Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088215.D
Acq On : 24 Oct 2014 16:34
Operator : TP/JJ
Sample : SSTDICCC001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Manual Integrations APPROVED
mohammad
10/28/2014 12:22:26 PM

Quant Time: Oct 27 12:58:16 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102414.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 27 12:38:23 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	46788	5.00	ng	0.00
3) Naphthalene-d8	8.68	136	179001	5.00	ng	0.00
7) Acenaphthene-d10	10.82	164	82072	5.00	ng	0.00
12) Phenanthrene-d10	12.94	188	144231	5.00	ng	0.00
16) Chrysene-d12	18.34	240	82352	5.00	ng	0.00
22) Perylene-d12	21.40	264	72563	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.80	82	12256	1.12	ng	0.00
8) 2-Fluorobiphenyl	10.01	172	23951	1.05	ng	0.00
18) Terphenyl-d14	16.11	244	14312	1.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	6910	1.05	ng	100
5) Naphthalene	8.70	128	38064	1.04	ng	100
6) 2-Methylnaphthalene	9.55	142	23578	1.07	ng	100
9) Acenaphthylene	10.64	152	132144	1.08	ng	100
10) Acenaphthene	10.86	154	20249	1.04	ng	100
11) Fluorene	11.52	166	21406	1.08	ng	100
13) Phenanthrene	12.97	178	144603	1.21	ng	96
14) Anthracene	13.06	178	109750	1.07	ng	100
15) Fluoranthene	15.21	202	22313	1.06	ng	100
17) Pyrene	15.67	202	24333	1.08	ng	100
19) Benzo(a)anthracene	18.32	228	65644	1.01	ng	100
20) Chrysene	18.40	228	75595	1.03	ng	100
21) Indeno(1,2,3-cd)pyrene	23.58	276	55710m	0.86	ng	
23) Benzo(b)fluoranthene	20.64	252	13057	1.10	ng	100
24) Benzo(k)fluoranthene	20.70	252	19701	1.05	ng	100
25) Benzo(a)pyrene	21.28	252	12726	1.09	ng	100
26) Dibenzo(a,h)anthracene	23.67	278	11510	1.04	ng	100
27) Benzo(g,h,i)perylene	24.20	276	59740	1.03	ng	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088215.D
Acq On : 24 Oct 2014 16:34
Operator : TP/JJ
Sample : SSTDICCC001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 27 12:58:16 2014
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BNA_E
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Manual Integrations APPROVED
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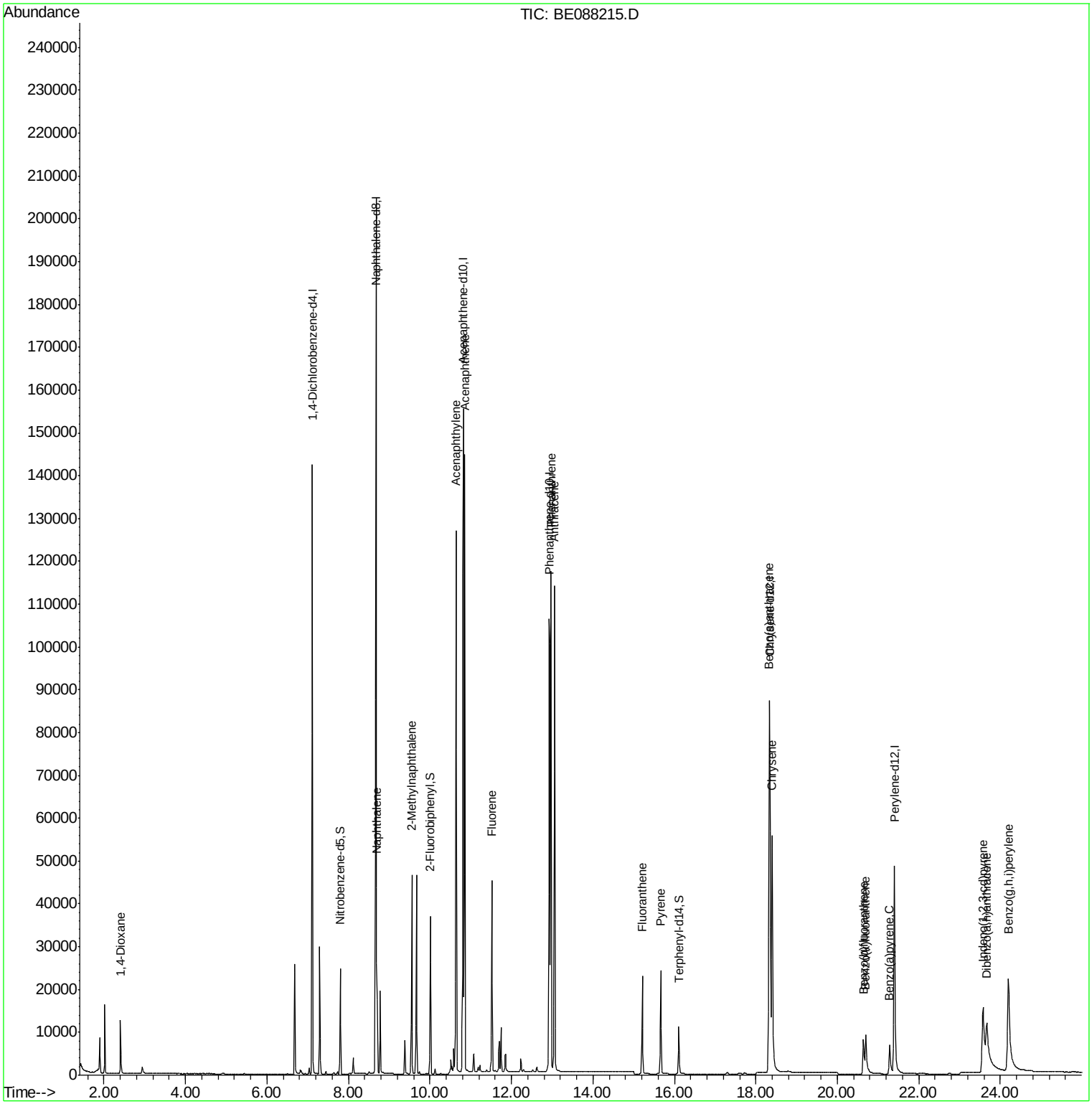
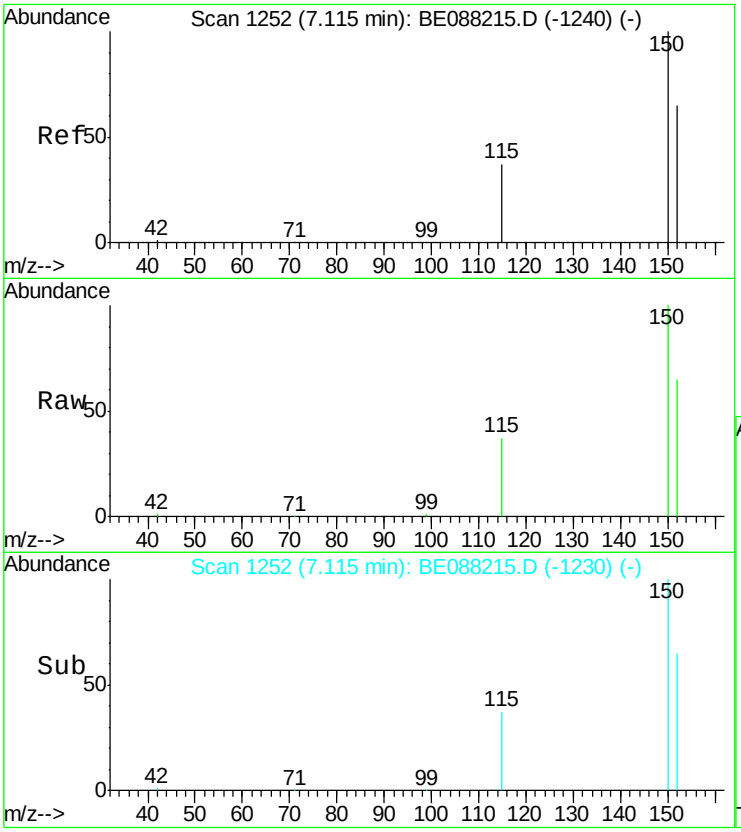
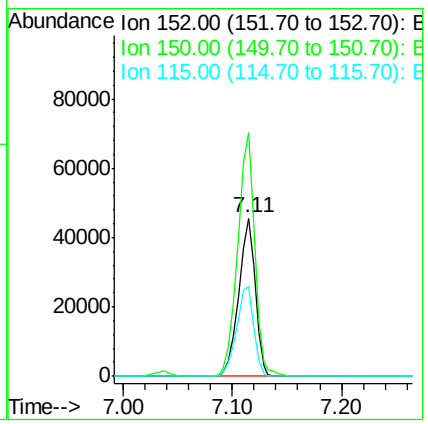




