

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120116\
 Data File : BE092581.D
 Acq On : 1 Dec 2016 10:49
 Operator : UM/SJ
 Sample : PB94961BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94961BL

Quant Time: Dec 02 01:31:01 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	10813	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	46157	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	27825	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	56776	5.00	ng	0.00
24) Chrysene-d12	21.72	240	61544	5.00	ng	0.00
31) Perylene-d12	24.08	264	57815	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	19076	10.45	ng	-0.02
5) Phenol-d6	7.31	99	24912	8.17	ng	-0.04
8) Nitrobenzene-d5	9.34	82	11027	3.70	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3976	6.37	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	26303	3.88	ng	-0.01
26) Terphenyl-d14	20.16	244	31630	4.50	ng	-0.02

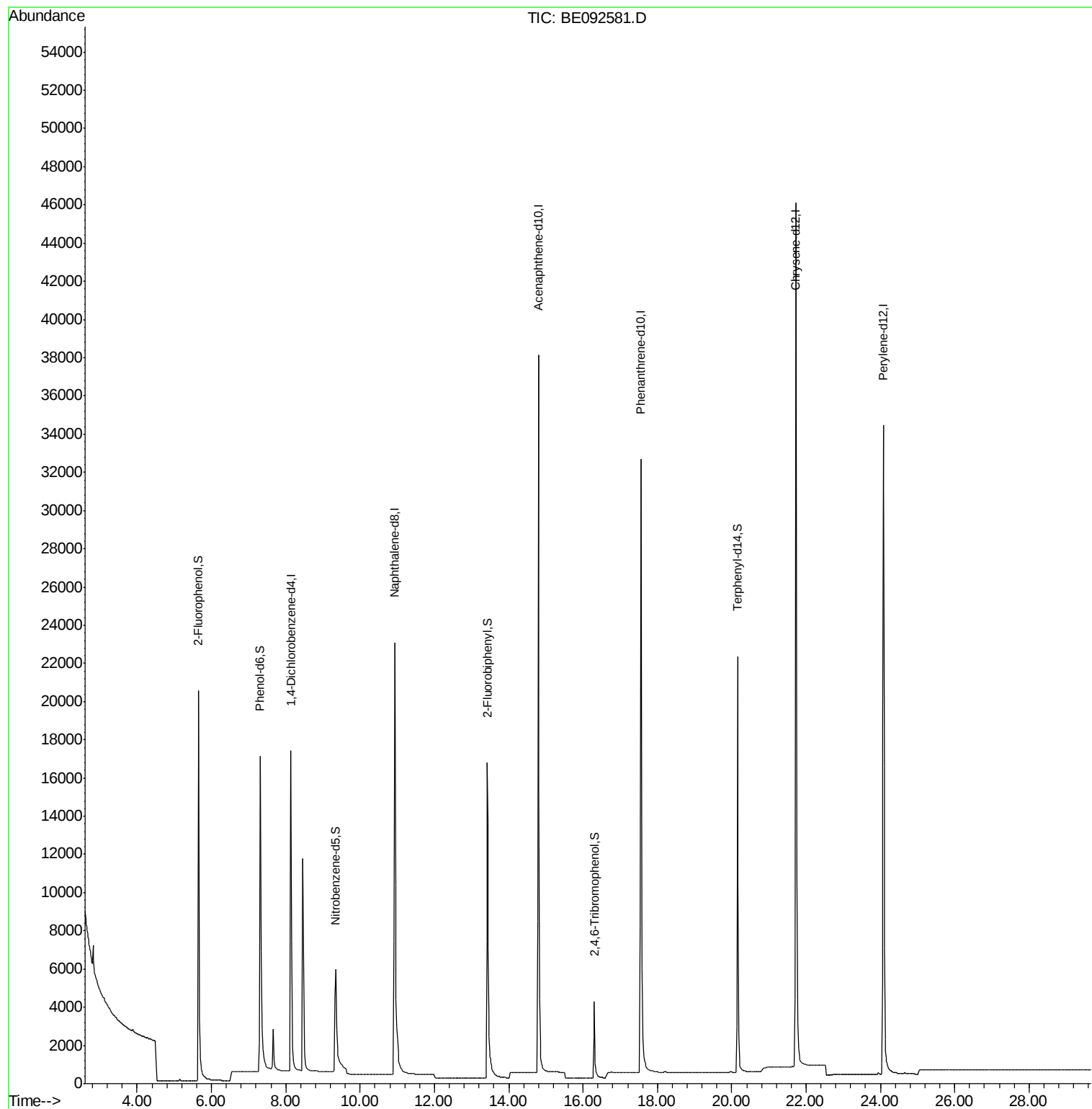
Target Compounds Qvalue

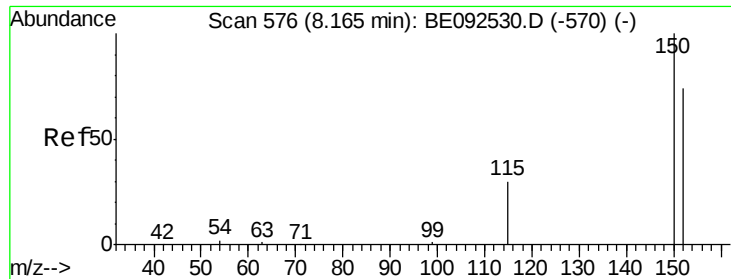
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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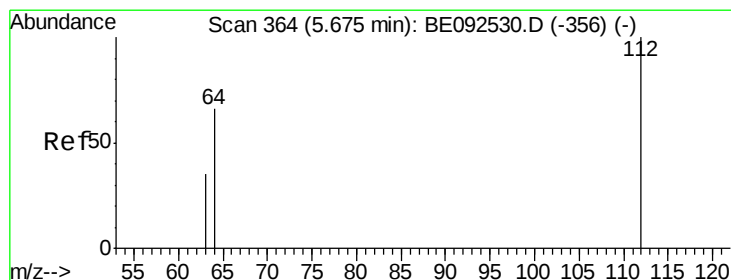
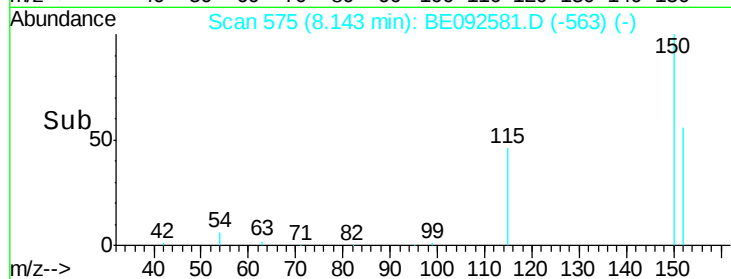
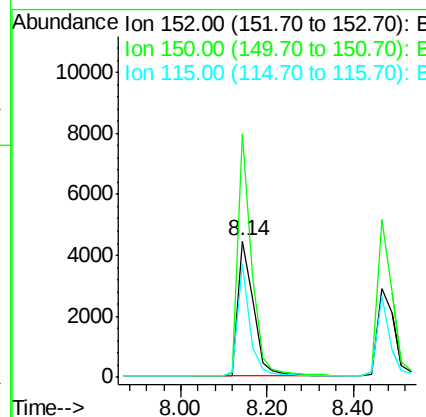
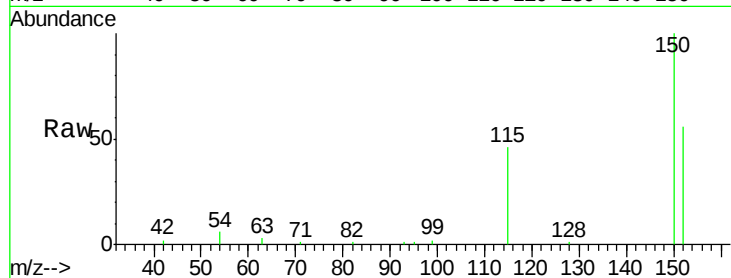




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.14 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BE092581.D
 Acq: 1 Dec 2016 10:49

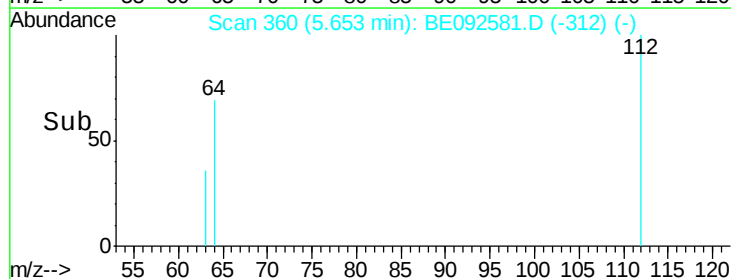
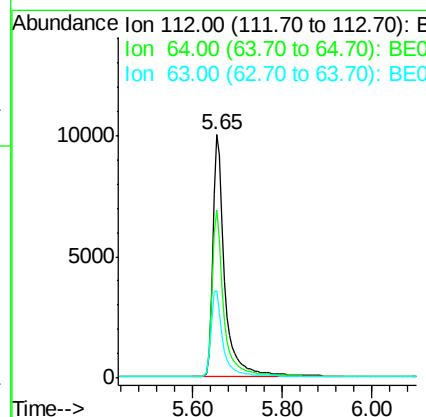
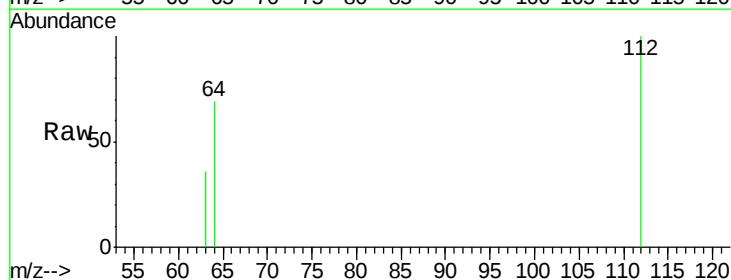
Instrument :
 BNA_E
 ClientSampleId :
 PB94961BL

