

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
 Data File : BE092159.D
 Acq On : 3 Aug 2016 23:54
 Operator : UM/SJ
 Sample : H4176-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-22-14.5-15.0

Manual Integrations
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Quant Time: Aug 04 05:55:32 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	13355	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	60559	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	34961	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	73141	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	92509	5.00	ng	0.00
28) Perylene-d12	24.14	264	91044	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	207949	60.63	ng	0.00
5) Phenol-d6	7.34	99	180881	39.58	ng	-0.01
7) Nitrobenzene-d5	9.34	82	375943	78.67	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	144273	127.09	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	696366	62.86	ng	0.00
24) Terphenyl-d14	20.21	244	766572	57.70	ng	0.00

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

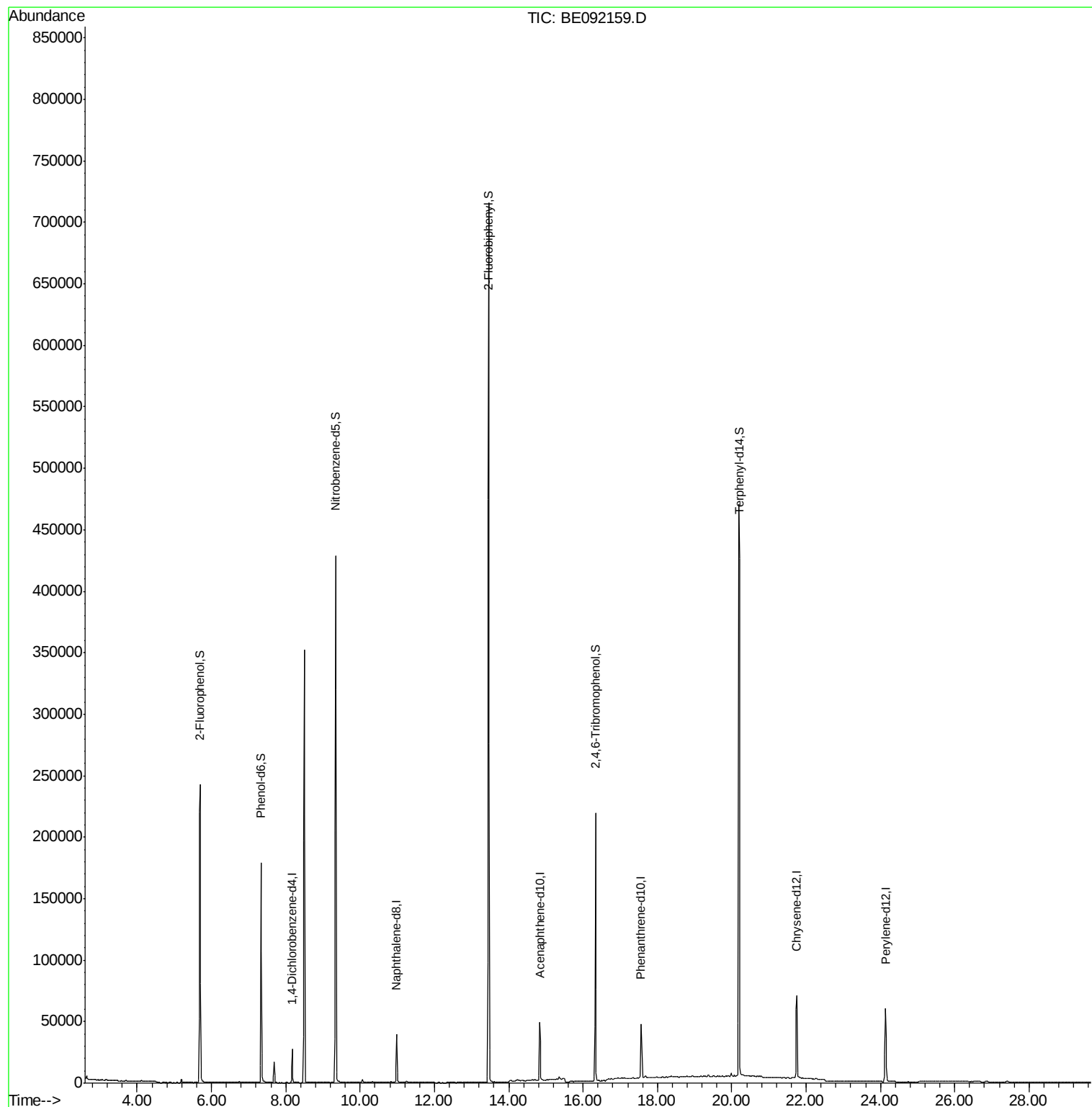
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
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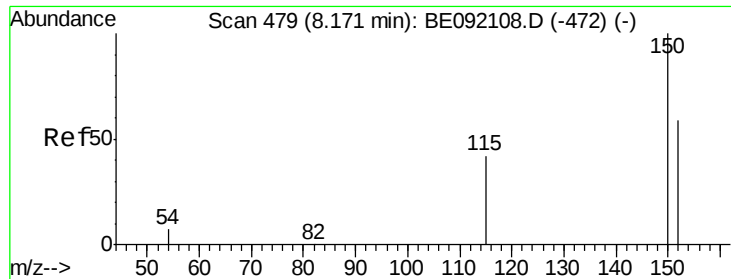
Instrument :
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QLast Update : Tue Aug 02 16:59:37 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE092159.D

