Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092854.D
Acq On : 29 Mar 2017 2:24
Operator : SJ/MA
Sample : I2421-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
HHD-GW2

Manual Integrations APPROVED
mohammad
3/29/2017 2:37:42 PM

Quant Time: Mar 29 11:59:42 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	7.80	152	9248	5.00	ng		0.00
7) Naphthalene-d8	10.54	136	38659	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	17735	5.00	ng		0.00
18) Phenanthrene-d10	17.13	188	35232	5.00	ng		-0.02
24) Chrysene-d12	21.28	240	34947	5.00	ng		-0.02
31) Perylene-d12	23.70	264	29410	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	3673	1.71	ng		0.00
5) Phenol-d6	6.94	99	3889	1.23	ng		0.00
8) Nitrobenzene-d5	8.93	82	9574	4.31	ng		0.00
13) 2,4,6-Tribromophenol	15.88	330	588	2.12	ng		0.00
14) 2-Fluorobiphenyl	13.02	172	23628	4.04	ng		-0.01
26) Terphenyl-d14	19.74	244	22101	3.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	1647	1.33	ng	#	84
9) Naphthalene	10.58	128	3308	0.39	ng		98
11) 2-Methylnaphthalene	12.21	142	876	0.16	ng		95
16) Acenaphthene	14.45	154	2221	0.46	ng		83
17) Fluorene	15.44	166	726	0.13	ng	#	85
21) Phenanthrene	17.18	178	1978	0.23	ng		99
23) Fluoranthene	19.18	202	1331m	0.03	ng		
25) Pyrene	19.54	202	1668	0.05	ng	#	83
29) Bis(2-ethylhexyl)phthalate	21.21	149	440	0.20	ng	#	78

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

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Instrument :
BNA_E
ClientSampleId :
HHD-GW2

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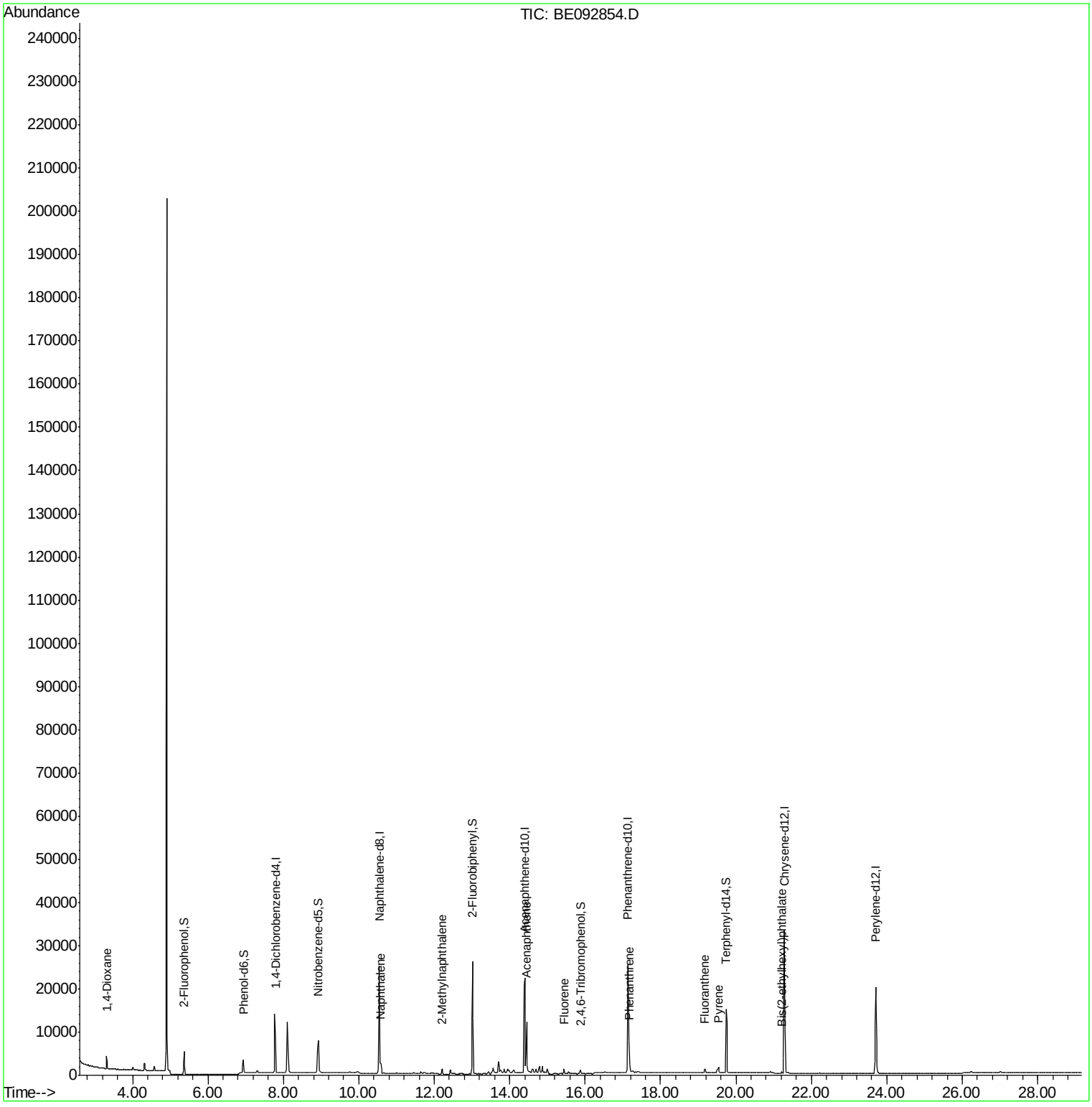
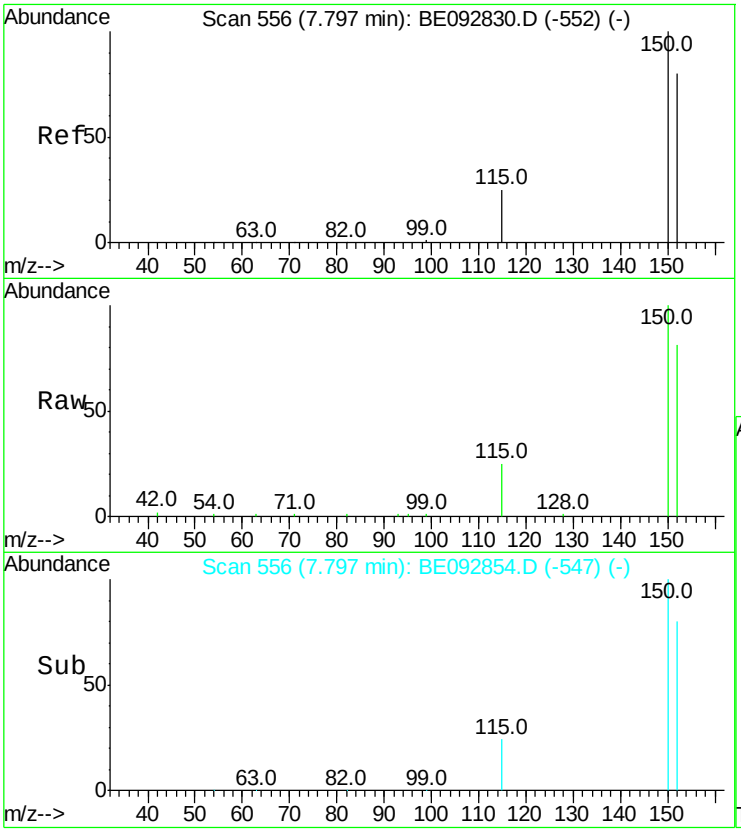
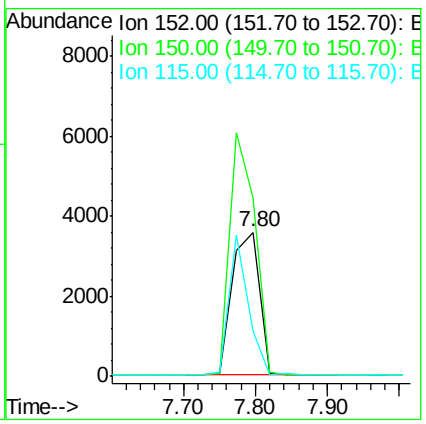