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.11 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:152 Resp: 46788

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.2	184.8
115	56.6	45.3	67.9



Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

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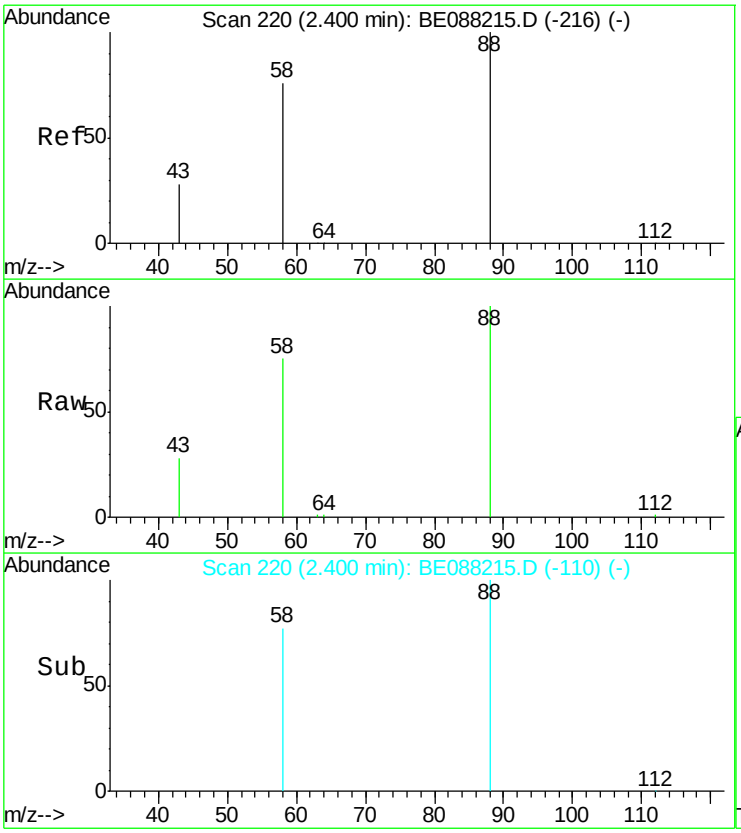
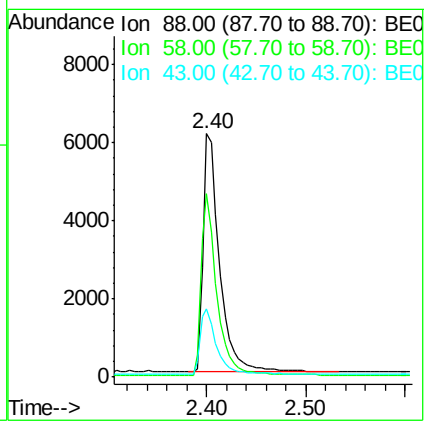
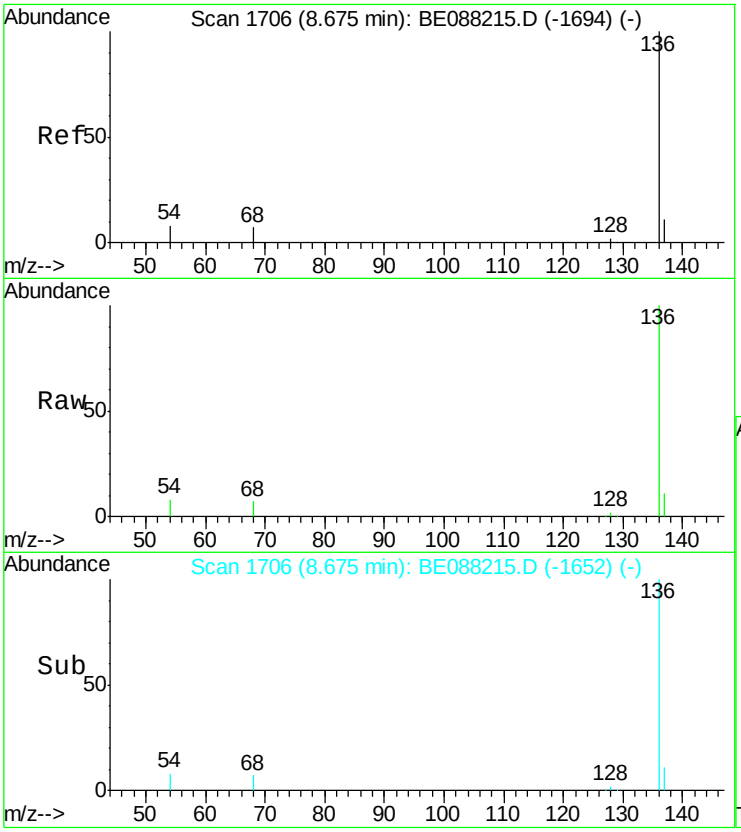


#2
1,4-Dioxane
Concen: 1.05 ng
RT: 2.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion: 88 Resp: 6910

Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.0	88.4
43	27.4	21.9	32.9

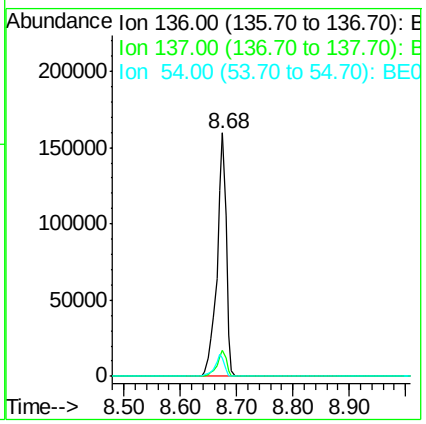




#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.68 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:136 Resp: 179001