Acq: 3 Aug 2016 23:54

Instrument :

BNA_E

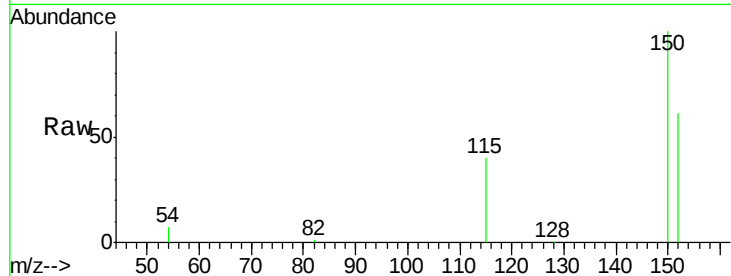
ClientSampleId :

GW-22-14.5-15.0

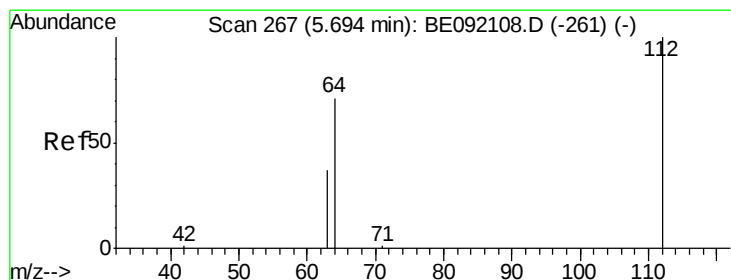
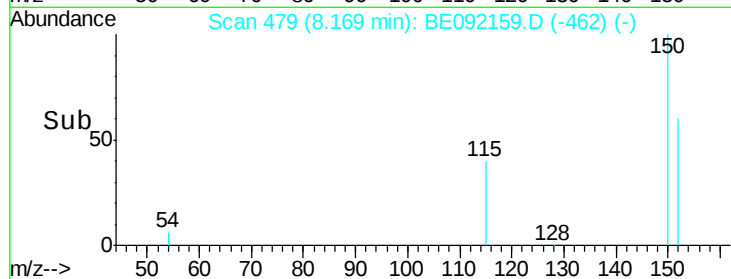
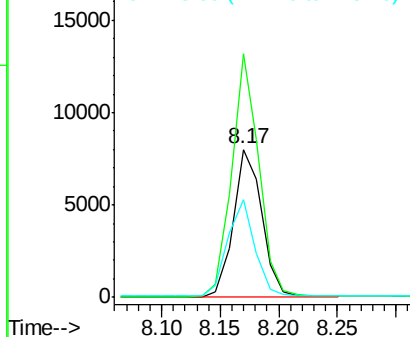
Tgt Ion:	152	Resp:	13355
Ion Ratio	Lower	Upper	
152	100		
150	164.9	106.0	159.0#
115	66.3	36.9	55.3#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 60.63 ng

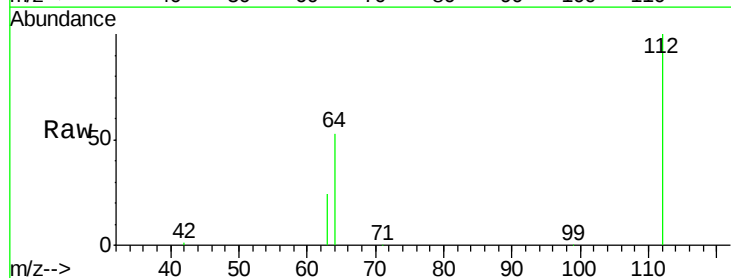
RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