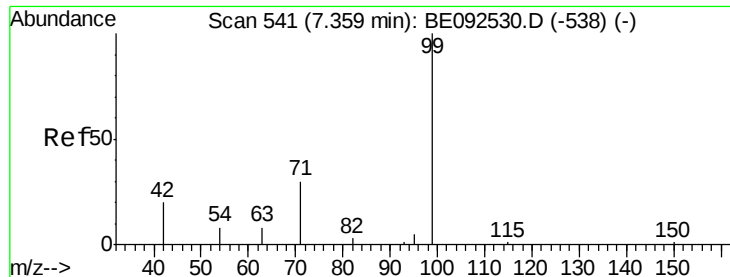
Tot Ion:152 Resp: 10813
 Ion Ratio Lower Upper
 152 100
 150 178.6 106.0 159.0#
 115 82.7 31.2 46.8#



#4
 2-Fluorophenol
 Concen: 10.45 ng
 RT: 5.65 min Scan# 360
 Delta R.T. -0.02 min
 Lab File: BE092581.D
 Acq: 1 Dec 2016 10:49

Tgt Ion:112 Resp: 19076
 Ion Ratio Lower Upper
 112 100
 64 68.3 53.5 80.3
 63 36.8 27.9 41.9





#5

Phenol-d6

Concen: 8.17 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.04 min

Lab File: BE092581.D

Acq: 1 Dec 2016 10:49

Instrument :

BNA_E

ClientSampleId :

PB94961BL

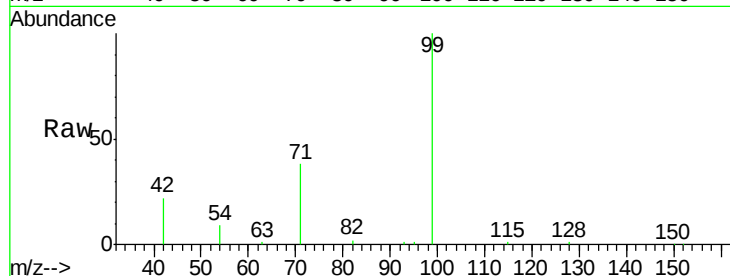
Tot Ion: 99 Resp: 24912

Ion Ratio Lower Upper

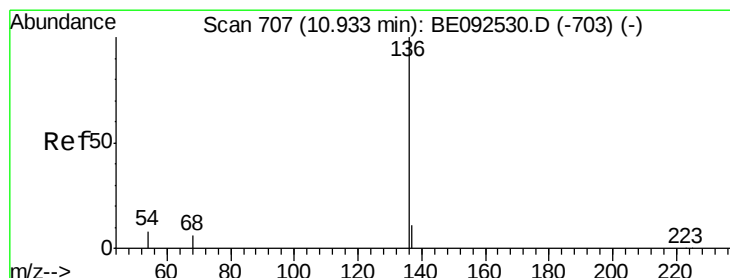
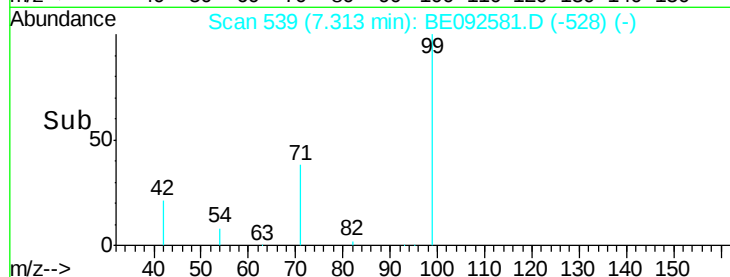
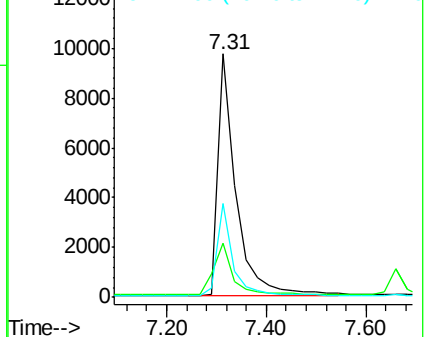
99 100

