Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
Data File : BE091779.D
Acq On : 16 May 2016 18:27
Operator : UM/SJ
Sample : H3026-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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Quant Time: May 17 04:34:40 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	7.80	152	60470	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	304573	5.00	ng		0.00
13) Acenaphthene-d10	14.41	164	185055	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	450937	5.00	ng		0.00
26) Chrysene-d12	21.31	240	444637	5.00	ng		0.00
35) Perylene-d12	23.74	264	462592	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	53717	3.62	ng		0.00
5) Phenol-d6	6.95	99	79792	4.05	ng		0.00
8) Nitrobenzene-d5	8.95	82	34383	1.75	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	22438	3.35	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	105866	2.02	ng		0.00
29) Terphenyl-d14	19.76	244	165510	2.39	ng		0.00
Target Compounds							Qvalue
22) Pentachlorophenol	16.79	266	1786	0.30	ng		92
23) Phenanthrene	17.18	178	2902	0.03	ng	#	81
25) Fluoranthene	19.19	202	2797	0.03	ng		97
28) Pyrene	19.55	202	3010	0.03	ng		96
30) Benzo(a)anthracene	21.29	228	2740m	0.03	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	6608	0.20	ng	#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
Data File : BE091779.D
Acq On : 16 May 2016 18:27
Operator : UM/SJ
Sample : H3026-01
Misc :
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Quant Time: May 17 04:34:40 2016
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QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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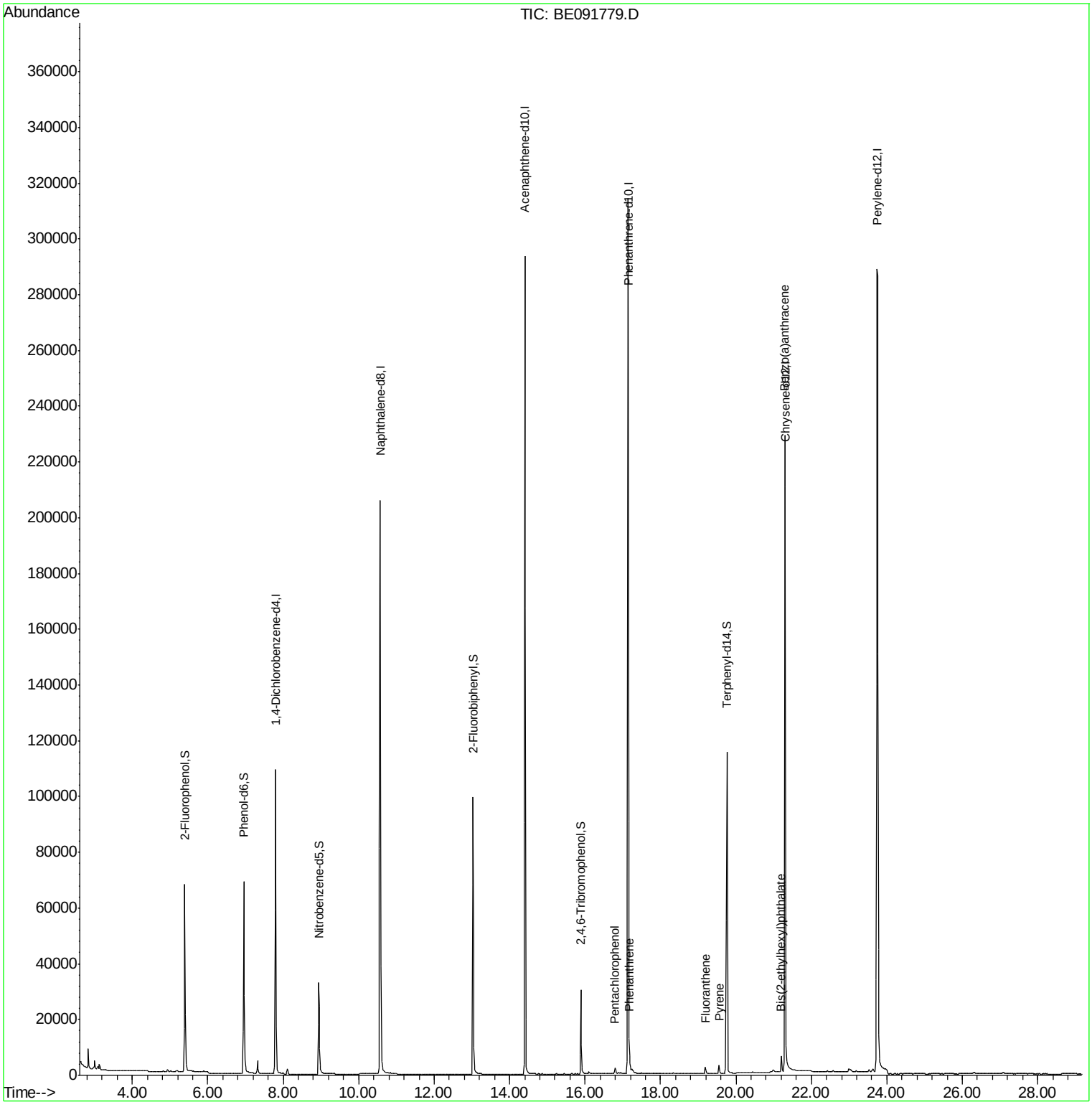
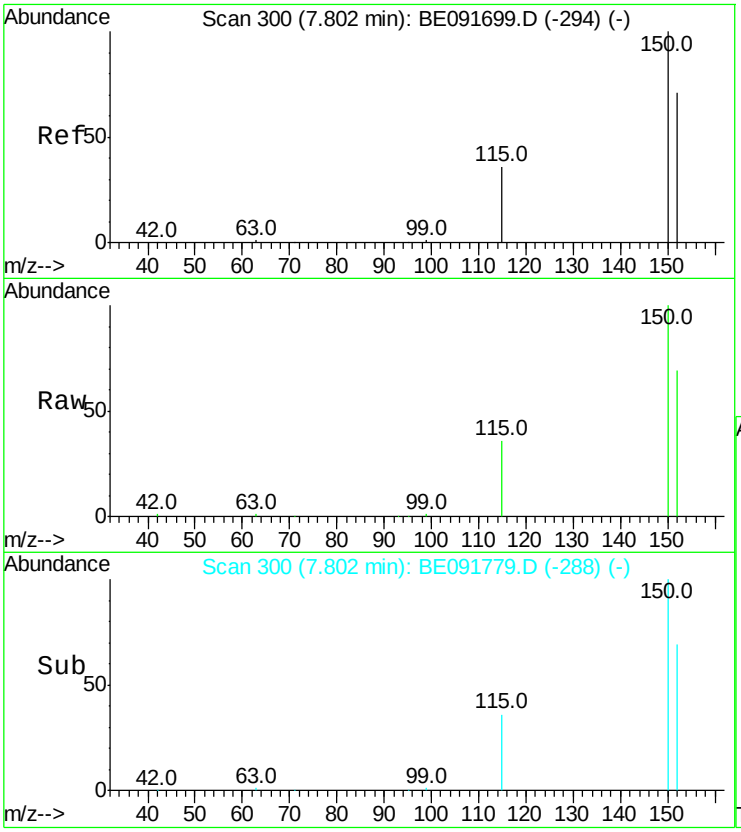
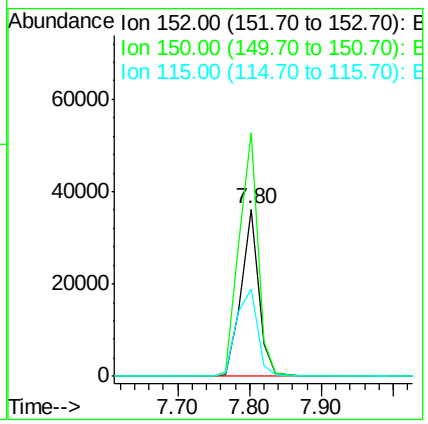