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 556
Delta R.T. -0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:152 Resp: 9248

Ion	Ratio	Lower	Upper
152	100		
150	124.2	106.0	159.0
115	31.3	31.2	46.8



Instrument :
BNA_E
ClientSampleId :
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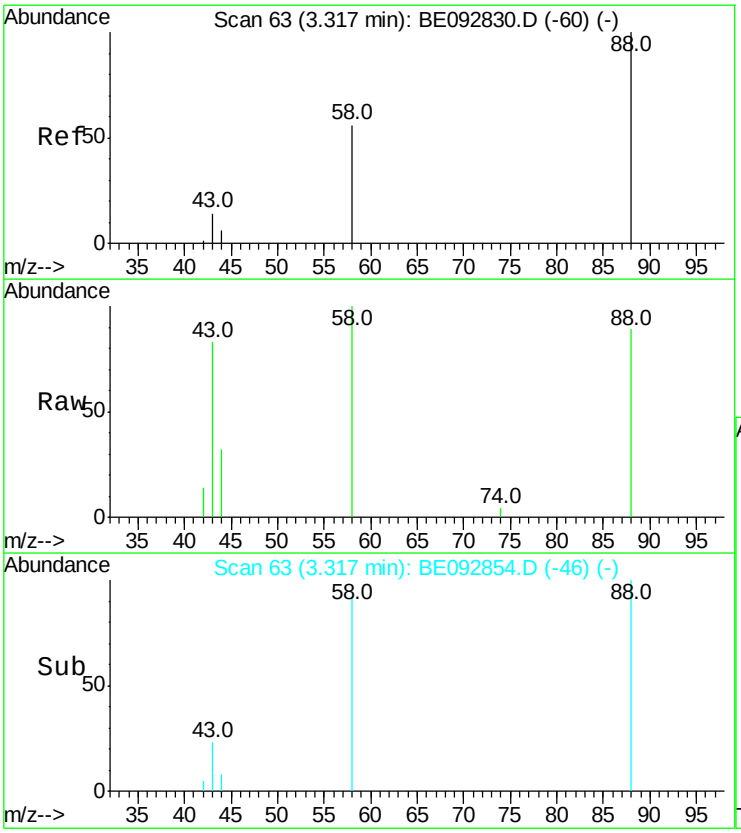
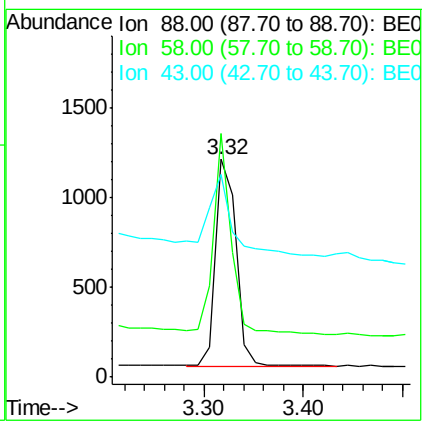
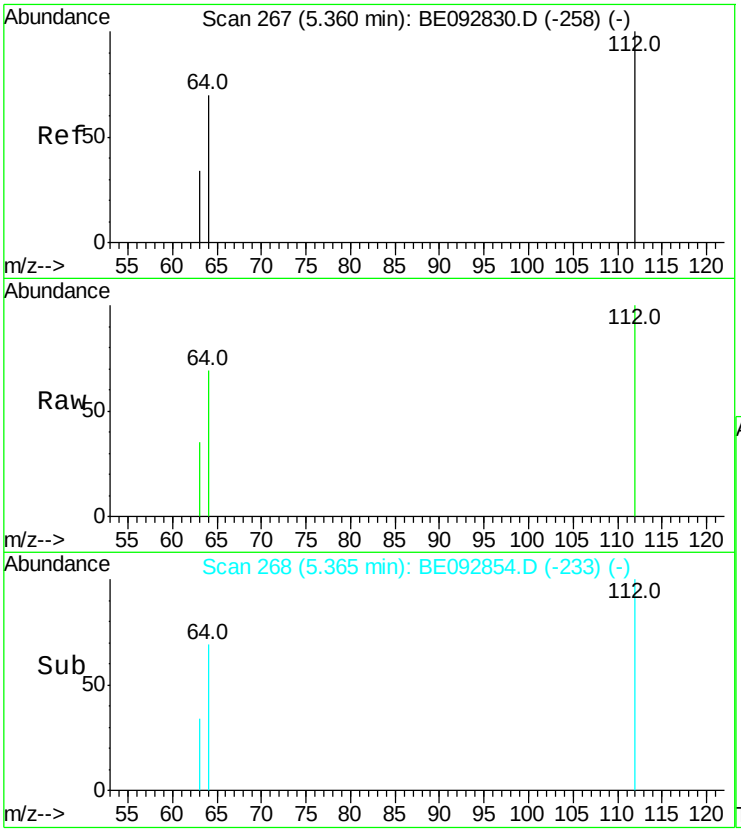


#2
1,4-Dioxane
Concen: 1.33 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion: 88 Resp: 1647

Ion	Ratio	Lower	Upper
88	100		
58	89.1	63.6	95.4
43	50.6	28.0	42.0#

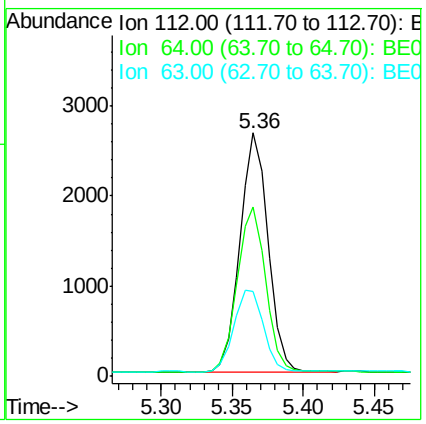




#4
2-Fluorophenol
Concen: 1.71 ng
RT: 5.36 min Scan# 268
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:112 Resp: 3673

Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.5	80.3
63	35.4	27.9	41.9



Instrument :
BNA_E
ClientSampleId :
HHD-GW2

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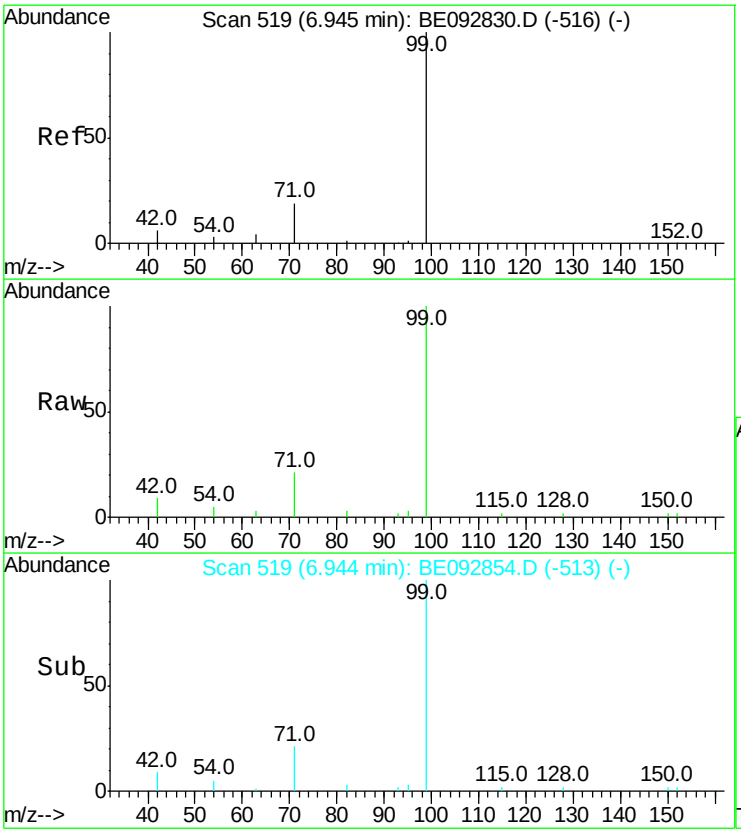
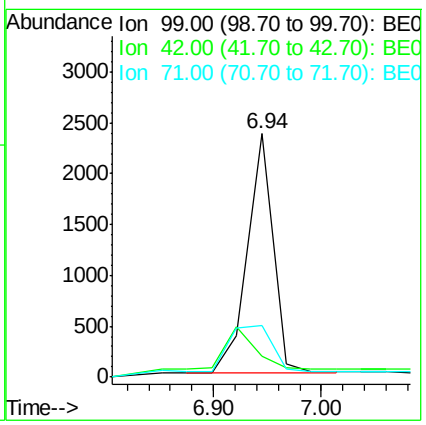
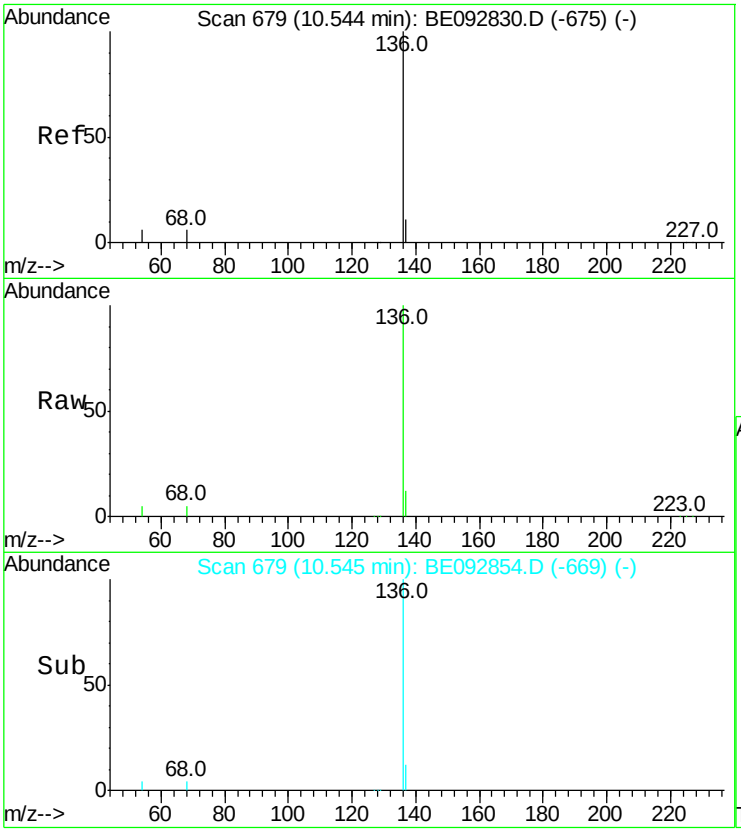


#5
Phenol-d6
Concen: 1.23 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion: 99 Resp: 3889

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.9	30.6	45.8

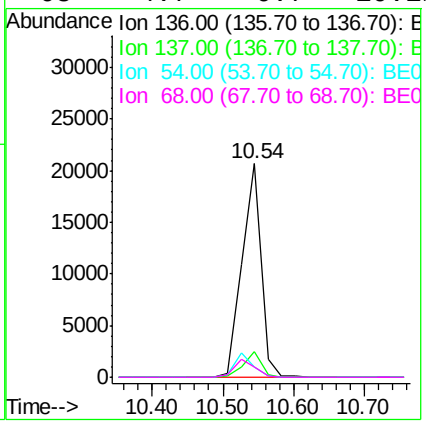




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:136 Resp: 38659

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	4.6	9.6	14.4#
68	4.7	6.7	10.1#



Instrument :
BNA_E
ClientSampleId :
HHD-GW2

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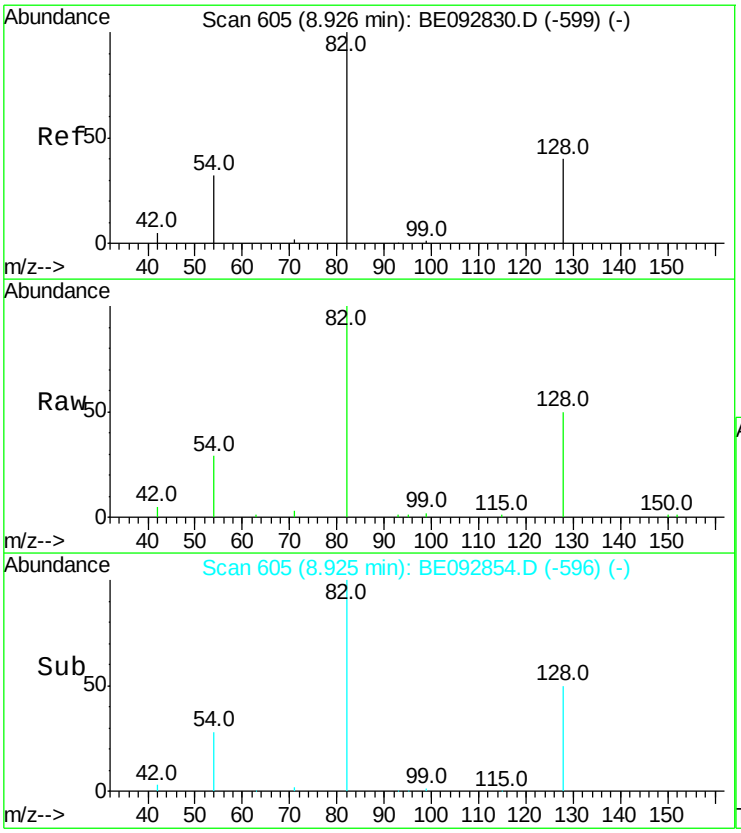
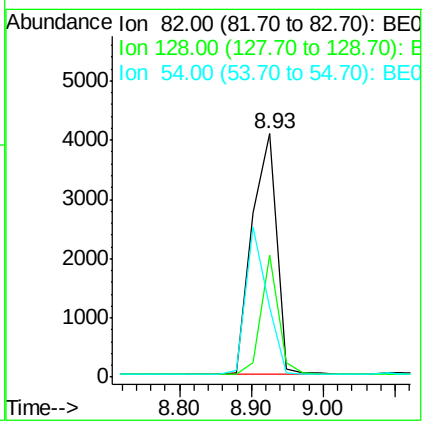
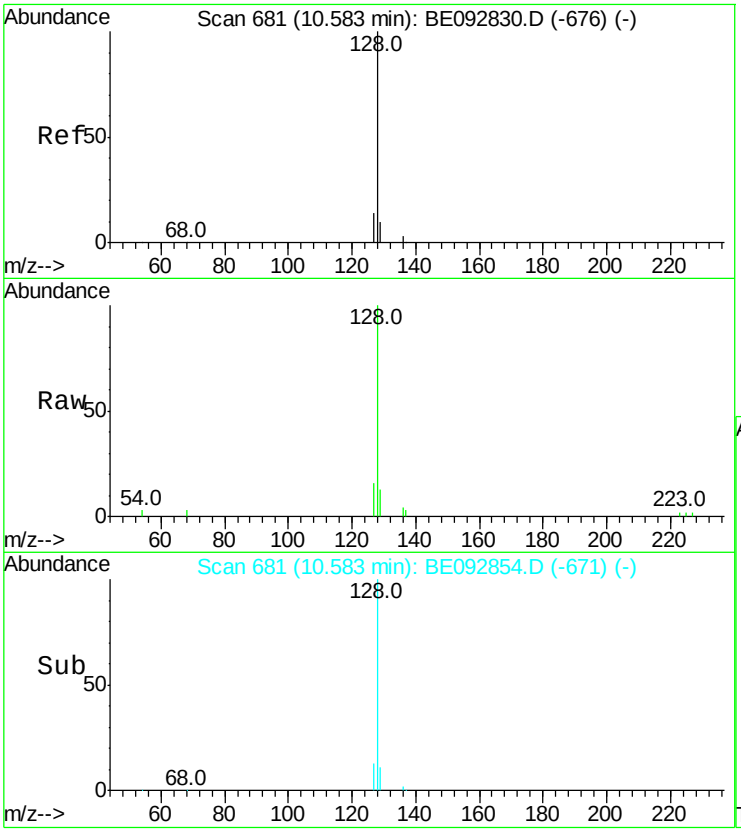


#8
Nitrobenzene-d5
Concen: 4.31 ng
RT: 8.93 min Scan# 605
Delta R.T. -0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion: 82 Resp: 9574

