

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
 Data File : BE092137.D
 Acq On : 3 Aug 2016 7:30
 Operator : UM/SJ
 Sample : H4205-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-41-7.8-15.0

Manual Integrations
 APPROVED

Sohil
 8/3/2016 8:39:14 AM

Quant Time: Aug 03 11:57:42 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	8.18	152	12622	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	54134	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	27563	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	56791	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	58670	5.00	ng	0.00
28) Perylene-d12	24.14	264	58157	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	19456	6.00	ng	0.00
5) Phenol-d6	7.34	99	17360	4.02	ng	-0.01
7) Nitrobenzene-d5	9.34	82	30153	7.06	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	12343	13.79	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	62980	7.21	ng	0.00
24) Terphenyl-d14	20.19	244	74506	8.84	ng	-0.02

Target Compounds Qvalue

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

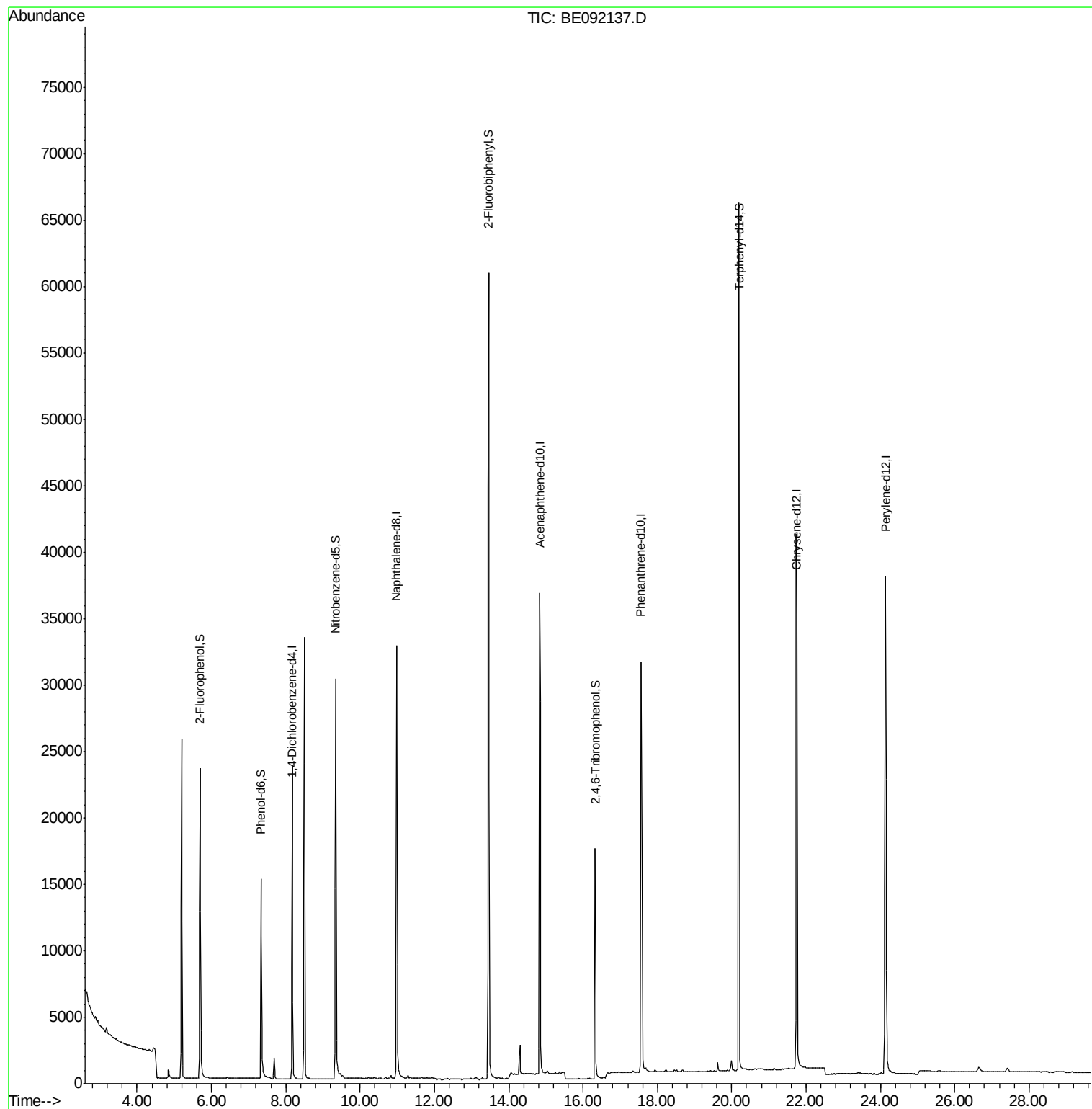
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
Data File : BE092137.D
Acq On : 3 Aug 2016 7:30
Operator : UM/SJ
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ALS Vial : 21 Sample Multiplier: 1

