

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
 Data File : BE092158.D
 Acq On : 3 Aug 2016 23:15
 Operator : UM/SJ
 Sample : H4176-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-02

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Quant Time: Aug 04 13:40:45 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 16:59:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11187	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	50238	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	27418	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	62117	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	75596	5.00	ng	0.00
28) Perylene-d12	24.14	264	76270	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	189375	65.92	ng	0.00
5) Phenol-d6	7.34	99	170350	44.50	ng	-0.01
7) Nitrobenzene-d5	9.34	82	328252	82.81	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	131766	148.00	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	609104	70.10	ng	0.00
24) Terphenyl-d14	20.19	244	729535	67.20	ng	-0.02
Target Compounds						
20) Anthracene	17.70	178	4247	0.26	ng	Qvalue 99

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

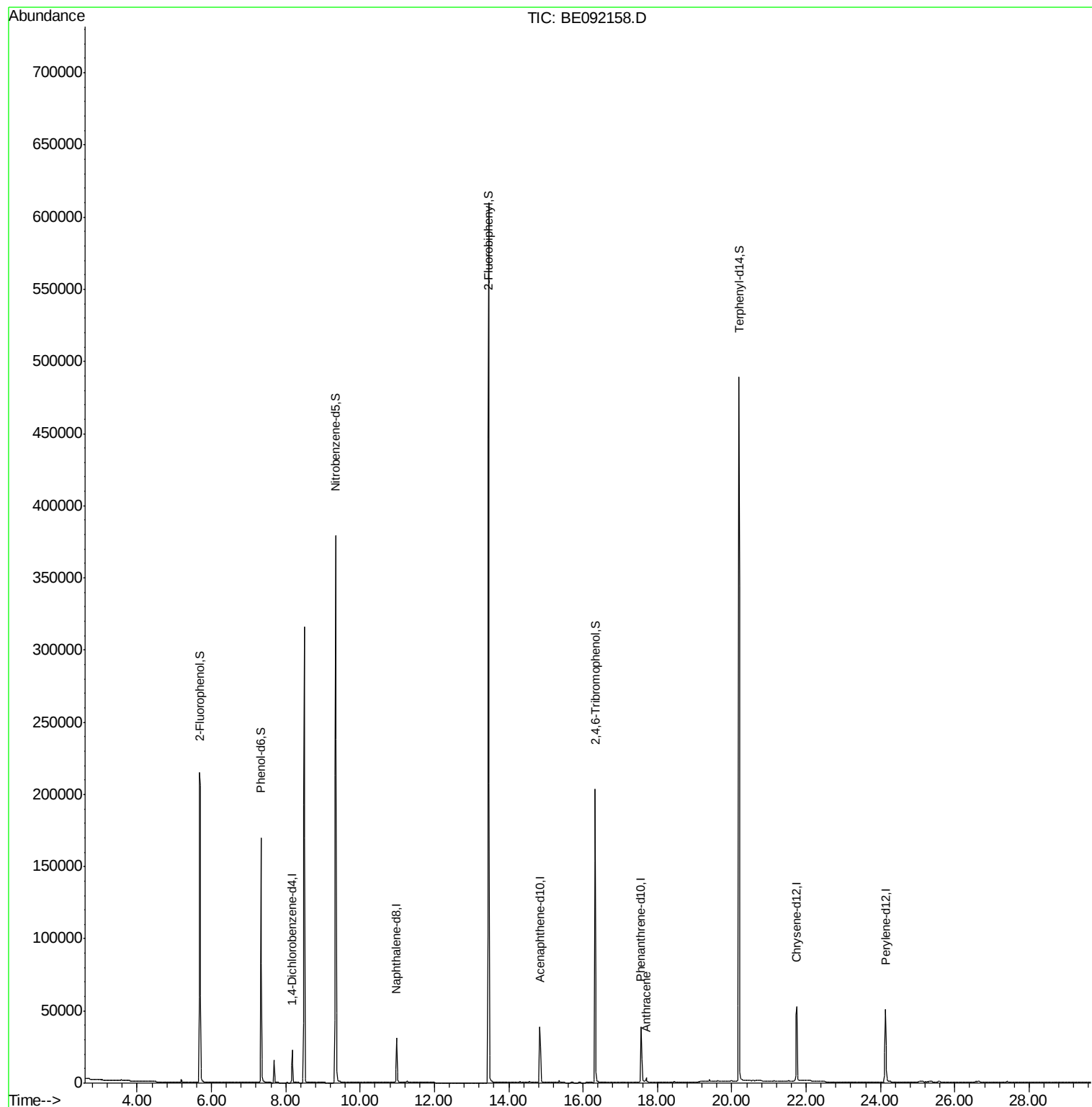
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
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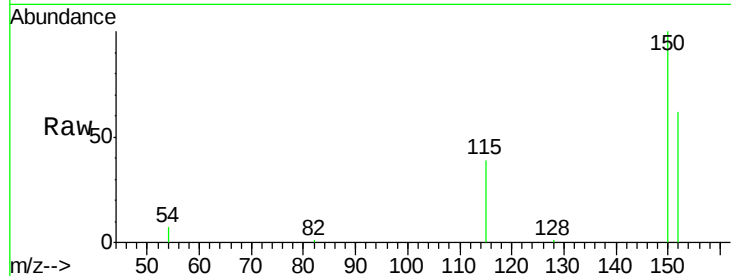
Quant Time: Aug 04 13:40:45 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.17 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BE092158.D
 Acq: 3 Aug 2016 23:15

