

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051816\
 Data File : BE091794.D
 Acq On : 18 May 2016 18:30
 Operator : UM/SJ
 Sample : H3065-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW039-160511

Manual Integrations
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Quant Time: May 19 16:56:12 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	32228	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	166574	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	109901	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	314389	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	300662	5.00	ng	-0.02
35) Perylene-d12	23.71	264	319994	5.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	16347	2.06	ng	0.00
5) Phenol-d6	6.95	99	14374	1.37	ng	0.00
8) Nitrobenzene-d5	8.93	82	34059	3.17	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	30434	7.45	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	99926	3.21	ng	-0.01
29) Terphenyl-d14	19.74	244	224579	4.79	ng	-0.02

Target Compounds Qvalue

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

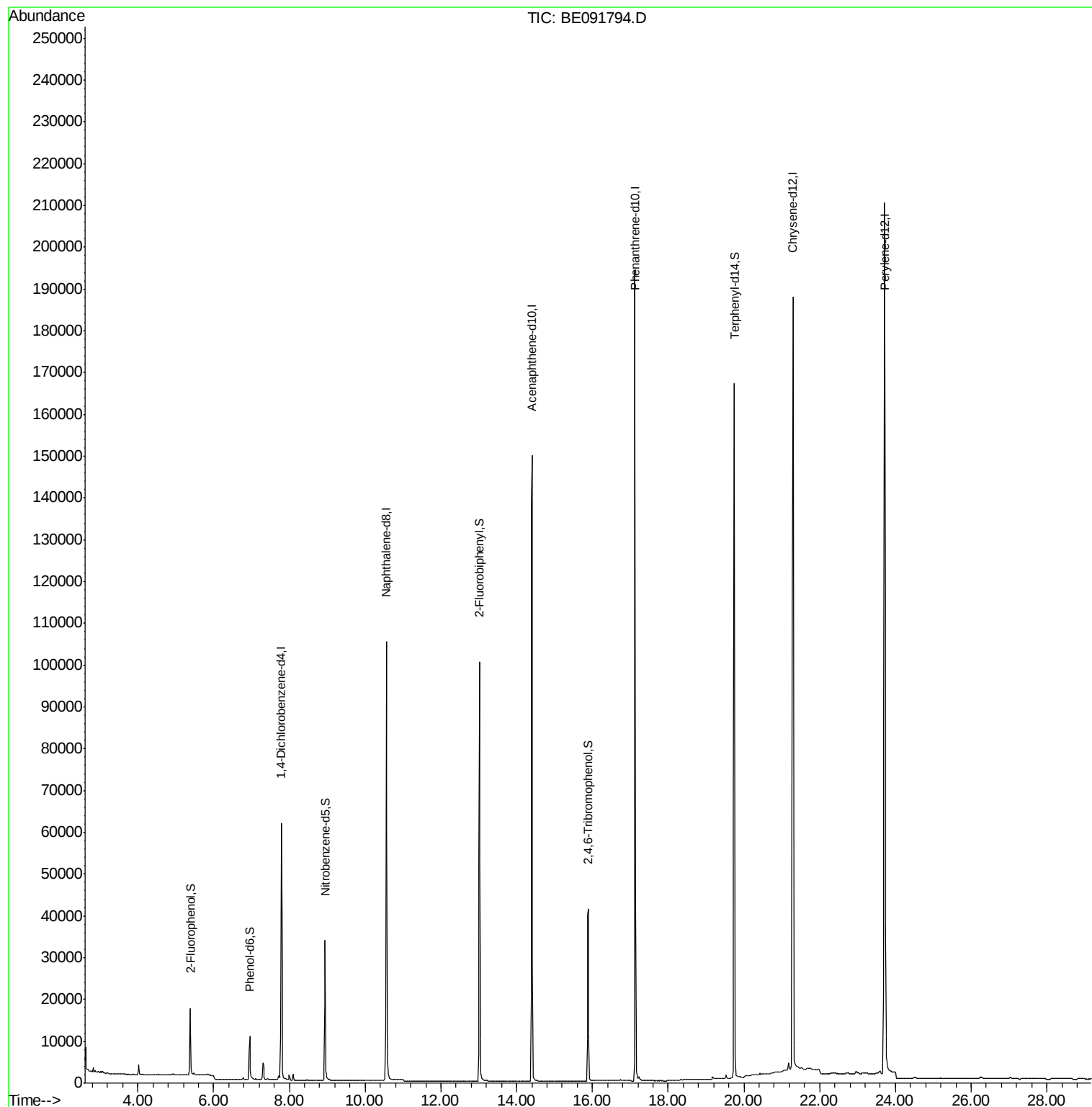
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051816\
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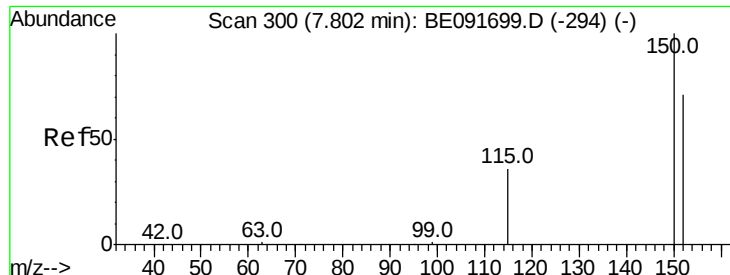
Instrument :
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091794.D