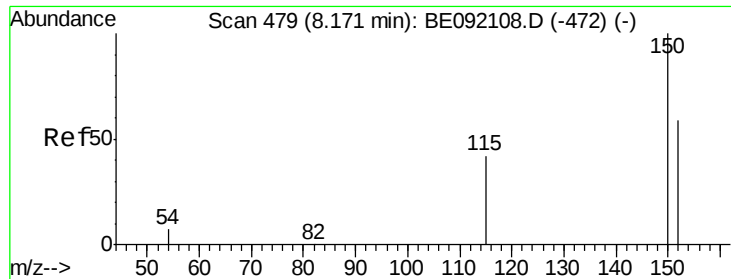
Instrument :
BNA_E
ClientSampleId :
GW-41-7.8-15.0

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 480

Delta R.T. 0.01 min

Lab File: BE092137.D

Acq: 3 Aug 2016 7:30

Instrument :

BNA_E

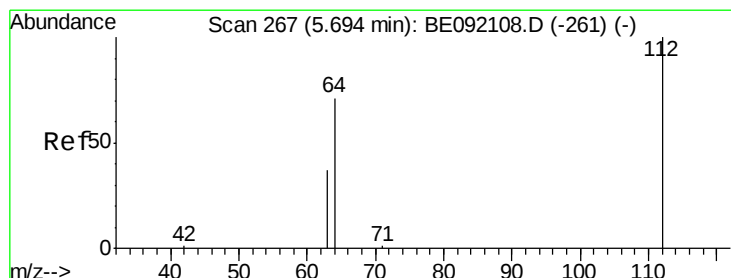
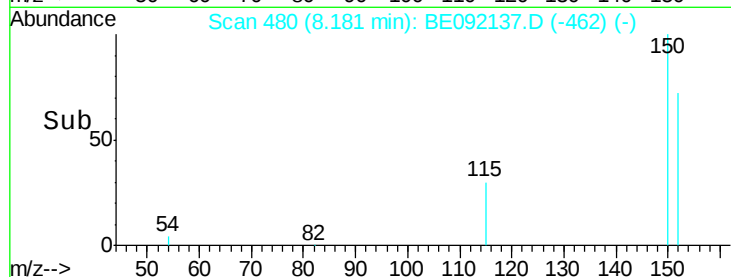
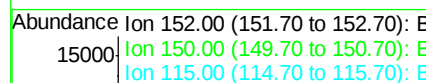
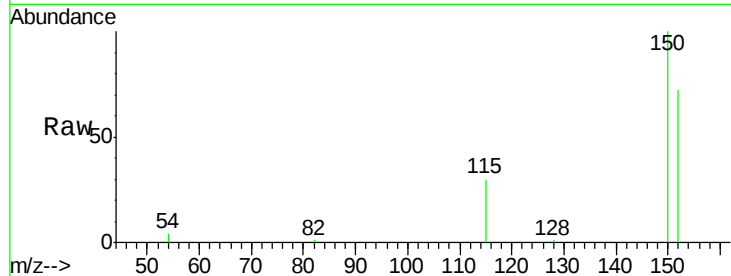
ClientSampleId :

GW-41-7.8-15.0

Tot Ion:	152	Resp:	12622
Ion Ratio	Lower	Upper	
152	100		
150	138.3	106.0	159.0
115	41.6	36.9	55.3

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#4

2-Fluorophenol

Concen: 6.00 ng

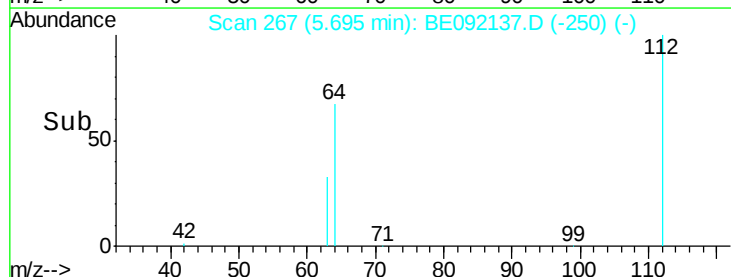
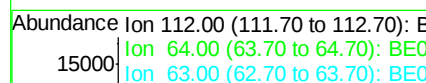
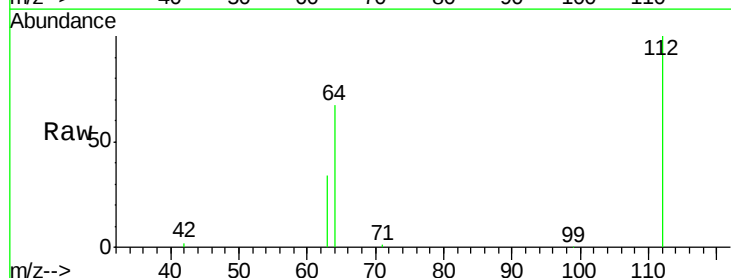
RT: 5.69 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092137.D