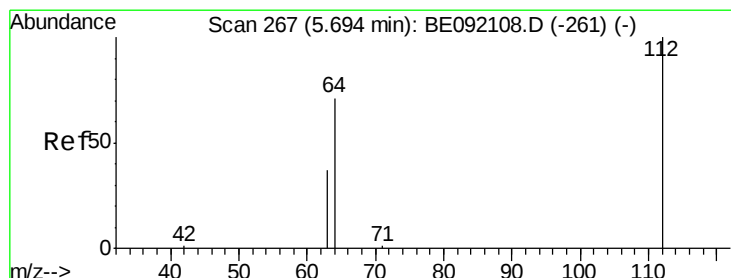
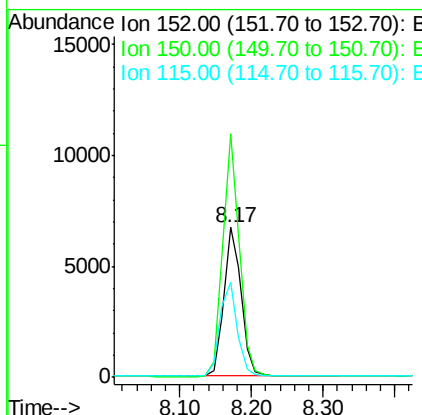
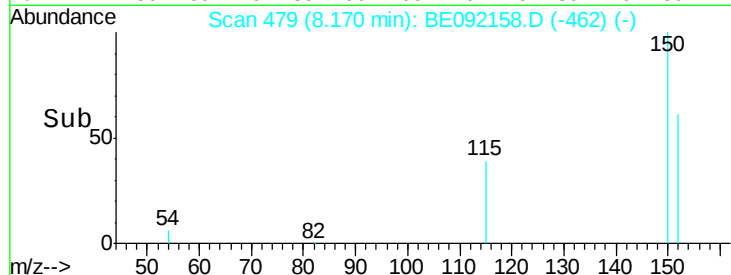
Instrument :
 BNA_E
 ClientSampled :
 DUP-02



Tgt Ion:152 Resp: 11187
 Ion Ratio Lower Upper
 152 100
 150 162.4 106.0 159.0#
 115 63.3 36.9 55.3#

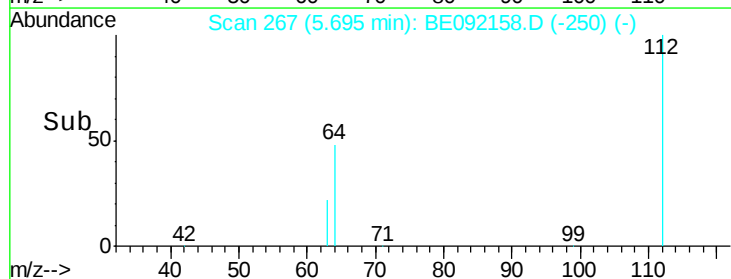
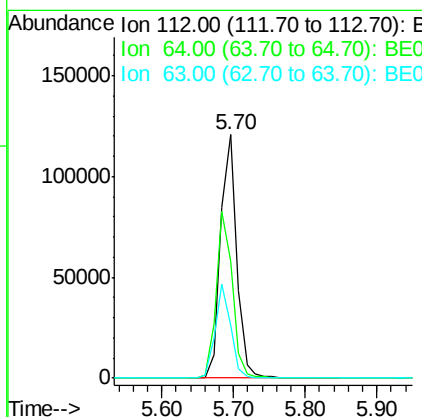
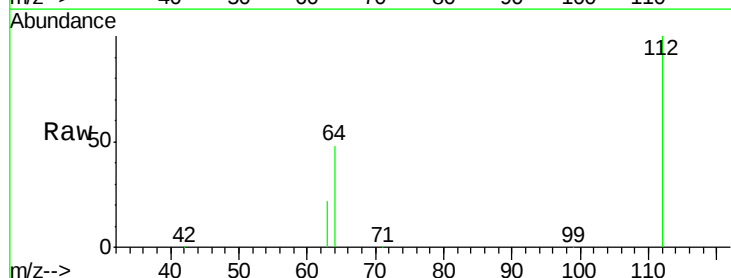
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#4
 2-Fluorophenol
 Concen: 65.92 ng
 RT: 5.70 min Scan# 267
 Delta R.T. 0.00 min
 Lab File: BE092158.D
 Acq: 3 Aug 2016 23:15

Tgt Ion:112 Resp: 189375
 Ion Ratio Lower Upper
 112 100
 64 68.2 55.9 83.9
 63 36.9 31.1 46.7