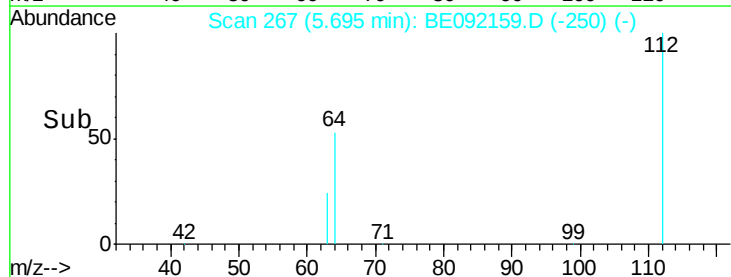
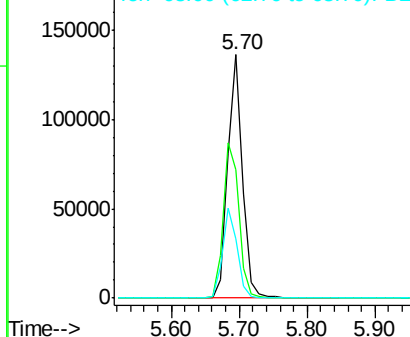
Lab File: BE092159.D

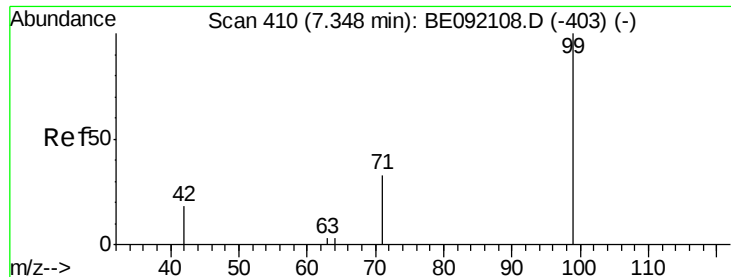
Acq: 3 Aug 2016 23:54

Tgt Ion:	112	Resp:	207949
Ion Ratio	Lower	Upper	
112	100		
64	68.8	55.9	83.9
63	37.1	31.1	46.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 39.58 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092159.D

Acq: 3 Aug 2016 23:54

Instrument :

BNA_E

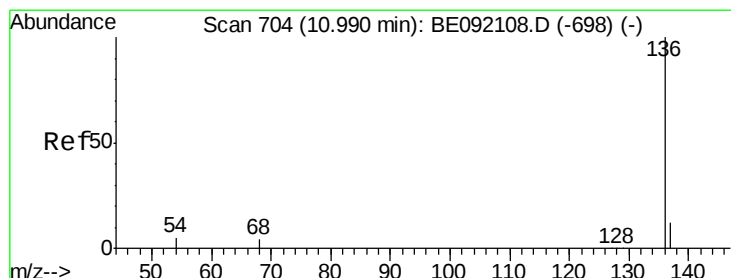
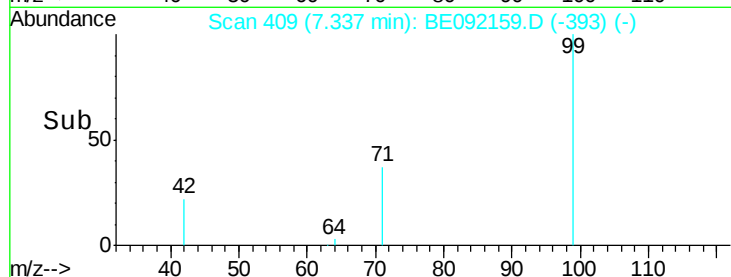
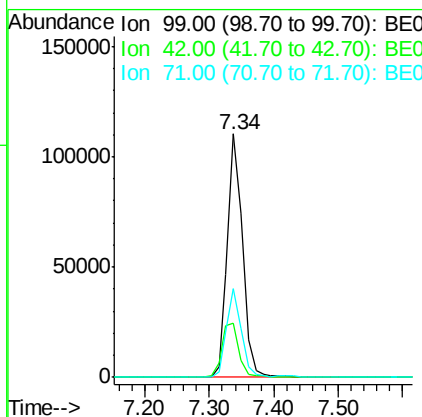
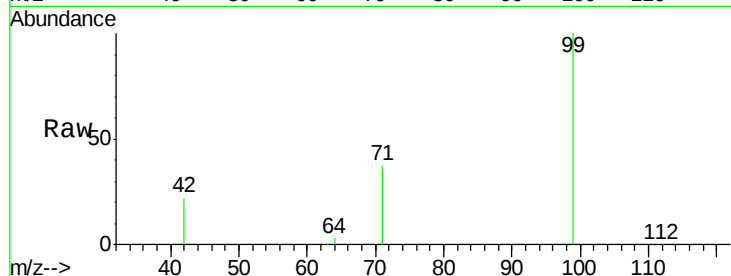
ClientSampleId :

GW-22-14.5-15.0

Tgt Ion:	99	Resp:	180881
Ion	Ratio	Lower	Upper
99	100		
42	25.2	22.4	33.6
71	35.6	28.9	43.3