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:152 Resp: 60470

Ion	Ratio	Lower	Upper
152	100		
150	145.6	122.6	183.8
115	52.7	52.8	79.2#



Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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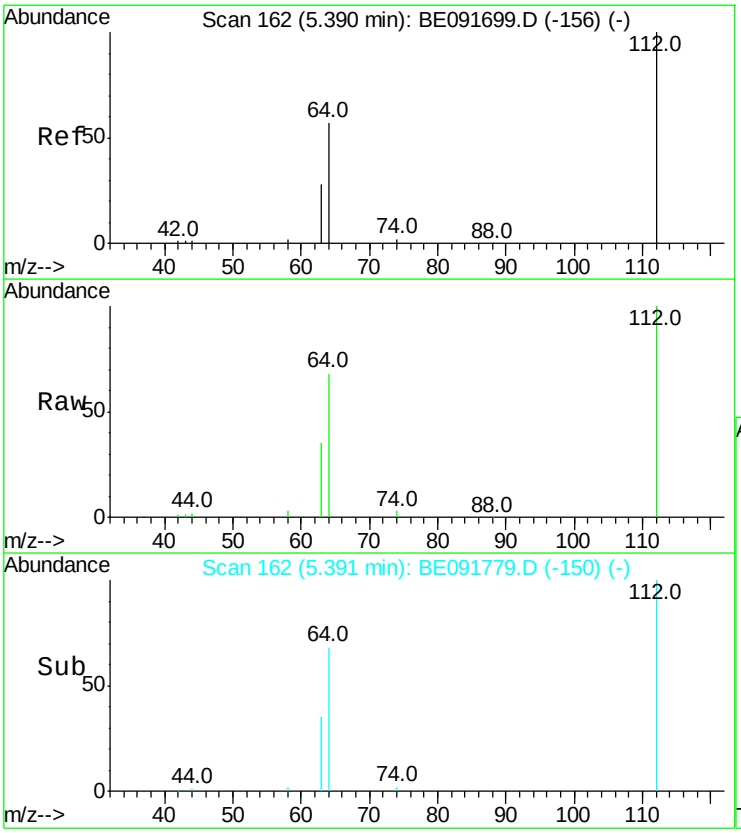
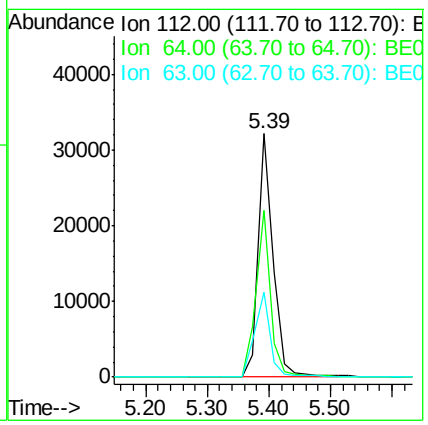
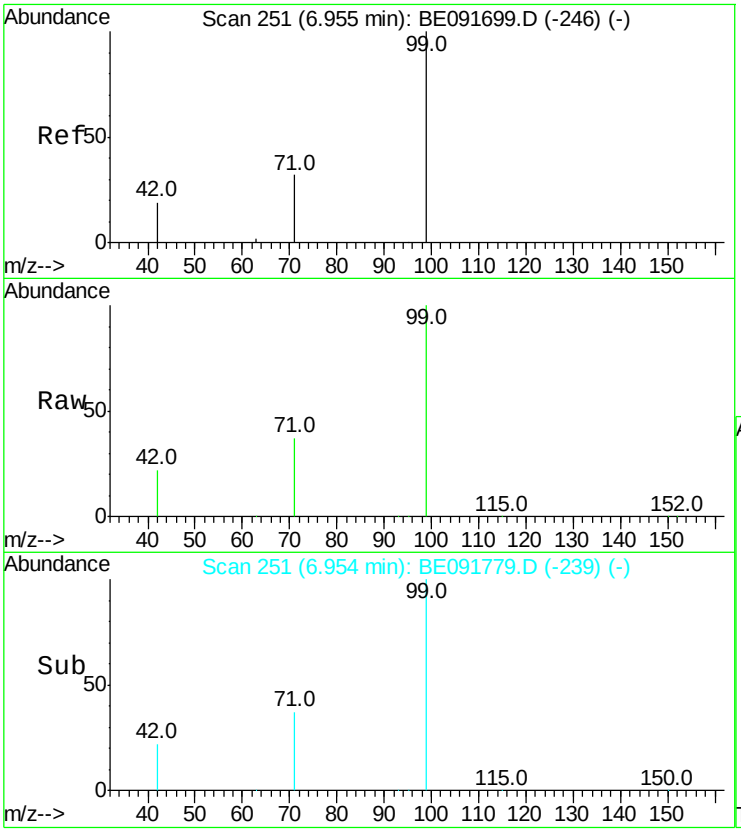


#4
2-Fluorophenol
Concen: 3.62 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:112 Resp: 53717

Ion	Ratio	Lower	Upper
112	100		
64	66.4	30.9	46.3#
63	35.8	16.7	25.1#

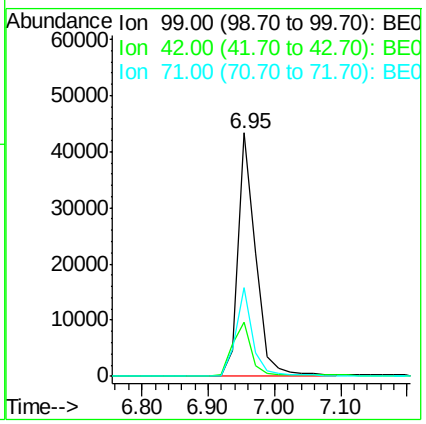




#5
Phenol-d6
Concen: 4.05 ng
RT: 6.95 min Scan# 251
Delta R.T. -0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion: 99 Resp: 79792