#5

Phenol-d6

Concen: 44.50 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092158.D

Acq: 3 Aug 2016 23:15

Instrument :

BNA_E

ClientSampled :

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Tgt Ion: 99 Resp: 170350

Ion Ratio Lower Upper

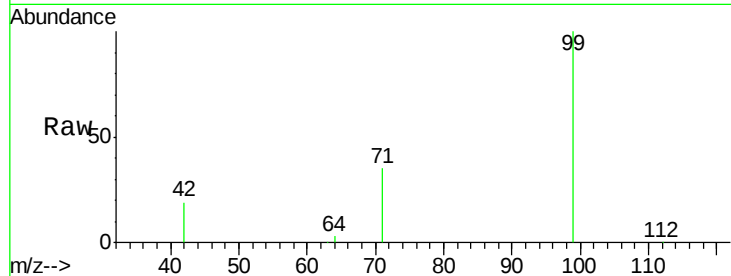
99 100

42 25.0 22.4 33.6

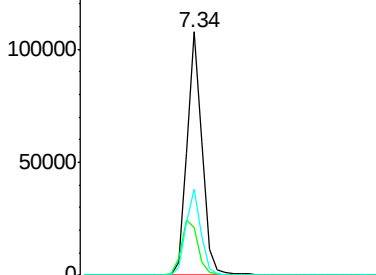
71 35.6 28.9 43.3

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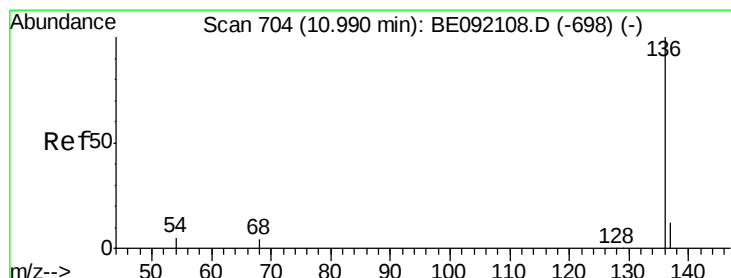
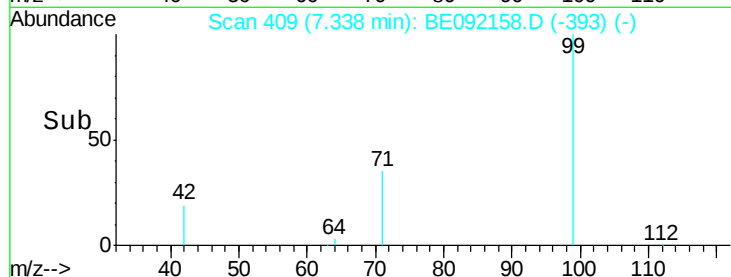
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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.20 7.30 7.40 7.50



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092158.D

Acq: 3 Aug 2016 23:15

Tgt Ion: 136 Resp: 50238

Ion Ratio Lower Upper

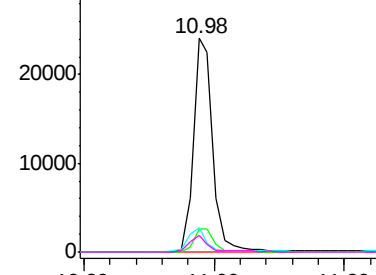
136 100

137 10.5 9.1 13.7

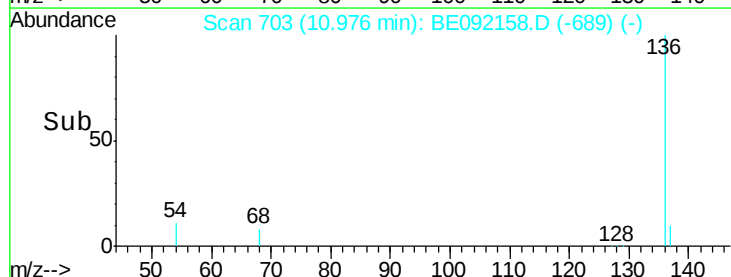
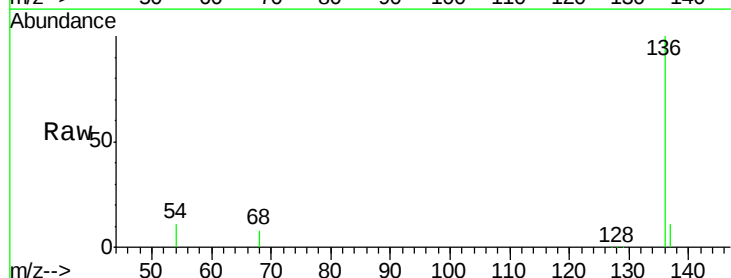
54 11.3 2.7 4.1#