Acq: 3 Aug 2016 7:30

Tgt Ion:	112	Resp:	19456
Ion Ratio	Lower	Upper	
112	100		
64	67.1	55.9	83.9
63	36.1	31.1	46.7





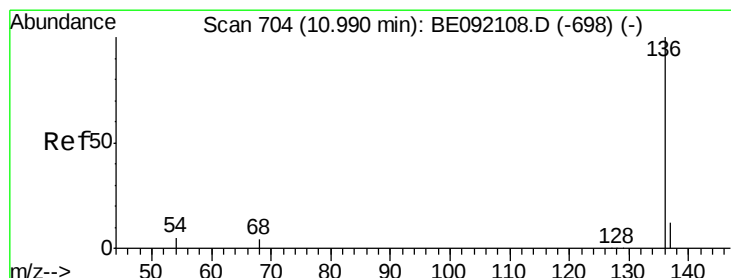
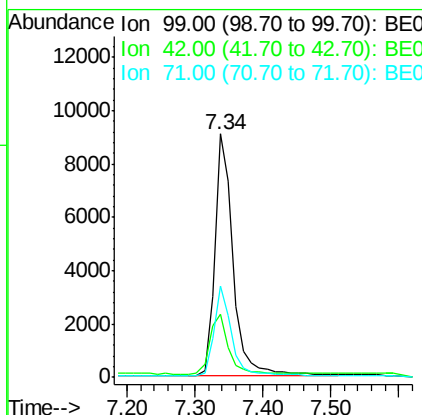
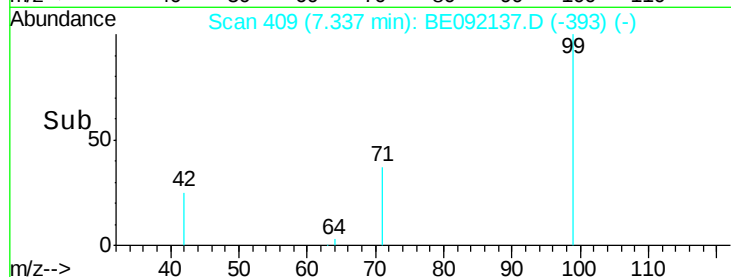
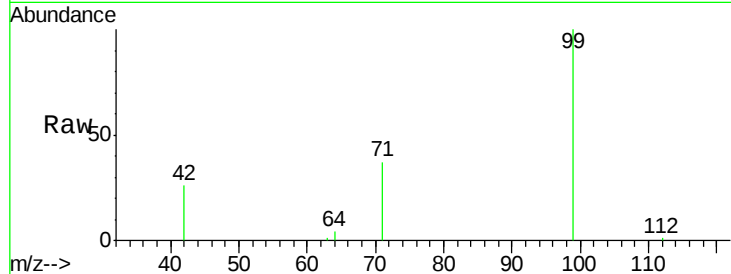
#5
Phenol-d6
Concen: 4.02 ng
RT: 7.34 min Scan# 409
Delta R.T. -0.01 min
Lab File: BE092137.D
Acq: 3 Aug 2016 7:30

Instrument :
BNA_E
ClientSampleId :
GW-41-7.8-15.0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		17360		
42	24.8	22.4	33.6		
71	35.0	28.9	43.3		