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#6

Naphthalene-d8

Concen: 5.00 ng

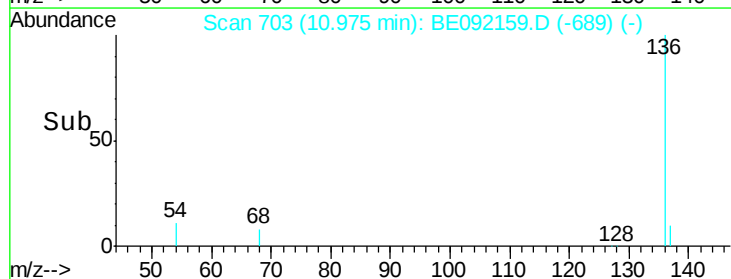
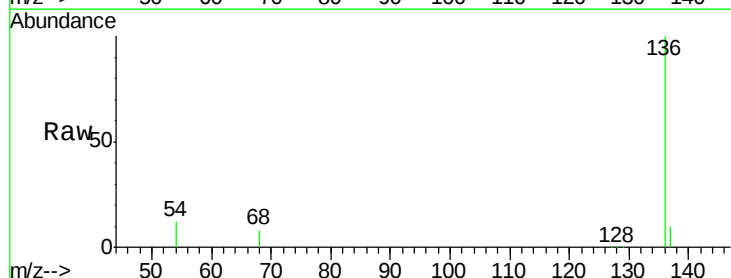
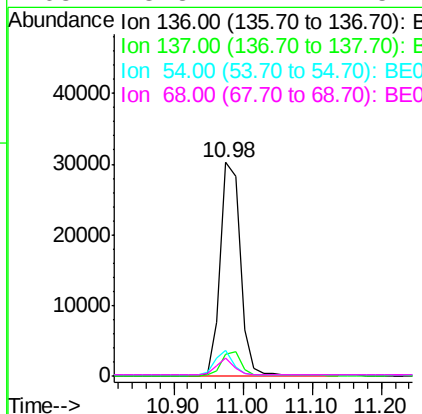
RT: 10.98 min Scan# 703

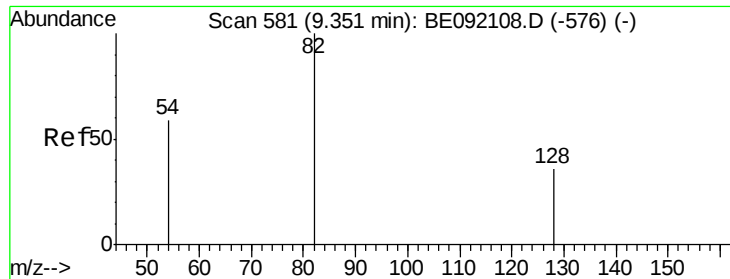
Delta R.T. -0.01 min

Lab File: BE092159.D

Acq: 3 Aug 2016 23:54

Tgt Ion:	136	Resp:	60559
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	11.8	2.7	4.1#
68	8.3	2.2	3.4#





#7

Nitrobenzene-d5

Concen: 78.67 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092159.D

Acq: 3 Aug 2016 23:54

Instrument :

BNA_E

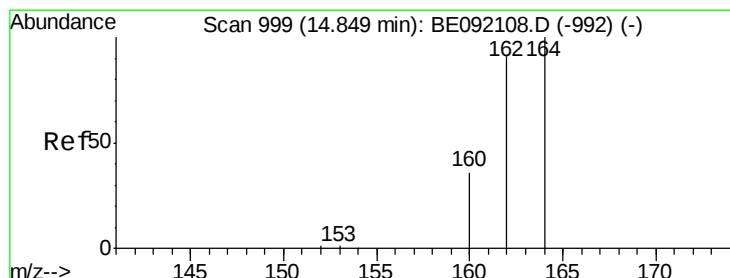
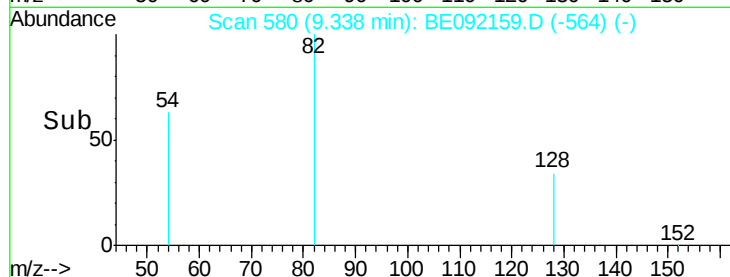
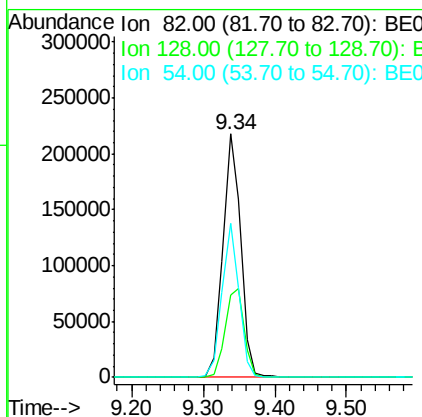
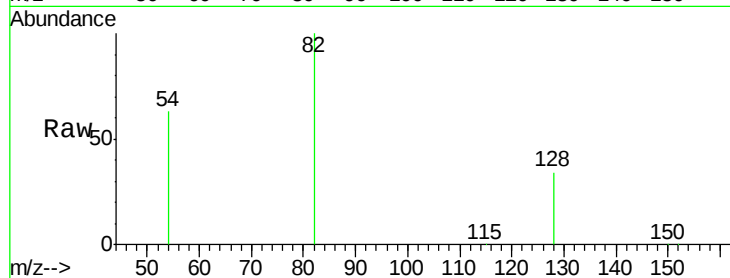
ClientSampleId :