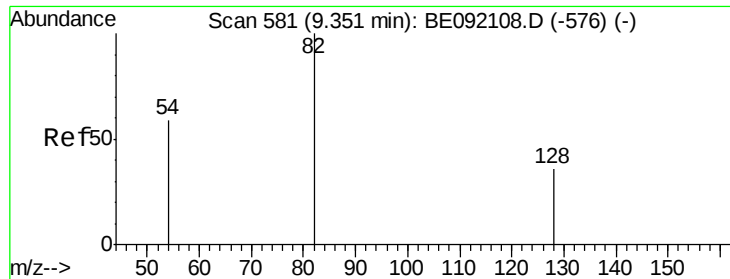
68 7.8 2.2 3.4#

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--> 10.80 11.00 11.20





#7

Nitrobenzene-d5

Concen: 82.81 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092158.D

Acq: 3 Aug 2016 23:15

Instrument :

BNA_E

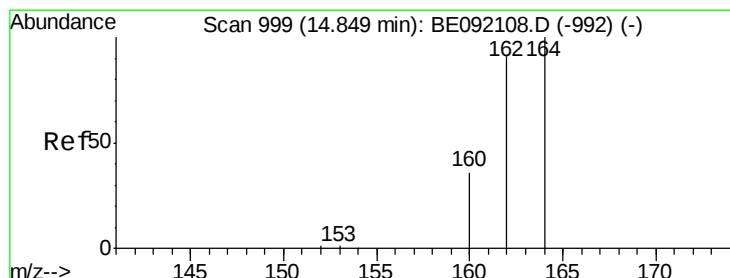
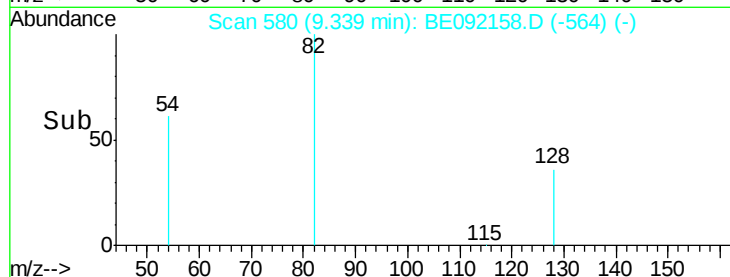
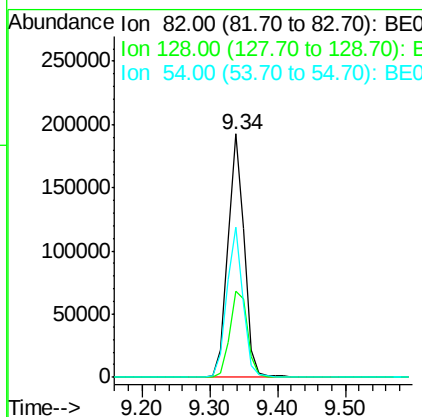
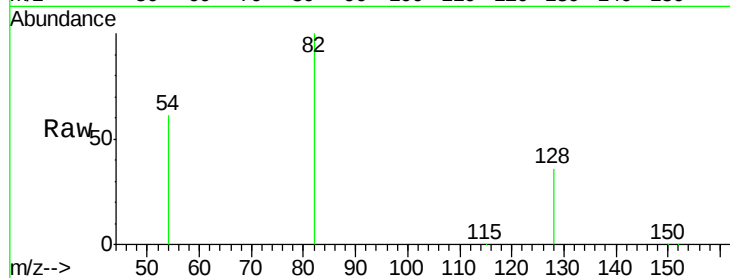
ClientSampled :

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Tgt Ion:	82	Resp:	328252
Ion Ratio	Lower	Upper	
82	100		
128	35.5	33.0	49.4
54	61.4	42.6	63.8

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#10

Acenaphthene-d10

Concen: 5.00 ng

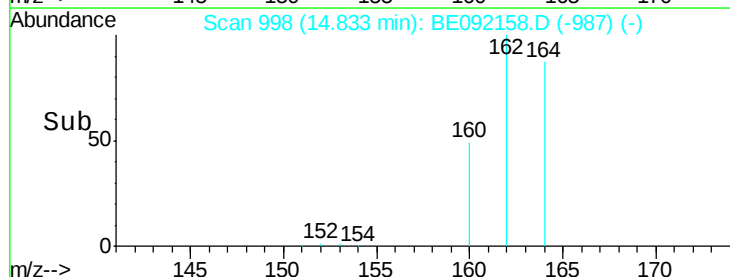
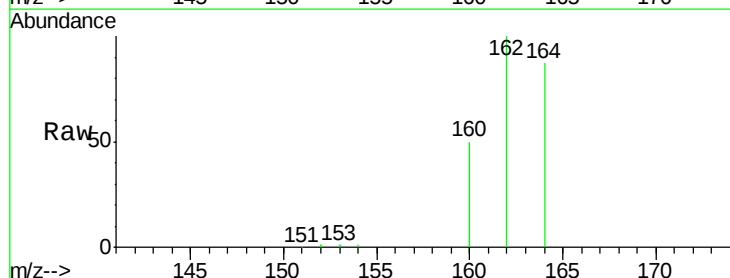
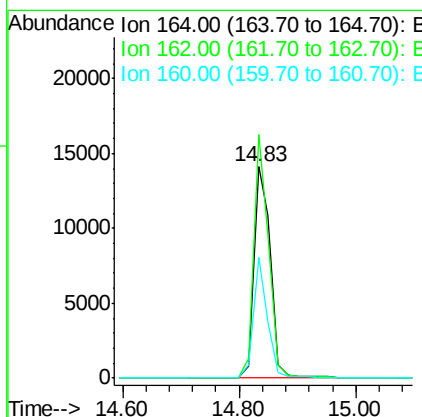
RT: 14.83 min Scan# 998

