

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092853.D
 Acq On : 29 Mar 2017 1:48
 Operator : SJ/MA
 Sample : I2421-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 HHD-GW1

Manual Integrations
 APPROVED

mohammad
 3/29/2017 2:37:39 PM

Quant Time: Mar 29 12:53:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 14:58:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8236	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	36756	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	19123	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	43003	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	54316	5.00	ng	-0.02
31) Perylene-d12	23.71	264	48831	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	9680	5.05	ng	0.00
5) Phenol-d6	6.94	99	8480m	3.01	ng	0.00
8) Nitrobenzene-d5	8.92	82	10453	4.95	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	5378	18.00	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	30877	4.90	ng	-0.01
26) Terphenyl-d14	19.74	244	39483	4.21	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	10811	9.82	ng	Qvalue 97
9) Naphthalene	10.58	128	1102	0.14	ng	# 74
15) Acenaphthylene	14.11	152	2655	0.09	ng	# 3
16) Acenaphthene	14.45	154	7373	1.41	ng	91
17) Fluorene	15.44	166	5405	0.87	ng	95
21) Phenanthrene	17.18	178	2601	0.25	ng	98
22) Anthracene	17.27	178	1664	0.17	ng	# 94
23) Fluoranthene	19.18	202	5624m	0.12	ng	
25) Pyrene	19.54	202	5013	0.09	ng	# 91
27) Benzo(a)anthracene	21.26	228	642	0.05	ng	# 68
28) Chrysene	21.31	228	410m	0.03	ng	
29) Bis(2-ethylhexyl)phthalate	21.21	149	901	0.28	ng	# 78

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

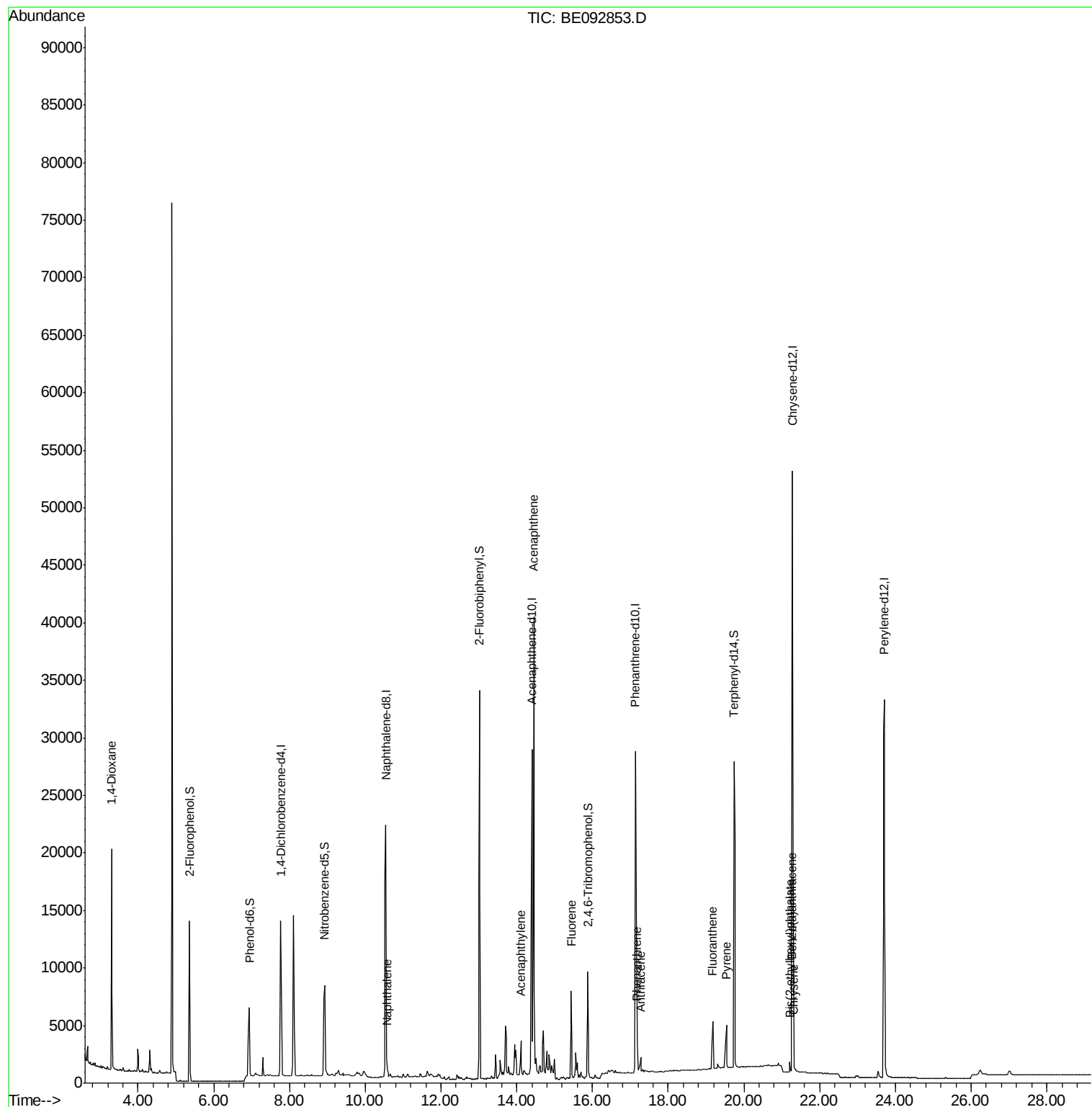
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092853.D
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ALS Vial : 24 Sample Multiplier: 1

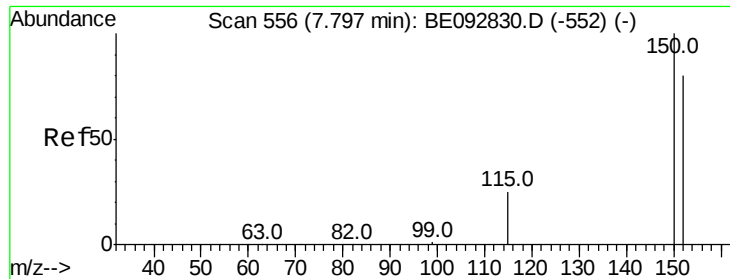
Instrument :
BNA_E
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HHD-GW1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Instrument :

BNA_E

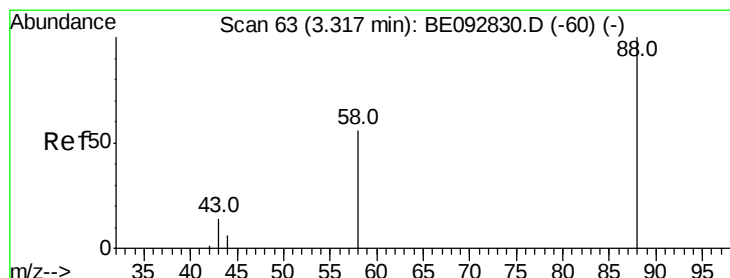
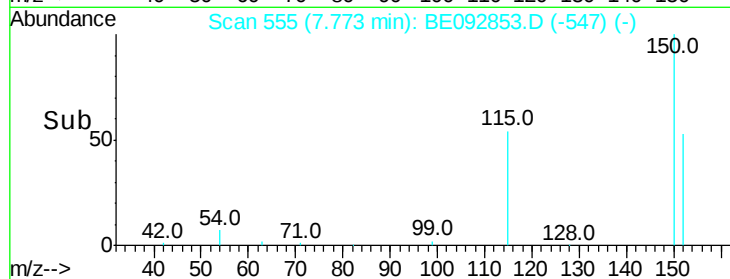
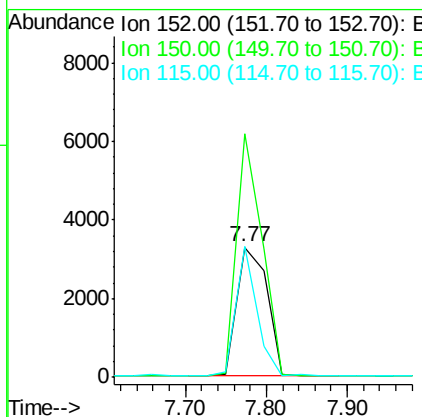
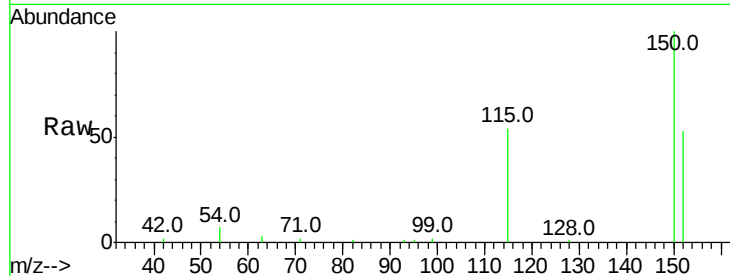
ClientSampled :