42 23.4 16.0 24.0

71 34.2 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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092581.D

Acq: 1 Dec 2016 10:49

Tgt Ion: 136 Resp: 46157

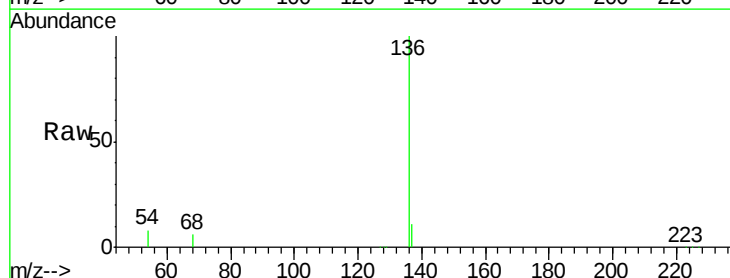
Ion Ratio Lower Upper

136 100

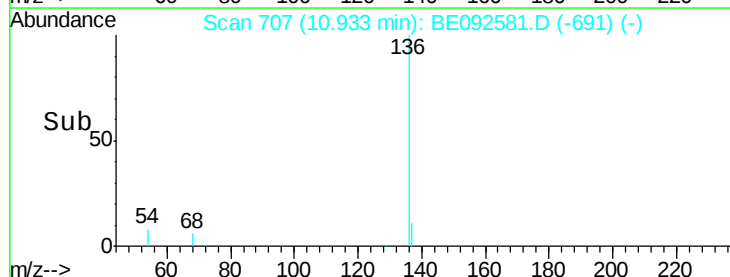
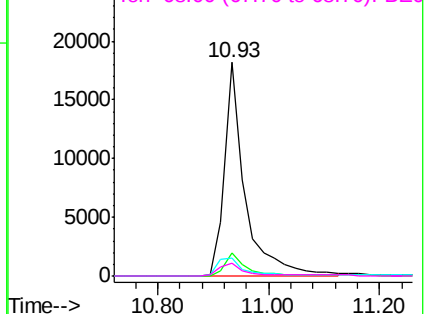
137 11.0 8.2 12.4

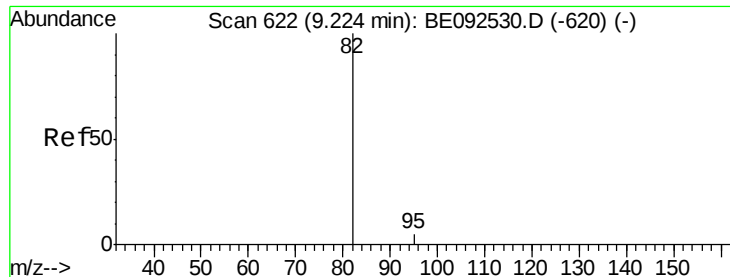
54 8.4 9.6 14.4#

68 6.1 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: 3.70 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092581.D

Acq: 1 Dec 2016 10:49

Instrument :

BNA_E

ClientSampleId :

