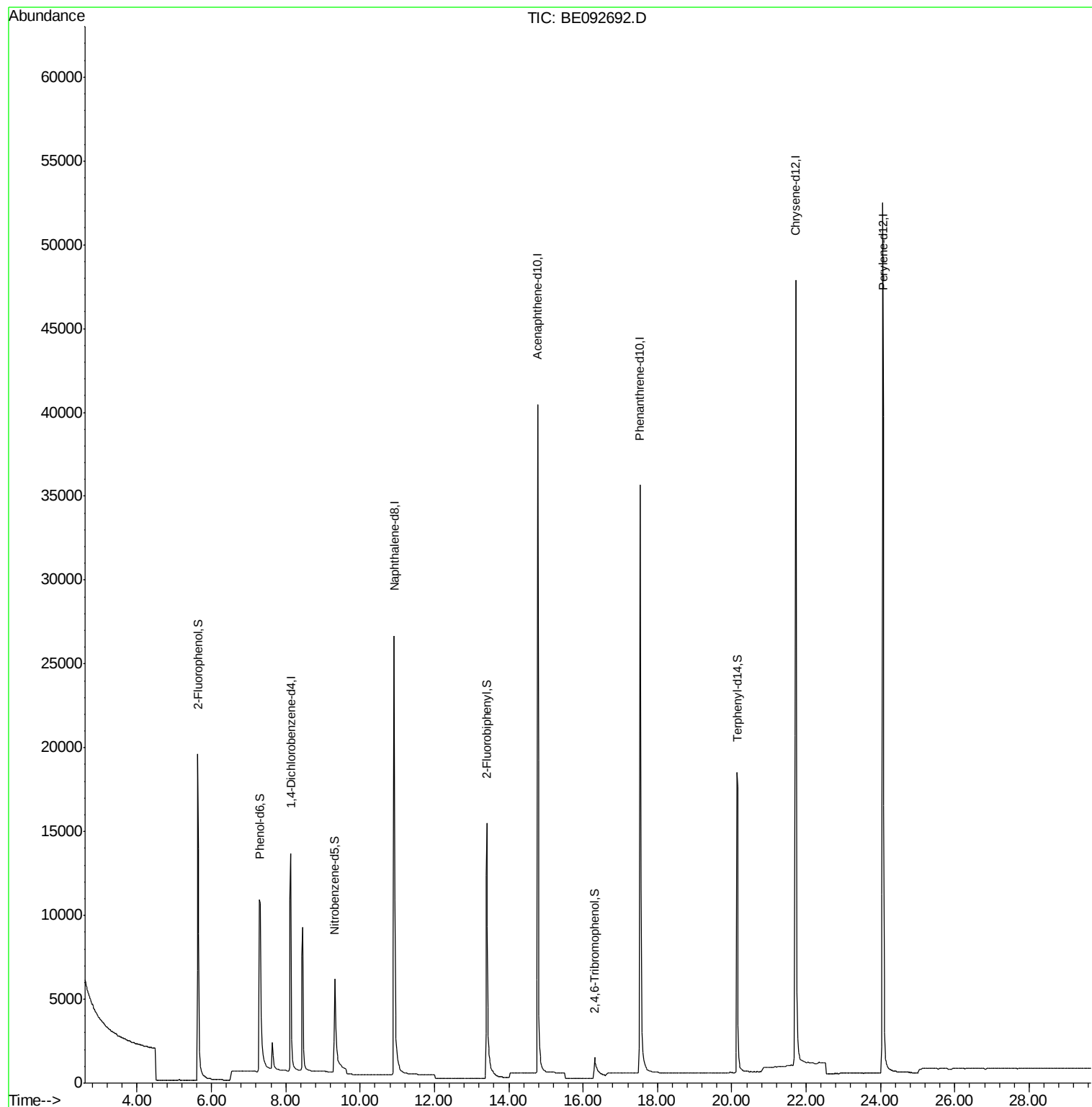
Target Compounds Qvalue

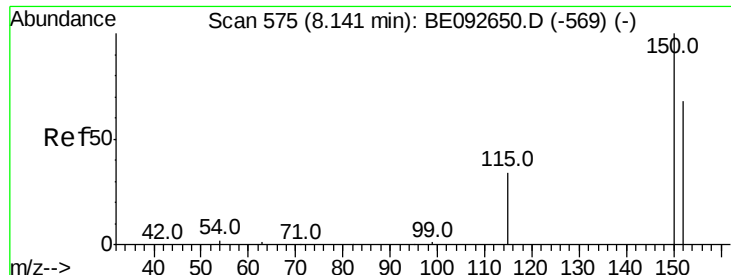
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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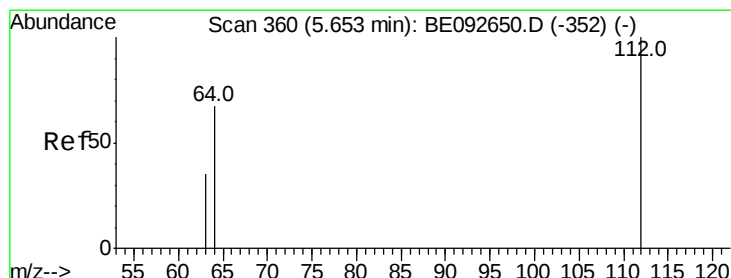
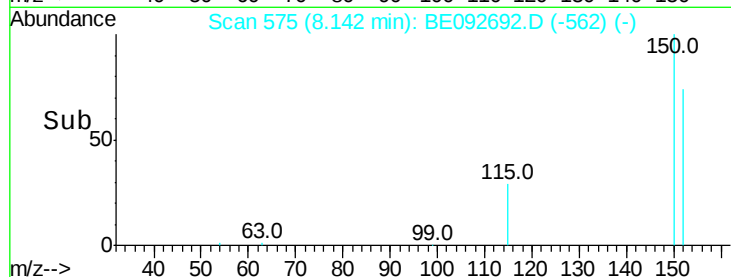
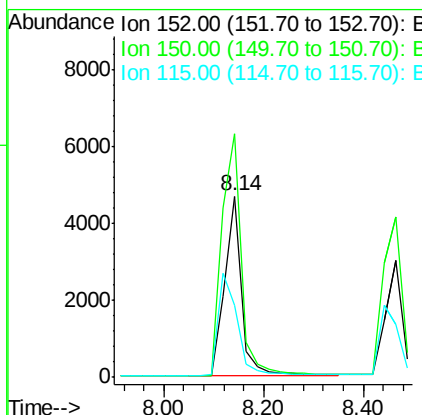
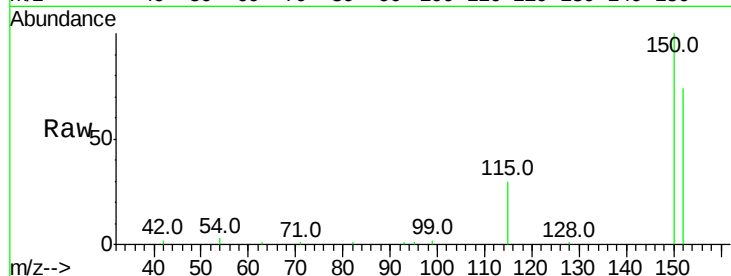