HHD-GW1

Tot Ion	Ratio	Lower	Upper
152	100		
150	187.7	106.0	159.0#
115	101.2	31.2	46.8#

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#2

1,4-Dioxane

Concen: 9.82 ng

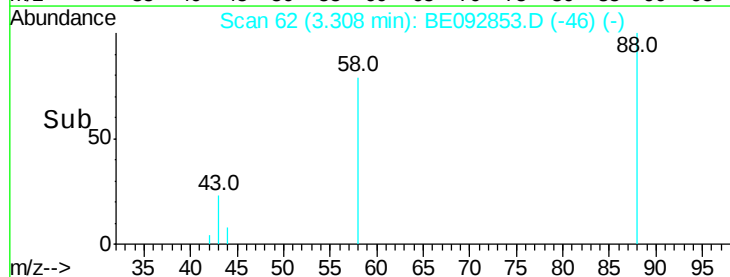
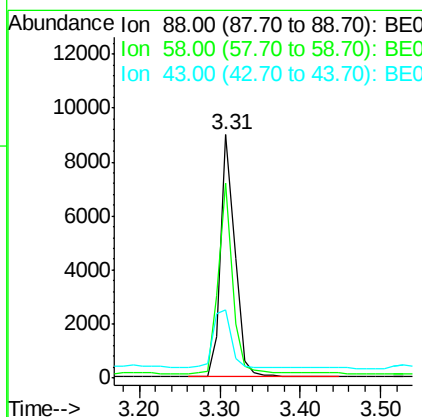
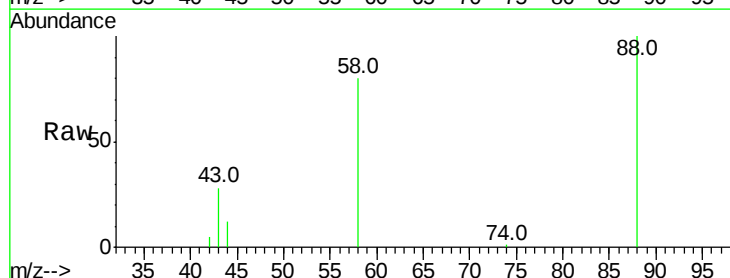
RT: 3.31 min Scan# 62

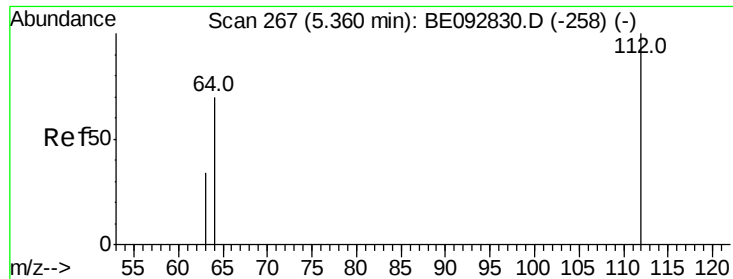
Delta R.T. -0.01 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	63.6	95.4
43	31.2	28.0	42.0





#4

2-Fluorophenol

Concen: 5.05 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Instrument :

BNA_E

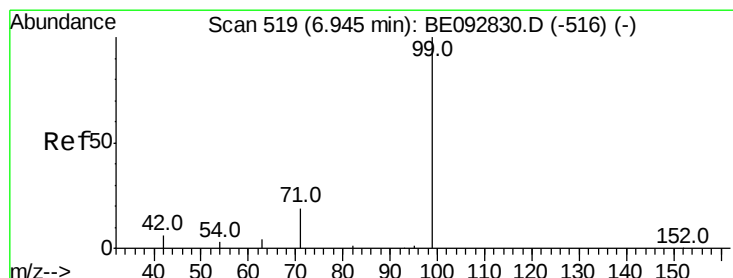
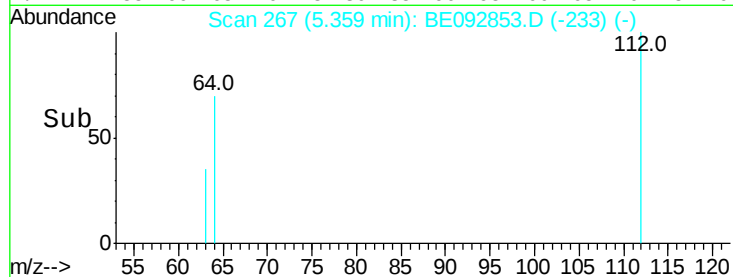
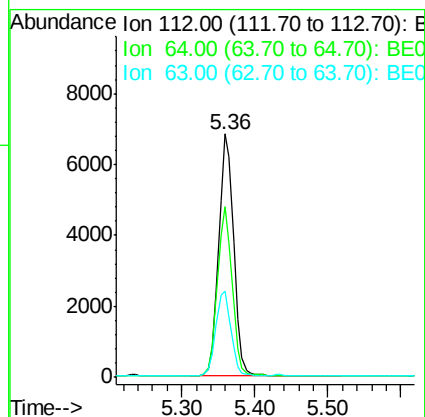
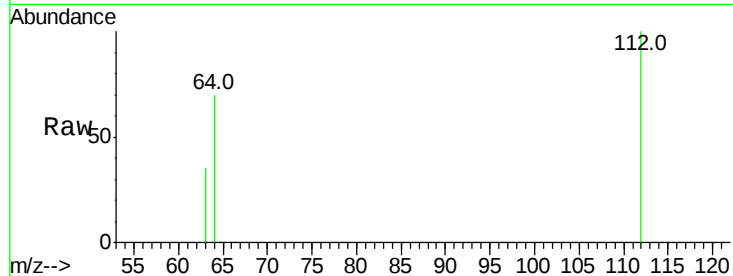
ClientSampleId :

HHD-GW1

Tot Ion:	112	Resp:	9680
Ion Ratio	Lower	Upper	
112	100		
64	68.8	53.5	80.3
63	35.2	27.9	41.9

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#5

Phenol-d6

Concen: 3.01 ng m

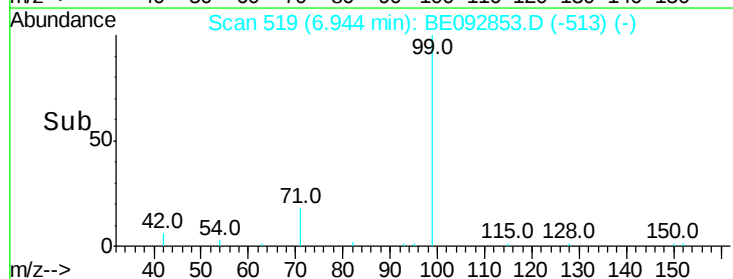
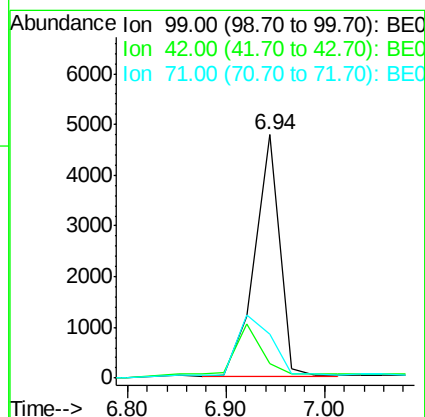
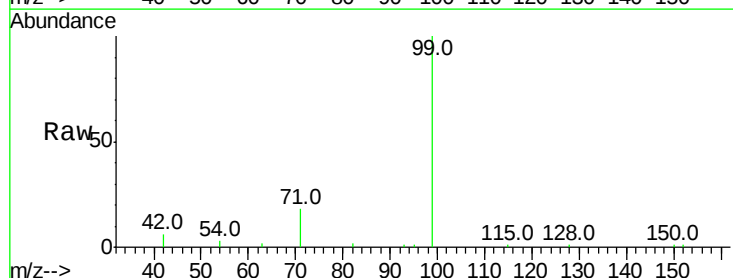
RT: 6.94 min Scan# 519

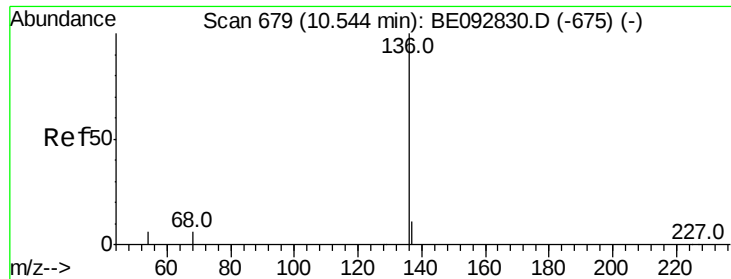
Delta R.T. -0.00 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Tgt Ion:	99	Resp:	8480
Ion Ratio	Lower	Upper	
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Instrument :