GW-22-14.5-15.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.7	33.0	49.4
54	63.2	42.6	63.8

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#10

Acenaphthene-d10

Concen: 5.00 ng

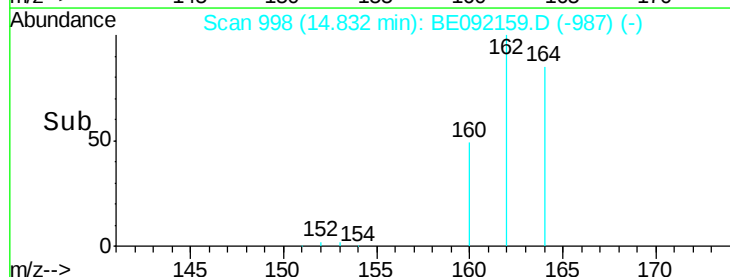
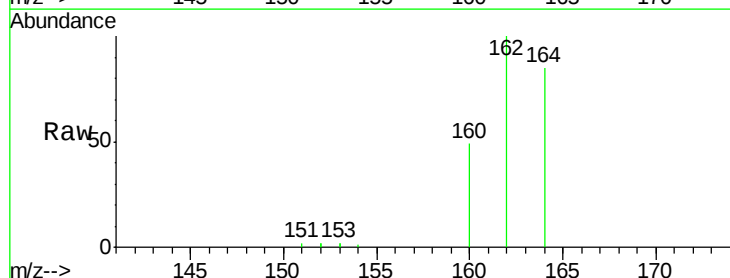
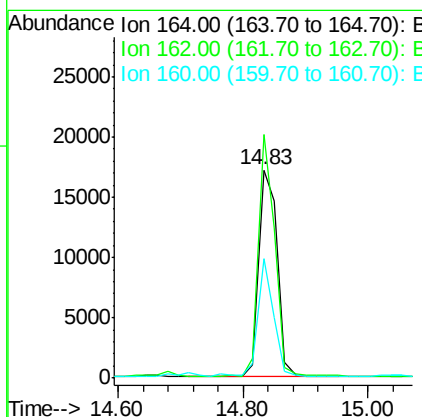
RT: 14.83 min Scan# 998

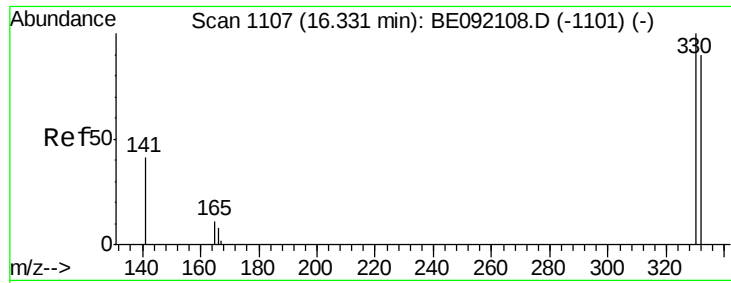
Delta R.T. -0.02 min

Lab File: BE092159.D

Acq: 3 Aug 2016 23:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	117.1	69.5	104.3#
160	57.6	27.6	41.4#