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092692.D
Acq: 31 Jan 2017 18:21

Instrument :
BNA_E
ClientSampleId :
PB96580BL

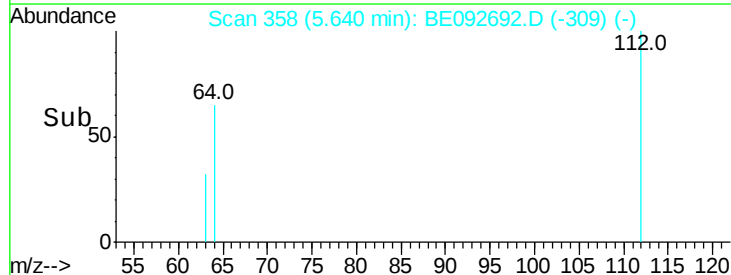
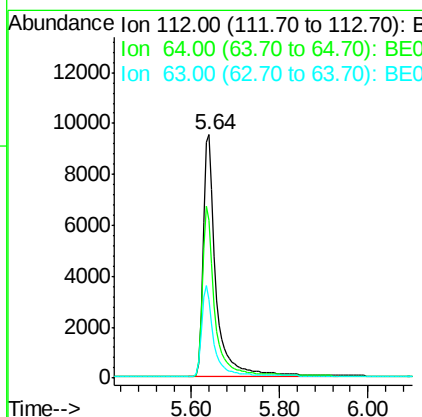
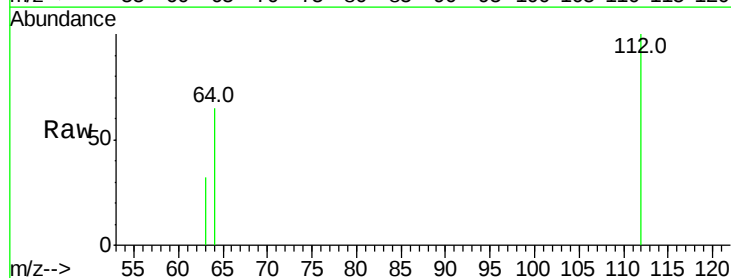
Tot Ion:152 Resp: 10933
Ion Ratio Lower Upper
152 100
150 134.4 106.0 159.0
115 40.1 31.2 46.8