BNA_E

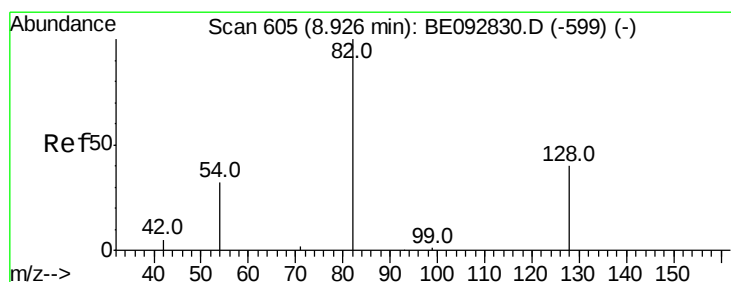
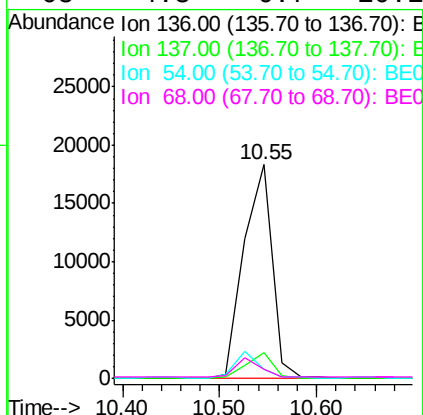
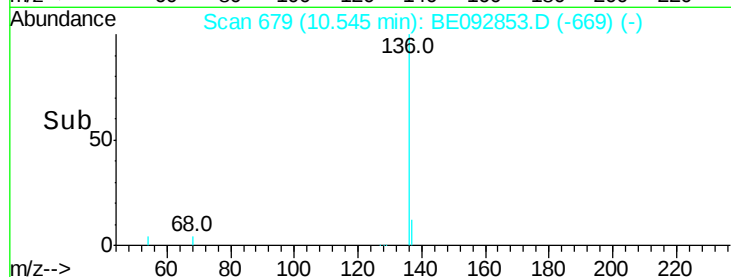
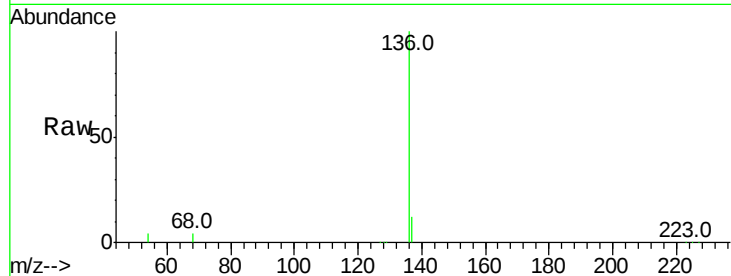
ClientSampleId :

HHD-GW1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.2	8.2	12.4
54	4.1	9.6	14.4#
68	4.3	6.7	10.1#

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#8

Nitrobenzene-d5

Concen: 4.95 ng

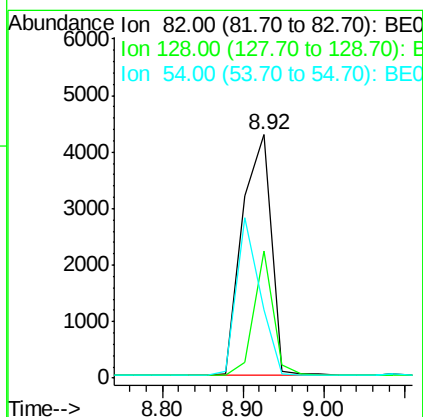
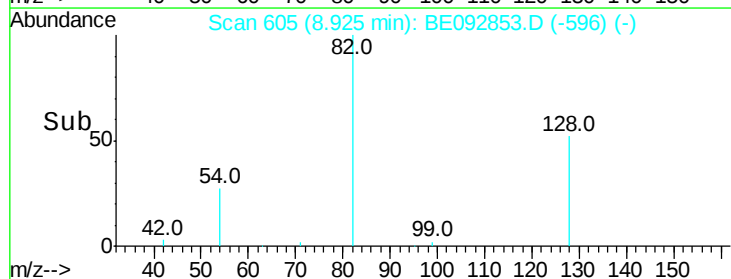
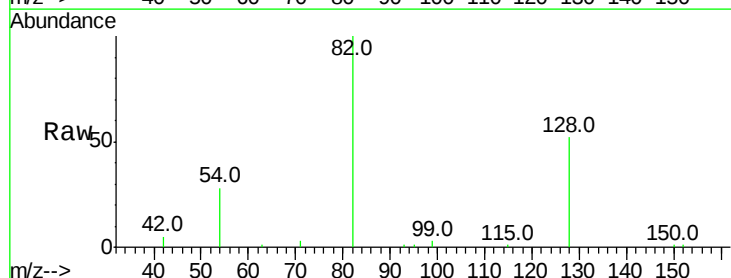
RT: 8.92 min Scan# 605

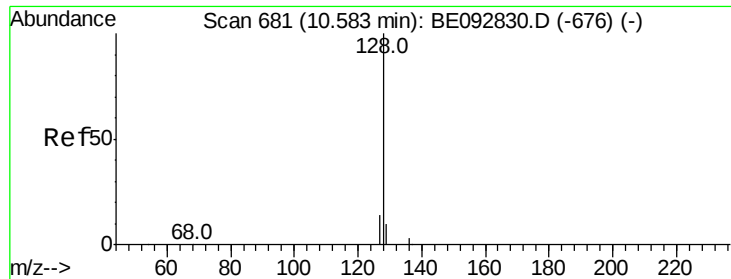
Delta R.T. -0.00 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	52.3	39.0	58.4
54	28.0	44.8	67.2#





#9

Naphthalene

Concen: 0.14 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Instrument :

BNA_E

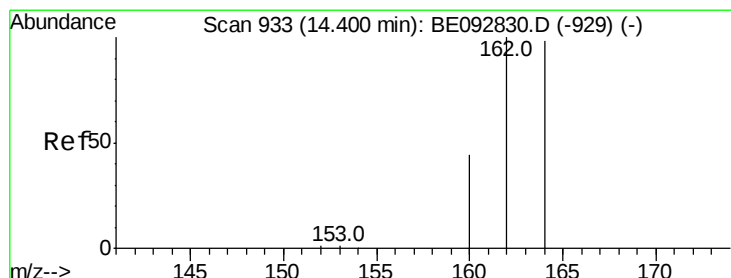
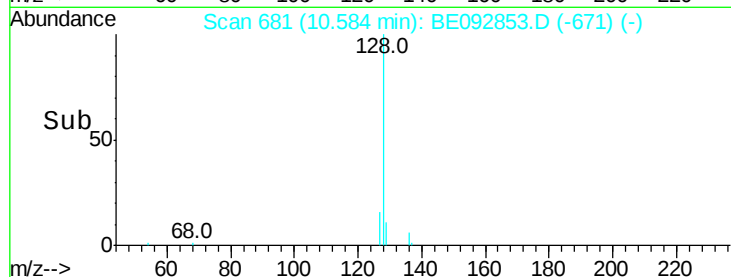
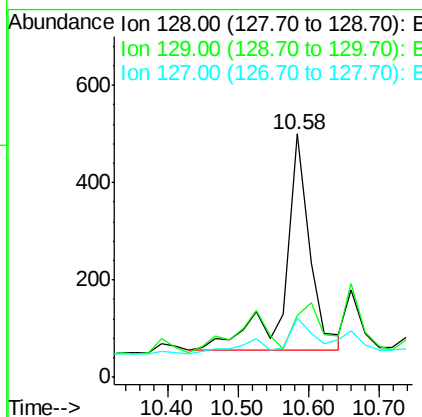
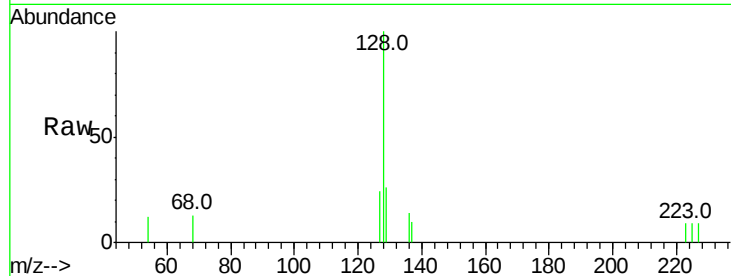
ClientSampleId :

HHD-GW1

Tot Ion:	128	Resp:	1102
Ion	Ratio	Lower	Upper
128	100		
129	25.6	11.2	16.8#
127	24.2	11.6	17.4#