PB94961BL

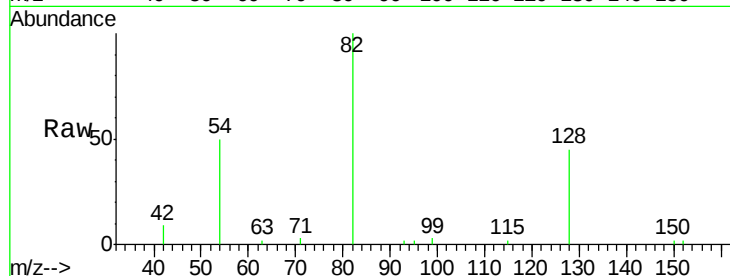
Tot Ion: 82 Resp: 11027

Ion Ratio Lower Upper

82 100

128 44.6 39.0 58.4

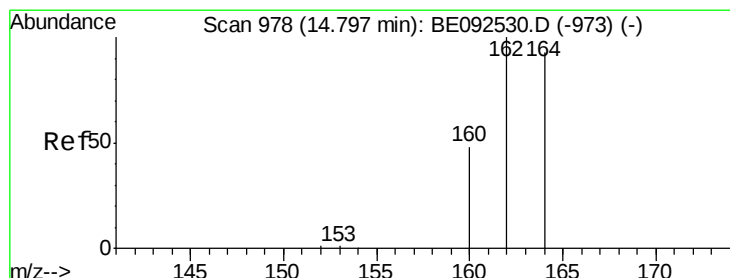
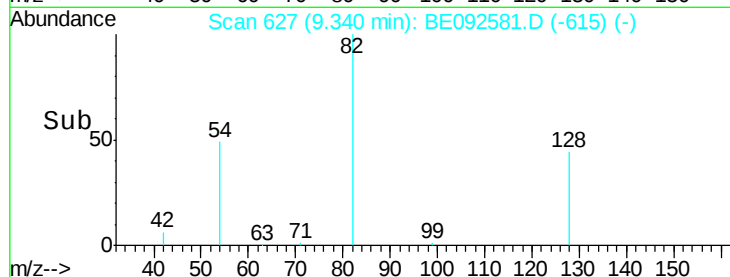
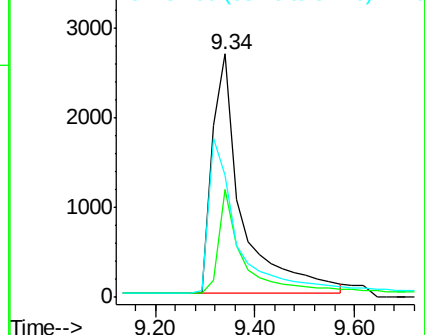
54 50.0 44.8 67.2



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092581.D

Acq: 1 Dec 2016 10:49

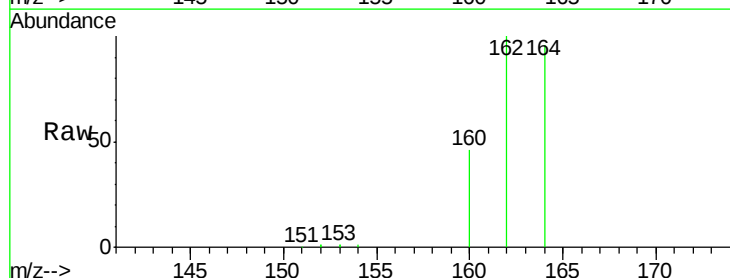
Tgt Ion: 164 Resp: 27825

Ion Ratio Lower Upper

164 100

162 103.9 71.4 107.0

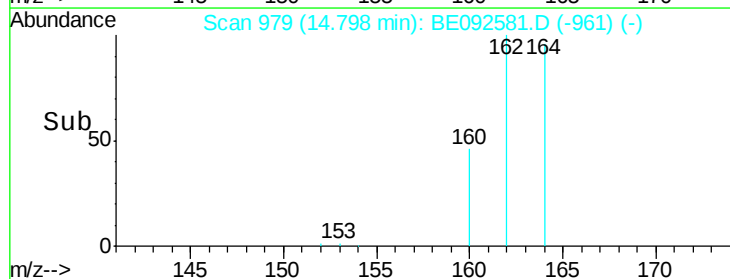
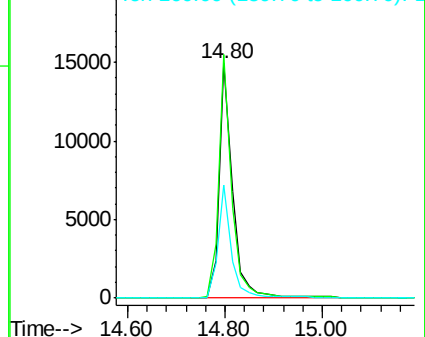
160 48.3 27.4 41.2#