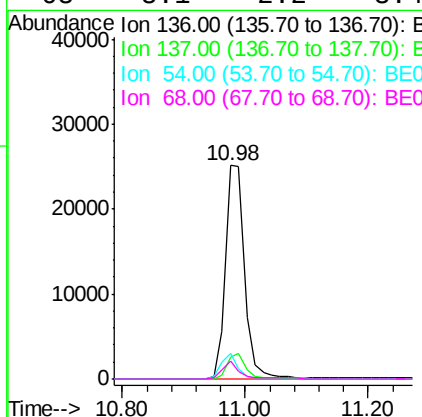
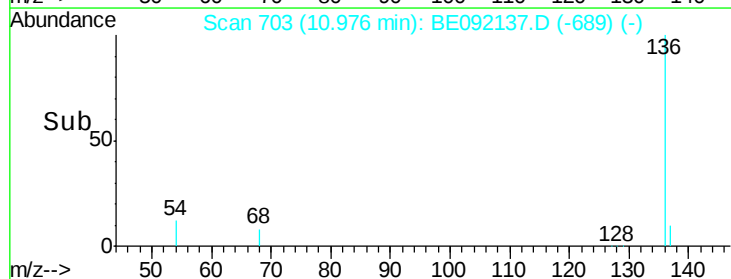
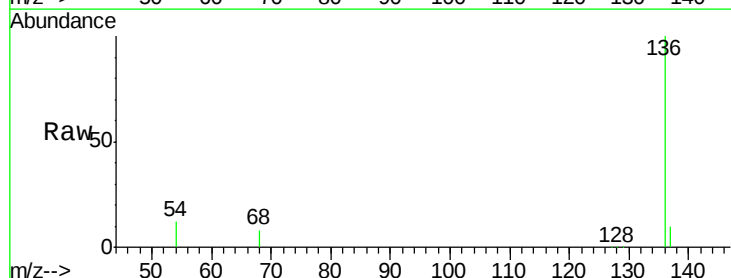
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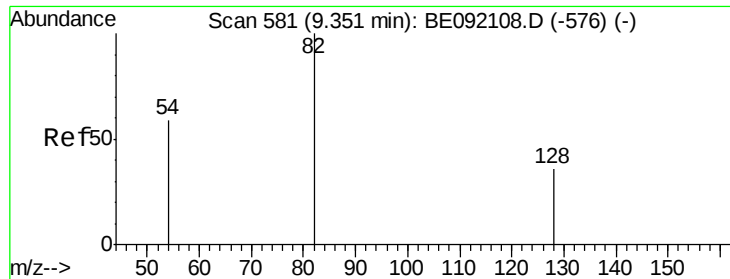
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#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.98 min Scan# 703
Delta R.T. -0.01 min
Lab File: BE092137.D
Acq: 3 Aug 2016 7:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		54134		
137	10.4	9.1	13.7		
54	11.8	2.7	4.1#		
68	8.1	2.2	3.4#		





#7

Nitrobenzene-d5

Concen: 7.06 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092137.D

Acq: 3 Aug 2016 7:30

Instrument :

BNA_E

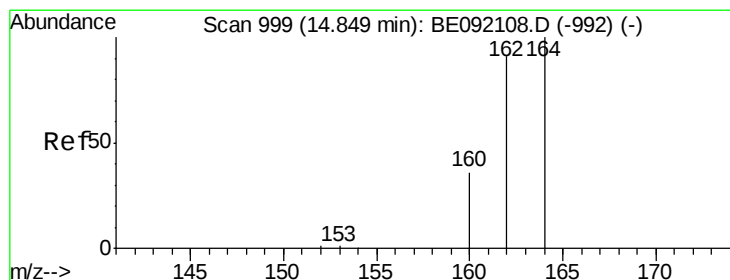
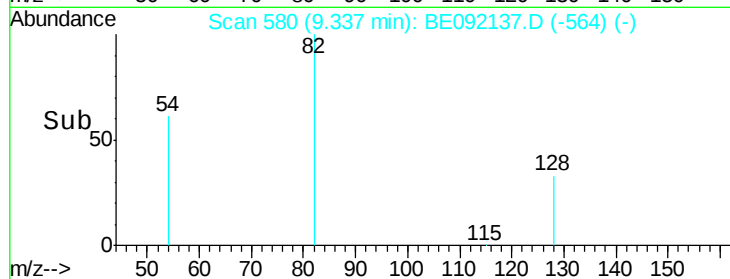
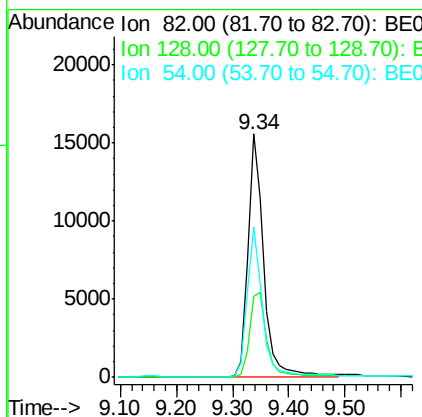
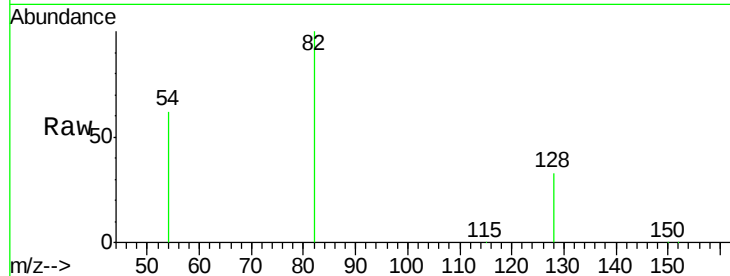
ClientSampleId :