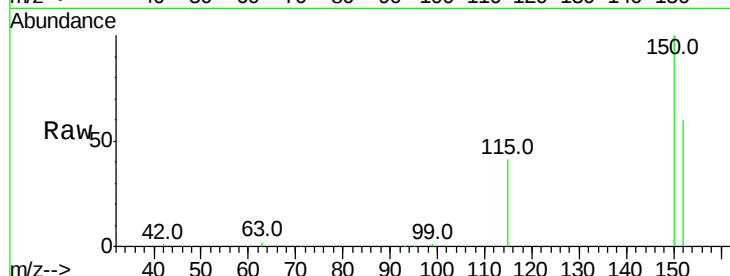
Acq: 18 May 2016 18:30

Instrument :

BNA_E

ClientSampleId :

SS043MW039-160511



Tot Ion:152 Resp: 32228

Ion Ratio Lower Upper

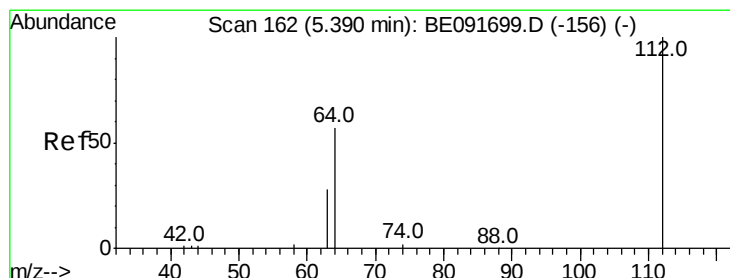
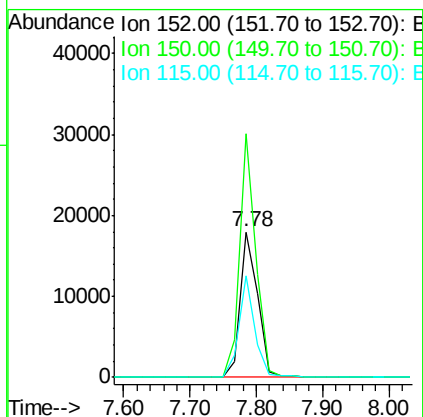
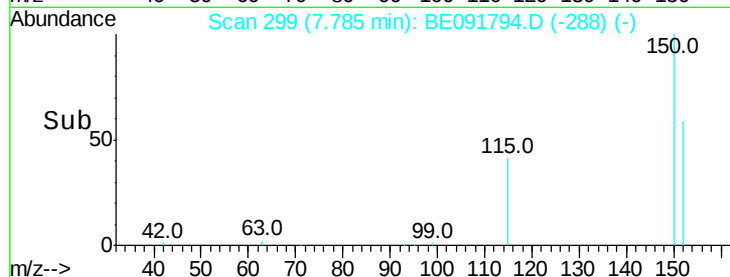
152 100