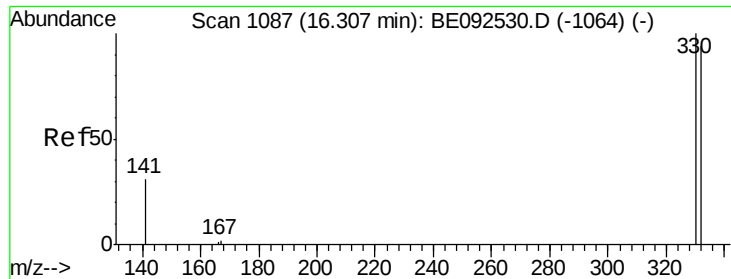


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

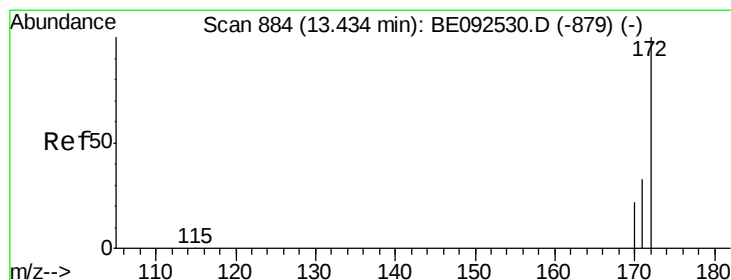
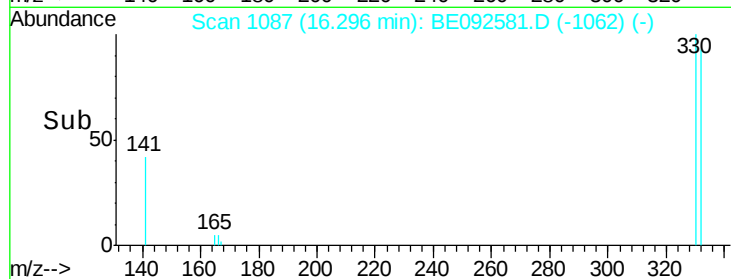
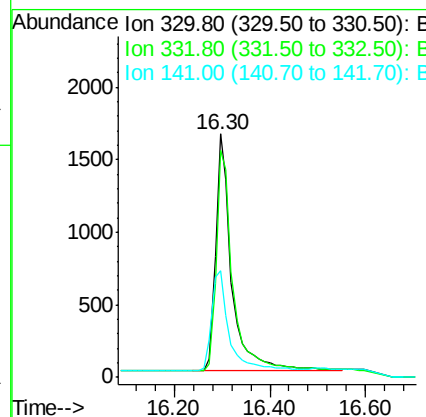
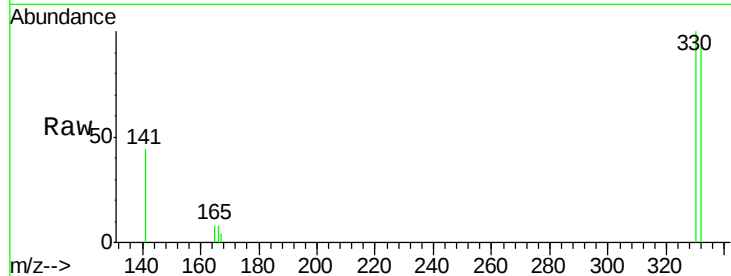




#13
 2,4,6-Tribromophenol
 Concen: 6.37 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092581.D
 Acq: 1 Dec 2016 10:49

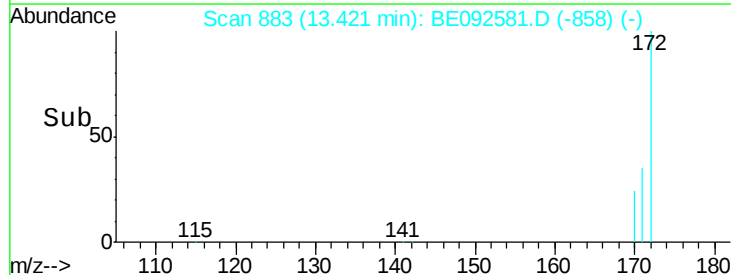
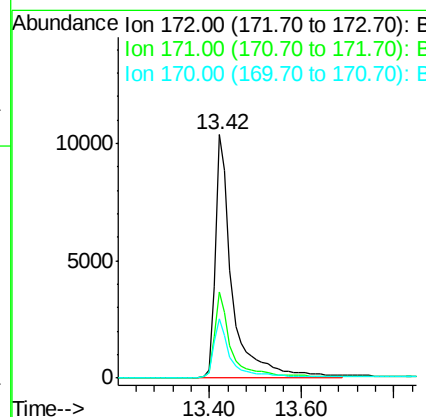
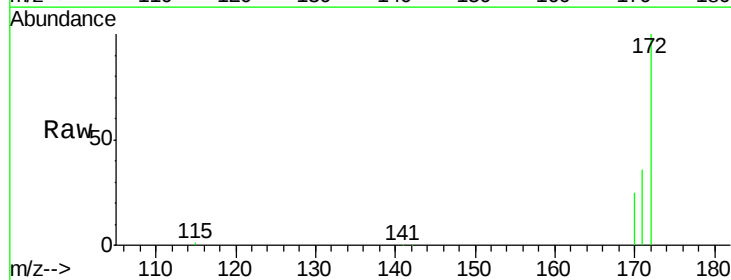
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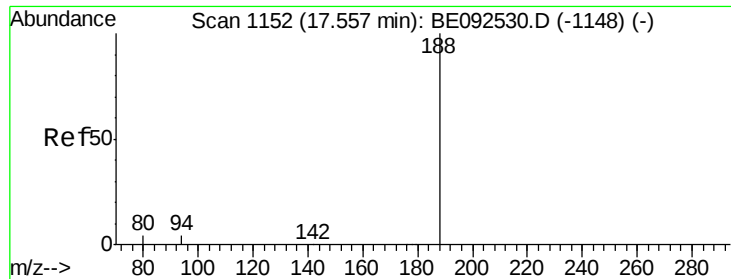
Tot Ion:330 Resp: 3976
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 44.6 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.88 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092581.D
 Acq: 1 Dec 2016 10:49