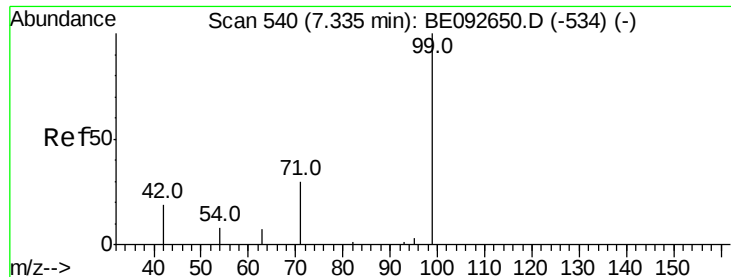


#4

2-Fluorophenol
Concen: 8.02 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092692.D
Acq: 31 Jan 2017 18:21

Tgt Ion:112 Resp: 19573
Ion Ratio Lower Upper
112 100
64 69.0 53.5 80.3
63 36.8 27.9 41.9





#5

Phenol-d6

Concen: 7.64 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092692.D

Acq: 31 Jan 2017 18:21

Instrument :

BNA_E

ClientSampleId :

PB96580BL

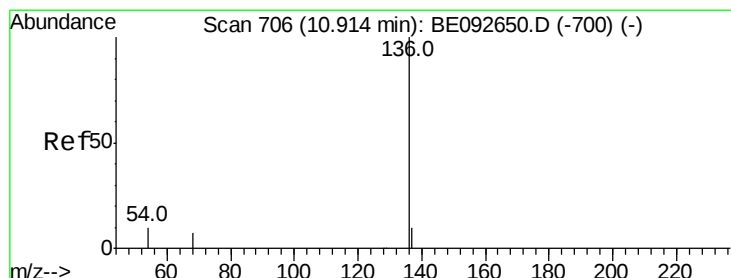
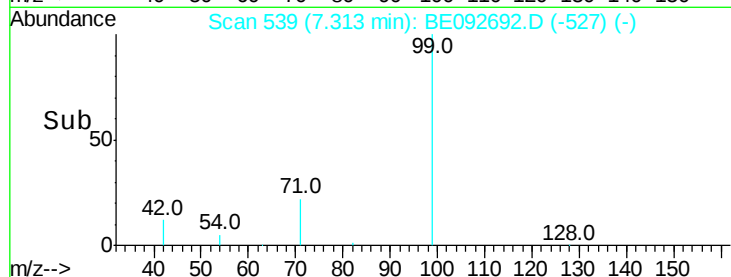
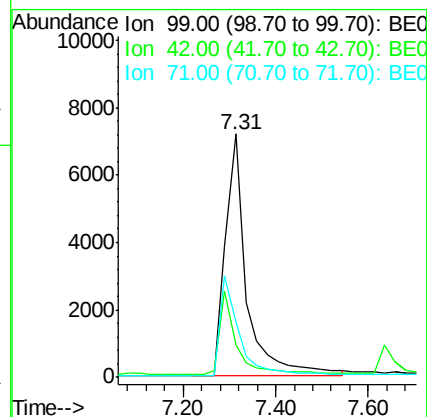
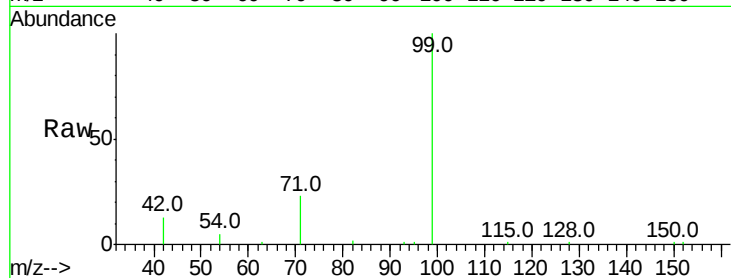
Tot Ion: 99 Resp: 22869