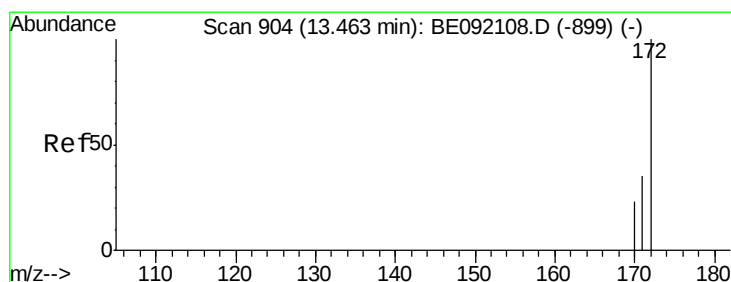
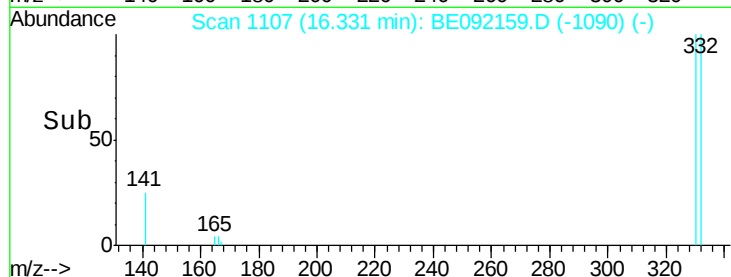
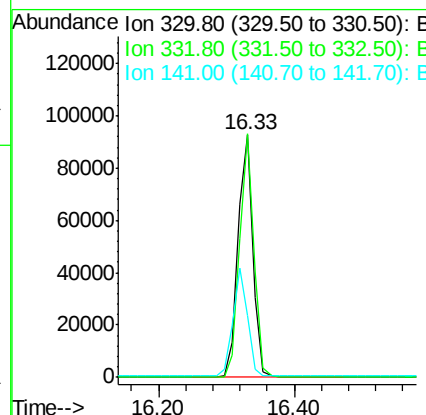
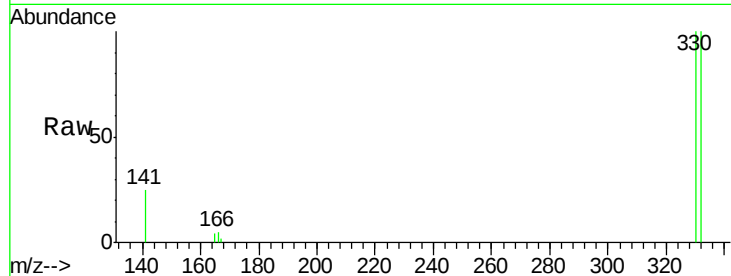
#11
 2,4,6-Tribromophenol
 Concen: 127.09 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE092159.D
 Acq: 3 Aug 2016 23:54

Instrument :
 BNA_E
 ClientSampleId :
 GW-22-14.5-15.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	74.2	111.4
141	42.8	139.8	209.8

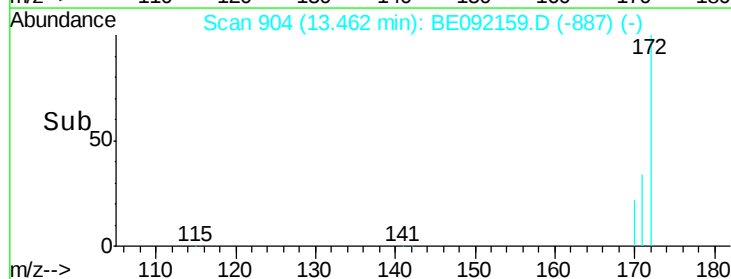
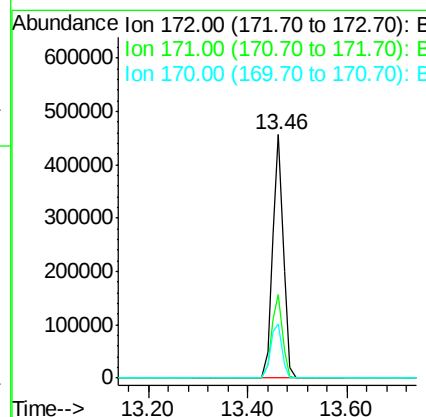
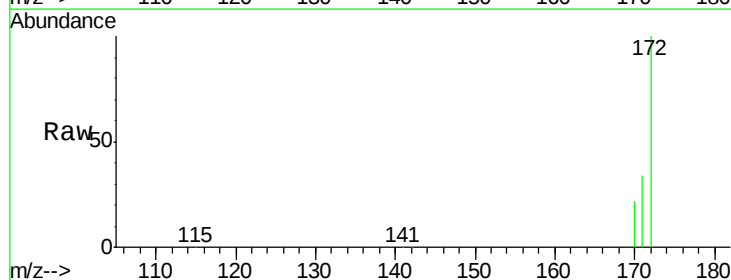
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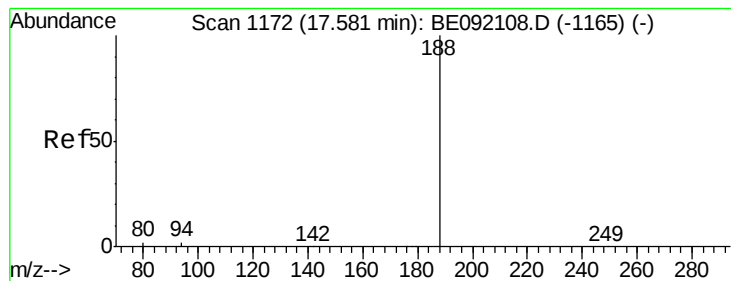
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#12
 2-Fluorobiphenyl
 Concen: 62.86 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092159.D
 Acq: 3 Aug 2016 23:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.3	45.5
170	22.2	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: BE092159.D