150 167.8 122.6 183.8

115 69.6 52.8 79.2

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#4

2-Fluorophenol

Concen: 2.06 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091794.D

Acq: 18 May 2016 18:30

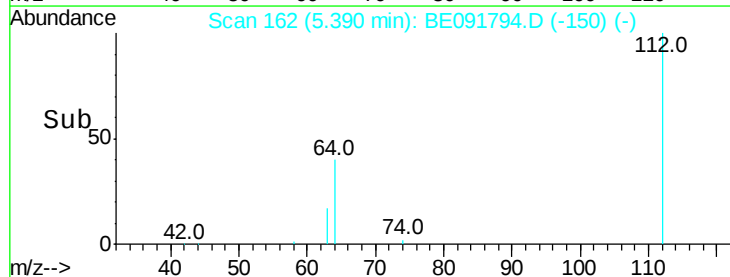
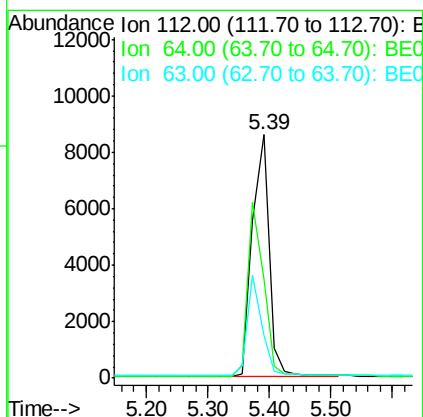
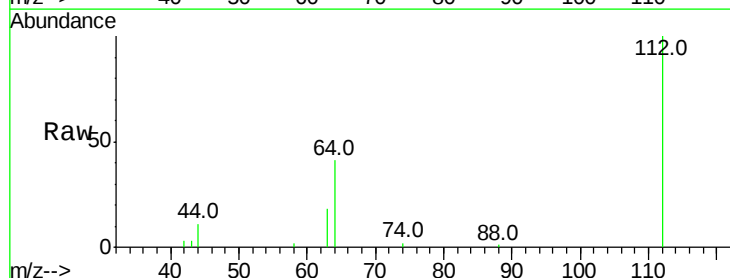
Tgt Ion:112 Resp: 16347

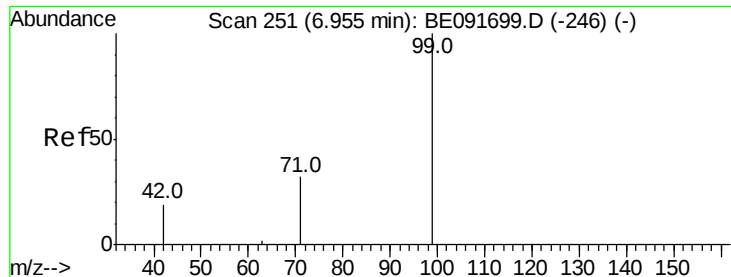
Ion Ratio Lower Upper

112 100

64 67.4 30.9 46.3#

63 35.9 16.7 25.1#





#5

Phenol-d6

Concen: 1.37 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091794.D

Acq: 18 May 2016 18:30

Instrument :

BNA_E

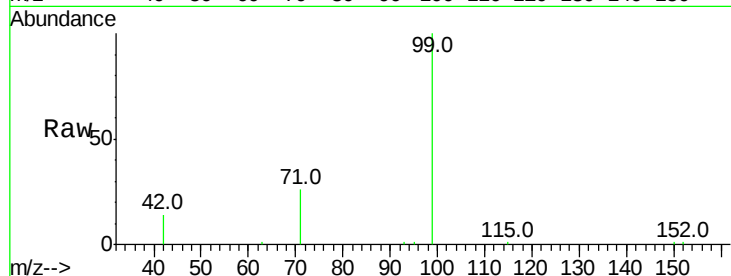
ClientSampleId :

SS043MW039-160511

Tot Ion:	99	Resp:	14374
Ion Ratio	Lower	Upper	
99	100		
42	23.3	16.2	24.2
71	35.7	29.0	43.4

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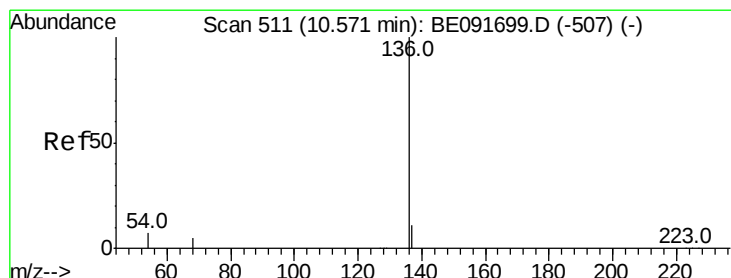
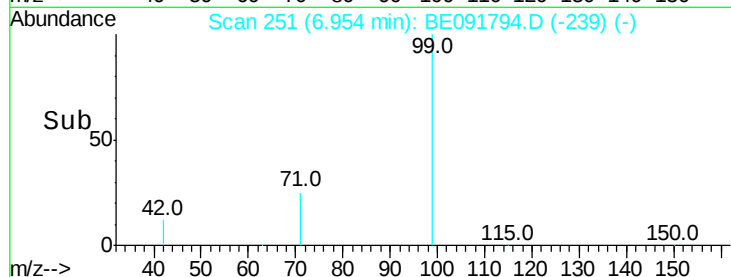
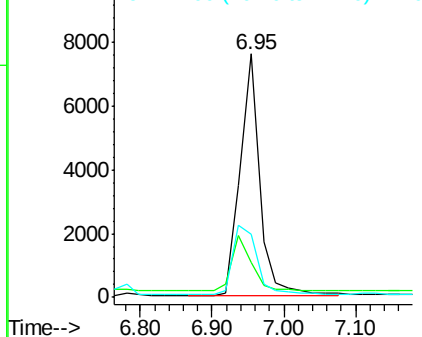