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#12

Acenaphthene-d10

Concen: 5.00 ng

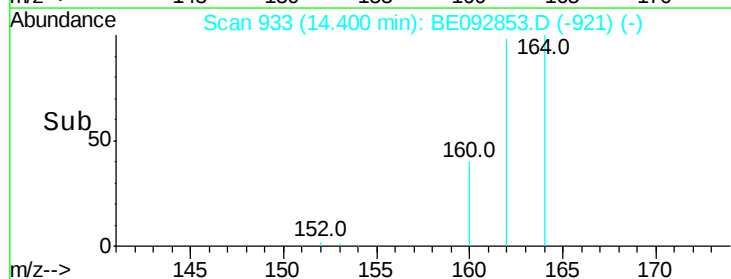
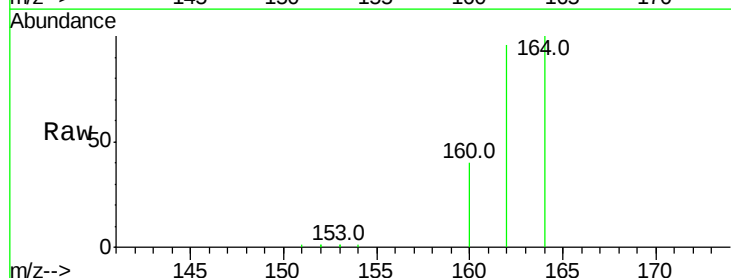
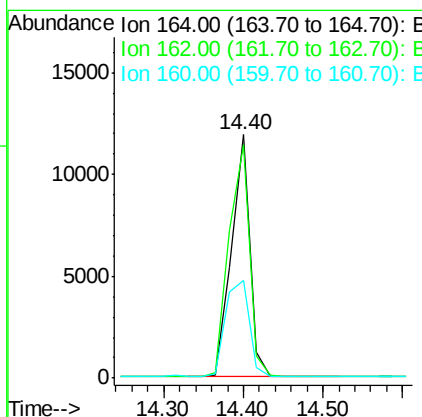
RT: 14.40 min Scan# 933

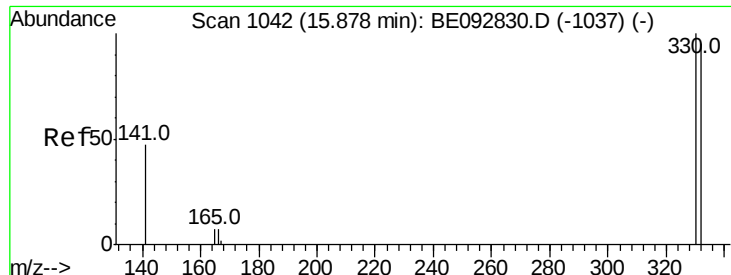
Delta R.T. -0.00 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Tgt Ion:	164	Resp:	19123
Ion	Ratio	Lower	Upper
164	100		
162	95.7	71.4	107.0
160	40.2	27.4	41.2





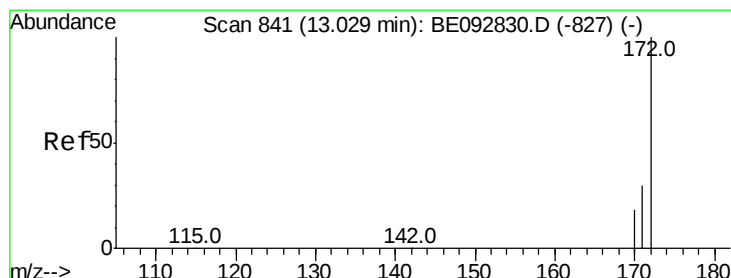
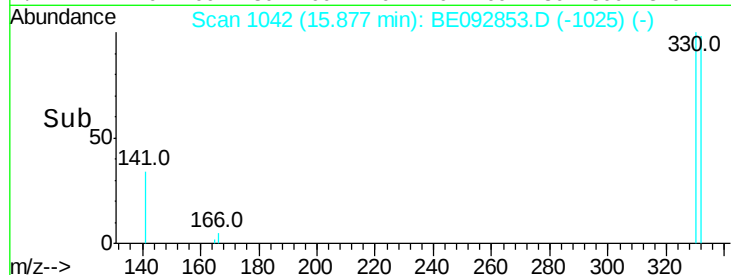
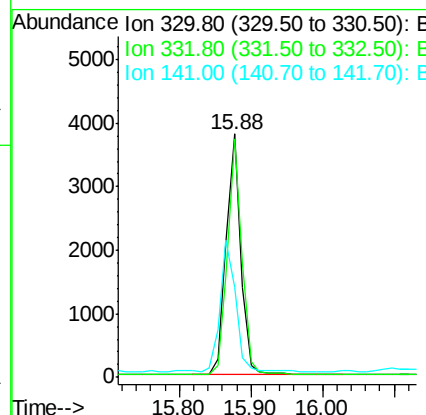
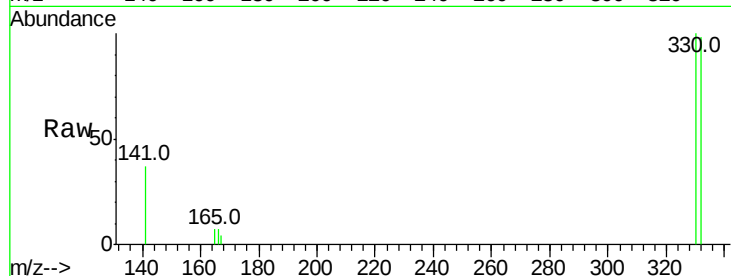
#13
 2,4,6-Tribromophenol
 Concen: 18.00 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092853.D
 Acq: 29 Mar 2017 1:48

Instrument :
 BNA_E
 ClientSampleId :
 HHD-GW1

Tot Ion:330 Resp: 5378
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 57.9 31.0 46.6#

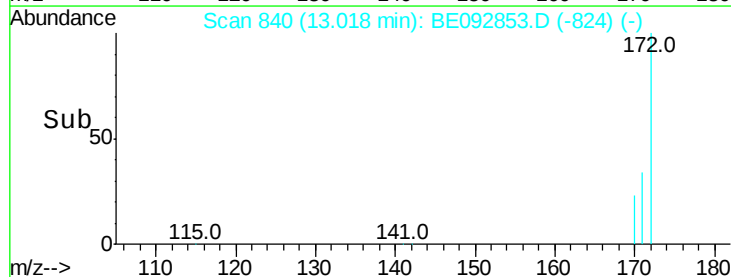
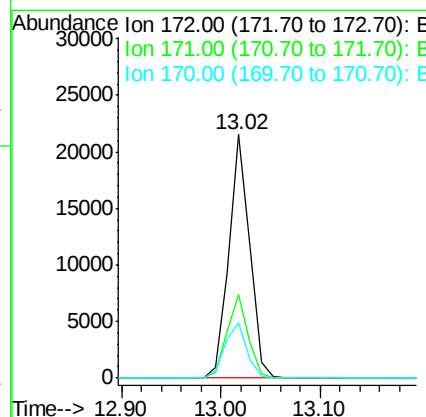
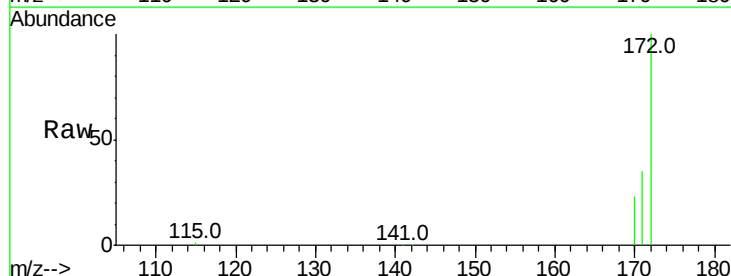
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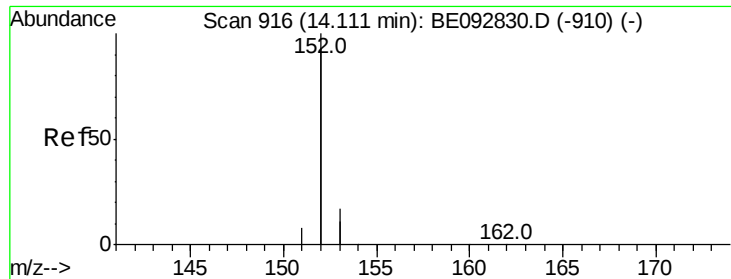
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#14
 2-Fluorobiphenyl
 Concen: 4.90 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092853.D
 Acq: 29 Mar 2017 1:48

Tgt Ion:172 Resp: 30877
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.1 45.1
 170 22.9 21.8 32.6