Ion	Ratio	Lower	Upper
82	100		
128	50.2	39.0	58.4
54	28.8	44.8	67.2#

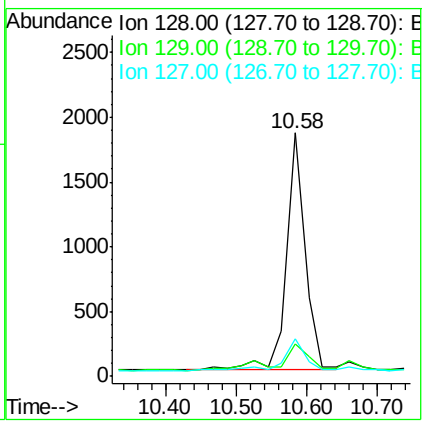




#9
Naphthalene
Concen: 0.39 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:128 Resp: 3308

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.2	16.8
127	15.5	11.6	17.4



Instrument :
BNA_E
ClientSampleId :
HHD-GW2

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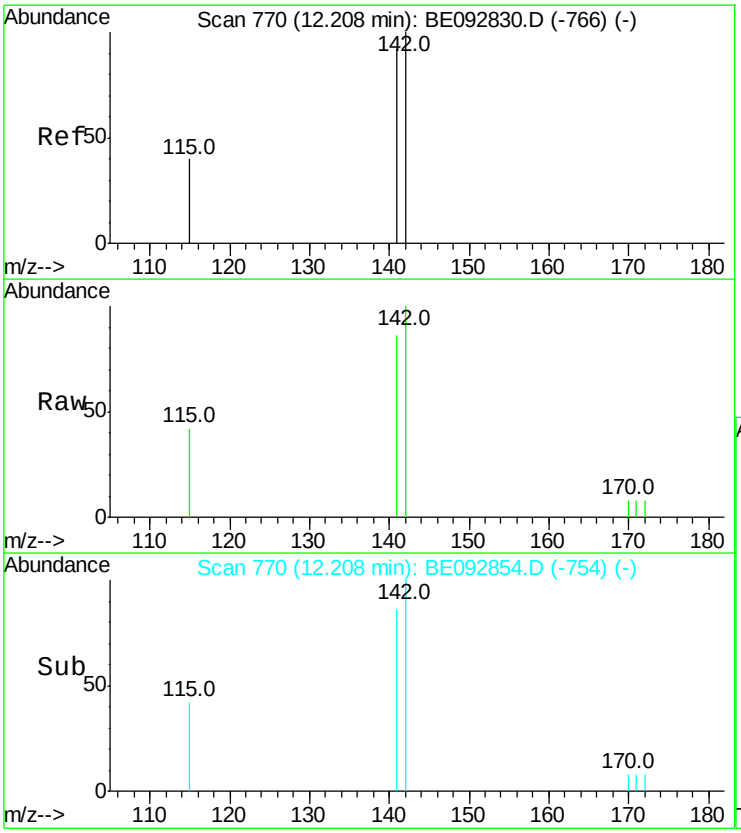
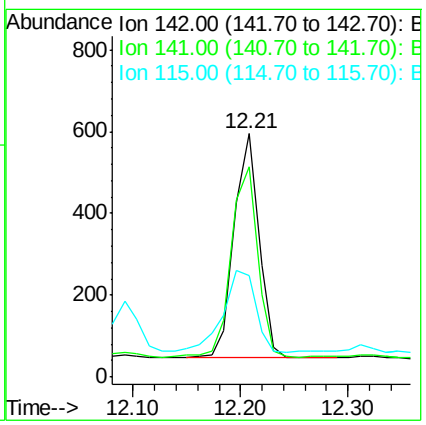
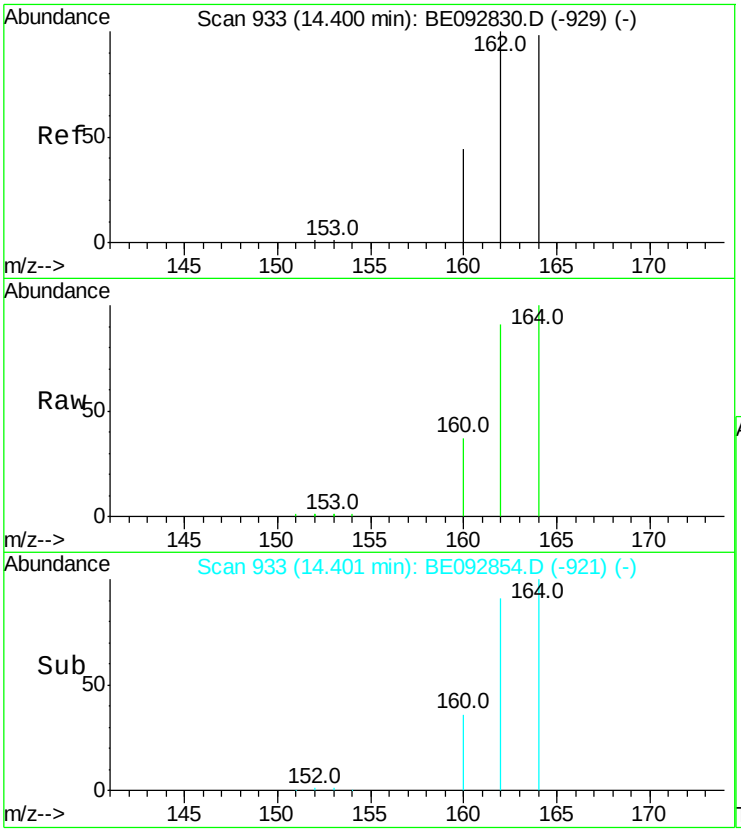


#11
2-Methylnaphthalene
Concen: 0.16 ng
RT: 12.21 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:142 Resp: 876