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092692.D

Acq: 31 Jan 2017 18:21

Tgt Ion: 136 Resp: 48956

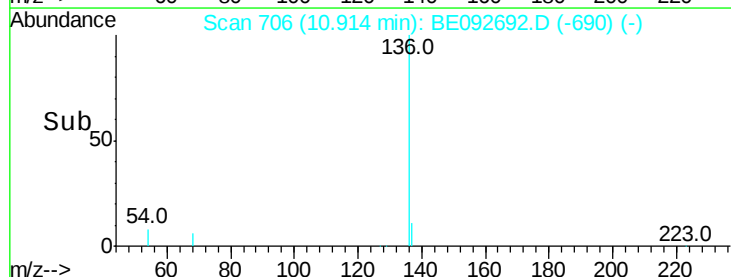
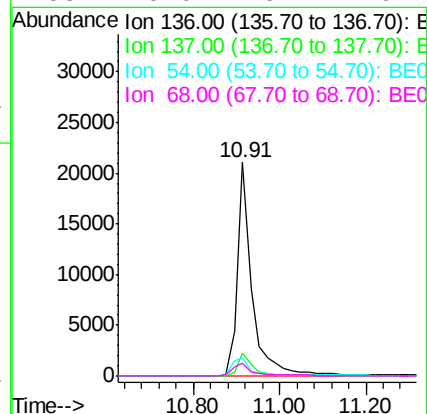
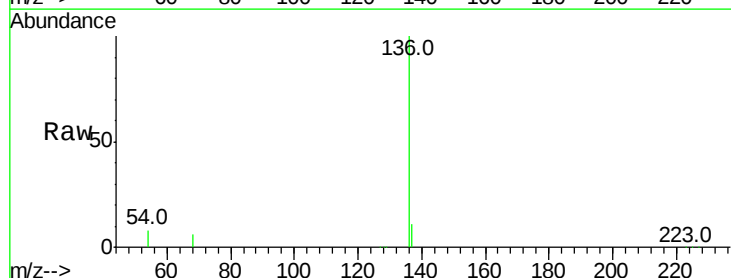
Ion Ratio Lower Upper

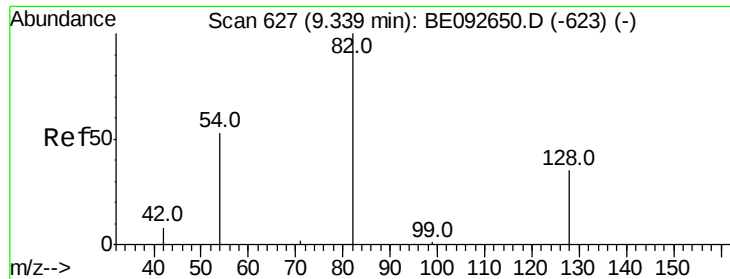
136 100

137 11.1 8.2 12.4

54 8.3 9.6 14.4#

68 6.0 6.7 10.1#

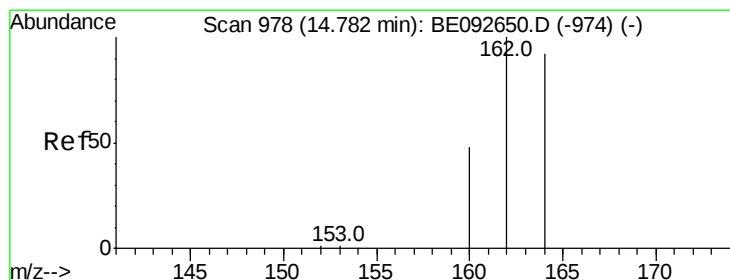
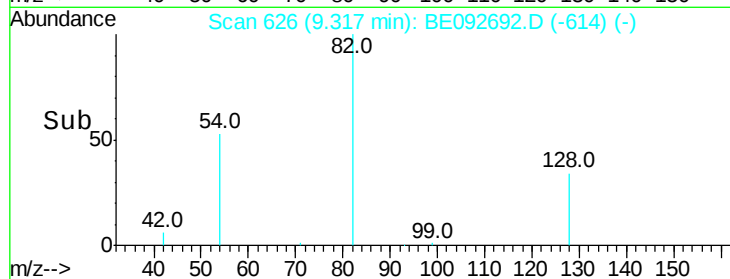
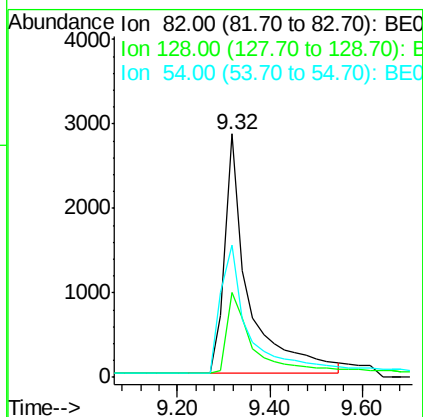
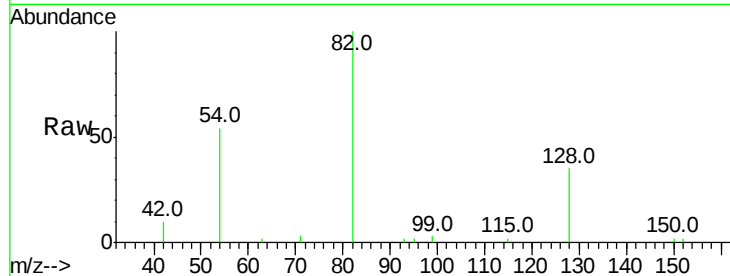