GW-41-7.8-15.0

Tot Ion:	82	Resp:	30153
Ion Ratio	Lower	Upper	
82	100		
128	33.2	33.0	49.4
54	61.5	42.6	63.8

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#10

Acenaphthene-d10

Concen: 5.00 ng

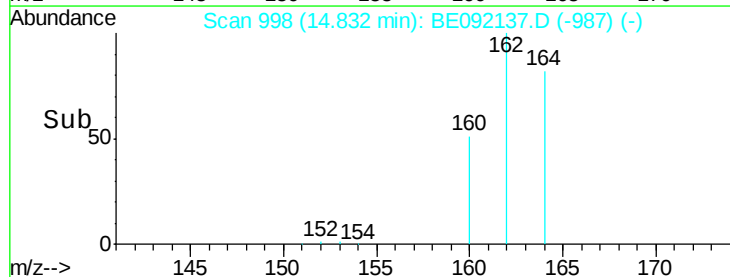
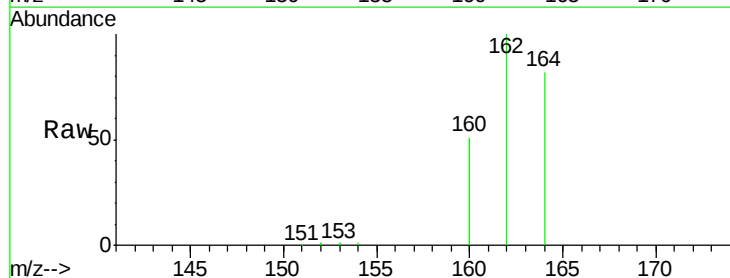
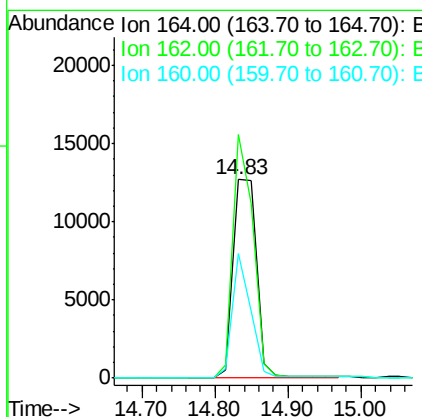
RT: 14.83 min Scan# 998

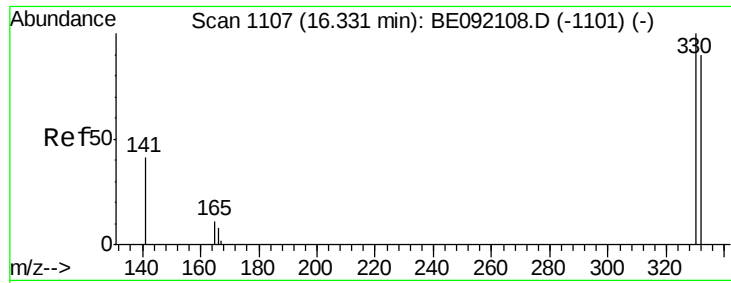
Delta R.T. -0.02 min

Lab File: BE092137.D

Acq: 3 Aug 2016 7:30

Tgt Ion:	164	Resp:	27563
Ion Ratio	Lower	Upper	
164	100		
162	122.5	69.5	104.3#
160	62.9	27.6	41.4#