Ion	Ratio	Lower	Upper
142	100		
141	86.2	73.7	110.5
115	41.5	34.0	51.0

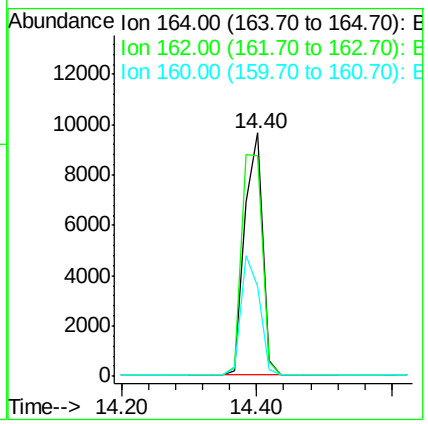




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:164 Resp: 17735

Ion	Ratio	Lower	Upper
164	100		
162	90.8	71.4	107.0
160	36.7	27.4	41.2



Instrument :
BNA_E
ClientSampleId :
HHD-GW2

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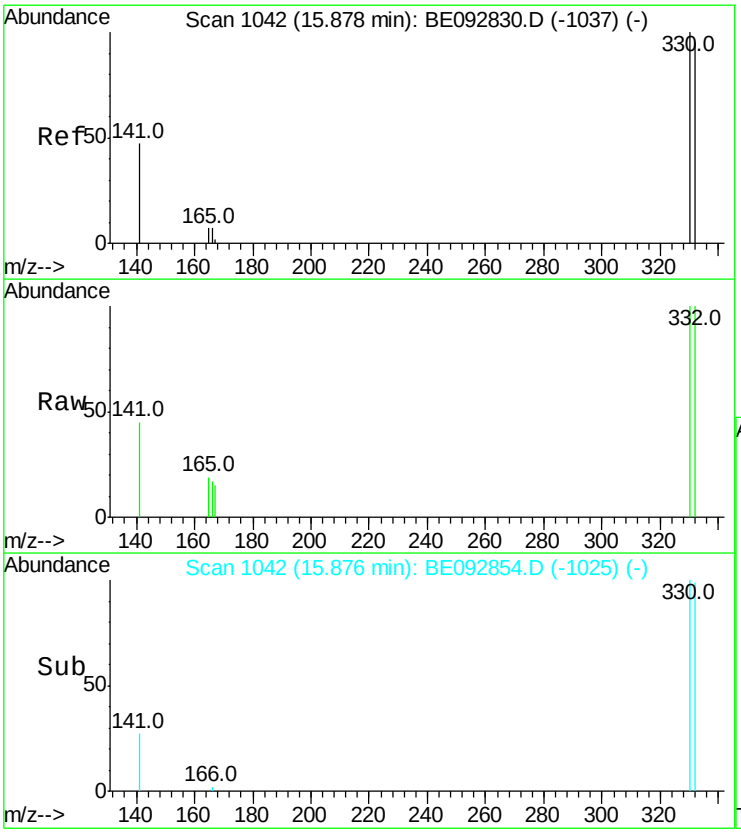
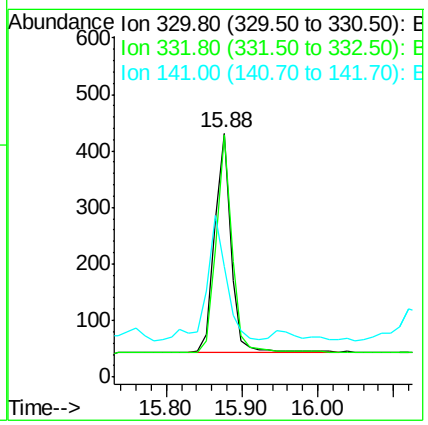
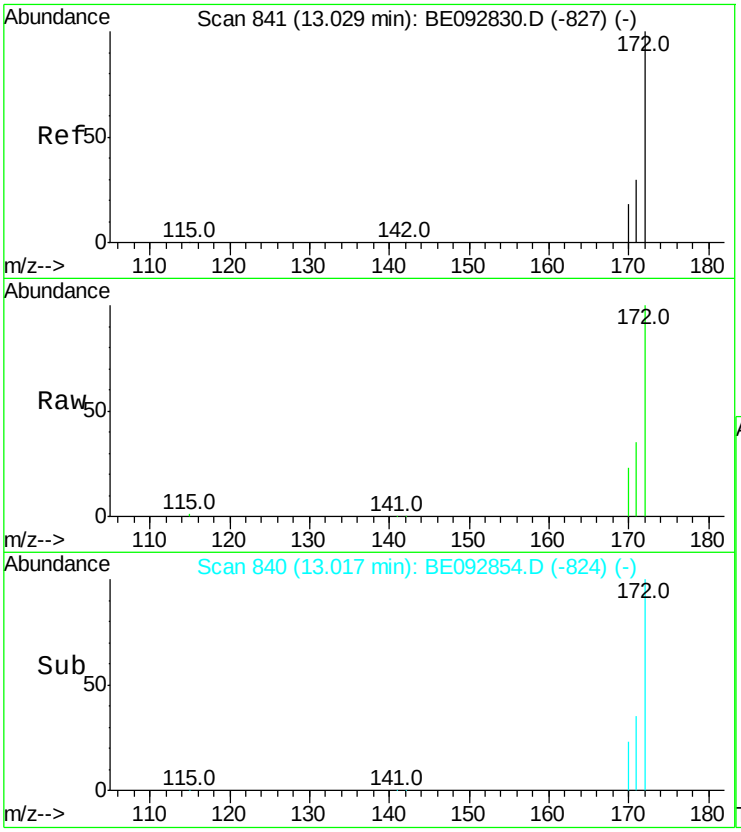


#13
2,4,6-Tribromophenol
Concen: 2.12 ng
RT: 15.88 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:330 Resp: 588

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.4	113.0
141	67.5	31.0	46.6#

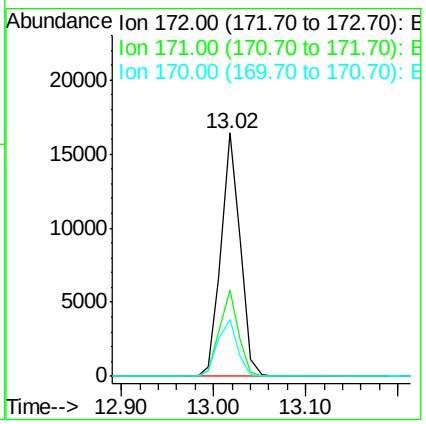




#14
2-Fluorobiphenyl
Concen: 4.04 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:172 Resp: 23628

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.1	45.1
170	23.5	21.8	32.6



Instrument :
BNA_E
ClientSampleId :
HHD-GW2

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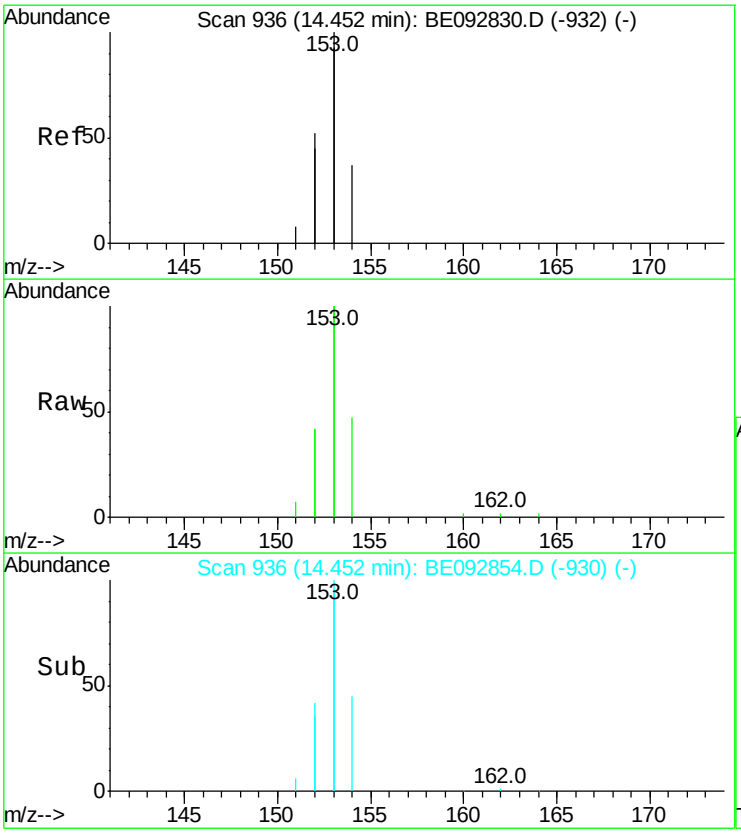
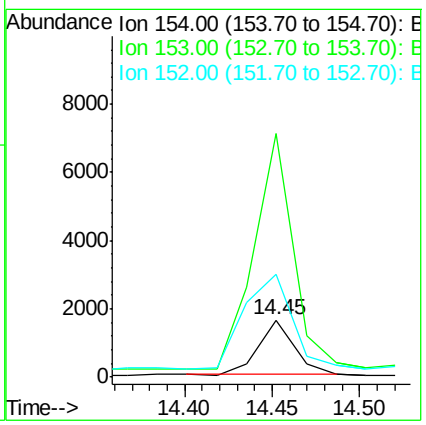
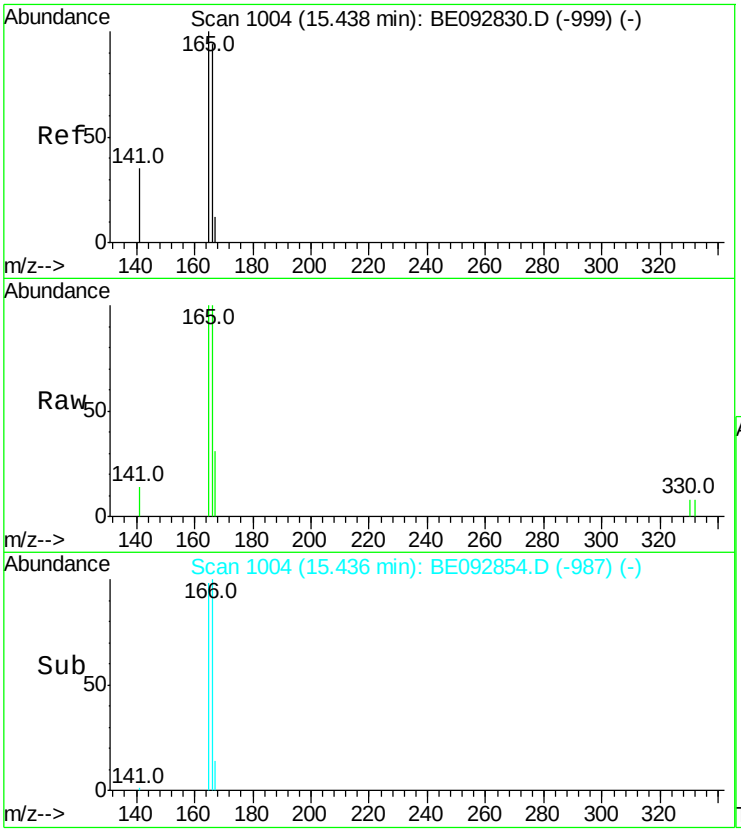