#8
 Nitrobenzene-d5
 Concen: 3.19 ng
 RT: 9.32 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BE092692.D
 Acq: 31 Jan 2017 18:21

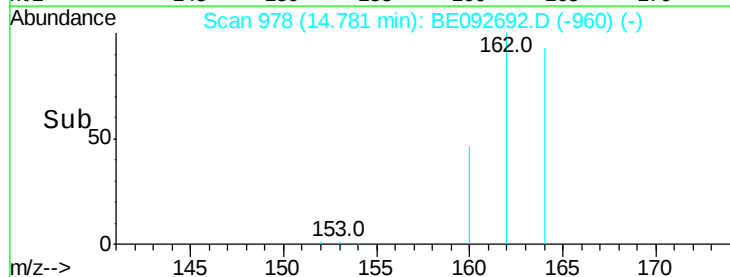
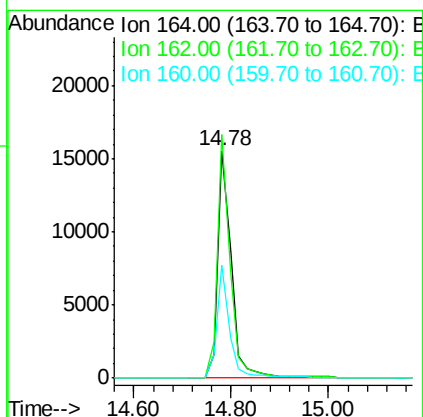
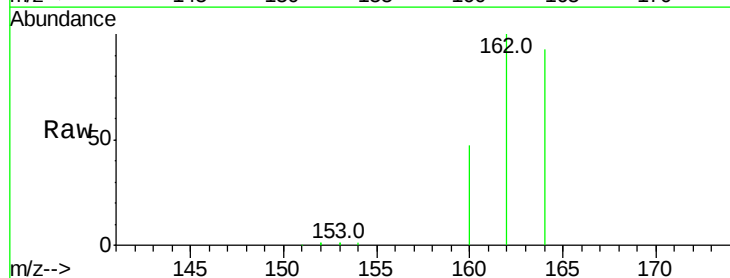
Instrument :
 BNA_E
 ClientSampleId :
 PB96580BL

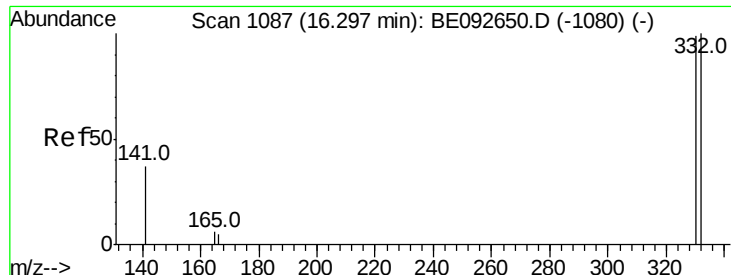
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	39.0	58.4#
54	54.3	44.8	67.2



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.78 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BE092692.D
 Acq: 31 Jan 2017 18:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	71.4	107.0#
160	49.9	27.4	41.2#