Abundance

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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091794.D

Acq: 18 May 2016 18:30

Tgt Ion:	136	Resp:	166574
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.9	13.3
54	11.4	8.2	12.4
68	8.1	6.2	9.4

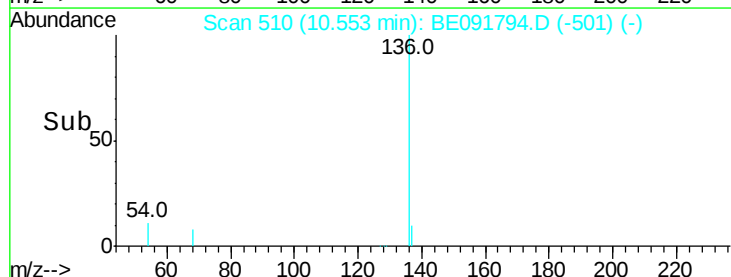
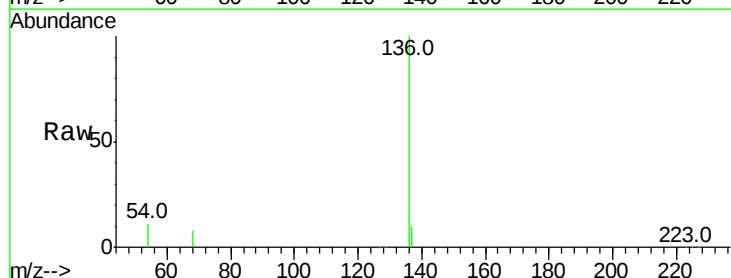
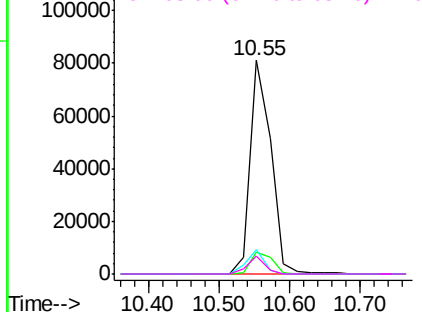
Abundance

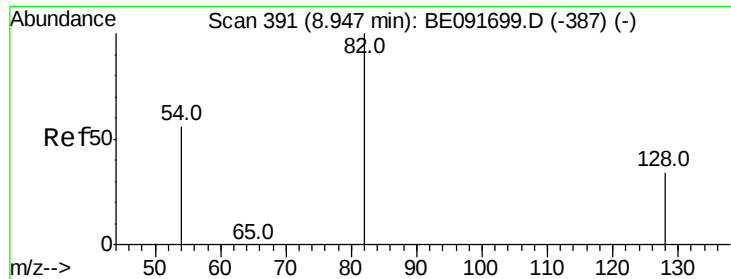
Ion 136.00 (135.70 to 136.70): E

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





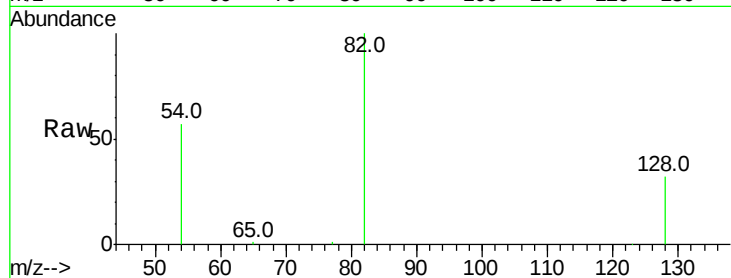
#8
 Nitrobenzene-d5
 Concen: 3.17 ng
 RT: 8.93 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BE091794.D
 Acq: 18 May 2016 18:30