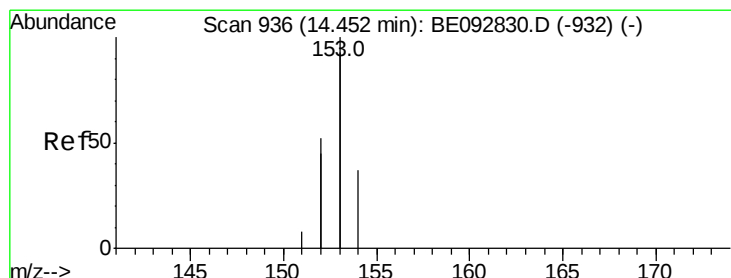
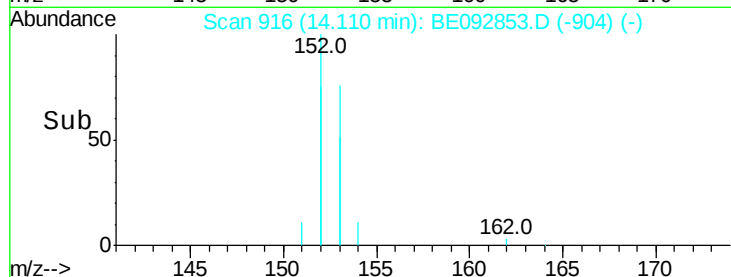
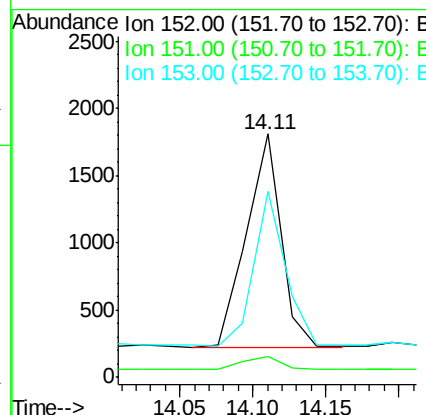
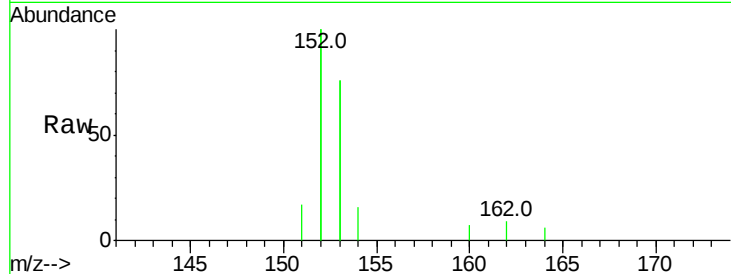
#15
Acenaphthylene
Concen: 0.09 ng
RT: 14.11 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Instrument :
BNA_E
ClientSampleId :
HHD-GW1

Tot Ion	Ratio	Lower	Upper
152	100		
151	6.8	3.9	5.9#
153	65.3	10.4	15.6#

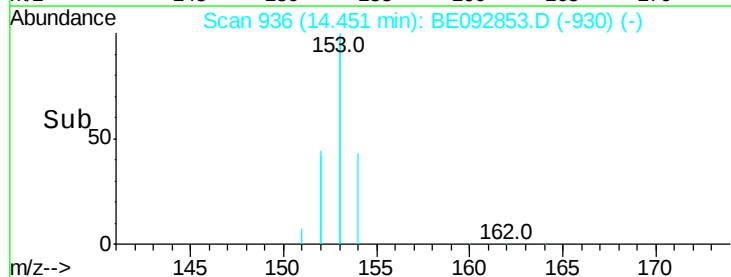
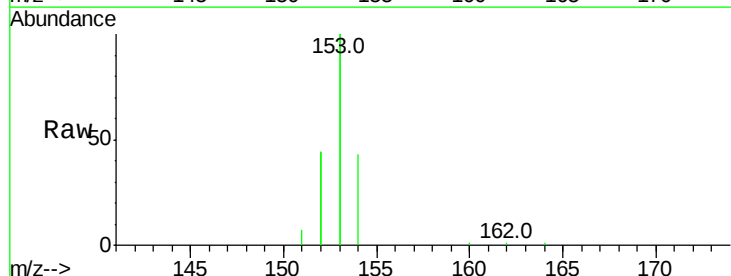
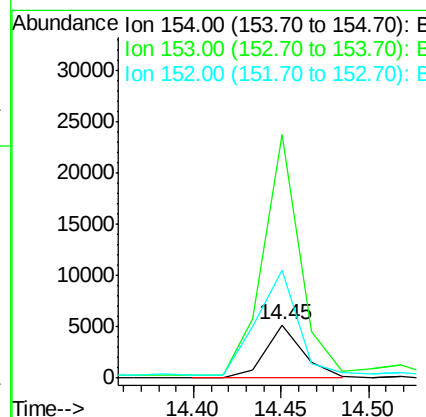
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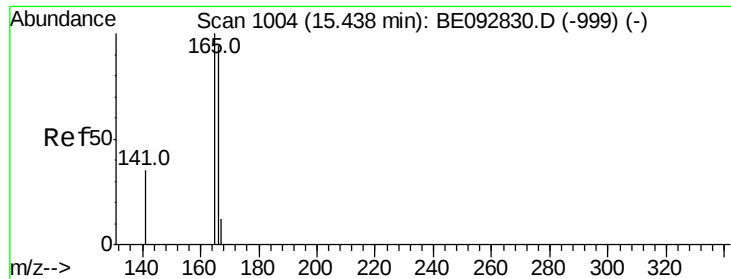
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#16
Acenaphthene
Concen: 1.41 ng
RT: 14.45 min Scan# 936
Delta R.T. -0.00 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	465.4	350.8	526.2
152	223.5	171.1	256.7





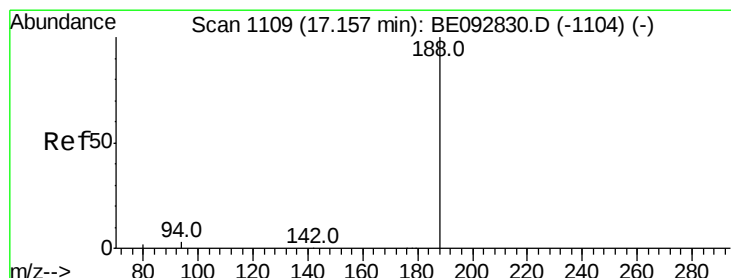
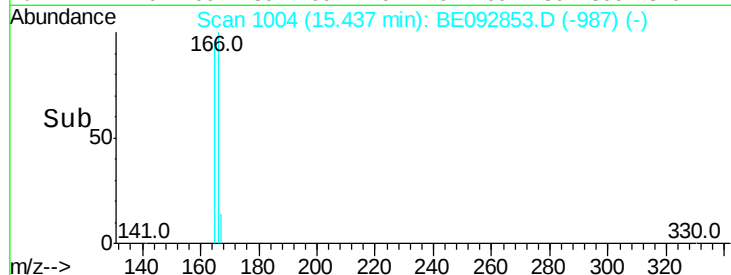
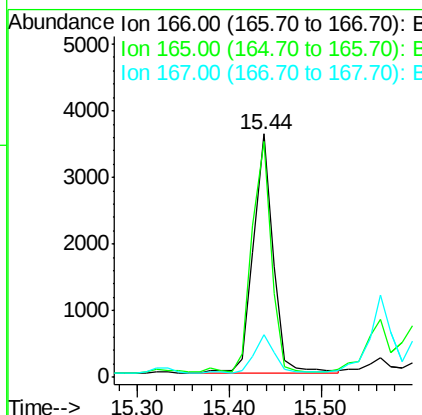
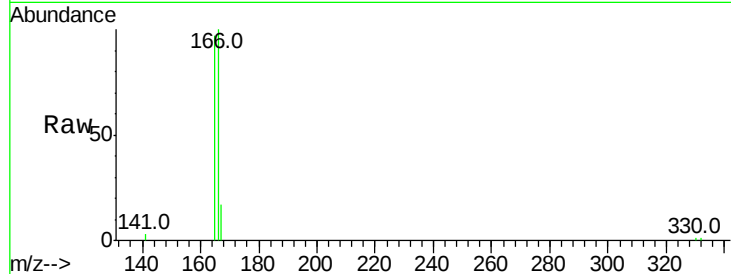
#17
Fluorene
Concen: 0.87 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Instrument :
BNA_E
ClientSampleId :
HHD-GW1

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.4	78.2	117.4
167	15.8	11.0	16.4