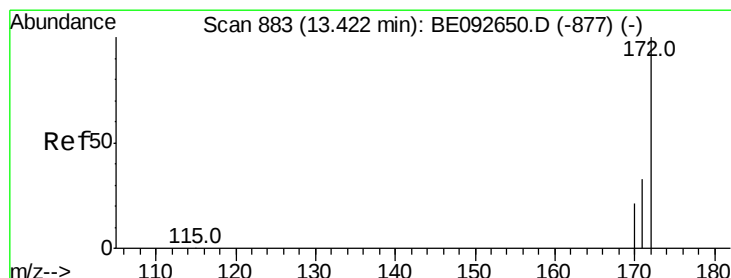
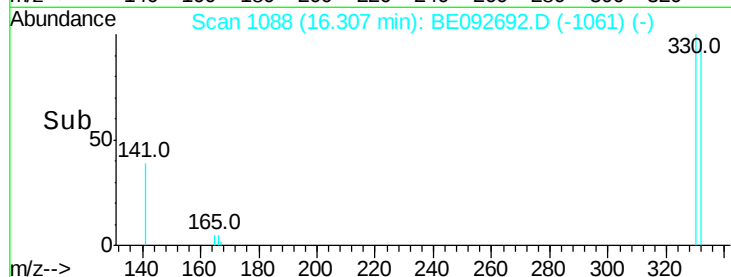
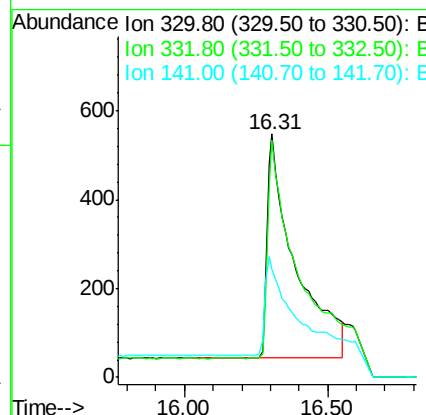
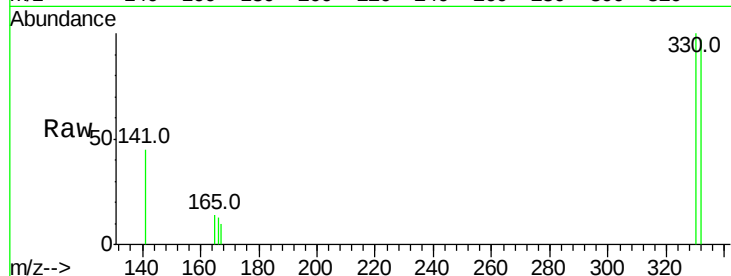




#13
 2,4,6-Tribromophenol
 Concen: 3.91 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BE092692.D
 Acq: 31 Jan 2017 18:21

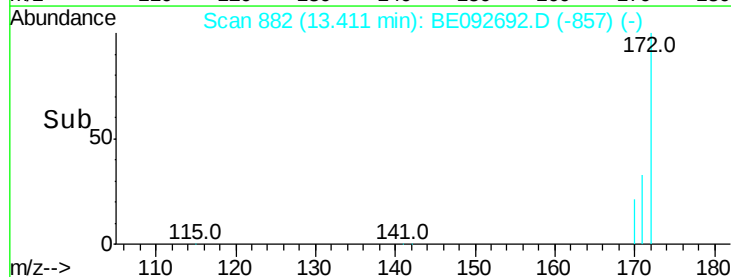
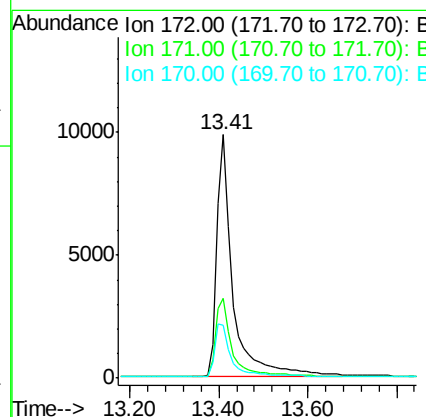
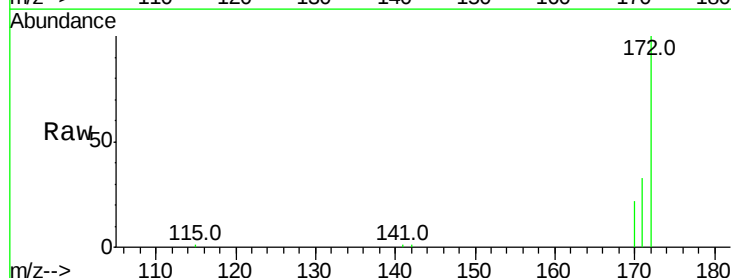
Instrument :
 BNA_E
 ClientSampleId :
 PB96580BL

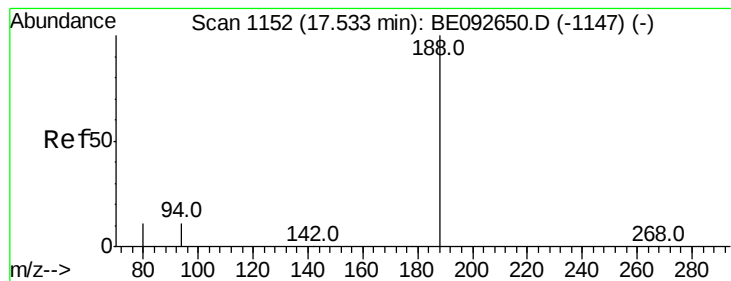
Tot Ion:330 Resp: 3379
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 46.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.44 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BE092692.D
 Acq: 31 Jan 2017 18:21