Tgt Ion:172 Resp: 26303
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.1 45.1
 170 24.6 21.8 32.6

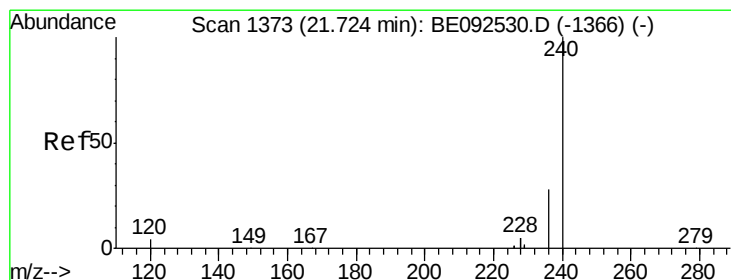
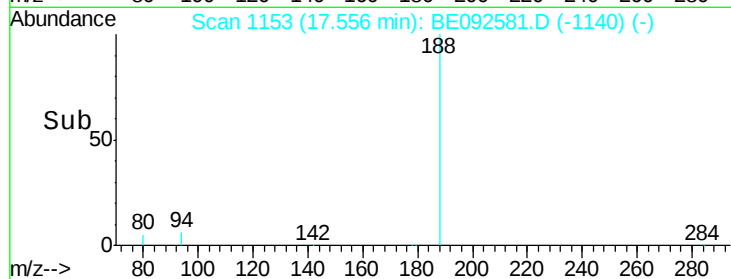
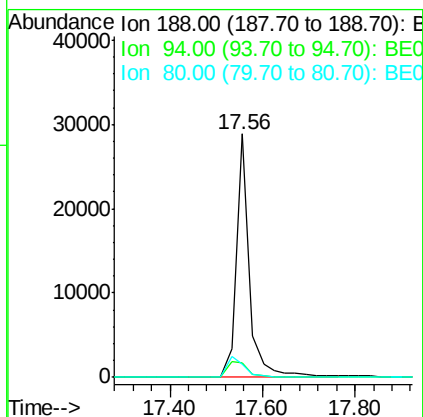
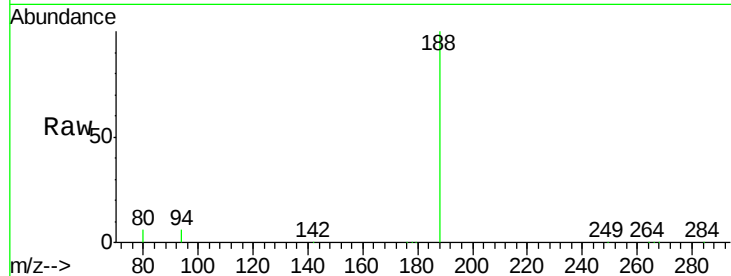




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092581.D
Acq: 1 Dec 2016 10:49

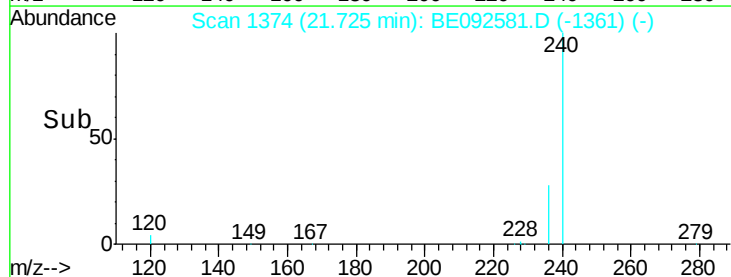
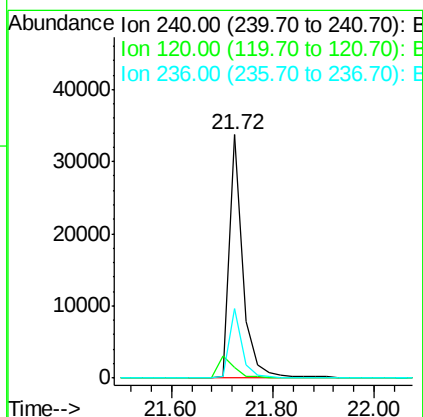
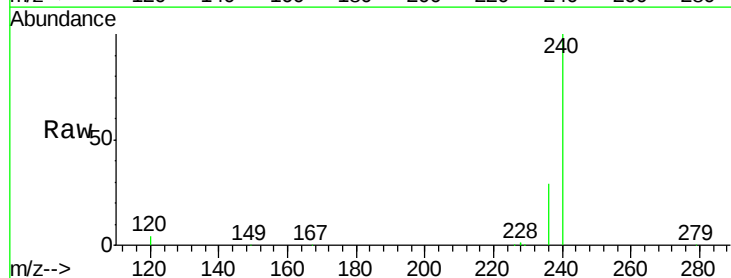
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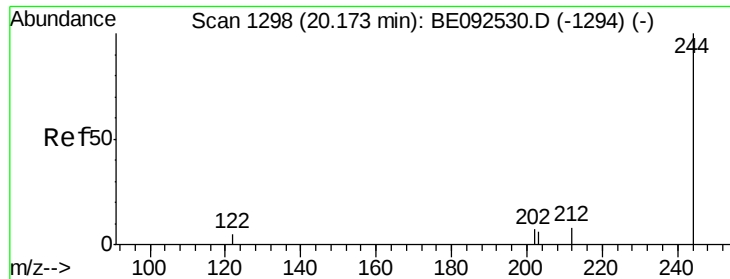
Tot Ion:188 Resp: 56776
Ion Ratio Lower Upper
188 100
94 5.9 3.2 4.8#
80 5.6 2.6 3.8#