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.6	6.1	9.1



Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

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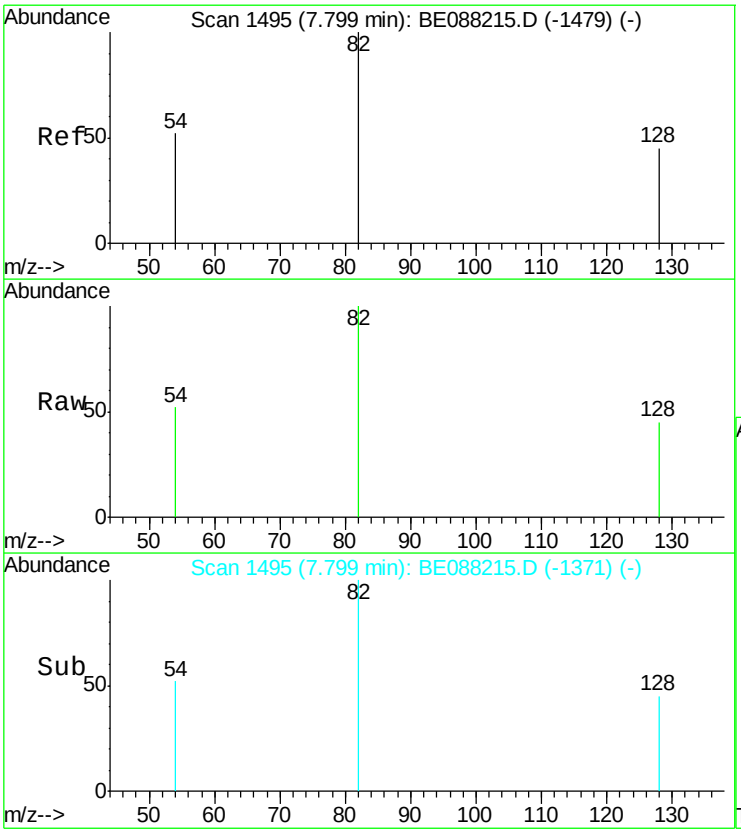
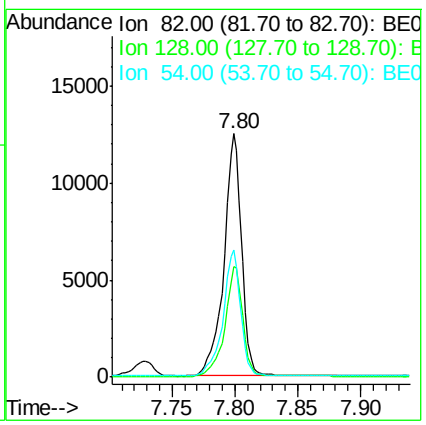
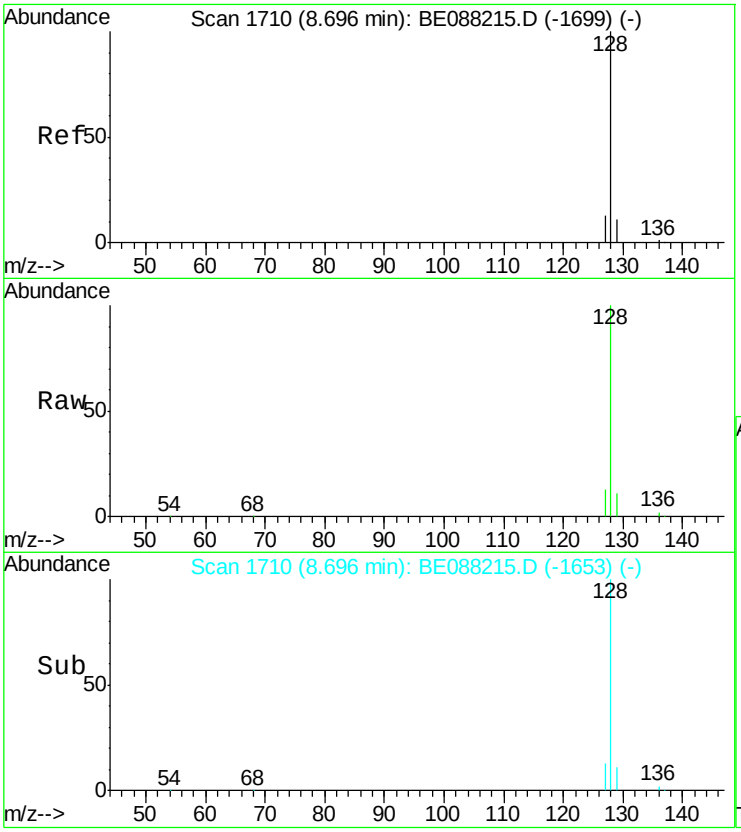


#4
Nitrobenzene-d5
Concen: 1.12 ng
RT: 7.80 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion: 82 Resp: 12256

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.2	54.2
54	52.3	41.8	62.8

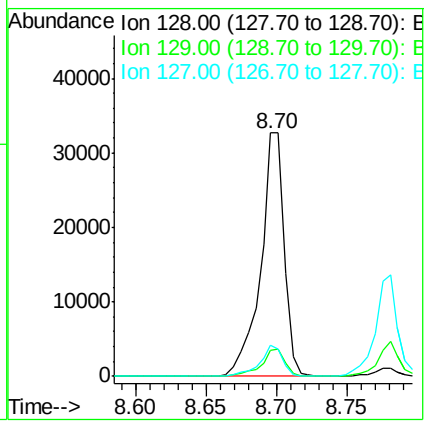




#5
Naphthalene
Concen: 1.04 ng
RT: 8.70 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:128 Resp: 38064