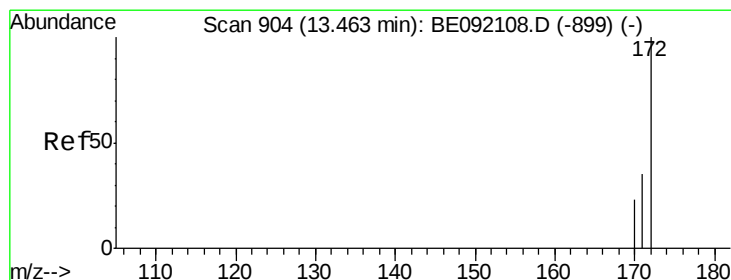
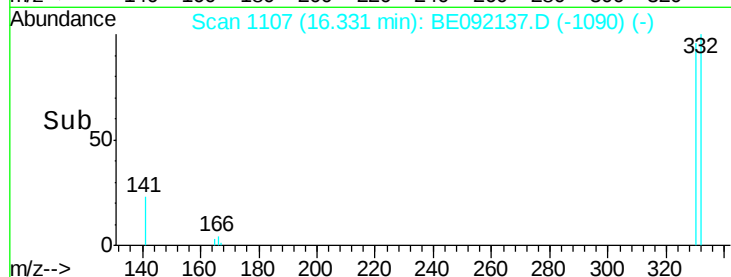
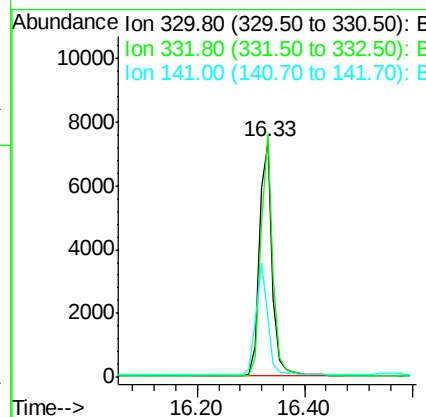
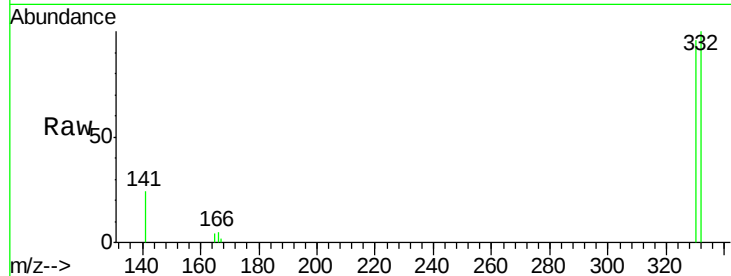
#11
 2,4,6-Tribromophenol
 Concen: 13.79 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE092137.D
 Acq: 3 Aug 2016 7:30

Instrument :
 BNA_E
 ClientSampleId :
 GW-41-7.8-15.0

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	74.2	111.4	
141	44.2	139.8	209.8	

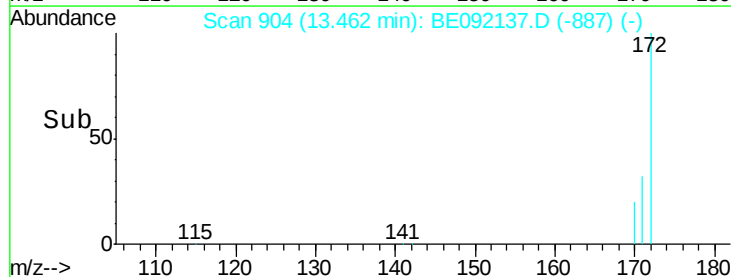
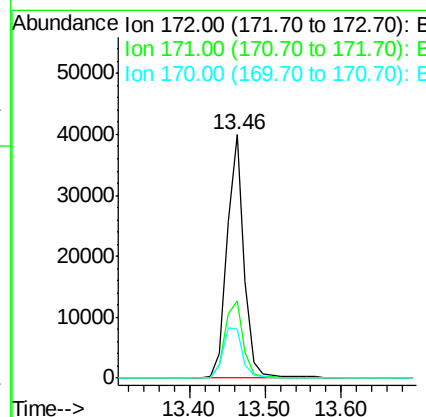
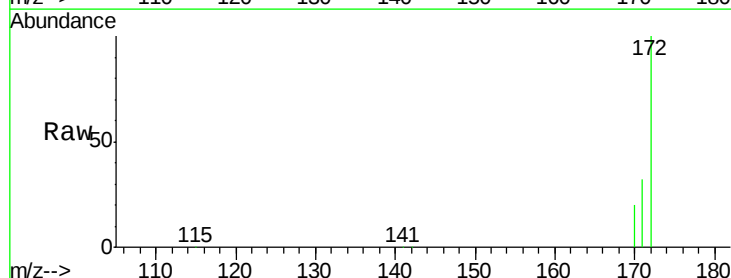
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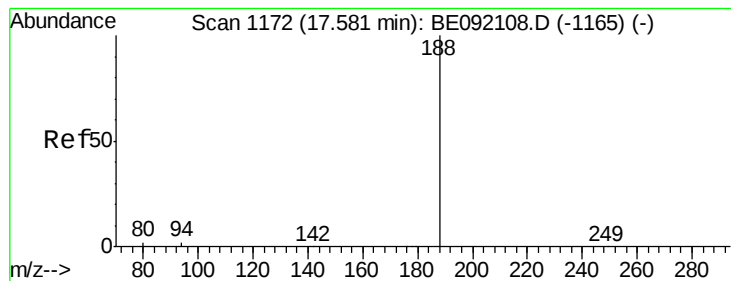
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#12
 2-Fluorobiphenyl
 Concen: 7.21 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092137.D
 Acq: 3 Aug 2016 7:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	31.9	30.3	45.5	
170	20.0	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: BE092137.D