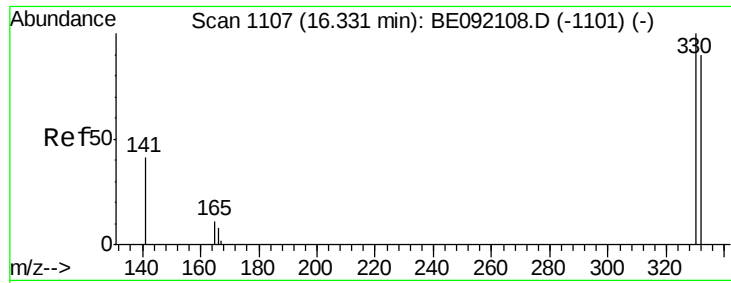
Delta R.T. -0.02 min

Lab File: BE092158.D

Acq: 3 Aug 2016 23:15

Tgt Ion:	164	Resp:	27418
Ion Ratio	Lower	Upper	
164	100		
162	115.3	69.5	104.3#
160	57.2	27.6	41.4#





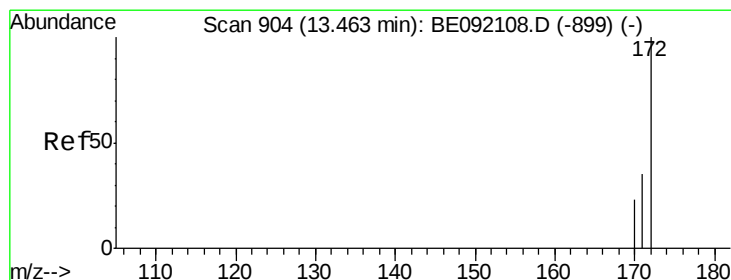
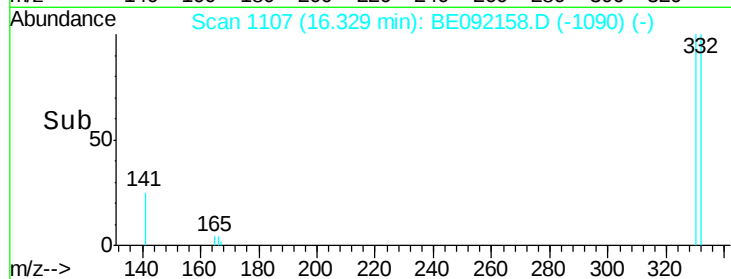
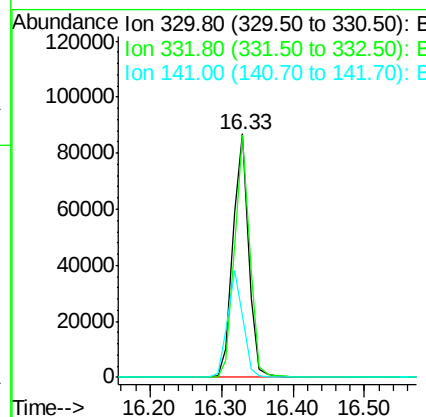
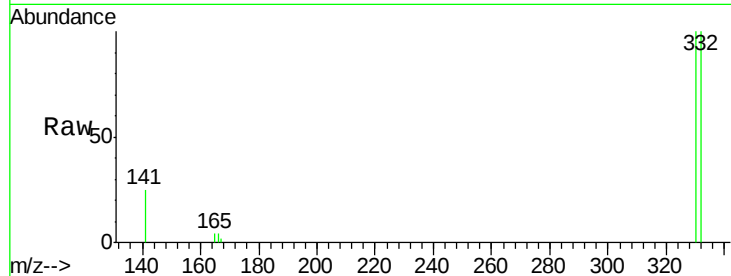
#11
 2,4,6-Tribromophenol
 Concen: 148.00 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BE092158.D
 Acq: 3 Aug 2016 23:15

Instrument :
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 ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	74.2	111.4	
141	43.1	139.8	209.8	