Ion	Ratio	Lower	Upper
99	100		
42	24.2	16.2	24.2
71	35.0	29.0	43.4



Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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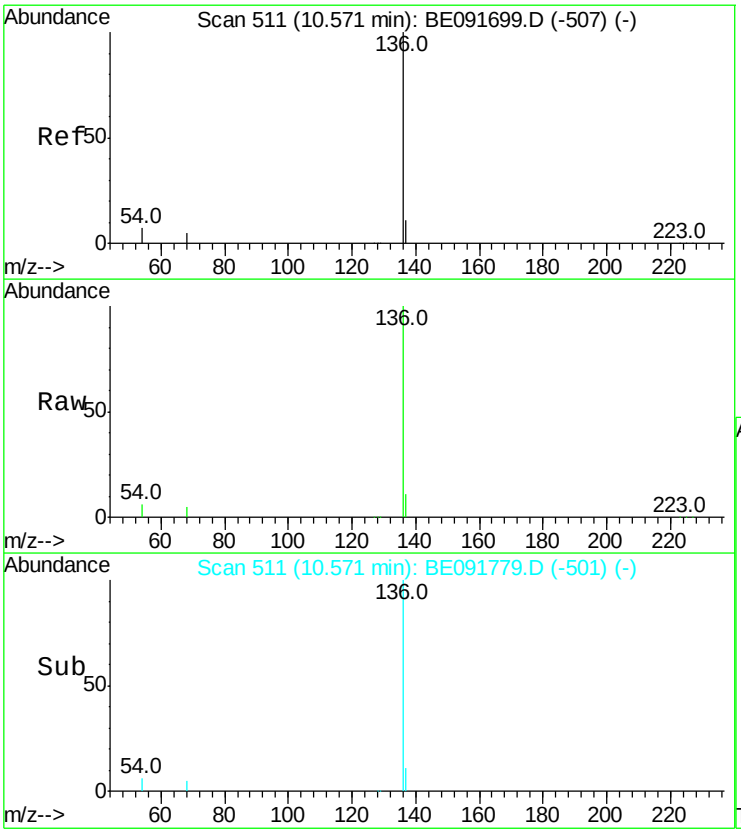
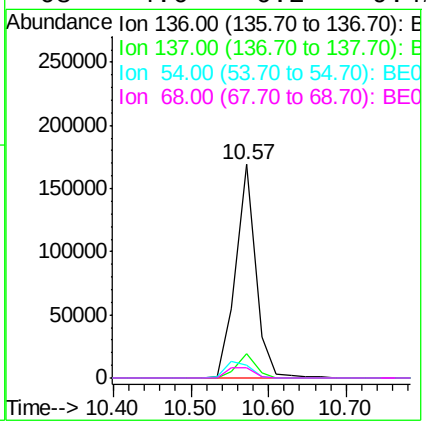
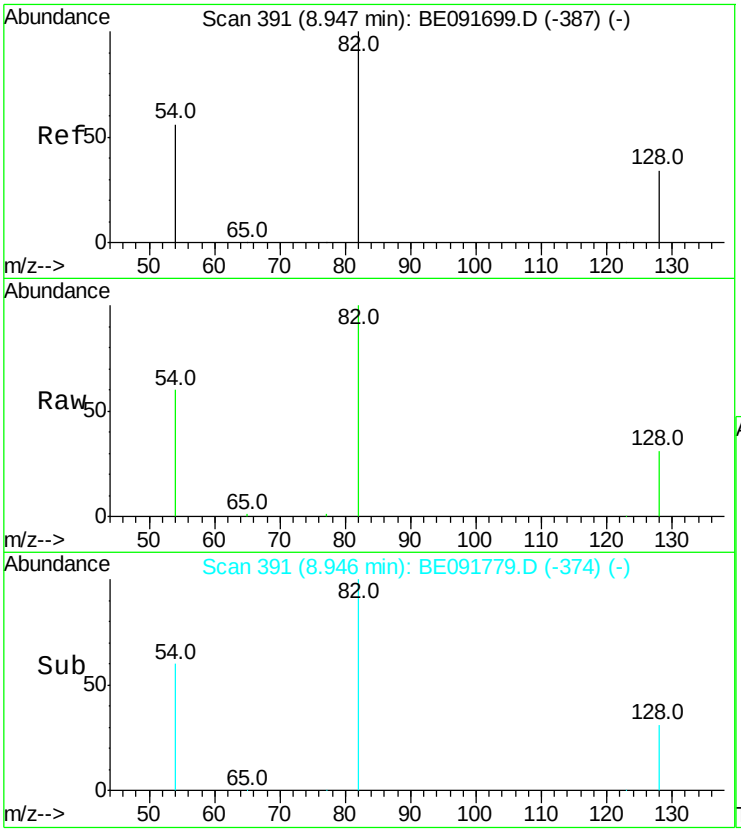


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:136 Resp: 304573

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.9	8.2	12.4#
68	4.6	6.2	9.4#

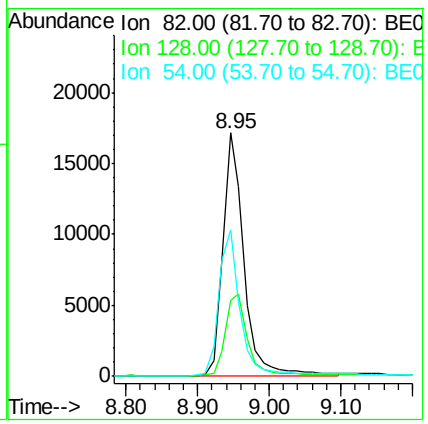




#8
Nitrobenzene-d5
Concen: 1.75 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion: 82 Resp: 34383