Acq: 3 Aug 2016 23:54

Instrument :

BNA_E

ClientSampleId :

GW-22-14.5-15.0

Tgt Ion:188 Resp: 73141

Ion Ratio Lower Upper

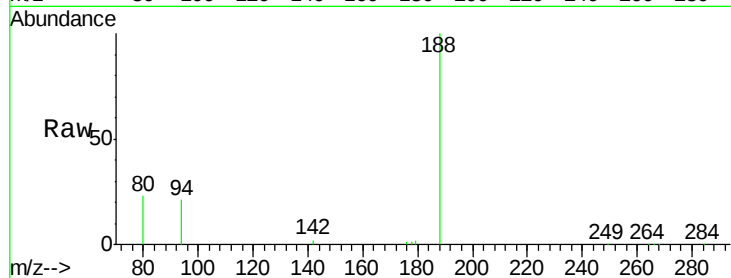
188 100

94 21.3 3.9 5.9#

80 22.6 3.4 5.0#

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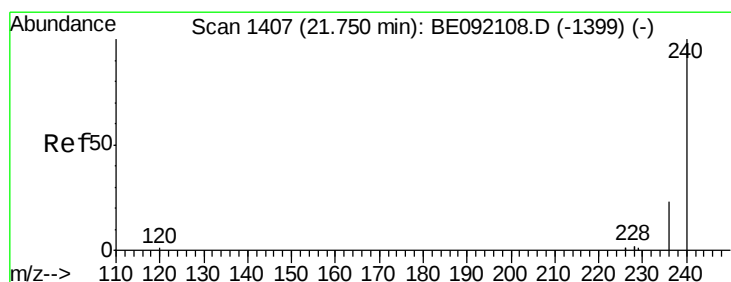
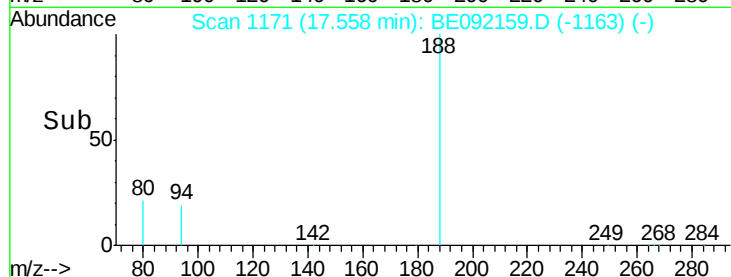
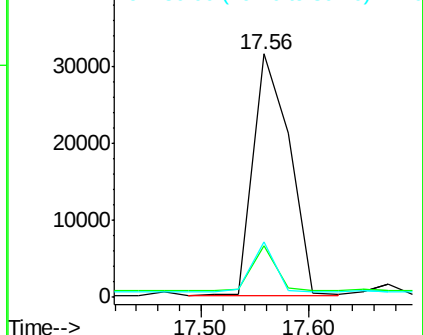
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Abundance Ion 188.00 (187.70 to 188.70): E

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: BE092159.D

Acq: 3 Aug 2016 23:54

Tgt Ion:240 Resp: 92509

Ion Ratio Lower Upper

240 100

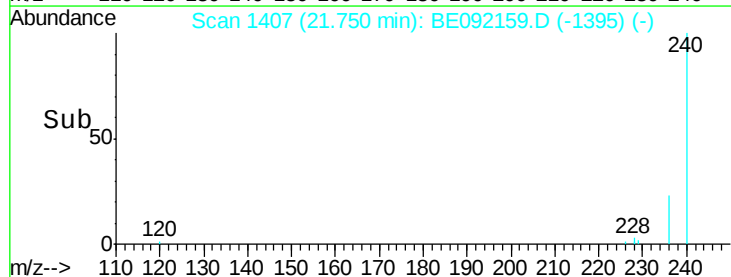
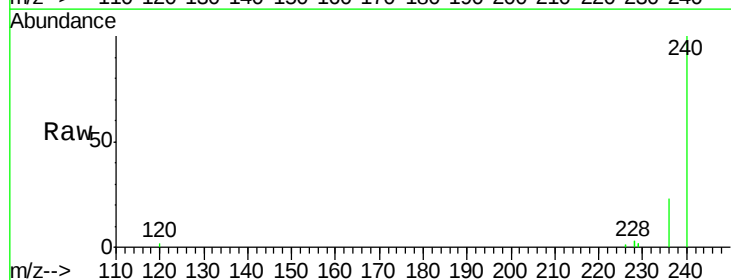
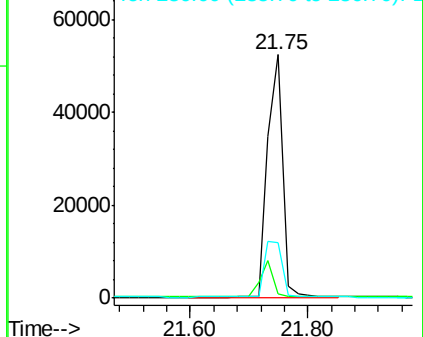
120 1.6 0.6 1.0#