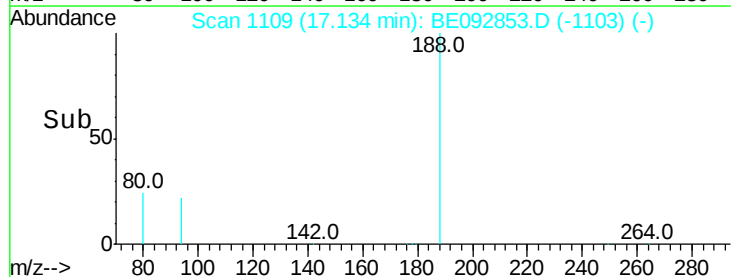
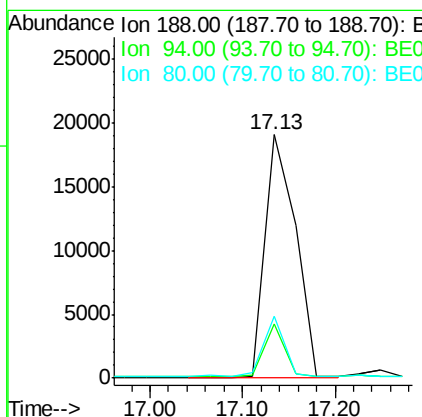
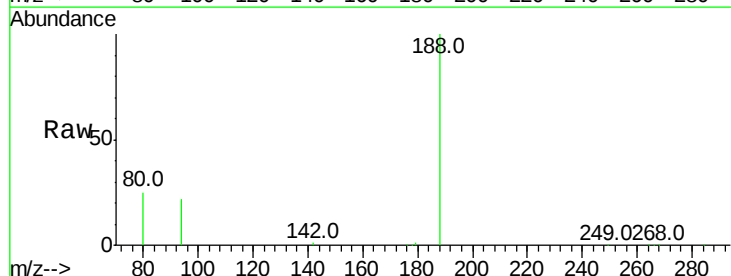
Manual Integrations
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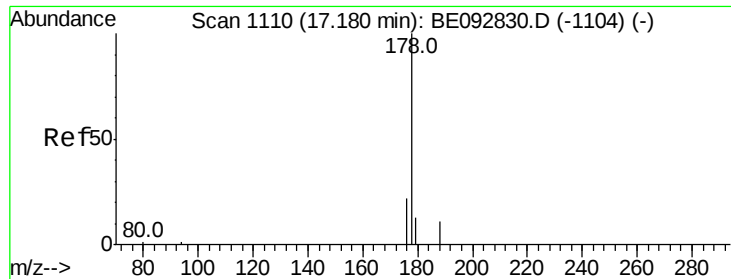
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	22.3	3.2	4.8#
80	25.2	2.6	3.8#





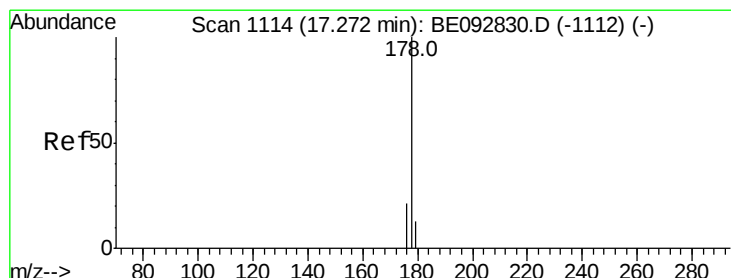
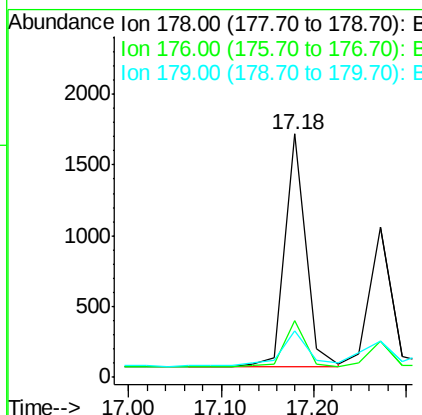
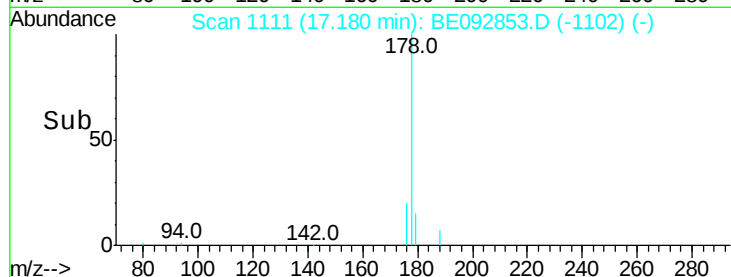
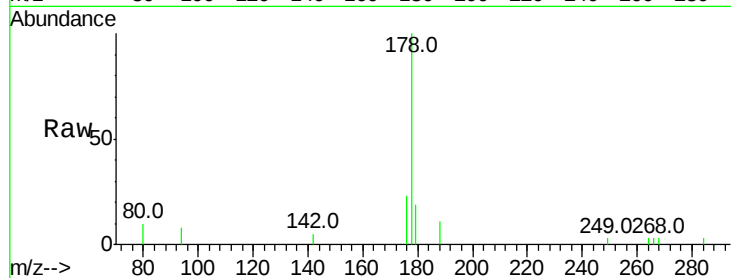
#21
Phenanthrene
Concen: 0.25 ng
RT: 17.18 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Instrument :
BNA_E
ClientSampleId :
HHD-GW1

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	20.3	16.0	24.0

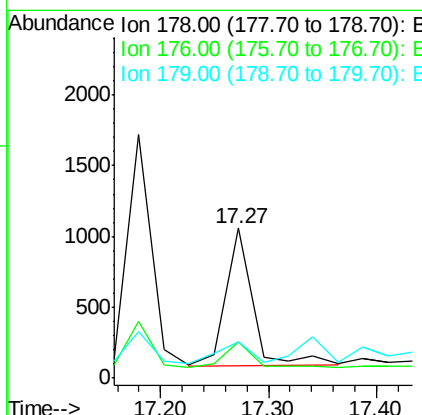
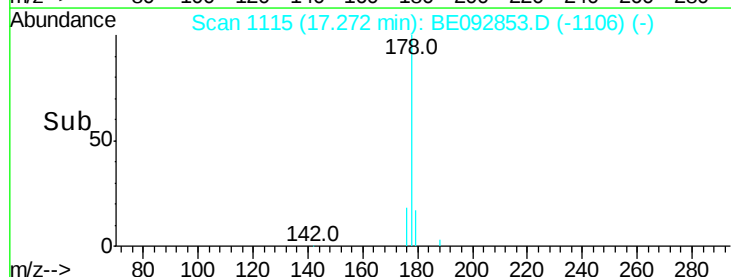
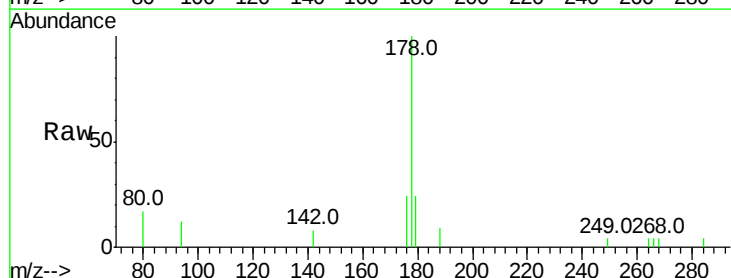
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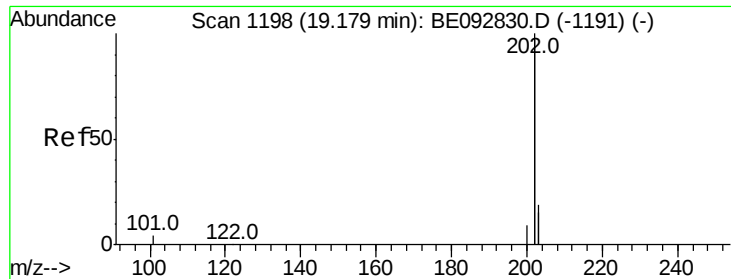
mohammad
3/29/2017 2:37:39 PM



#22
Anthracene
Concen: 0.17 ng
RT: 17.27 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.0	22.4
179	19.6	12.2	18.2





#23

Fluoranthene

Concen: 0.12 ng/ml

RT: 19.18 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Instrument :

BNA_E

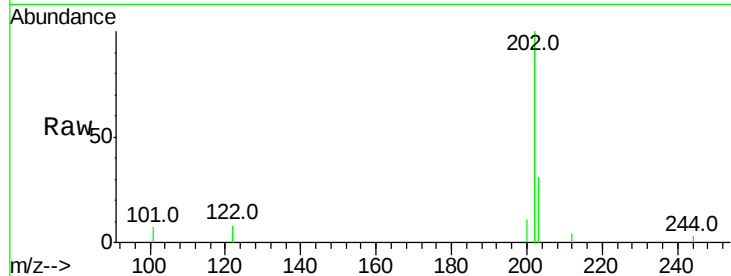
ClientSampleId :