Acq: 3 Aug 2016 7:30

Instrument :

BNA_E

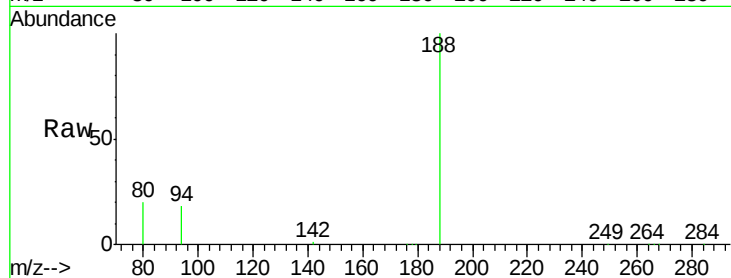
ClientSampleId :

GW-41-7.8-15.0

Tot Ion:	188	Resp:	56791
Ion Ratio	Lower	Upper	
188	100		
94	18.3	3.9	5.9#
80	19.8	3.4	5.0#

Manual Integrations
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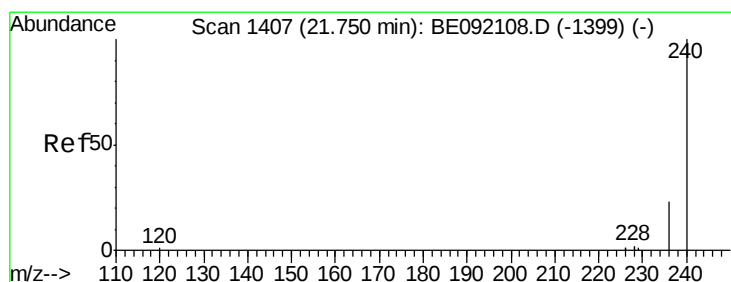
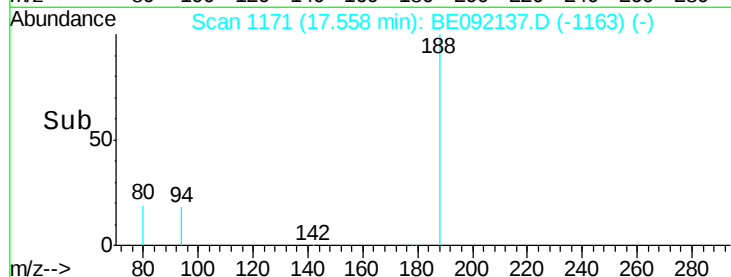
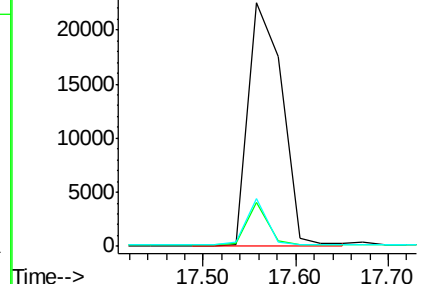
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Chrysene-d12

Concen: 5.00 ng

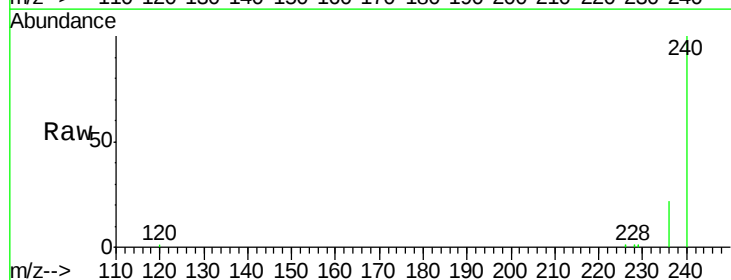
RT: 21.75 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BE092137.D