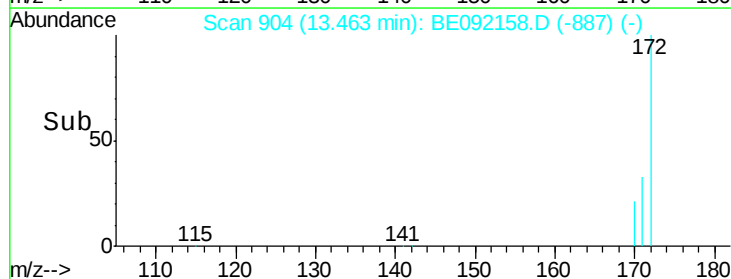
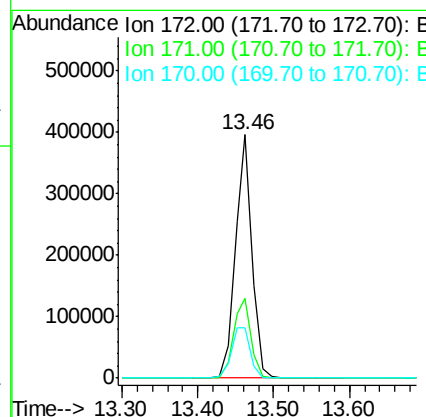
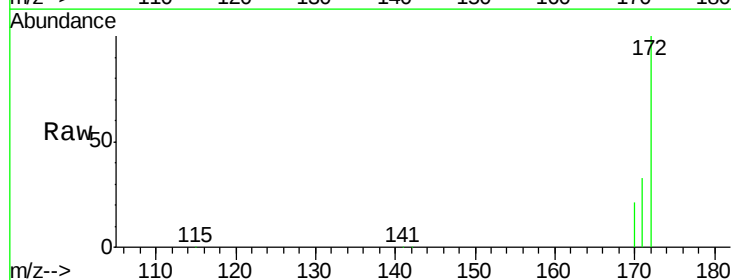
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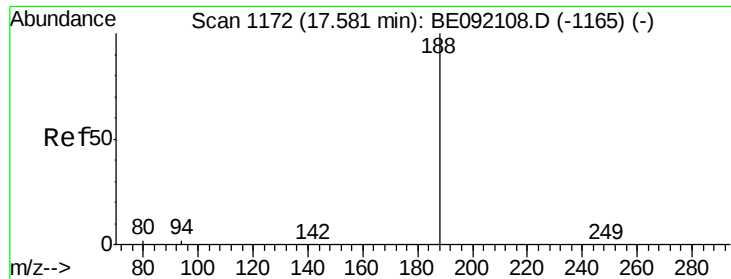
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#12
 2-Fluorobiphenyl
 Concen: 70.10 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092158.D
 Acq: 3 Aug 2016 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	32.9	30.3	45.5	
170	20.6	21.6	32.4	





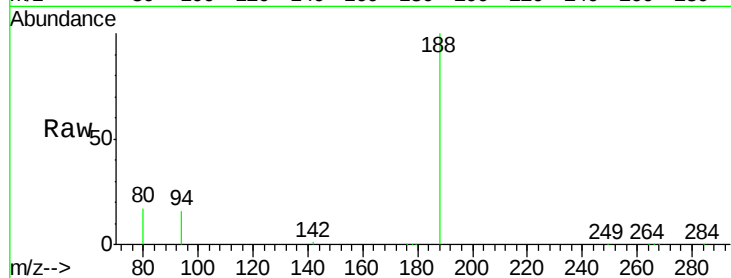
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092158.D
Acq: 3 Aug 2016 23:15

Instrument :
BNA_E
ClientSampleId :
DUP-02

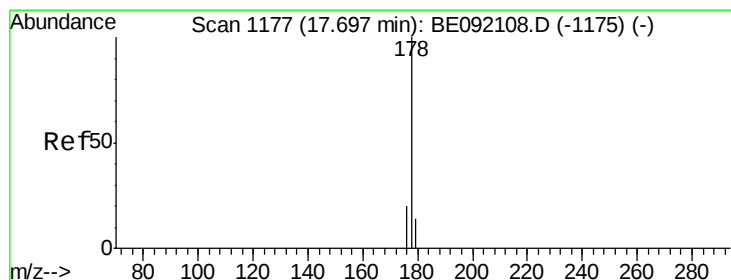
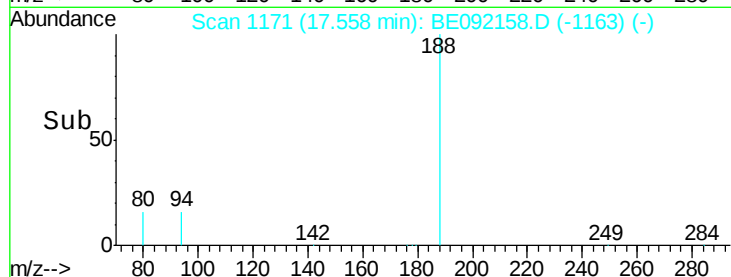
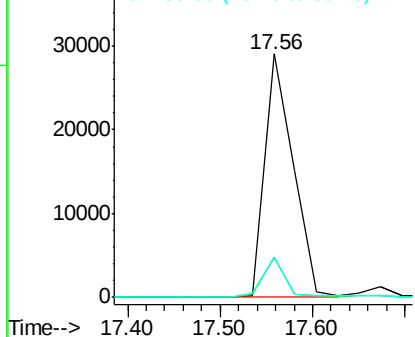
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	16.3	3.9	5.9#
80	16.5	3.4	5.0#