HHD-GW1

Tot Ion	Ratio	Lower	Upper
202	100		
101	5.3	2.2	3.4#
203	23.5	13.7	20.5#

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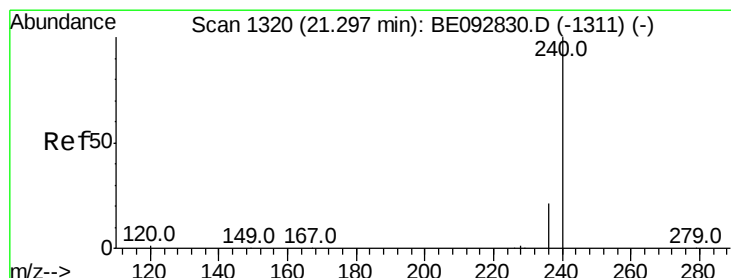
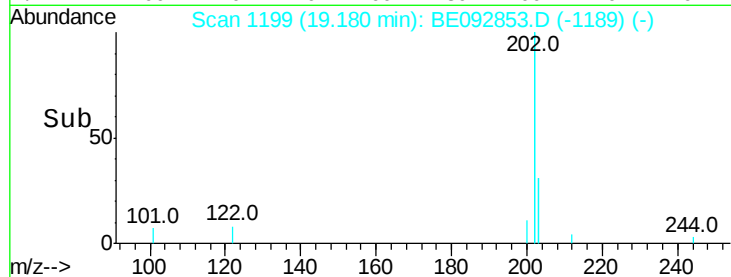
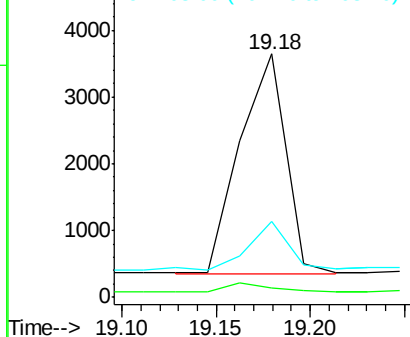


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

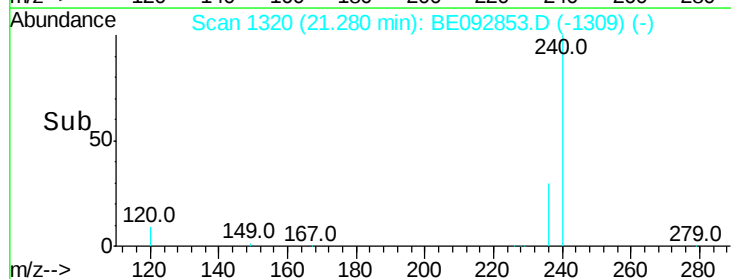
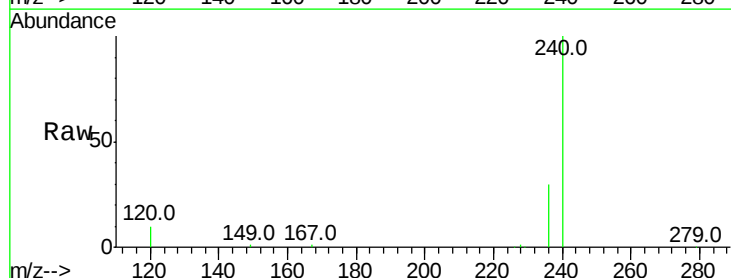
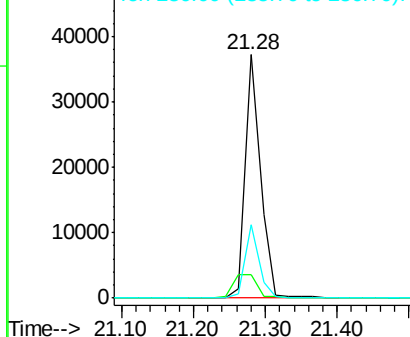
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	2.6	4.0#
236	30.3	24.6	37.0

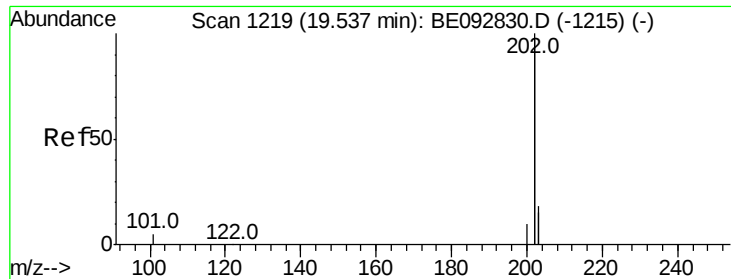
Abundance

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





#25

Pvrene

Concen: 0.09 ng

RT: 19.54 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Instrument :

BNA_E

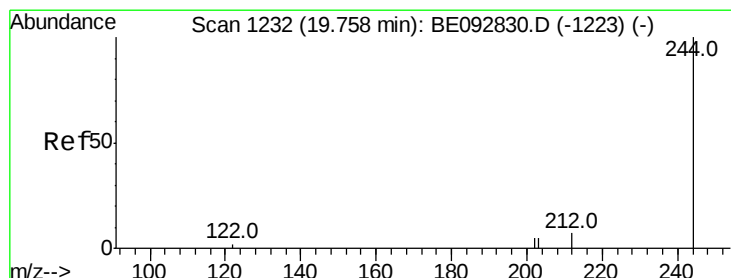
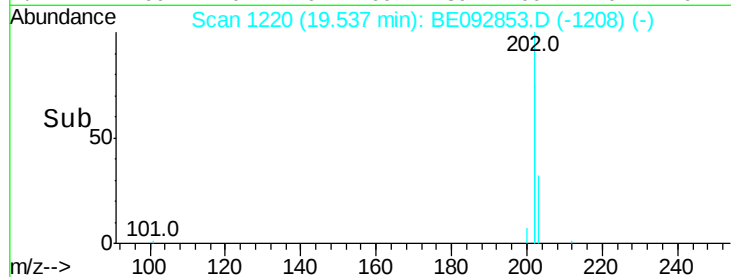
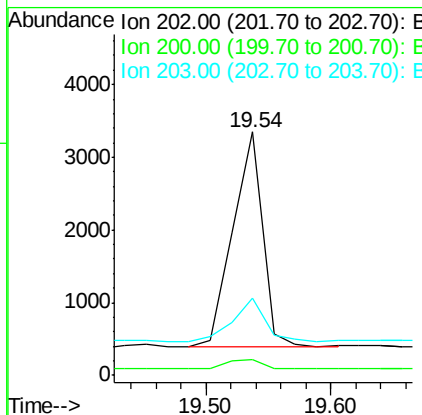
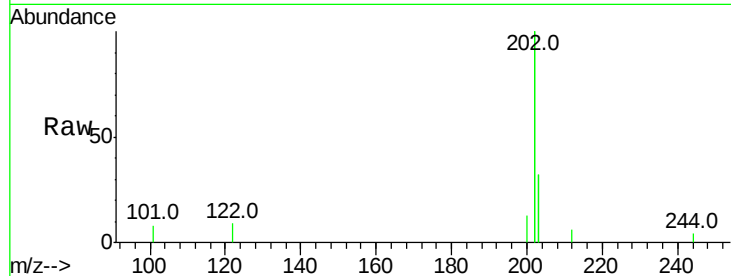
ClientSampleId :

HHD-GW1

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	22.2	13.9	20.9#

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#26

Terphenyl-d14

Concen: 4.21 ng

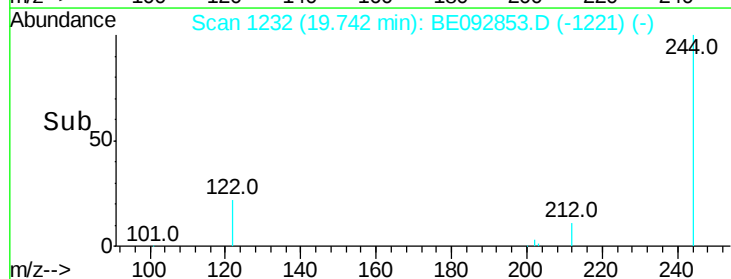
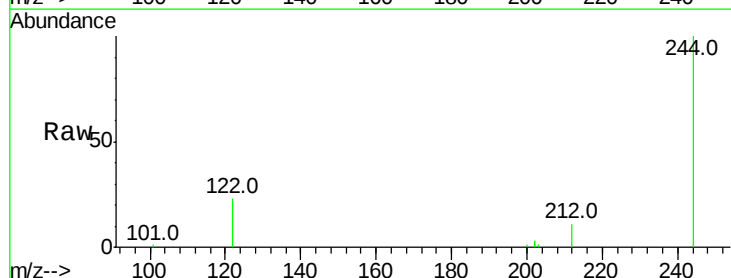
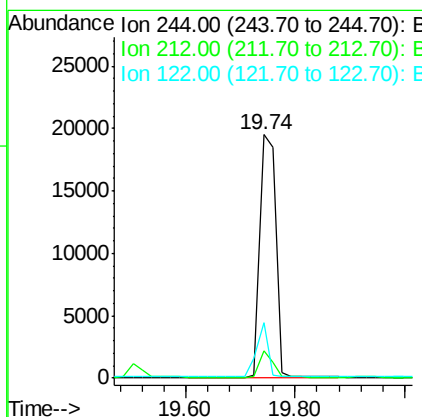
RT: 19.74 min Scan# 1232

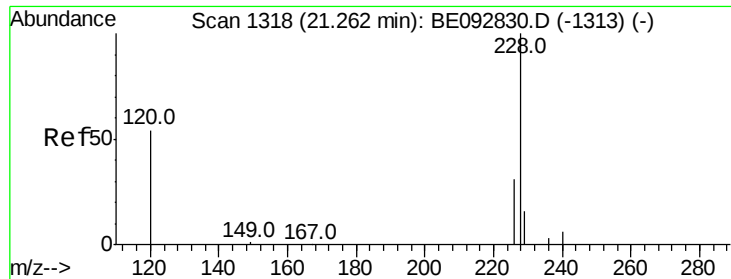
Delta R.T. -0.02 min

Lab File: BE092853.D

Acq: 29 Mar 2017 1:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.0	6.7	10.1#
122	22.9	3.6	5.4#