Ion	Ratio	Lower	Upper
82	100		
128	31.2	25.4	38.0
54	60.1	48.4	72.6



Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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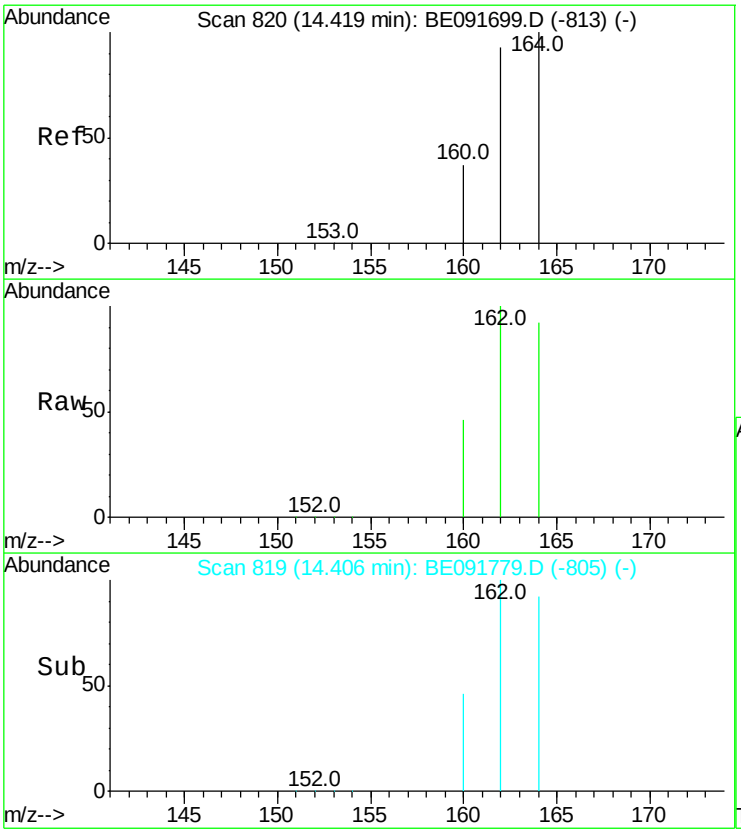
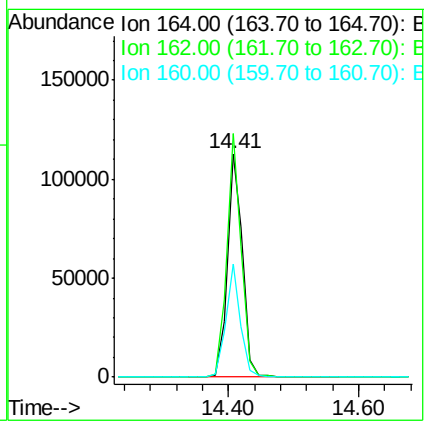
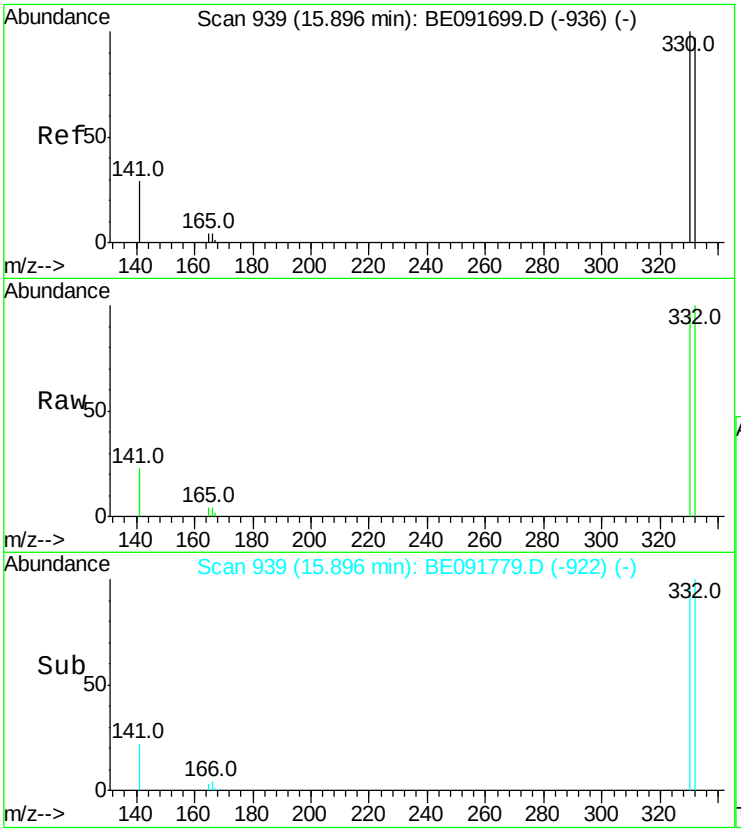


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:164 Resp: 185055

Ion	Ratio	Lower	Upper
164	100		
162	109.0	85.3	127.9
160	50.4	46.2	69.2

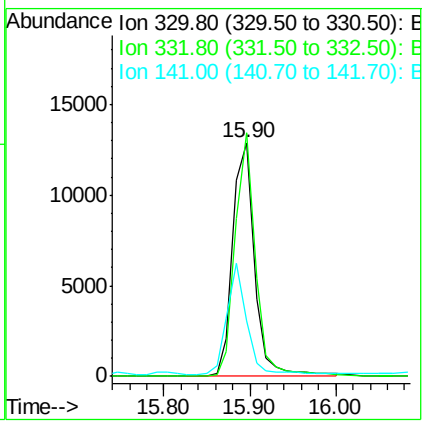




#14
2,4,6-Tribromophenol
Concen: 3.35 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:330 Resp: 22438

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	43.3	125.4	188.0#



Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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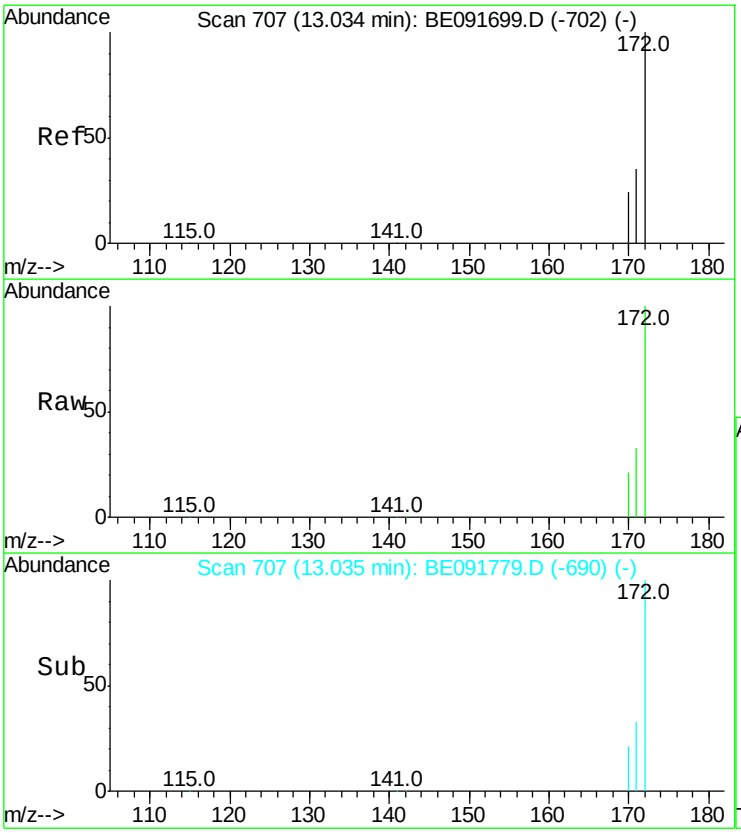
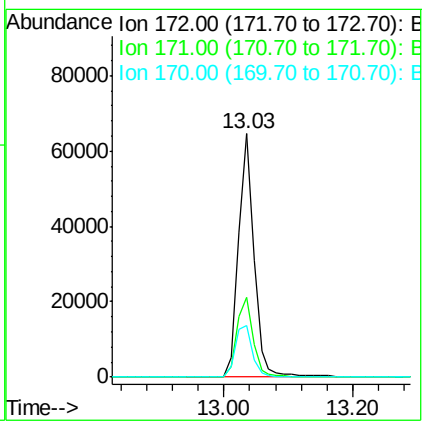
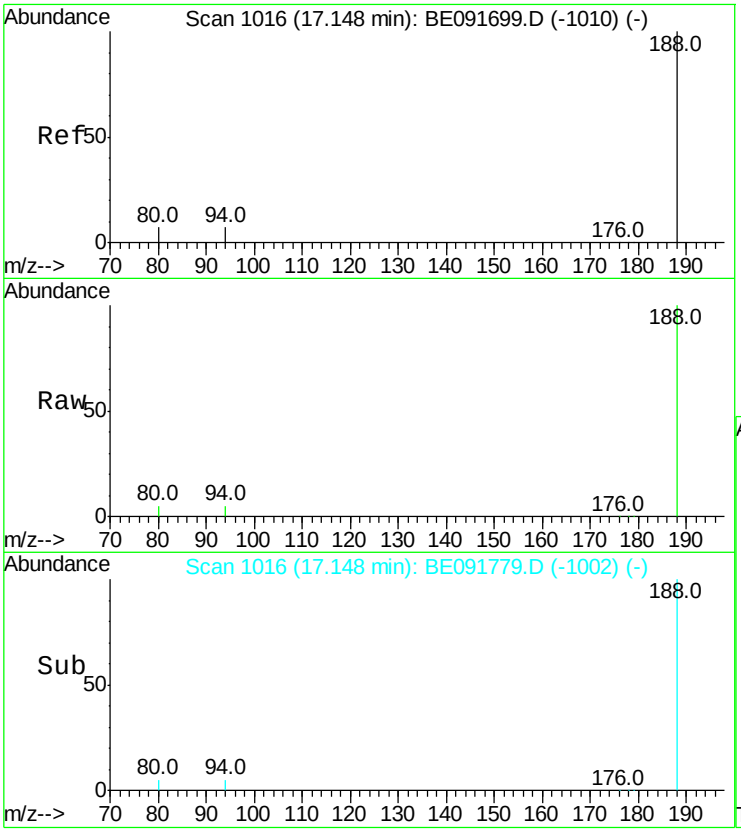