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.0	10.4	15.6



Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

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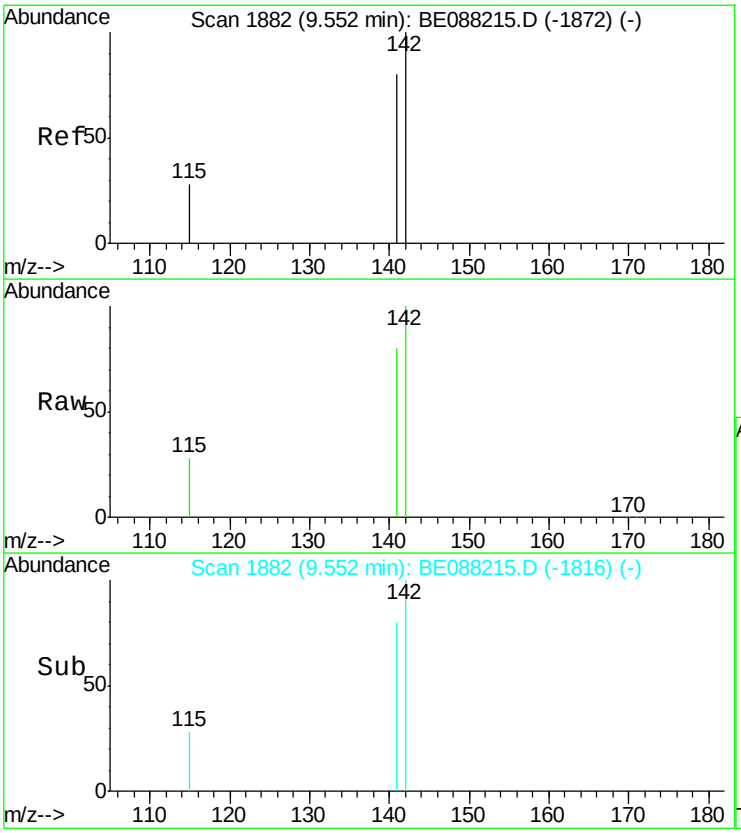
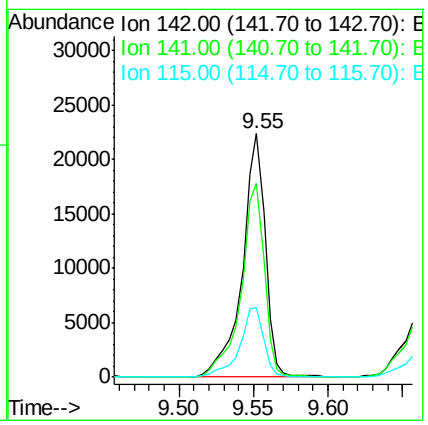
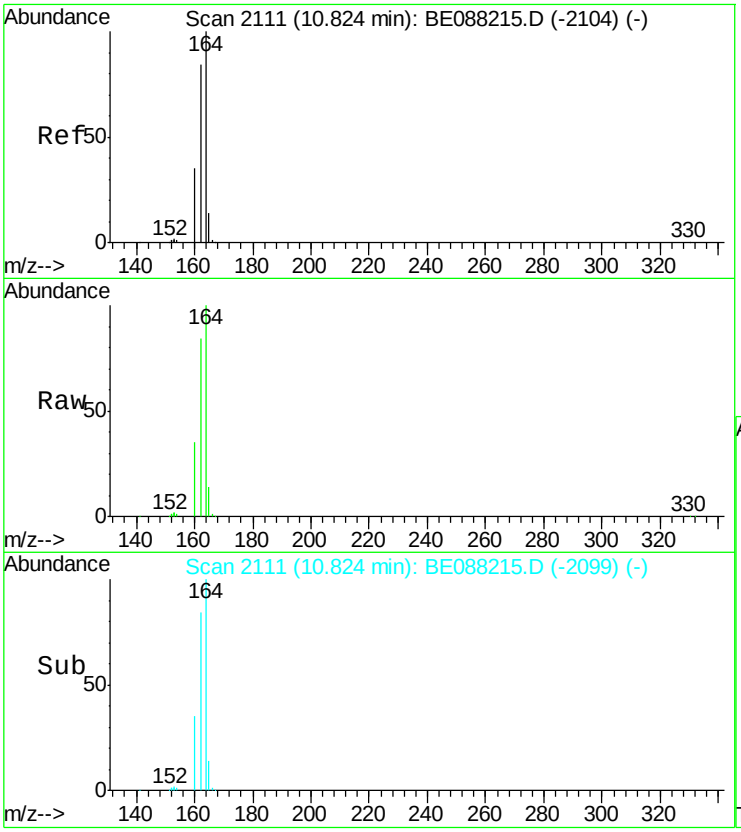


#6
2-Methylnaphthalene
Concen: 1.07 ng
RT: 9.55 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:142 Resp: 23578

Ion	Ratio	Lower	Upper
142	100		
141	79.6	63.7	95.5
115	28.3	22.6	34.0





#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.82 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Manual Integrations APPROVED
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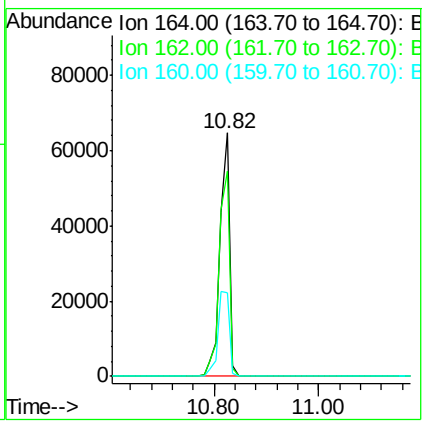
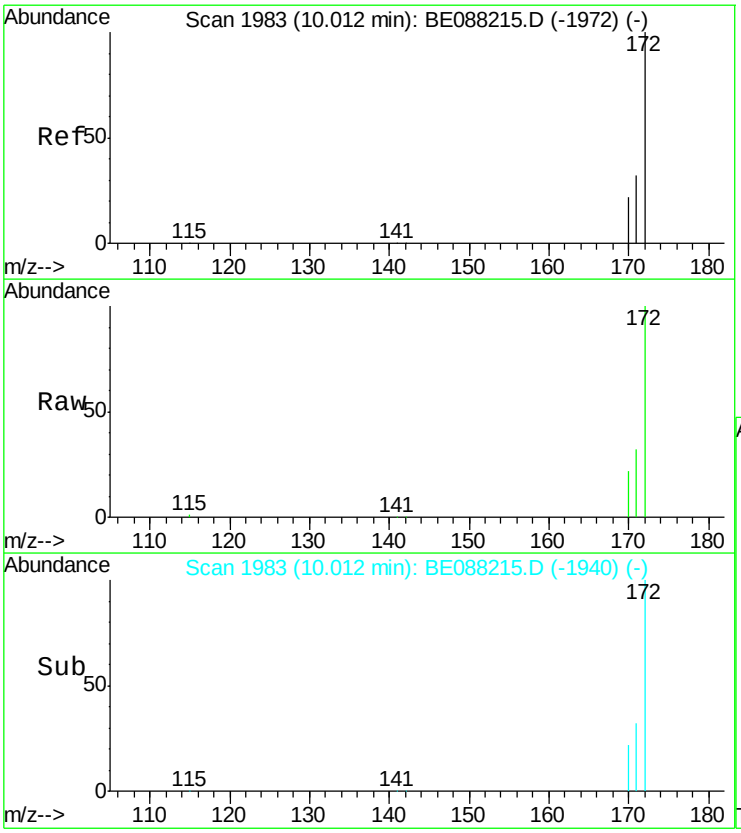
Tgt Ion:164 Resp: 82072