Tgt Ion:172 Resp: 25173
 Ion Ratio Lower Upper
 172 100
 171 32.8 30.1 45.1
 170 21.6 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE092692.D

Acq: 31 Jan 2017 18:21

Instrument :

BNA_E

ClientSampleId :

PB96580BL

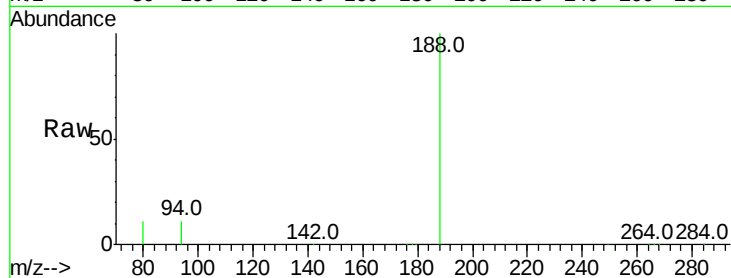
Tot Ion:188 Resp: 61428

Ion Ratio Lower Upper

188 100

94 10.8 3.2 4.8#

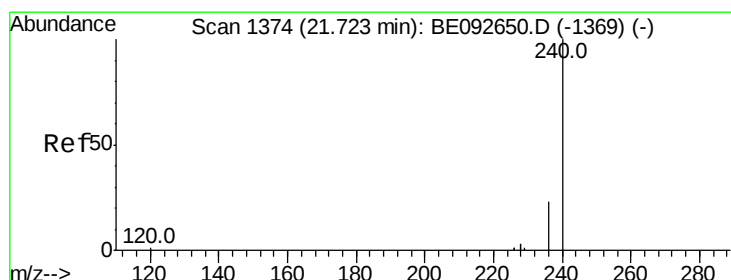
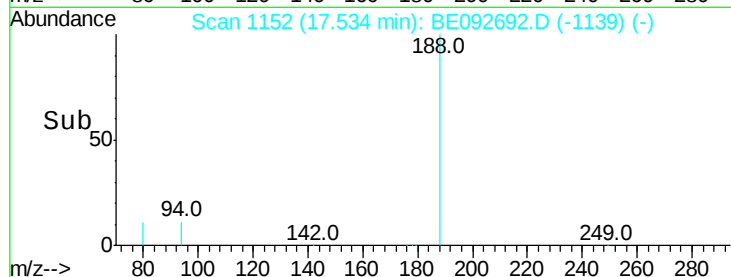
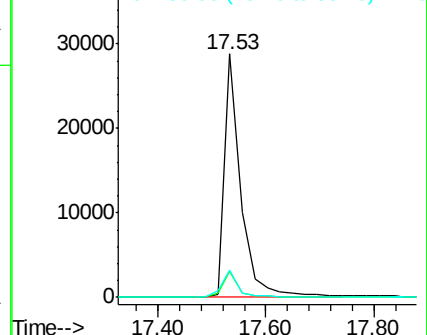
80 11.0 2.6 3.8#