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW039-160511

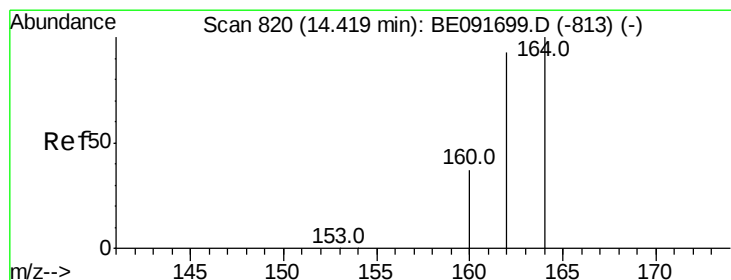
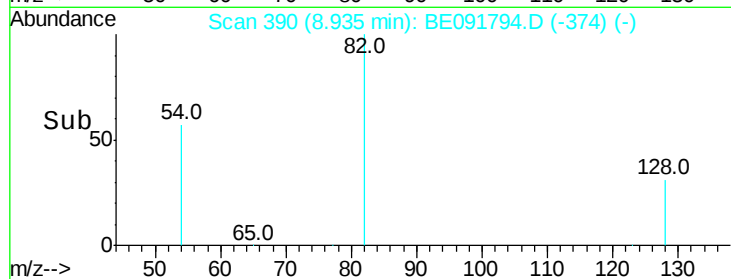
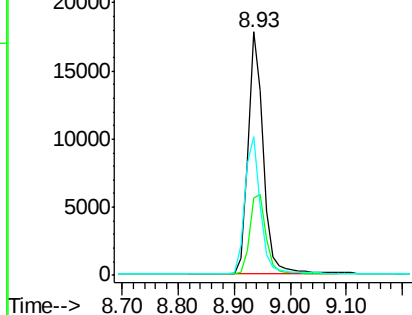
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.6	25.4	38.0
54	57.1	48.4	72.6

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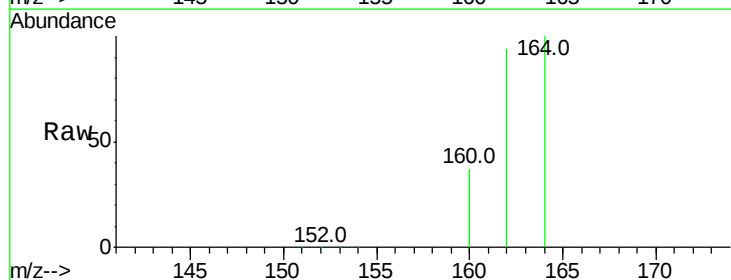


Abundance Ion 82.00 (81.70 to 82.70): BE091699.D (-387) (-)
 Ion 128.00 (127.70 to 128.70): BE091699.D (-387) (-)
 Ion 54.00 (53.70 to 54.70): BE091699.D (-387) (-)

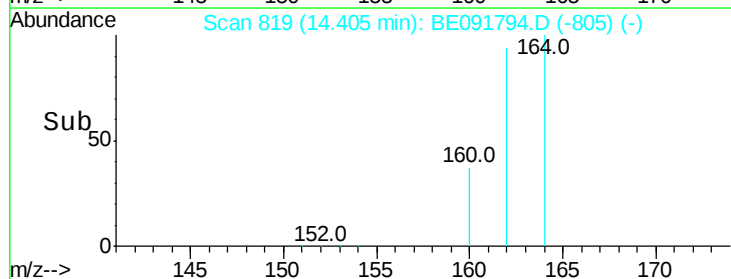
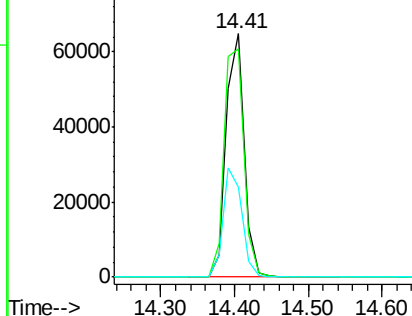


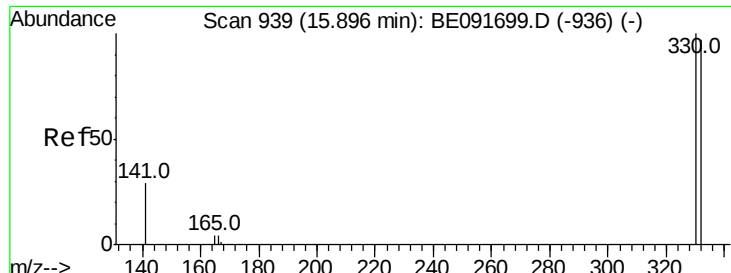
#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.41 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE091794.D
 Acq: 18 May 2016 18:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.0	85.3	127.9
160	37.0	46.2	69.2



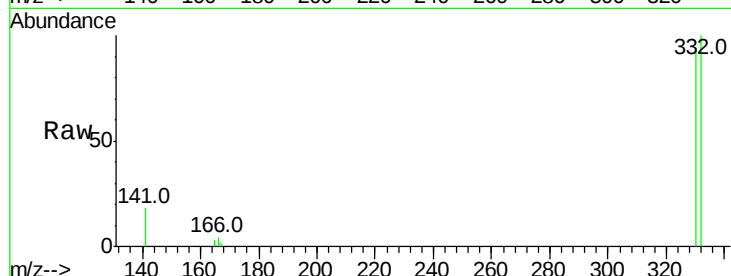
Abundance Ion 164.00 (163.70 to 164.70): BE091699.D (-813) (-)
 Ion 162.00 (161.70 to 162.70): BE091699.D (-813) (-)
 Ion 160.00 (159.70 to 160.70): BE091699.D (-813) (-)