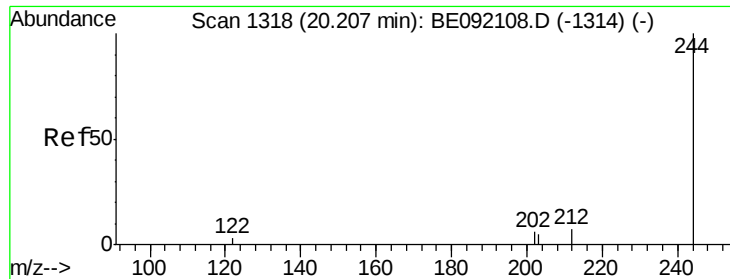
236 22.9 18.2 27.4

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





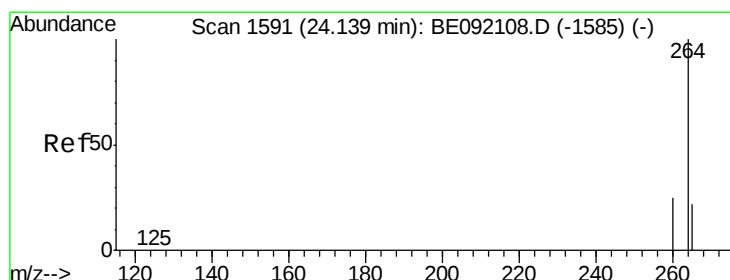
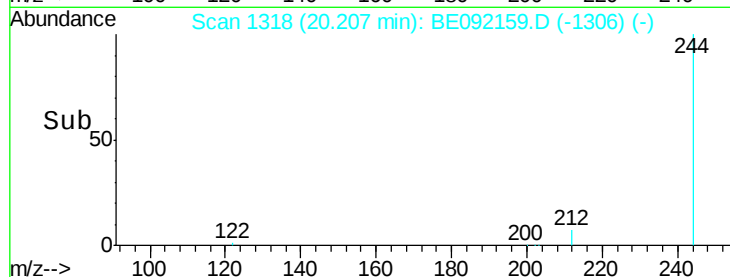
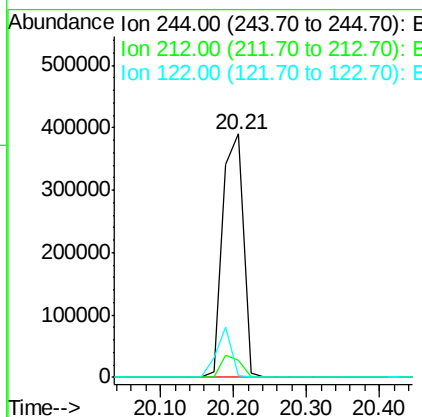
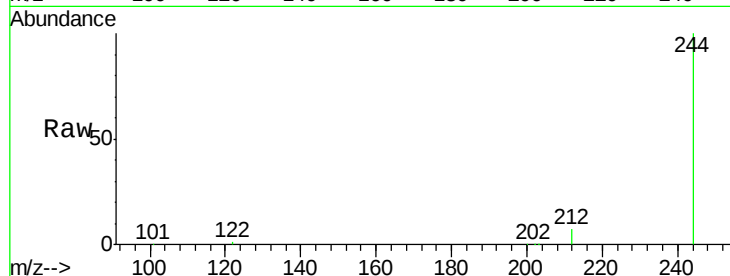
#24
 Terphenyl-d14
 Concen: 57.70 ng
 RT: 20.21 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BE092159.D
 Acq: 3 Aug 2016 23:54

Instrument :
 BNA_E
 ClientSampleId :
 GW-22-14.5-15.0

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	766572		
212	7.1	9.1	13.7#	
122	0.7	11.0	16.4#	

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#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092159.D
 Acq: 3 Aug 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	91044		
260	24.8	20.8	31.2	
265	22.3	16.6	25.0	