Ion	Ratio	Lower	Upper
164	100		
162	84.2	67.4	101.0
160	34.6	27.7	41.5

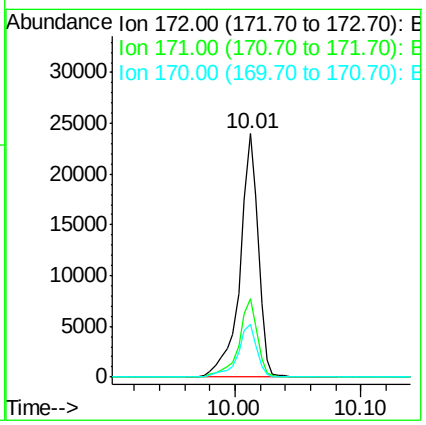


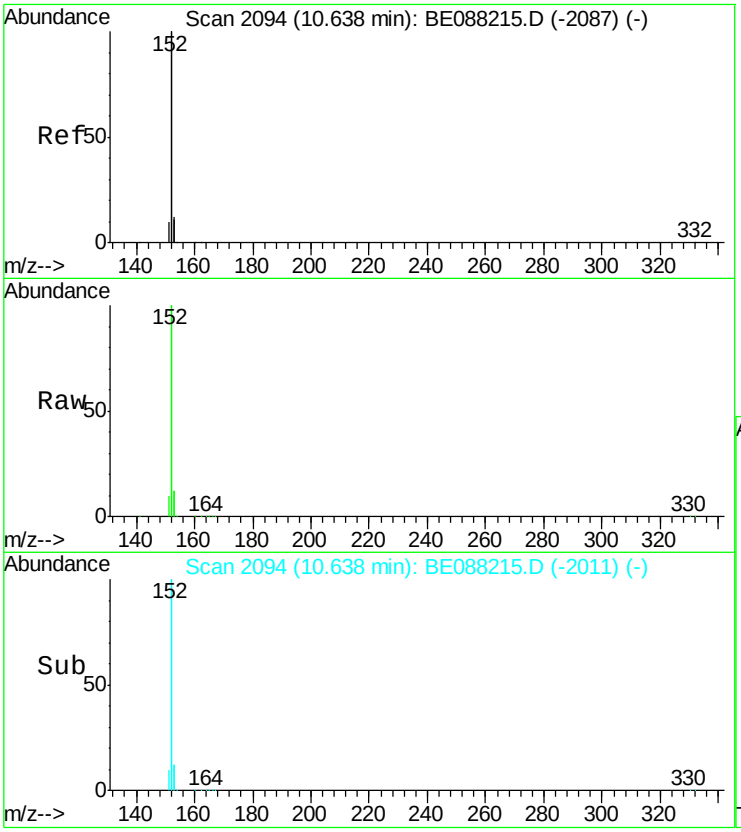


#8
2-Fluorobiphenyl
Concen: 1.05 ng
RT: 10.01 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:172 Resp: 23951

Ion	Ratio	Lower	Upper
172	100		
171	32.2	25.8	38.6
170	21.7	17.4	26.0

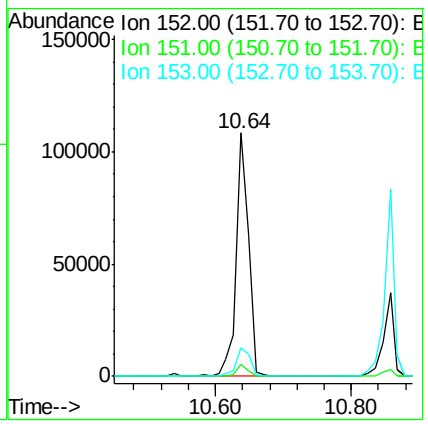




#9
Acenaphthylene
Concen: 1.08 ng
RT: 10.64 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:152 Resp: 132144

Ion	Ratio	Lower	Upper
152	100		
151	4.6	3.7	5.5
153	12.9	10.3	15.5



Instrument :
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ClientSampleId :
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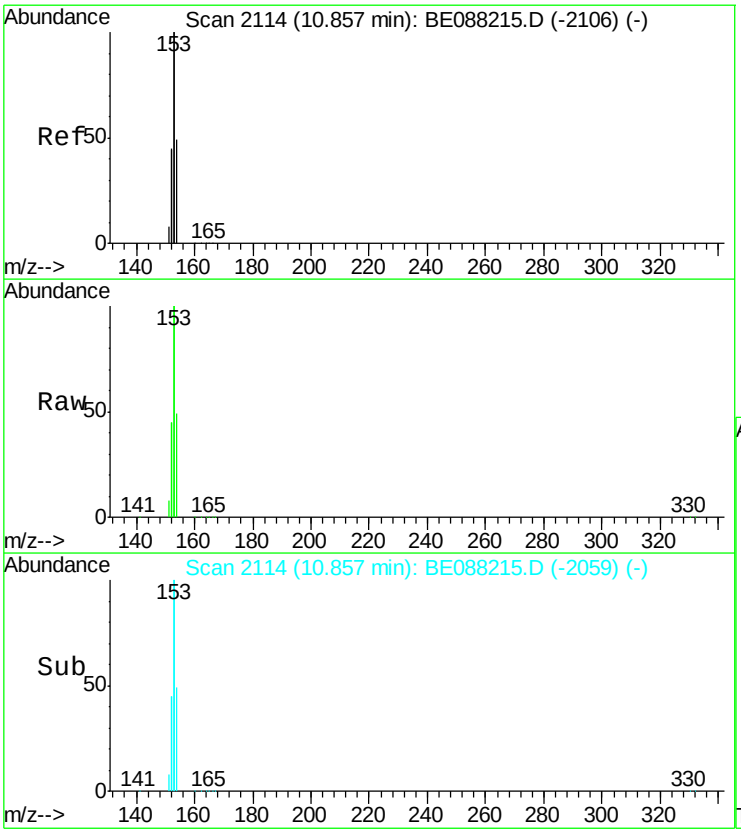
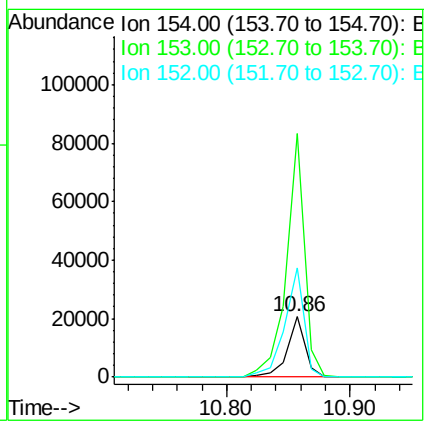
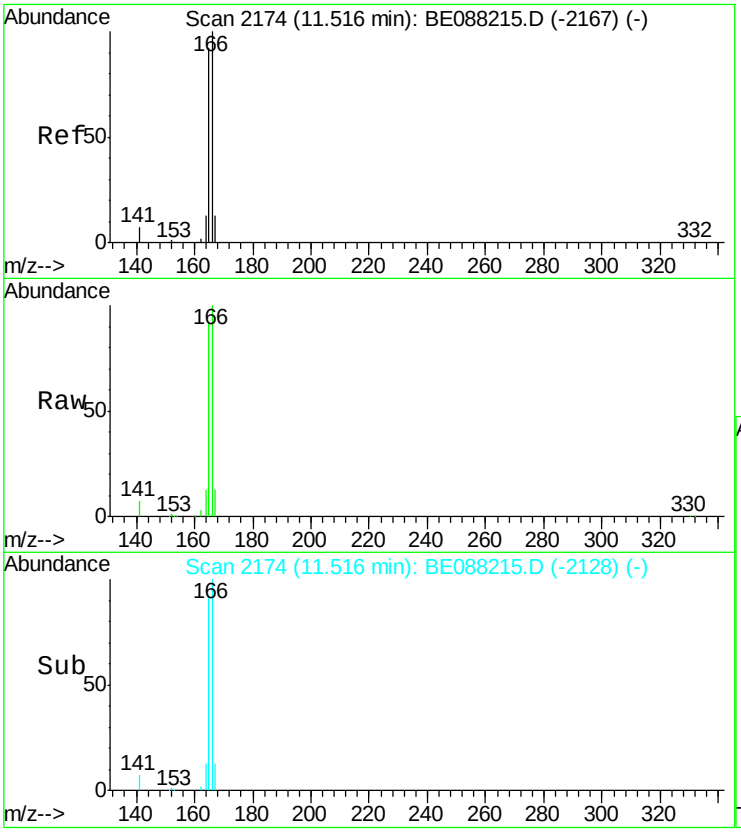