#14
 2,4,6-Tribromophenol
 Concen: 7.45 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091794.D
 Acq: 18 May 2016 18:30

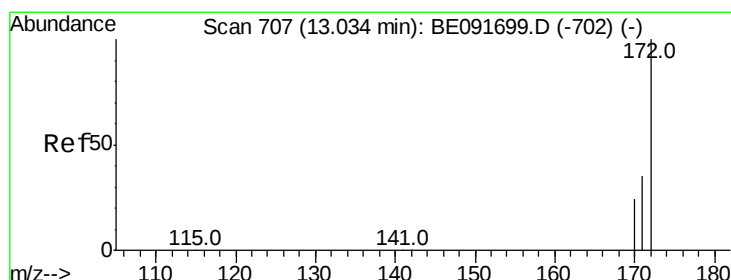
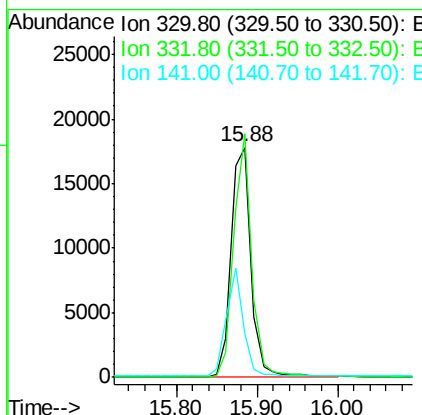
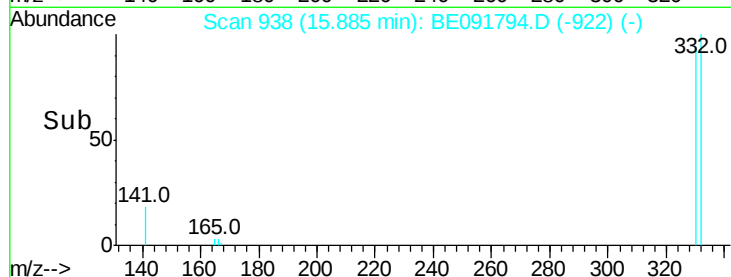
Instrument :
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 SS043MW039-160511



Tot Ion:330 Resp: 30434
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.1 118.7
 141 40.4 125.4 188.0#

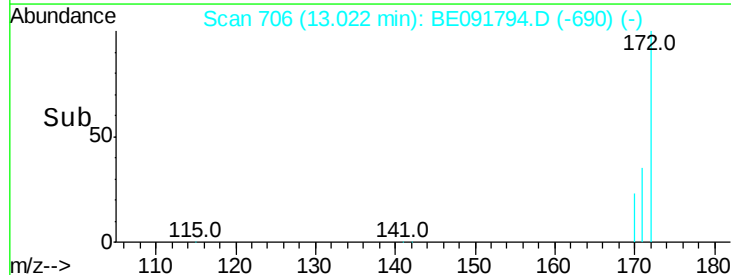
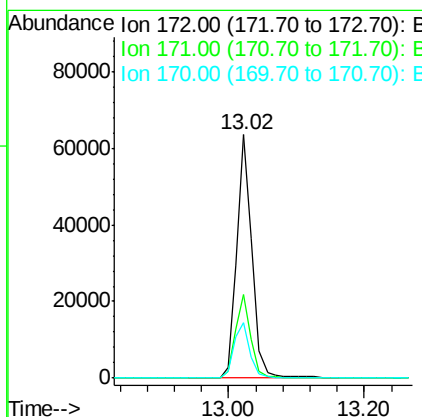
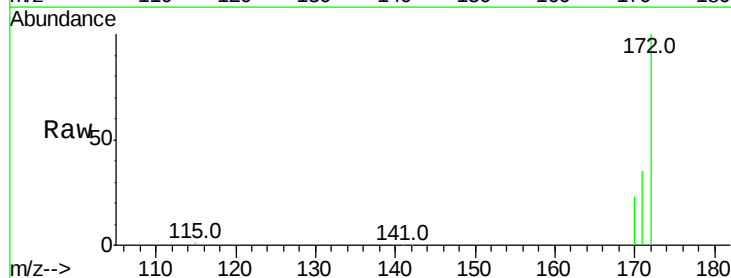
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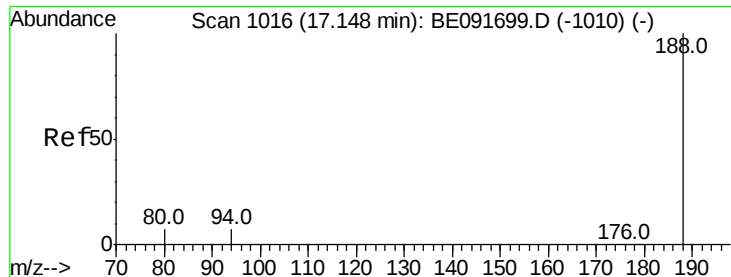
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#15
 2-Fluorobiphenyl
 Concen: 3.21 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091794.D
 Acq: 18 May 2016 18:30