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: BE092692.D

Acq: 31 Jan 2017 18:21

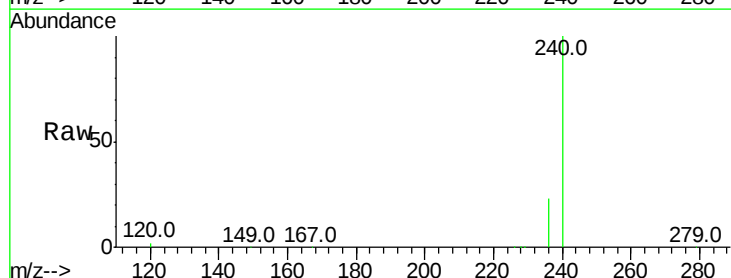
Tgt Ion:240 Resp: 72311

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

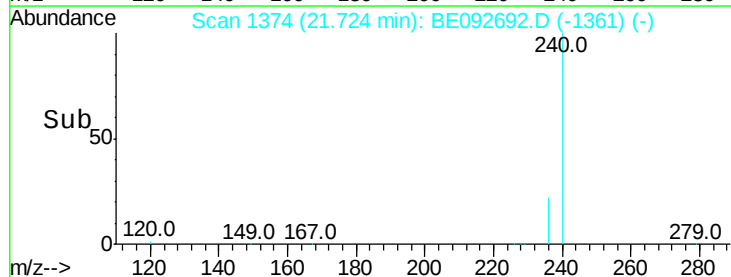
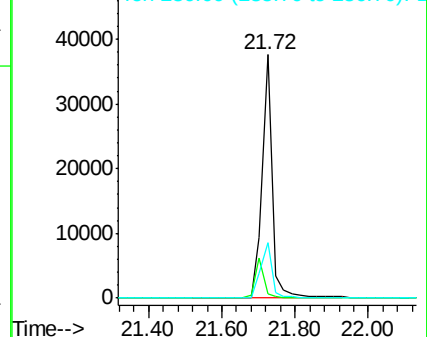
236 22.5 24.6 37.0#

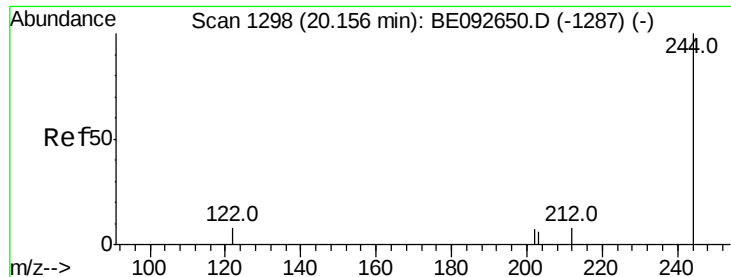


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

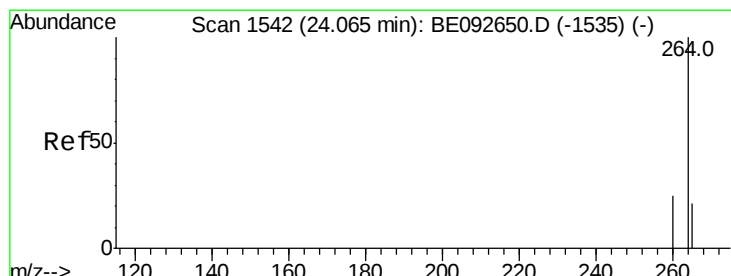
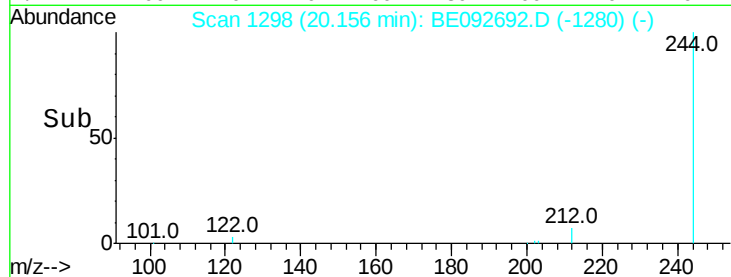
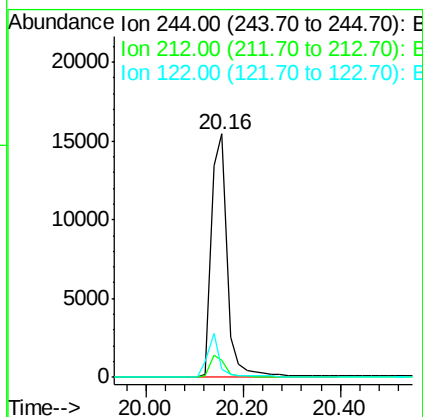
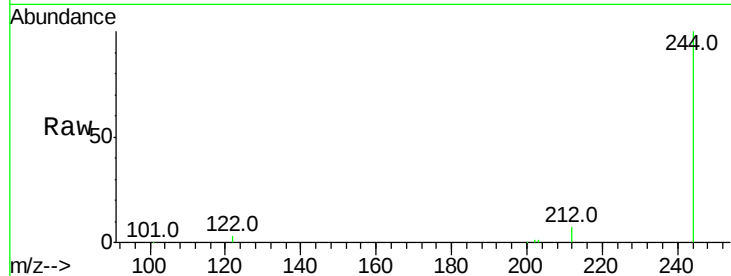




#26
 Terphenyl-d14
 Concen: 3.38 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BE092692.D
 Acq: 31 Jan 2017 18:21

Instrument :
 BNA_E
 ClientSampleId :
 PB96580BL

Tot Ion:244 Resp: 34539
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.7 10.1
 122 3.3 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE092692.D
 Acq: 31 Jan 2017 18:21

Tgt Ion:264 Resp: 79923
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.1 30.1
 265 21.5 17.9 26.9