#15
2-Fluorobiphenyl
Concen: 2.02 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:172 Resp: 105866

Ion	Ratio	Lower	Upper
172	100		
171	32.7	28.8	43.2
170	21.2	19.3	28.9





#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:188 Resp: 450937

Ion	Ratio	Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	4.6	9.4	14.0#

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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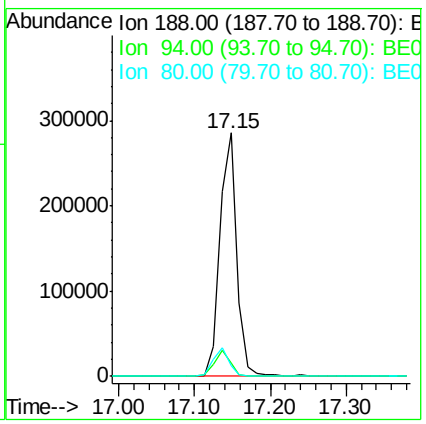
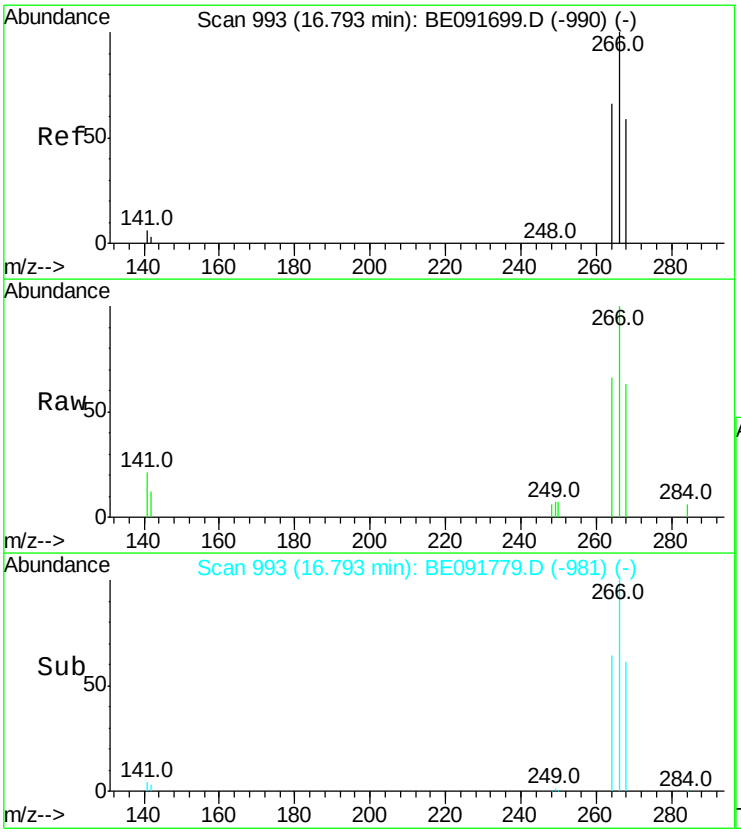
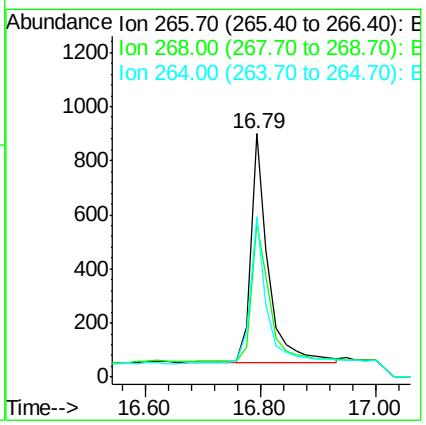


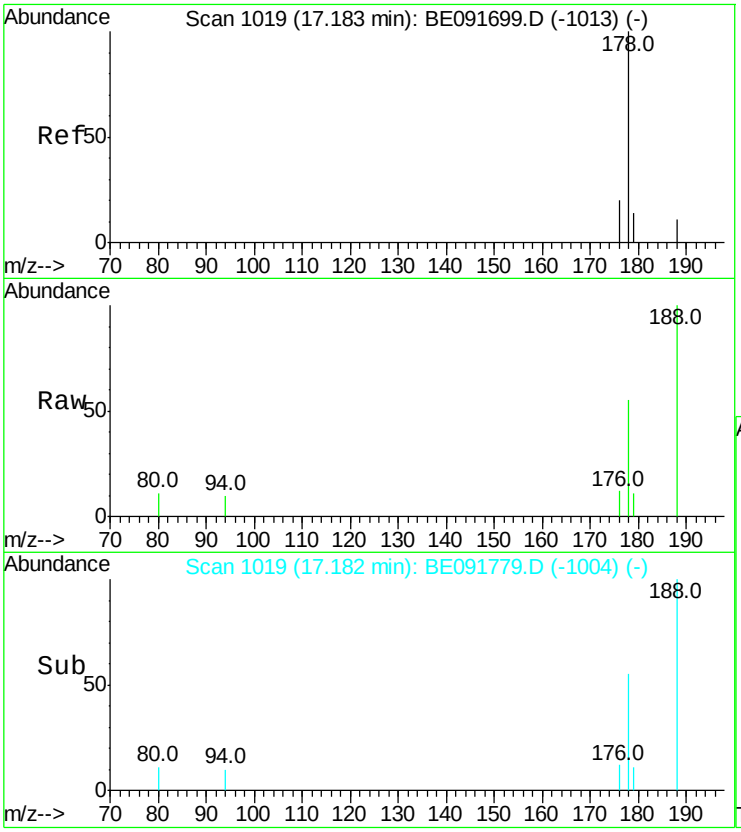


#22
Pentachlorophenol
Concen: 0.30 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:266 Resp: 1786