Tgt Ion:172 Resp: 99926
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.8 43.2
 170 23.0 19.3 28.9





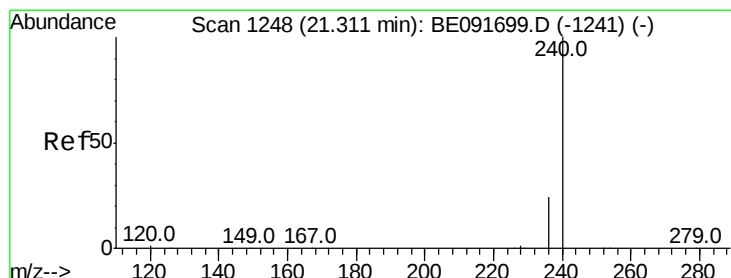
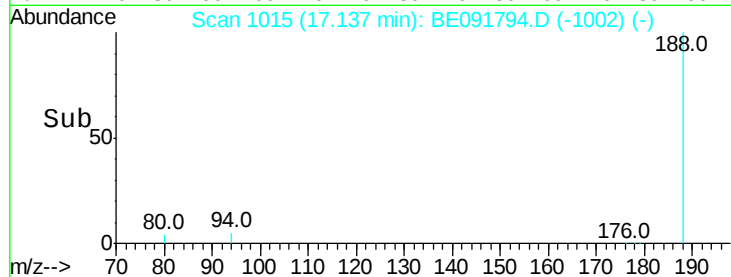
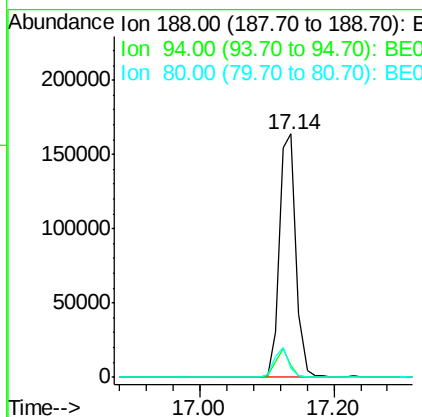
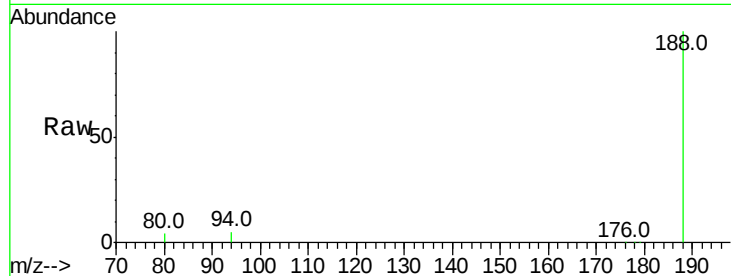
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091794.D
Acq: 18 May 2016 18:30

Instrument :
BNA_E
ClientSampleId :
SS043MW039-160511

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.9	8.7	13.1#
80	4.1	9.4	14.0#