#16
Acenaphthene
Concen: 0.46 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:154 Resp: 2221

Ion	Ratio	Lower	Upper
154	100		
153	481.3	350.8	526.2
152	240.6	171.1	256.7





#17
Fluorene
Concen: 0.13 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:166 Resp: 726

Ion	Ratio	Lower	Upper
166	100		
165	111.3	78.2	117.4
167	23.7	11.0	16.4#

Instrument :
BNA_E
ClientSampleId :
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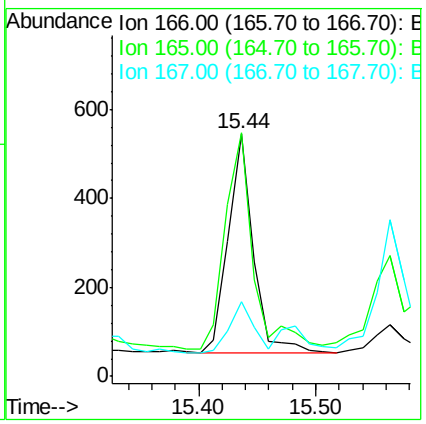
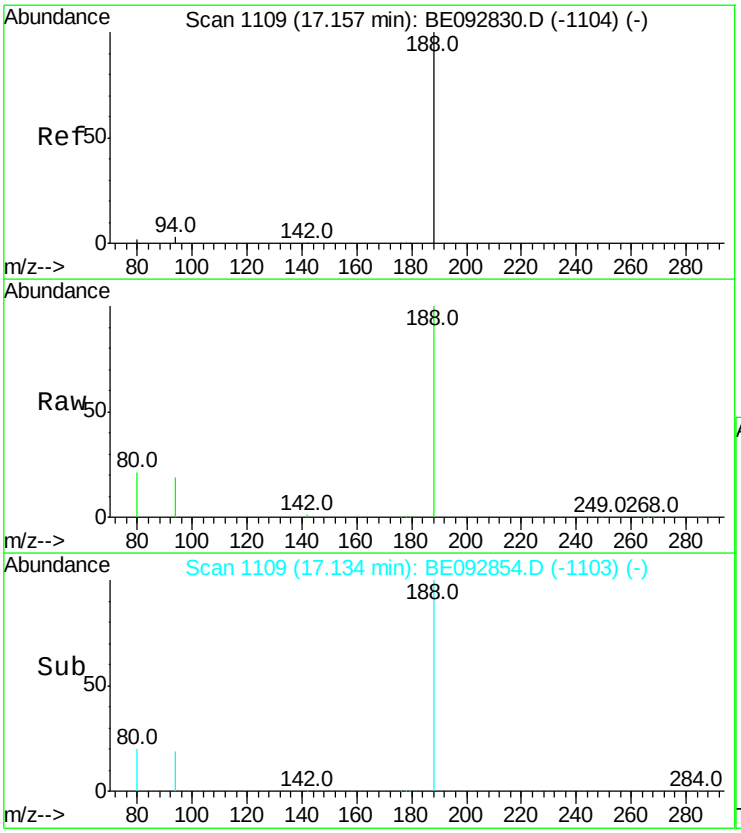
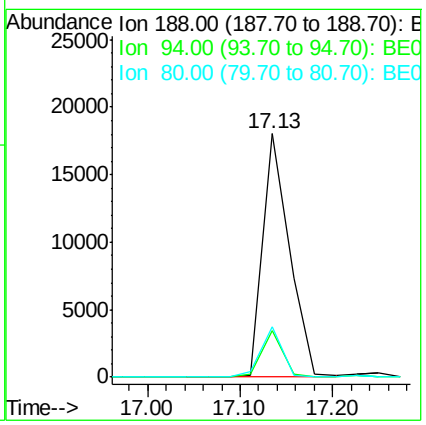


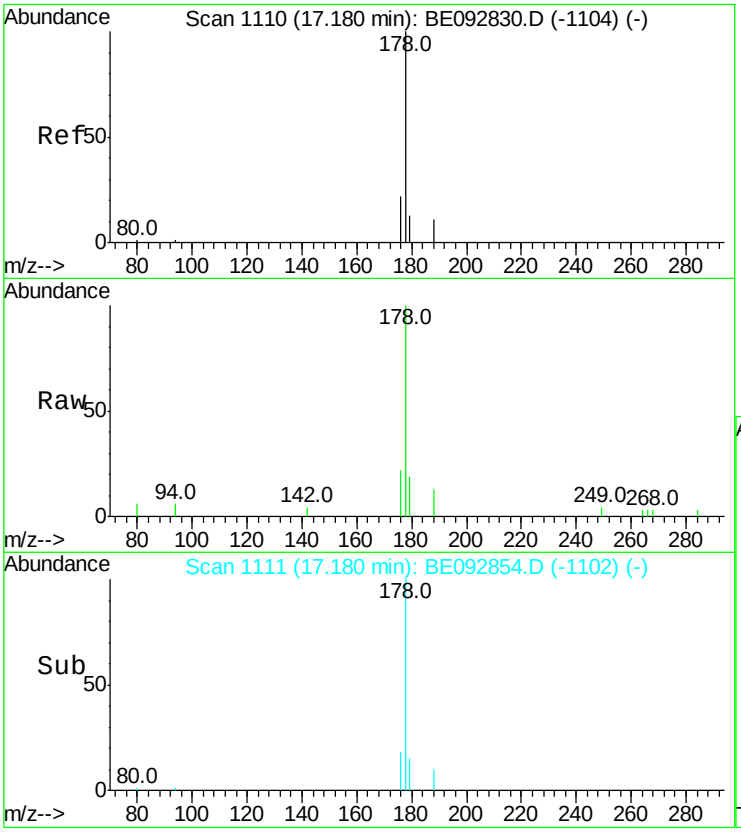


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:188 Resp: 35232

Ion	Ratio	Lower	Upper
188	100		
94	18.8	3.2	4.8#
80	20.5	2.6	3.8#

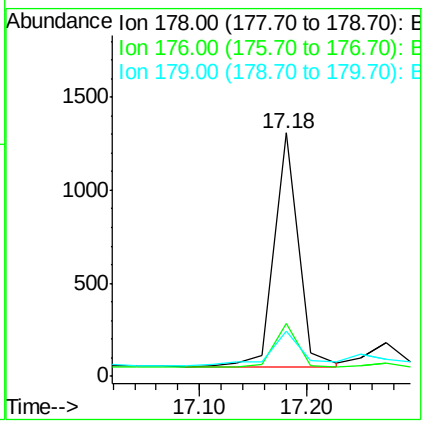




#21
Phenanthrene
Concen: 0.23 ng
RT: 17.18 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:178 Resp: 1978