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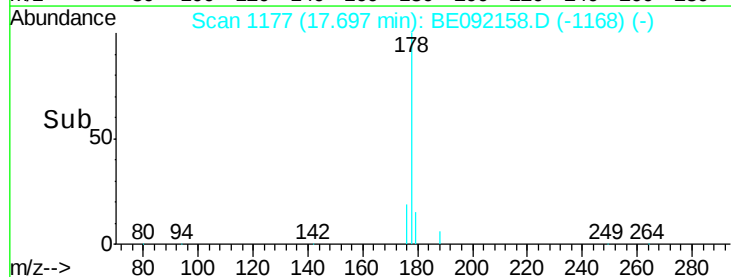
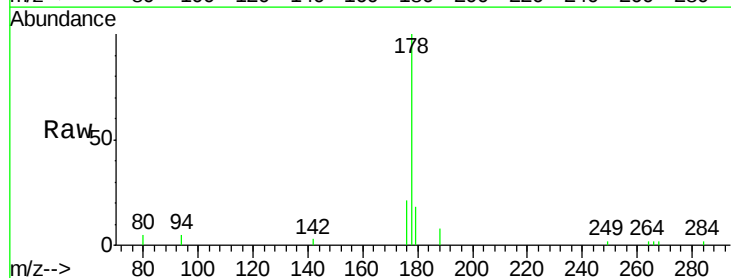
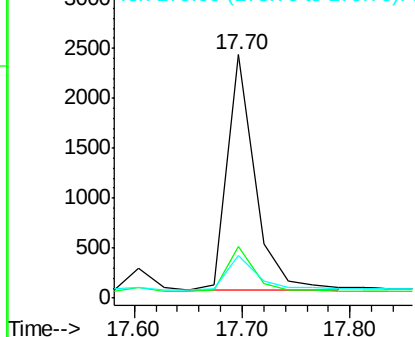
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE
Ion 80.00 (79.70 to 80.70): BE

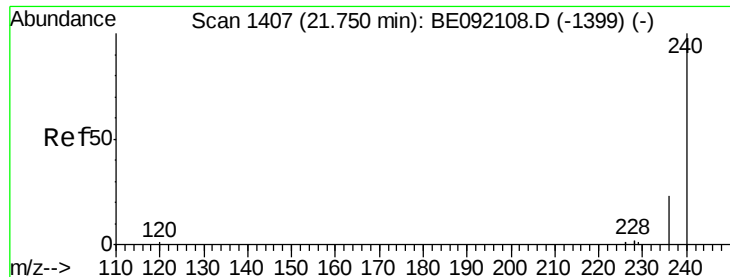


#20
Anthracene
Concen: 0.26 ng
RT: 17.70 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BE092158.D
Acq: 3 Aug 2016 23:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	15.2	22.8
179	15.8	12.2	18.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





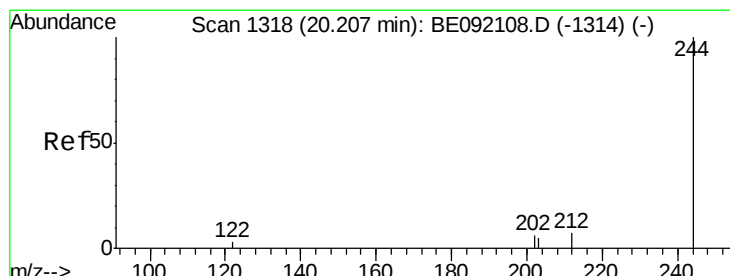
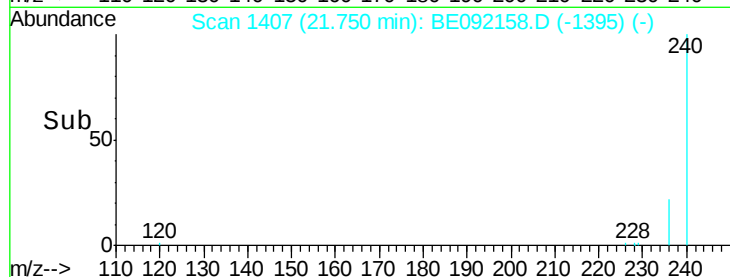
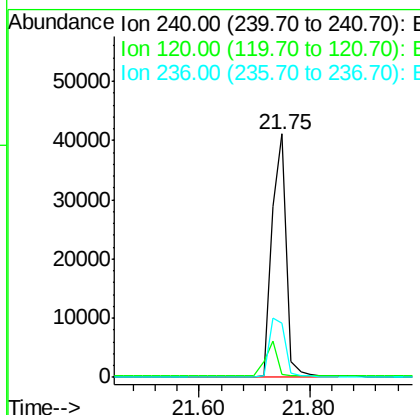
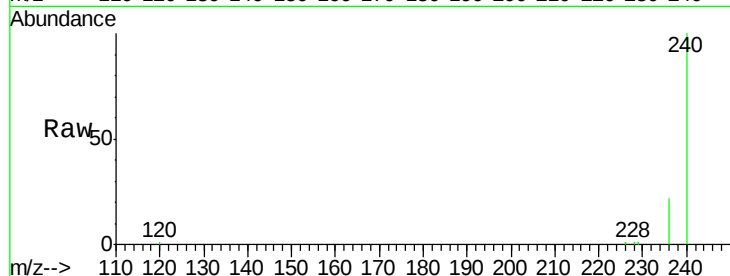
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BE092158.D
Acq: 3 Aug 2016 23:15