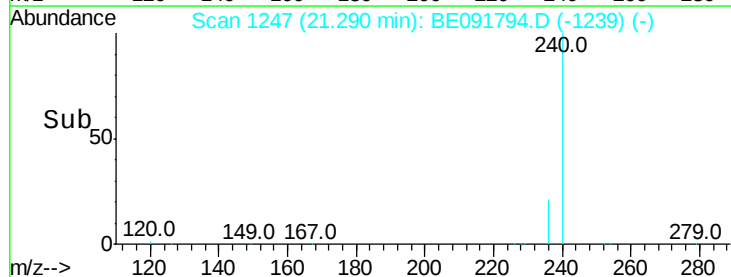
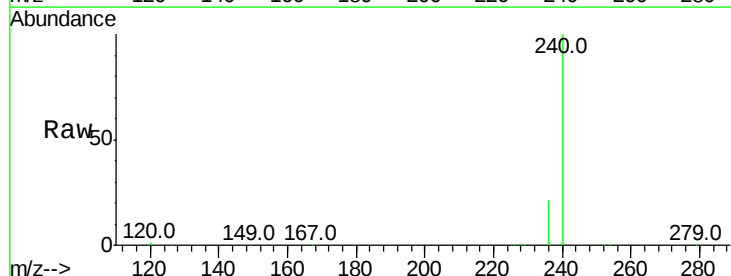
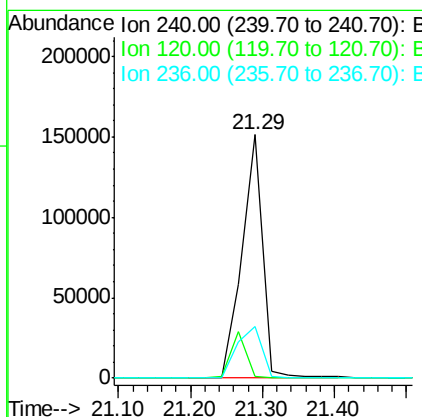
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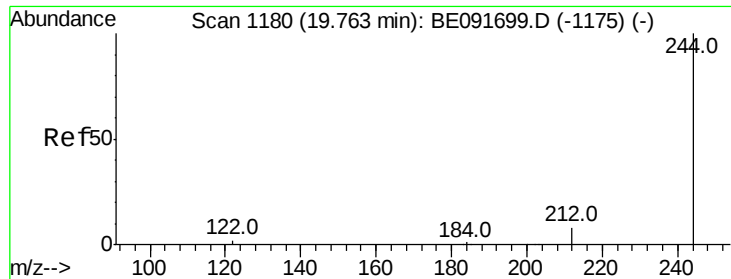
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#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091794.D
Acq: 18 May 2016 18:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	21.4	21.7	32.5#





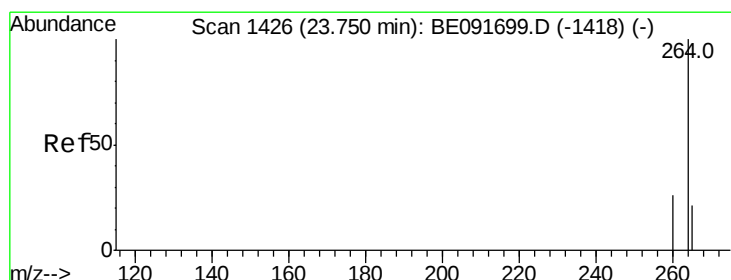
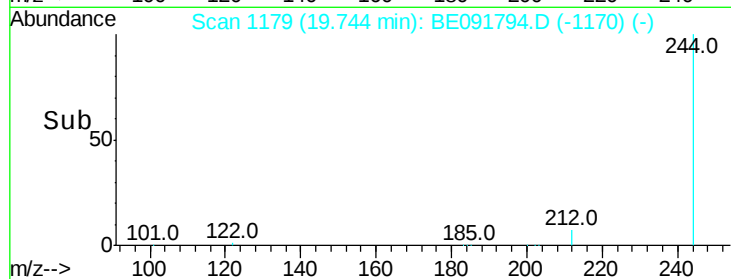
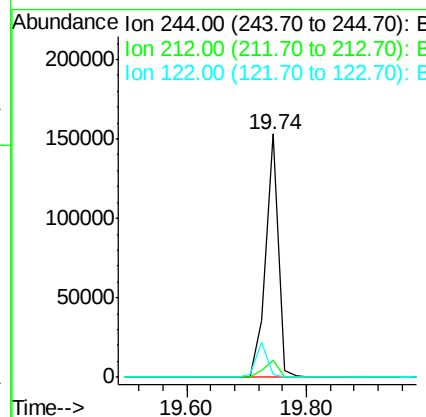
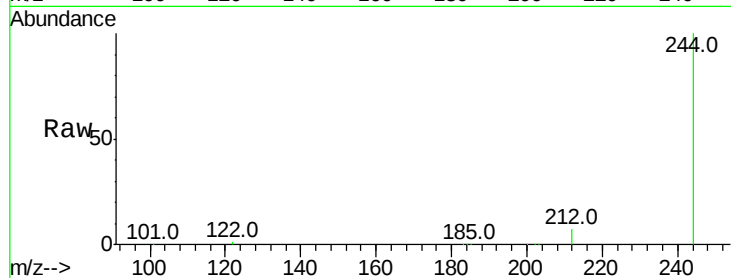
#29
 Terphenyl-d14
 Concen: 4.79 ng
 RT: 19.74 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091794.D
 Acq: 18 May 2016 18:30

Instrument :
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Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.9	10.3
122	1.0	11.0	16.4

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#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.71 min Scan# 1423
 Delta R.T. -0.04 min
 Lab File: BE091794.D
 Acq: 18 May 2016 18:30

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	20.0	30.0
265	22.3	17.5	26.3