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	20.1	16.0	24.0



Instrument :
BNA_E
ClientSampleId :
HHD-GW2

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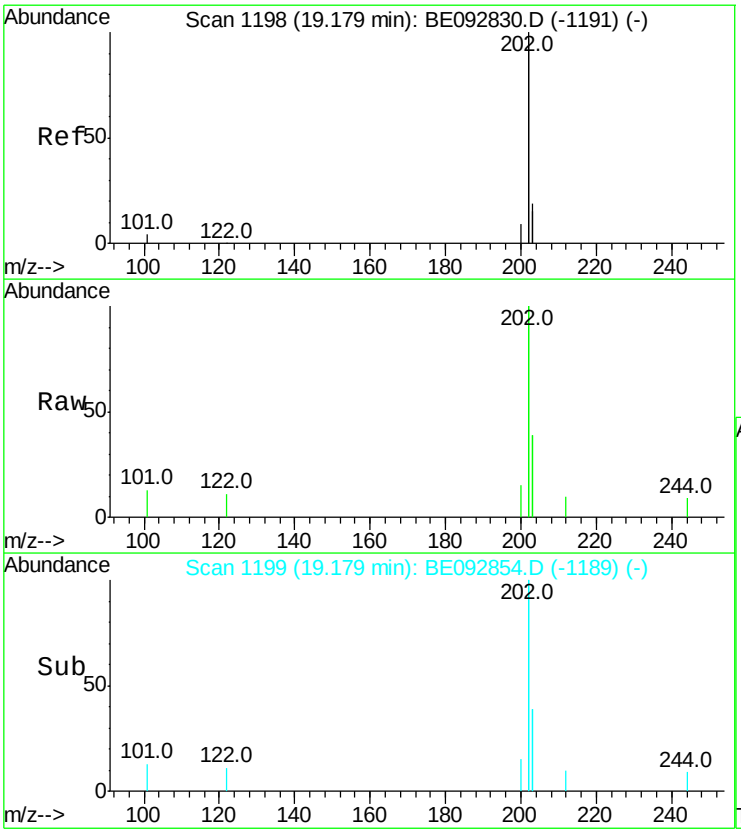
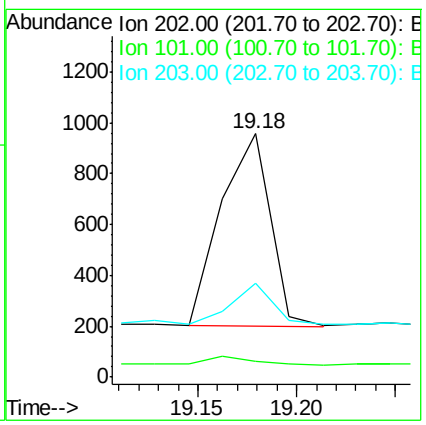
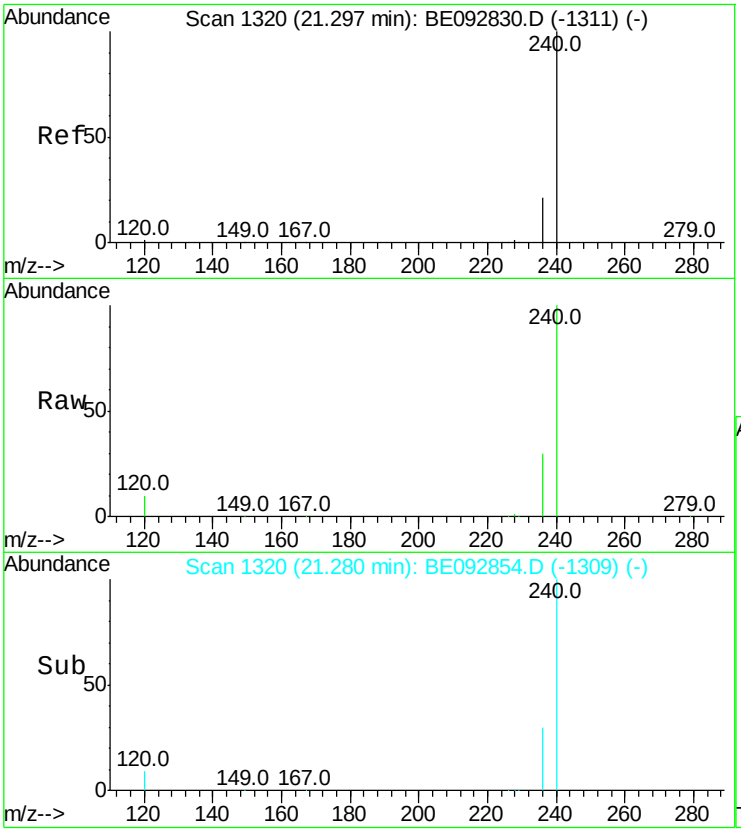


#23
Fluoranthene
Concen: 0.03 ng m
RT: 19.18 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:202 Resp: 1331

Ion	Ratio	Lower	Upper
202	100		
101	6.1	2.2	3.4#
203	34.0	13.7	20.5#





#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:240 Resp: 34947

Ion	Ratio	Lower	Upper
240	100		
120	9.5	2.6	4.0#
236	30.0	24.6	37.0

Instrument :
BNA_E
ClientSampleId :
HHD-GW2

Manual Integrations APPROVED
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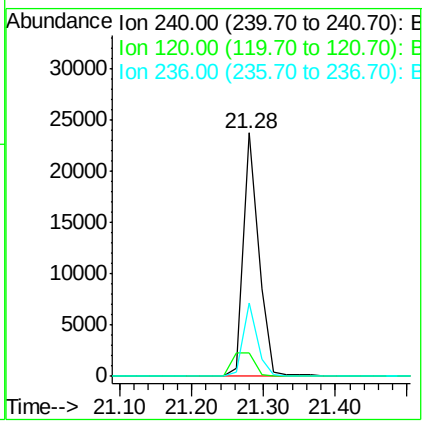
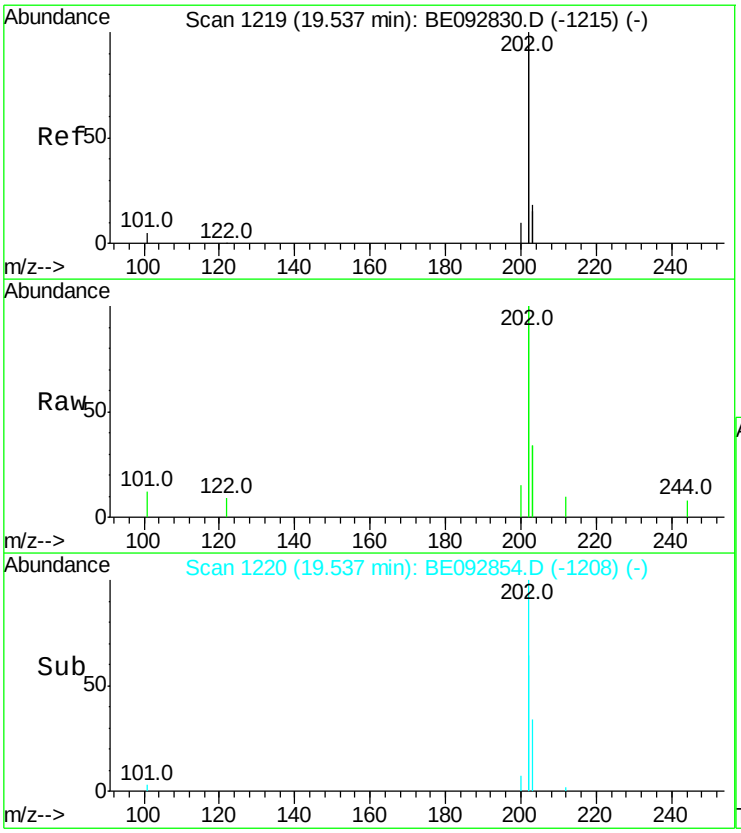
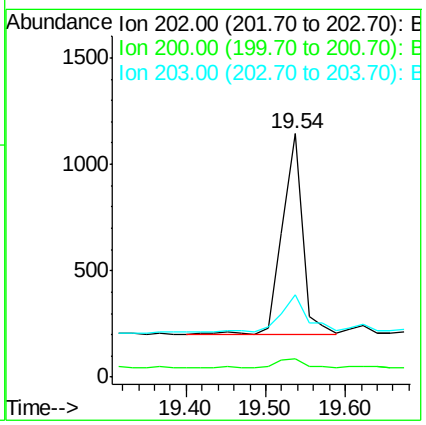