Ion	Ratio	Lower	Upper
266	100		
268	63.2	58.2	87.2
264	65.9	56.2	84.4





#23
Phenanthrene
Concen: 0.03 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:178 Resp: 2902

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.3	22.9
179	0.0	12.6	18.8#

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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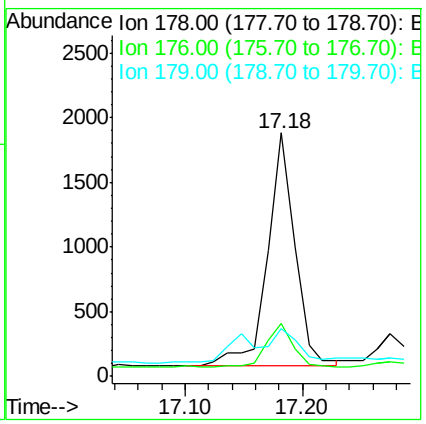
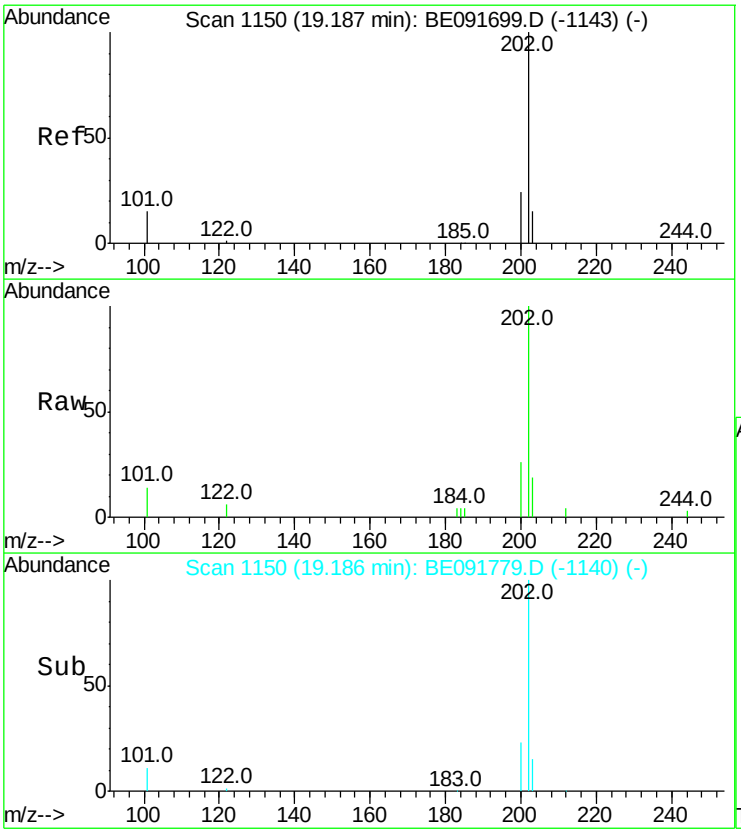
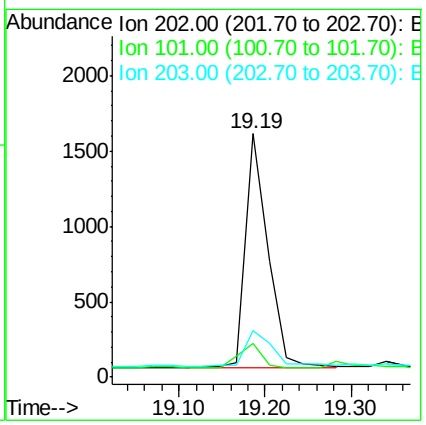


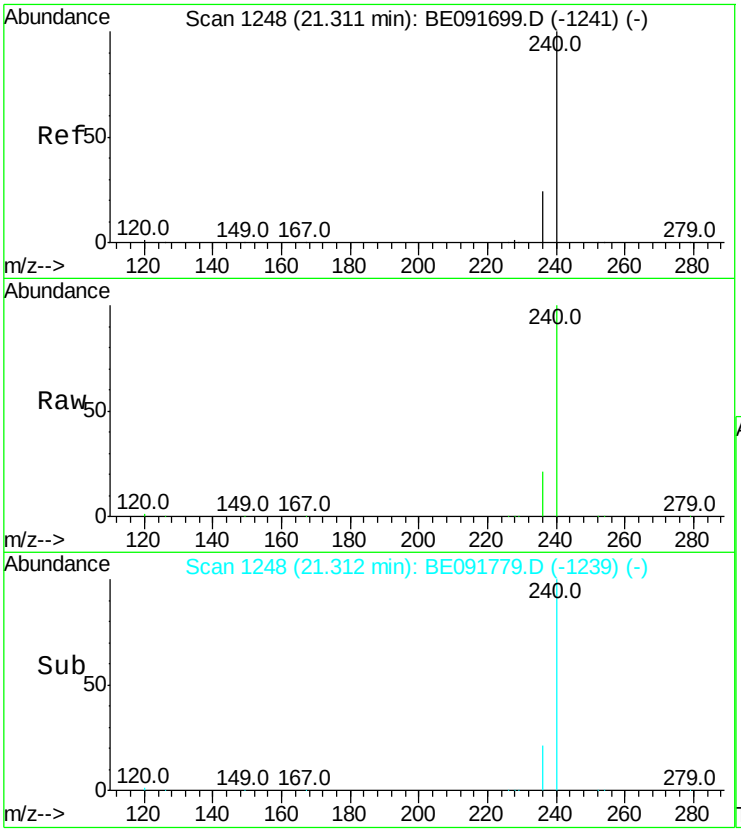


#25
Fluoranthene
Concen: 0.03 ng
RT: 19.19 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:202 Resp: 2797