#10
Acenaphthene
Concen: 1.04 ng
RT: 10.86 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:154 Resp: 20249

Ion	Ratio	Lower	Upper
154	100		
153	407.5	326.0	489.0
152	194.5	155.6	233.4





#11
Fluorene
Concen: 1.08 ng
RT: 11.52 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:166 Resp: 21406

Ion	Ratio	Lower	Upper
166	100		
165	89.7	71.8	107.6
167	13.4	10.7	16.1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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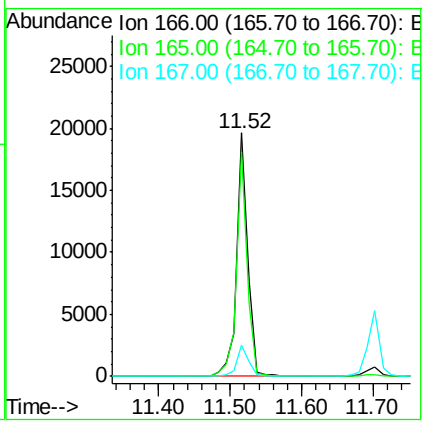
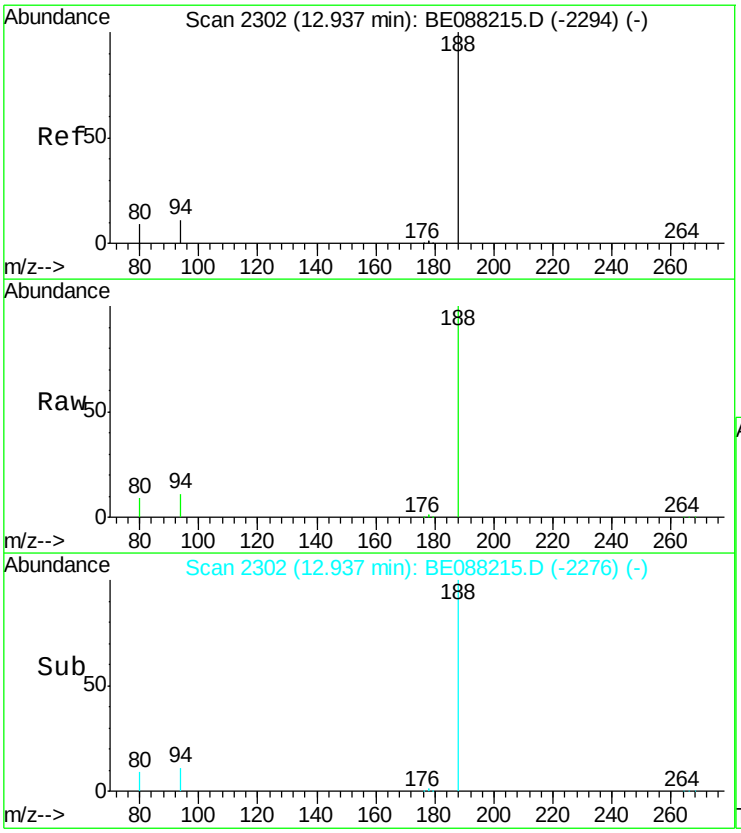
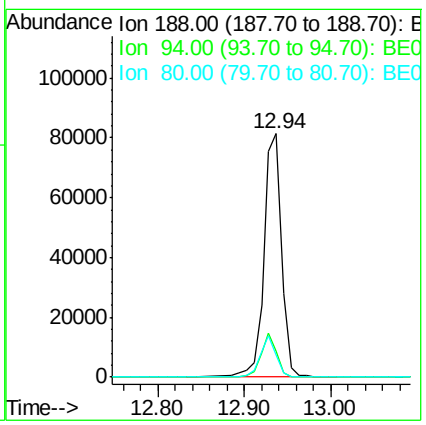


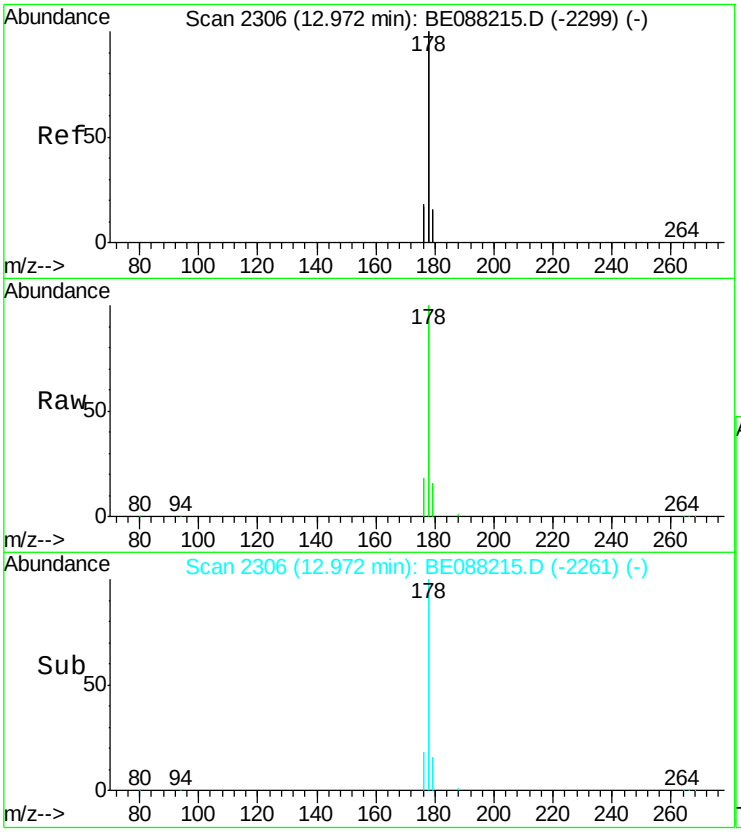


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.94 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:188 Resp: 144231

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	9.2	7.4	11.0

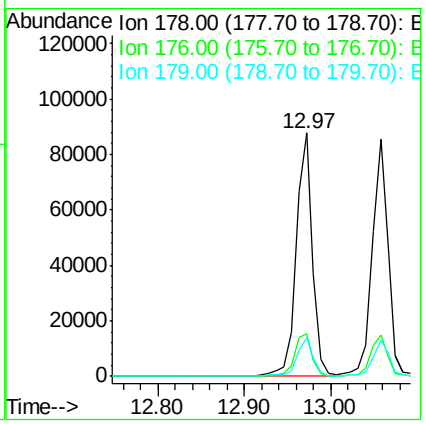




#13
Phenanthrene
Concen: 1.21 ng
RT: 12.97 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:178 Resp: 144603