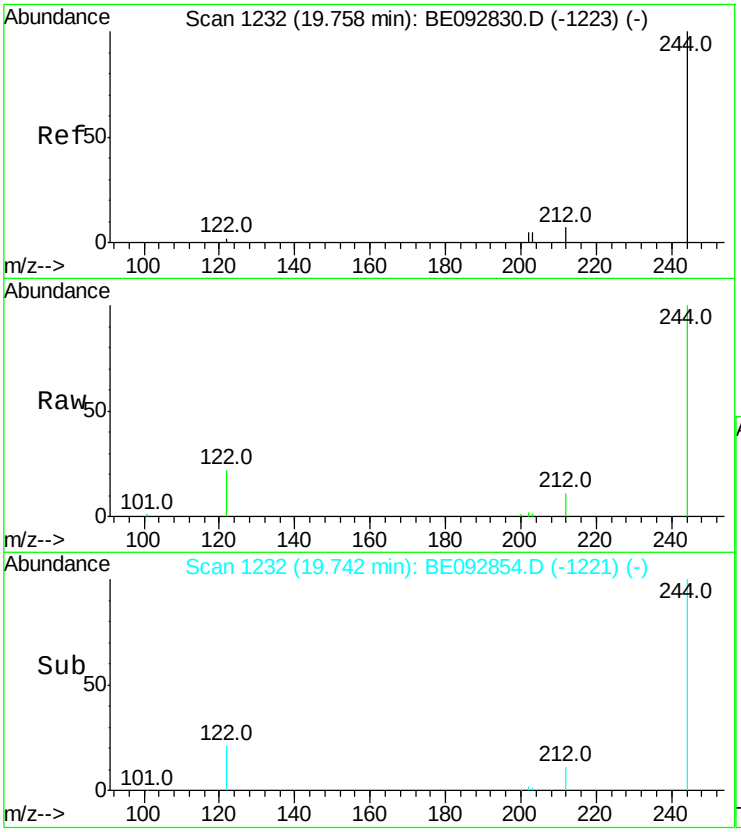


#25
Pyrene
Concen: 0.05 ng
RT: 19.54 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:202 Resp: 1668

Ion	Ratio	Lower	Upper
202	100		
200	4.9	4.2	6.4
203	26.7	13.9	20.9#





#26
Terphenyl-d14
Concen: 3.66 ng
RT: 19.74 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:244 Resp: 22101

Ion	Ratio	Lower	Upper
244	100		
212	11.3	6.7	10.1#
122	21.9	3.6	5.4#

Instrument :
BNA_E
ClientSampleId :
HHD-GW2

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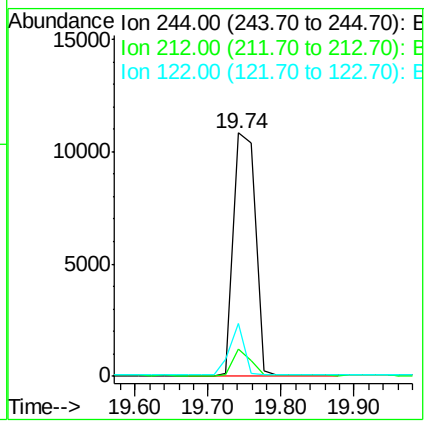
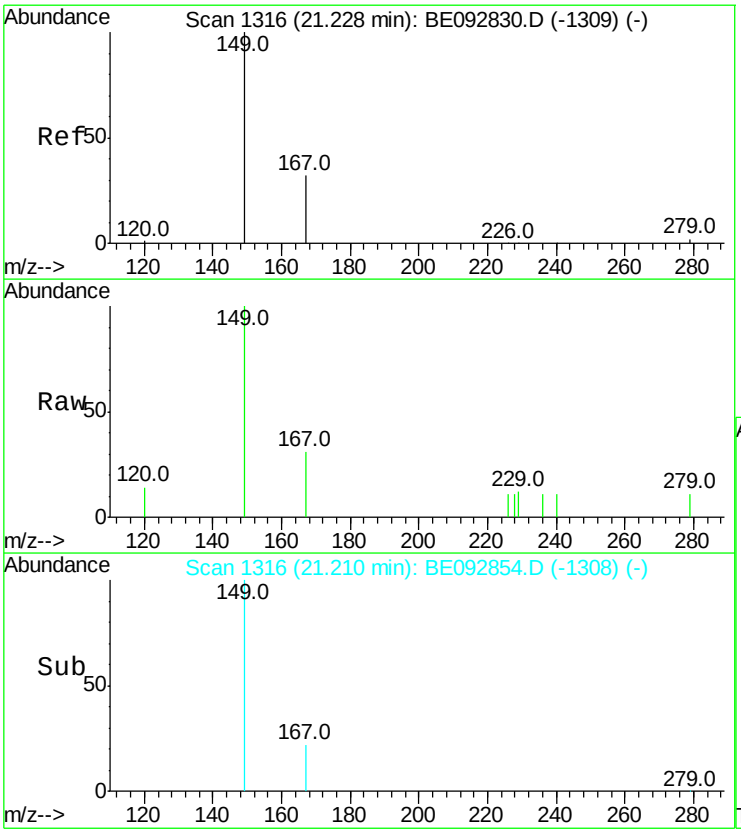
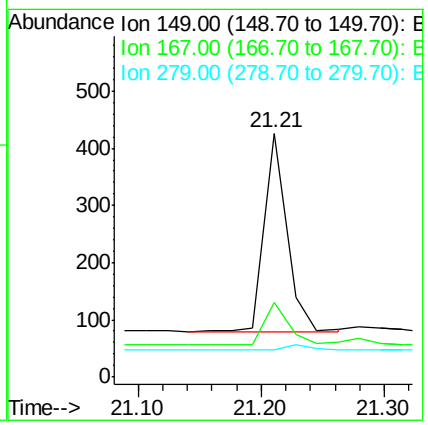


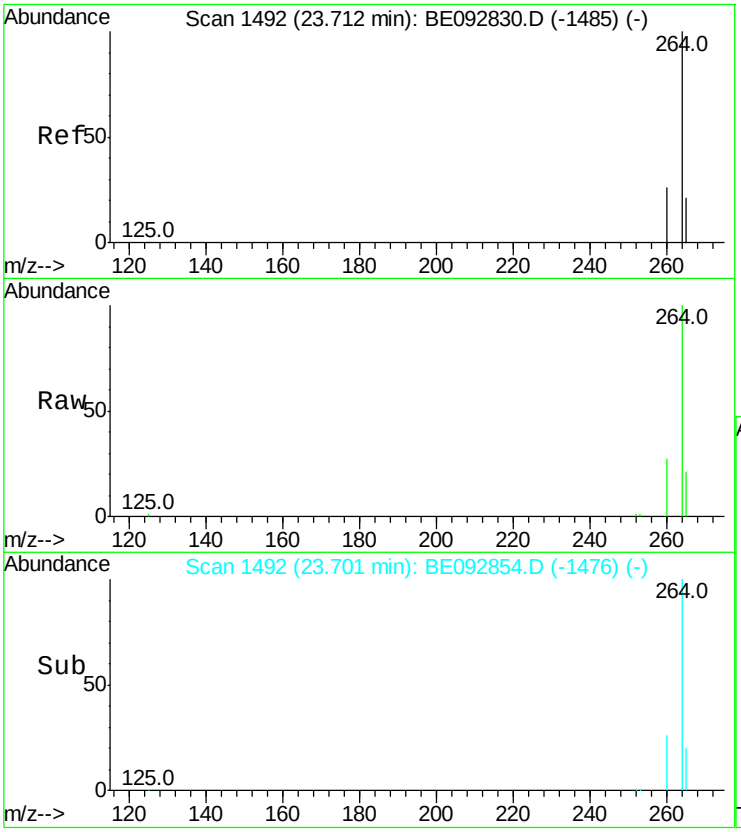


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.21 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:149 Resp: 440

Ion	Ratio	Lower	Upper
149	100		
167	23.6	16.0	24.0
279	3.4	16.0	24.0#

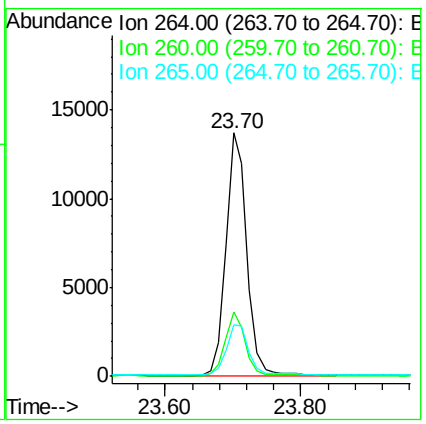




#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE092854.D
Acq: 29 Mar 2017 2:24

Tgt Ion:264 Resp: 29410

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.1	30.1
265	21.1	17.9	26.9



Instrument :
BNA_E
ClientSampleId :
HHD-GW2

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