Ion	Ratio	Lower	Upper
202	100		
101	11.0	11.0	16.6
203	17.4	13.9	20.9





#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:240 Resp: 444637

Ion	Ratio	Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	21.1	21.7	32.5#

Instrument :
BNA_E
ClientSampleId :
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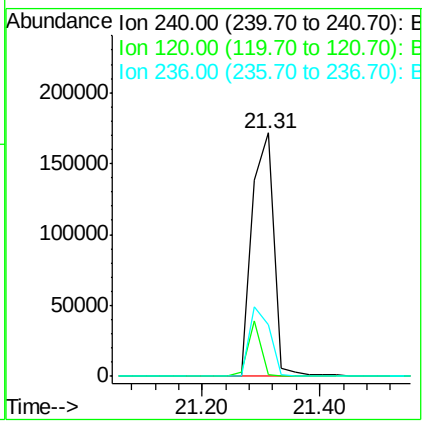
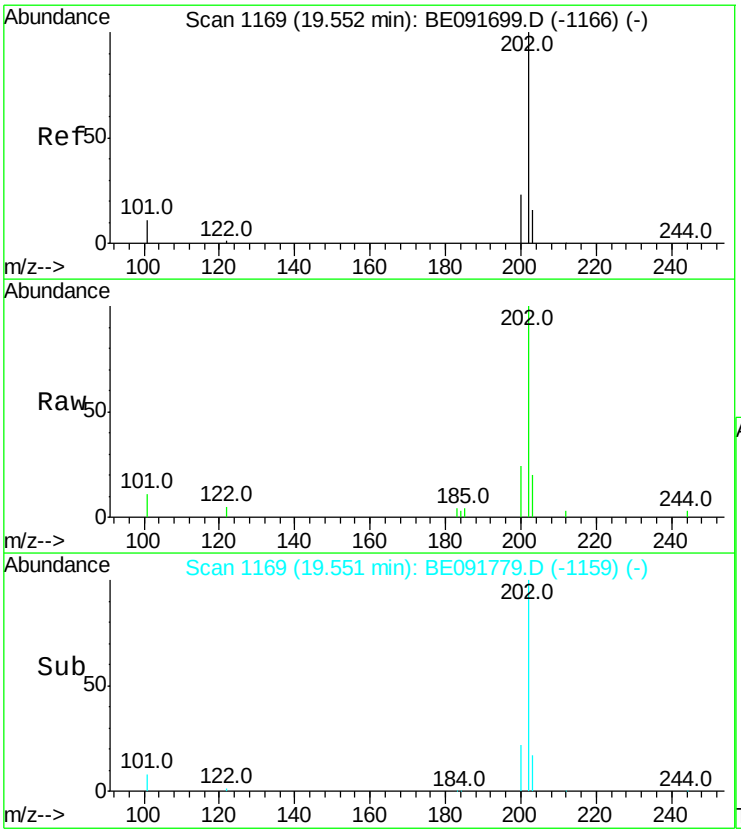
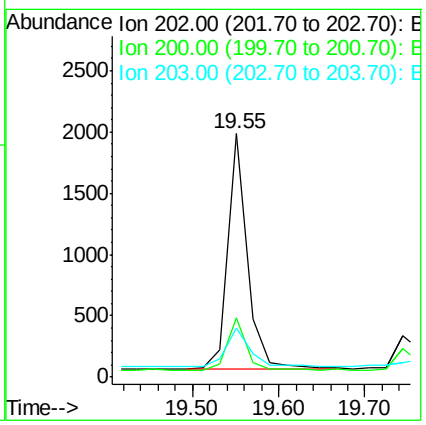


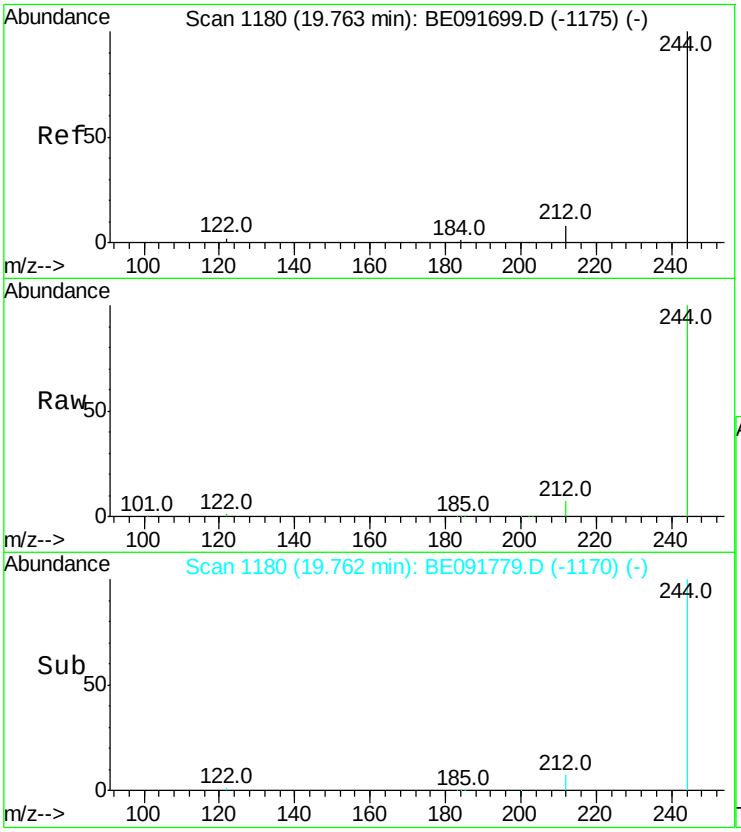


#28
Pyrene
Concen: 0.03 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:202 Resp: 3010

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	20.8	14.0	21.0





#29
Terphenyl-d14
Concen: 2.39 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:244 Resp: 165510