#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092581.D
Acq: 1 Dec 2016 10:49

Tgt Ion:240 Resp: 61544
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 28.6 24.6 37.0

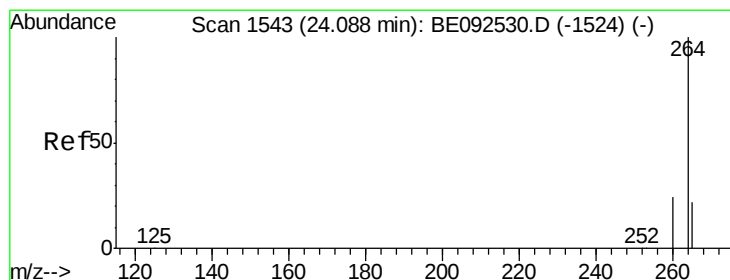
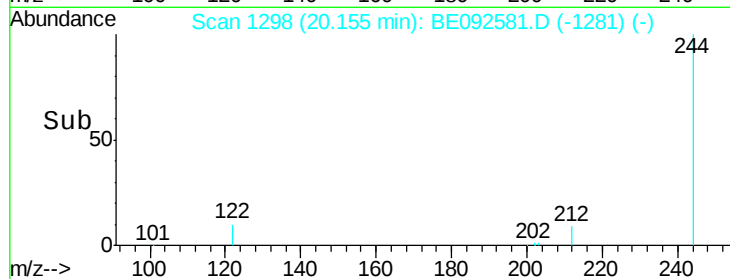
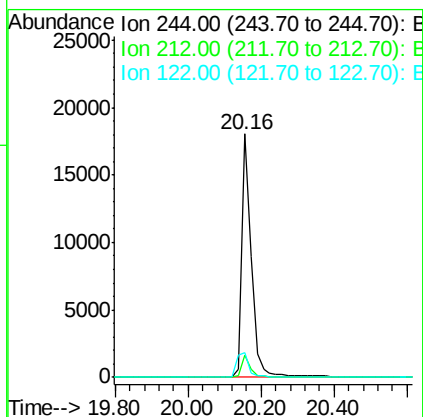
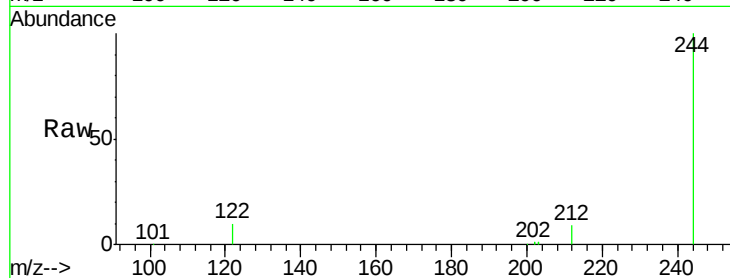




#26
 Terphenyl-d14
 Concen: 4.50 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092581.D
 Acq: 1 Dec 2016 10:49

Instrument :
 BNA_E
 ClientSampleID :
 PB94961BL

Tot Ion:244 Resp: 31630
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.7 10.1
 122 10.1 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: BE092581.D
 Acq: 1 Dec 2016 10:49

Tgt Ion:264 Resp: 57815
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.1 30.1
 265 21.3 17.9 26.9