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.0	21.0
179	16.5	11.8	17.6



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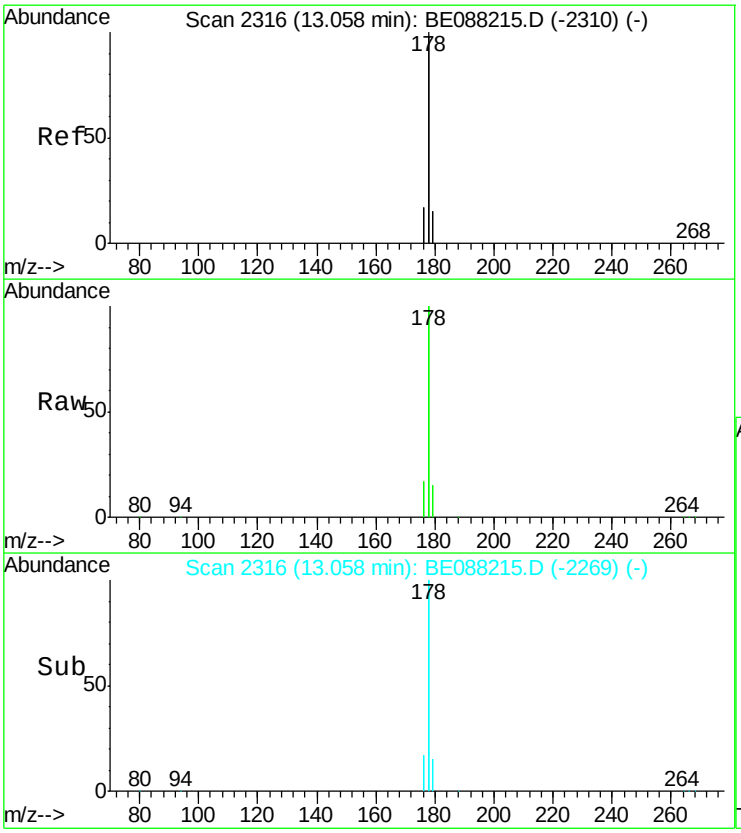
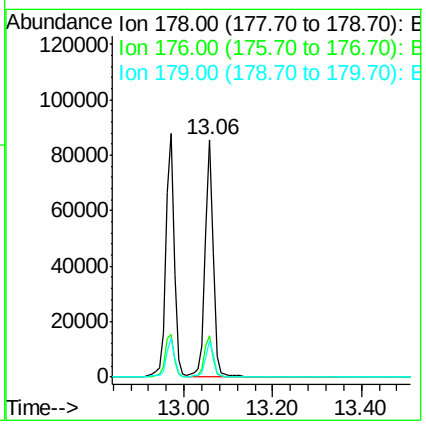
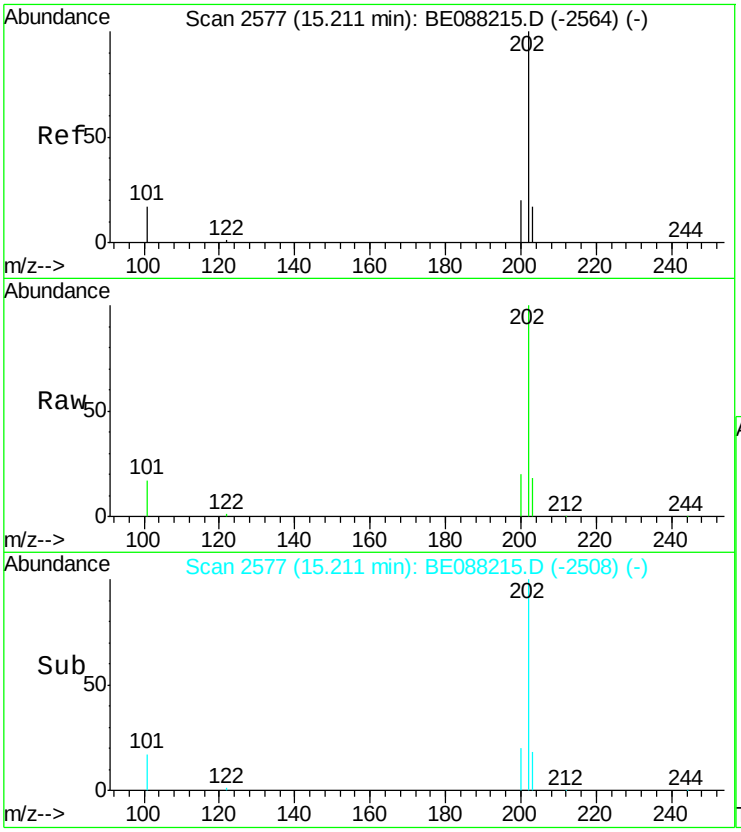


#14
Anthracene
Concen: 1.07 ng
RT: 13.06 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:178 Resp: 109750

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.4	12.3	18.5

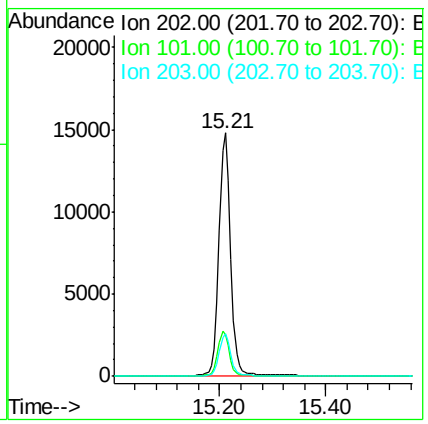




#15
Fluoranthene
Concen: 1.06 ng
RT: 15.21 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:202 Resp: 22313