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.9	10.3#
122	0.9	11.0	16.4#

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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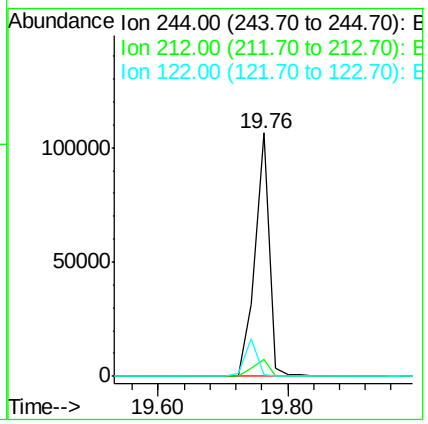
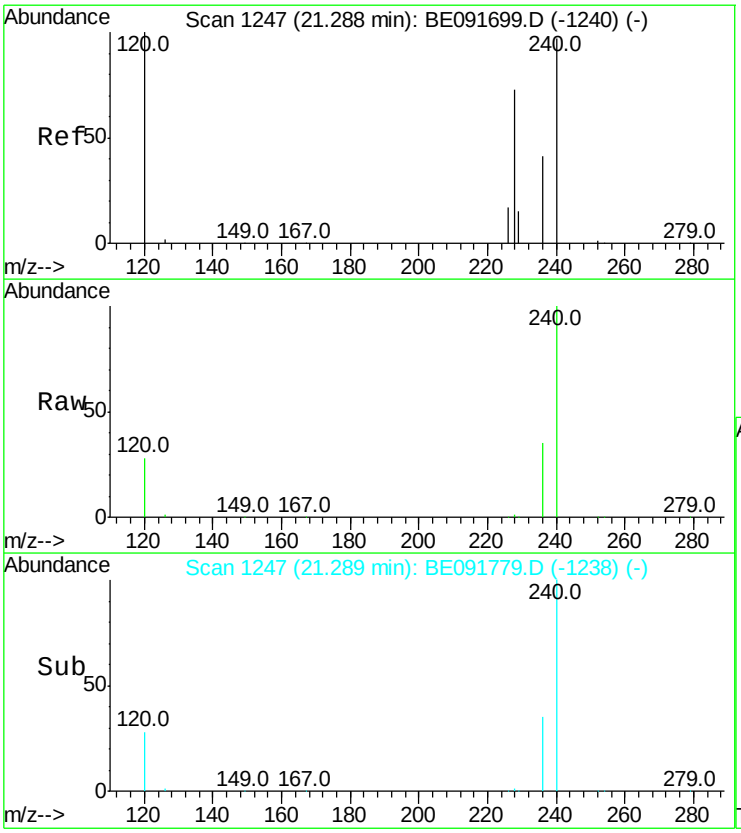
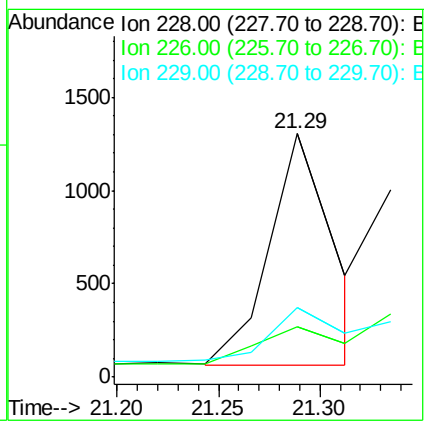


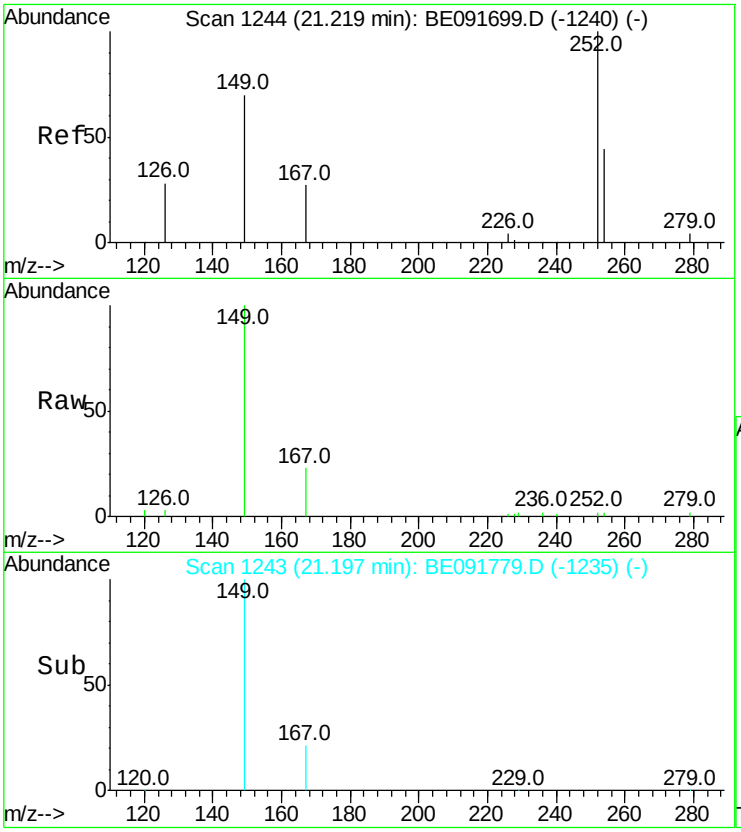


#30
Benzo(a)anthracene
Concen: 0.03 ng m
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:228 Resp: 2740

Ion	Ratio	Lower	Upper
228	100		
226	20.8	21.0	31.4#
229	28.4	15.7	23.5#





#33
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:149 Resp: 6608

Ion	Ratio	Lower	Upper
149	100		
167	22.8	19.5	29.3
279	0.0	10.0	15.0#

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019

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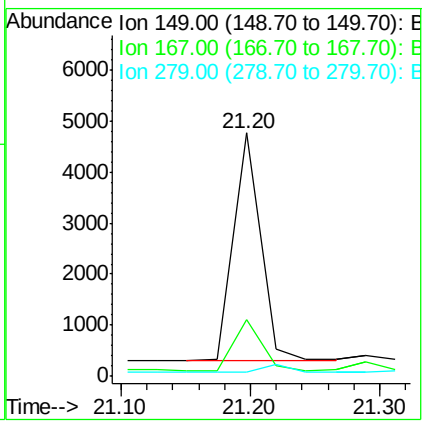
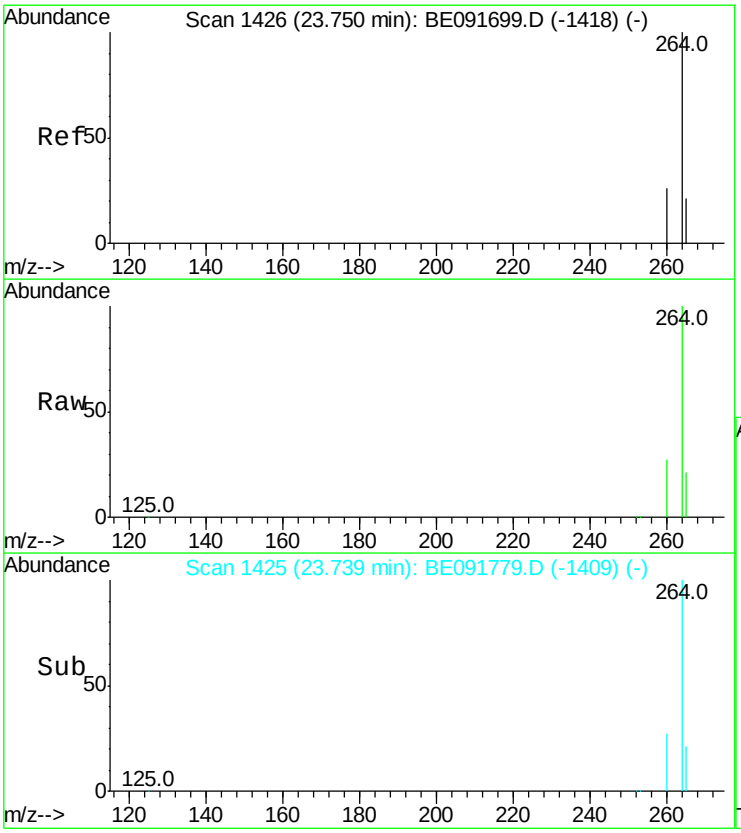
umangi
5/17/2016 7:17:21 PM





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BE091779.D
Acq: 16 May 2016 18:27

Tgt Ion:264 Resp: 462592

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.0	30.0
265	21.0	17.5	26.3