Acq: 3 Aug 2016 7:30

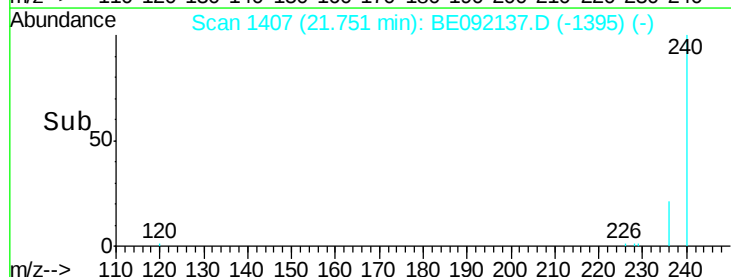
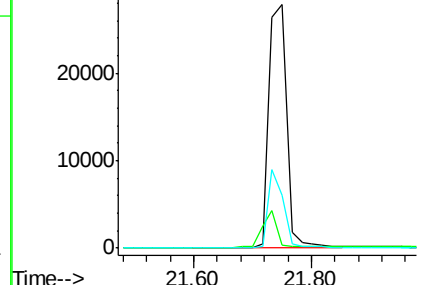
Tgt Ion:	240	Resp:	58670
Ion Ratio	Lower	Upper	
240	100		
120	1.4	0.6	1.0#
236	21.5	18.2	27.4

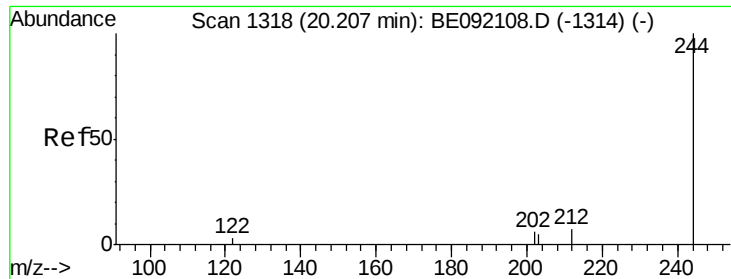


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#24

Terphenyl-d14

Concen: 8.84 ng

RT: 20.19 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BE092137.D

Acq: 3 Aug 2016 7:30

Instrument :

BNA_E

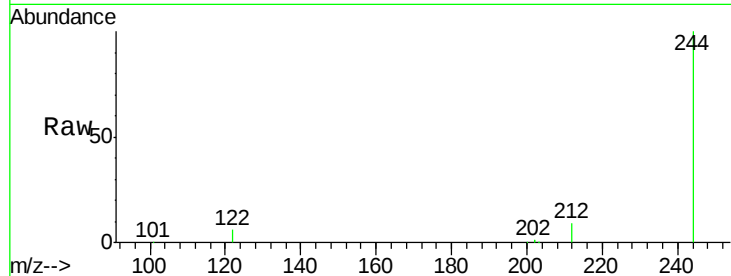
ClientSampleId :

GW-41-7.8-15.0

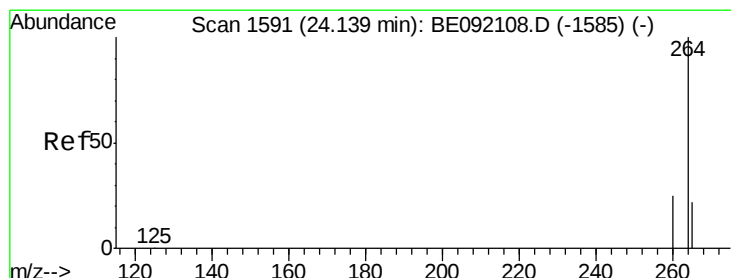
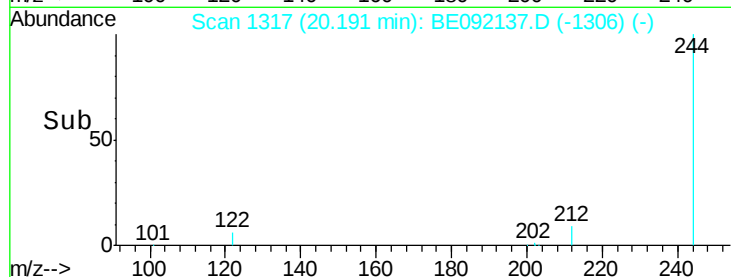
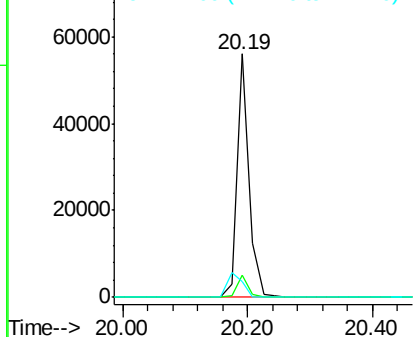
Tot Ion:	244	Resp:	74506
Ion Ratio	Lower	Upper	
244	100		
212	8.9	9.1	13.7#
122	6.4	11.0	16.4#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#28

Perylene-d12

Concen: 5.00 ng

RT: 24.14 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BE092137.D

Acq: 3 Aug 2016 7:30

Tgt Ion:	264	Resp:	58157
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.8	31.2
265	23.2	16.6	25.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