Instrument :
BNA_E
ClientSampled :
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Tgt Ion:240 Resp: 75596
Ion Ratio Lower Upper
240 100
120 1.5 0.6 1.0#
236 22.3 18.2 27.4

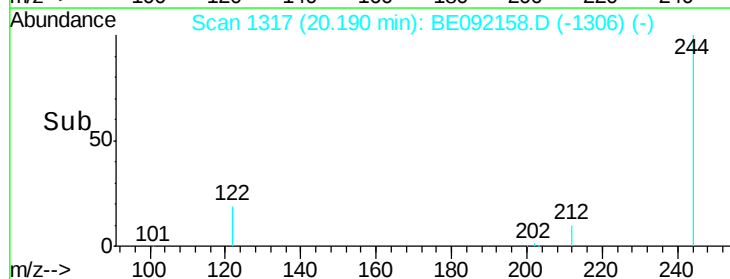
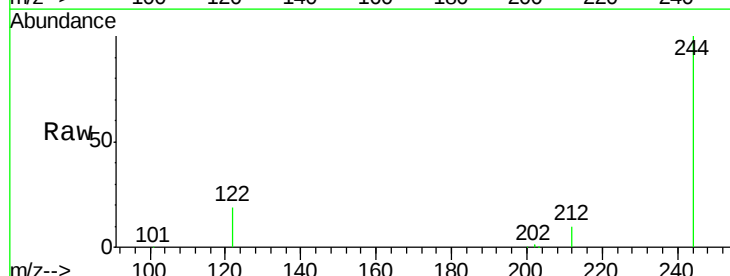
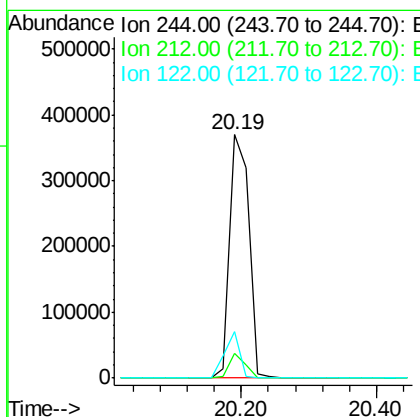
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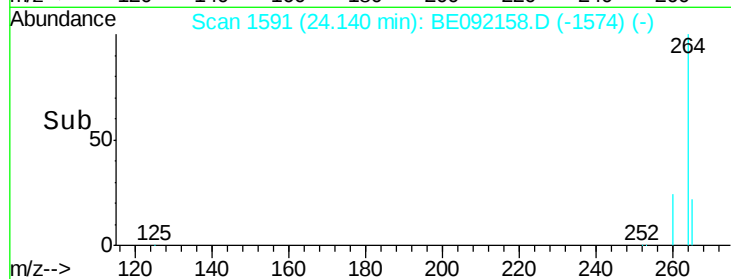
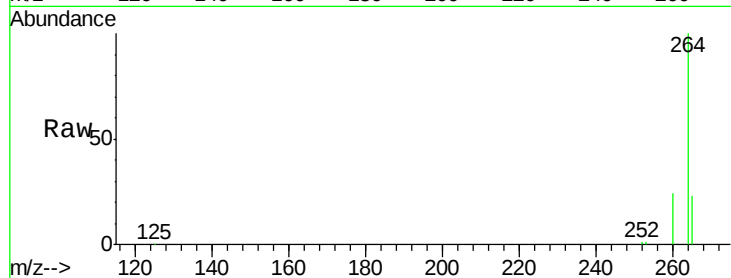
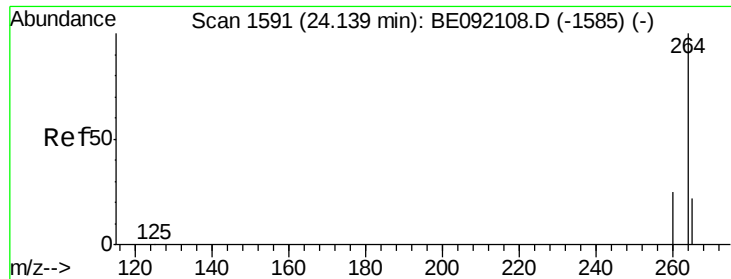
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#24
Terphenyl-d14
Concen: 67.20 ng
RT: 20.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BE092158.D
Acq: 3 Aug 2016 23:15

Tgt Ion:244 Resp: 729535
Ion Ratio Lower Upper
244 100
212 10.1 9.1 13.7
122 18.9 11.0 16.4#





#28
Perylene-d12
Concen: 5.00 ng
RT: 24.14 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BE092158.D
Acq: 3 Aug 2016 23:15

Instrument :
BNA_E
ClientSampleId :
DUP-02

Tgt Ion:	264	Resp:	76270
Ion Ratio	Lower	Upper	
264	100		
260	24.1	20.8	31.2
265	22.7	16.6	25.0

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