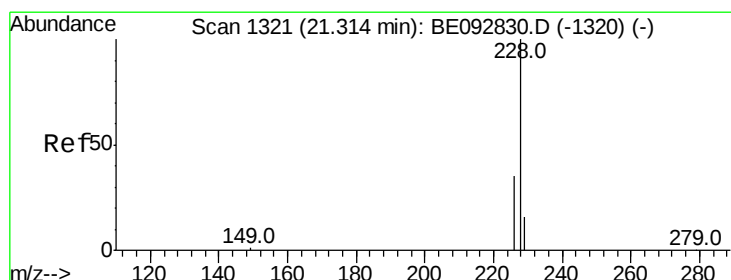
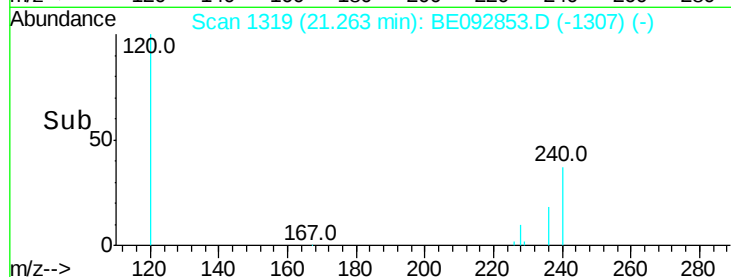
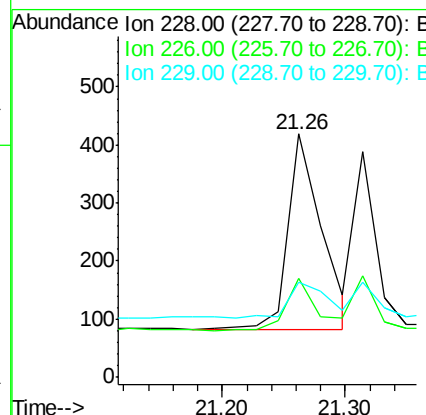
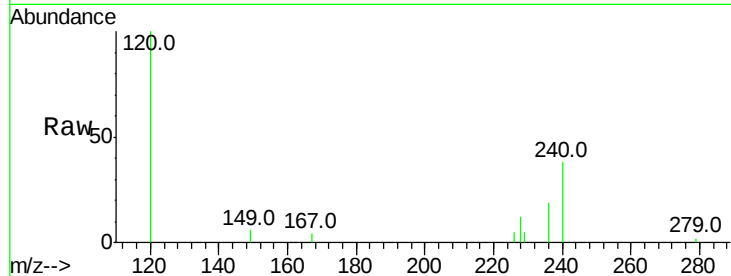
#27
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.26 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Instrument :
BNA_E
ClientSampleId :
HHD-GW1

Tot Ion	Ratio	Lower	Upper
228	100		
226	40.6	23.6	35.4#
229	39.1	13.3	19.9#

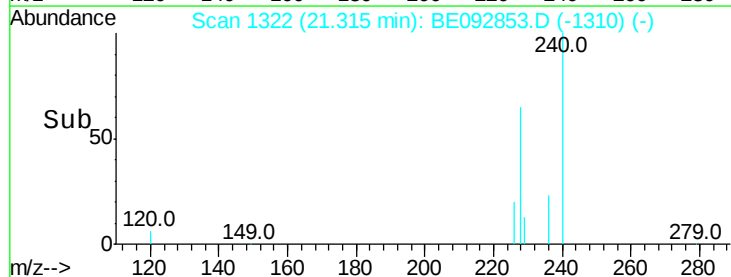
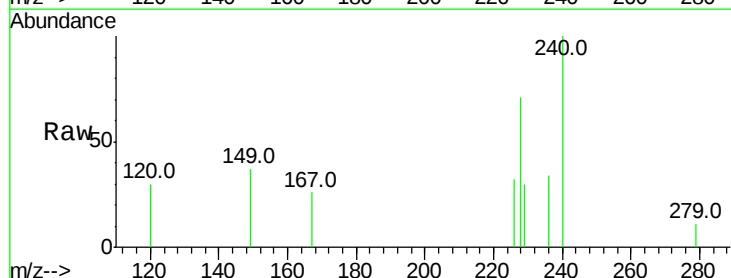
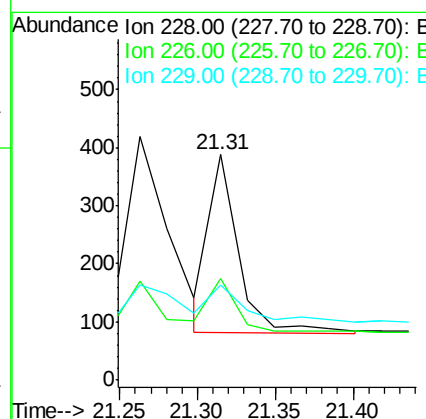
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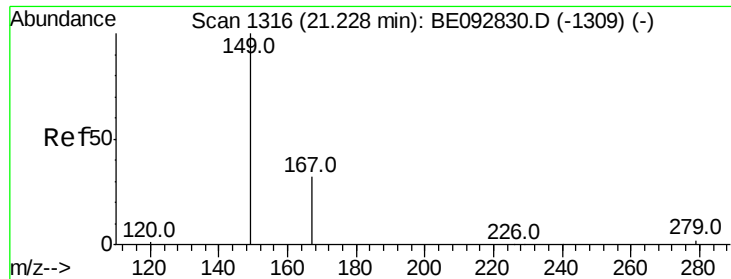
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#28
Chrysene
Concen: 0.03 ng m
RT: 21.31 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.1	36.3	54.5
229	42.0	10.6	16.0#





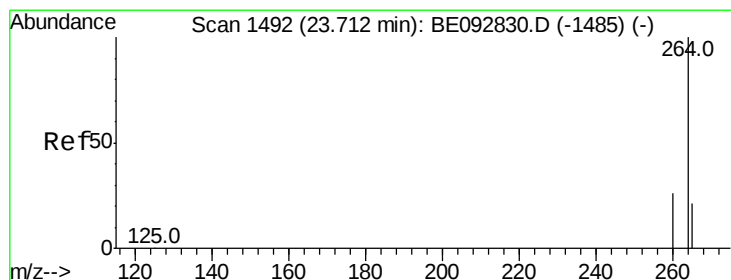
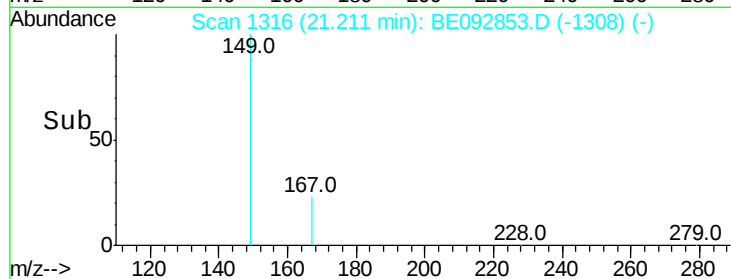
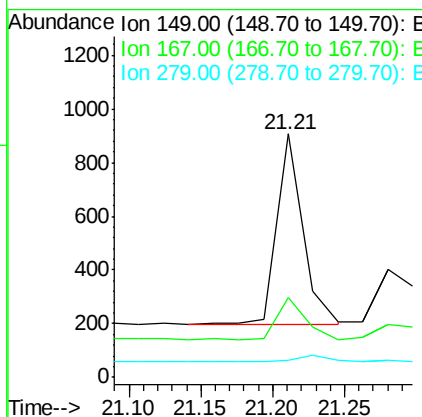
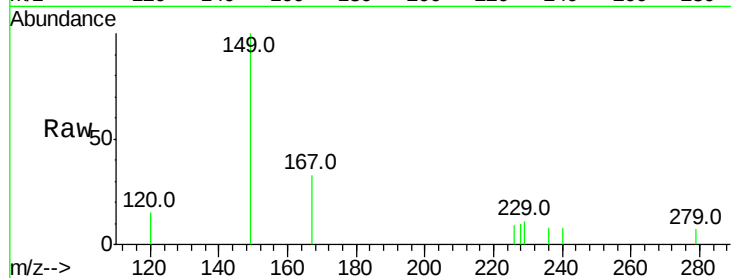
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.21 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Instrument :
BNA_E
ClientSampleId :
HHD-GW1

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.4	16.0	24.0#
279	4.3	16.0	24.0#

Manual Integrations
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#31
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE092853.D
Acq: 29 Mar 2017 1:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	22.8	17.9	26.9