Ion	Ratio	Lower	Upper
202	100		
101	18.0	14.4	21.6
203	16.8	13.4	20.2



Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Manual Integrations APPROVED
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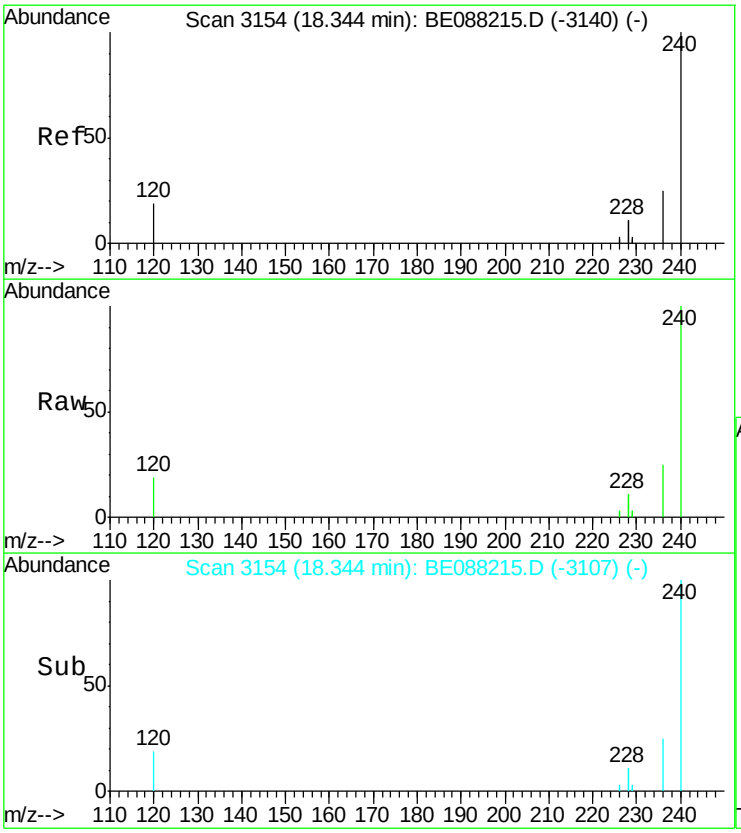
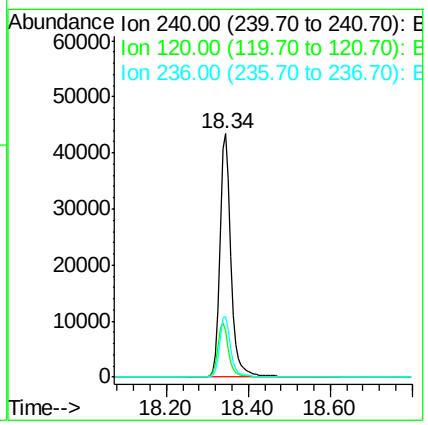
10/28/2014 12:22:26 PM

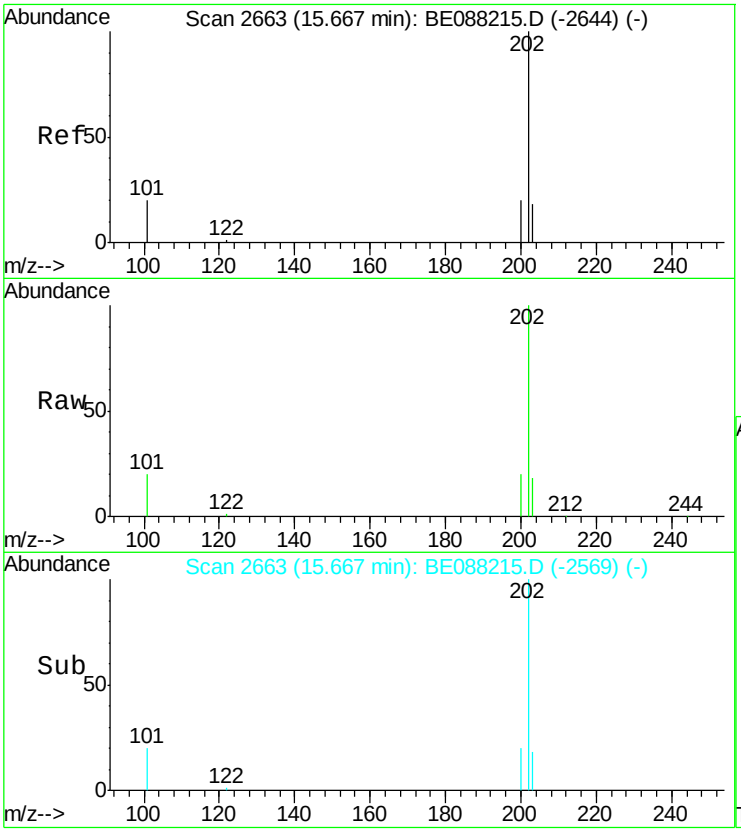


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.34 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:240 Resp: 82352

Ion	Ratio	Lower	Upper
240	100		
120	18.9	15.1	22.7
236	25.1	20.1	30.1

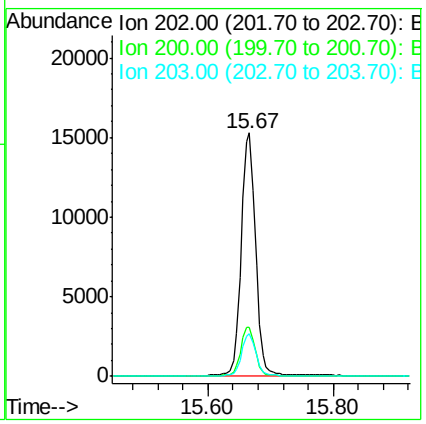




#17
Pyrene
Concen: 1.08 ng
RT: 15.67 min Scan# 2663
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:202 Resp: 24333

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.3	13.8	20.8



Instrument :
BNA_E
ClientSampleId :
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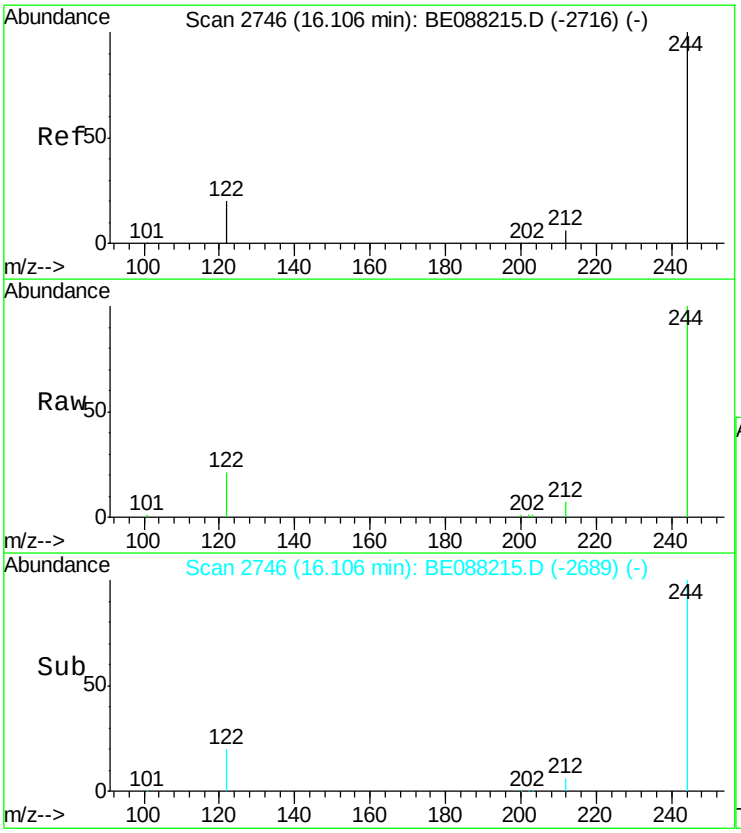
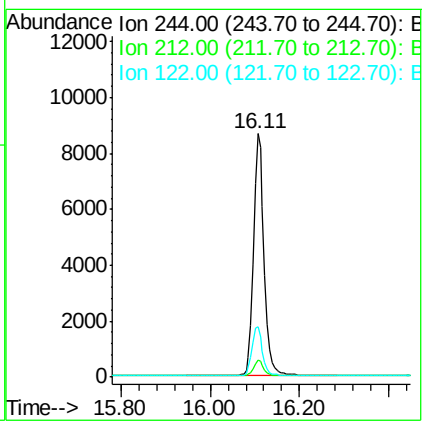
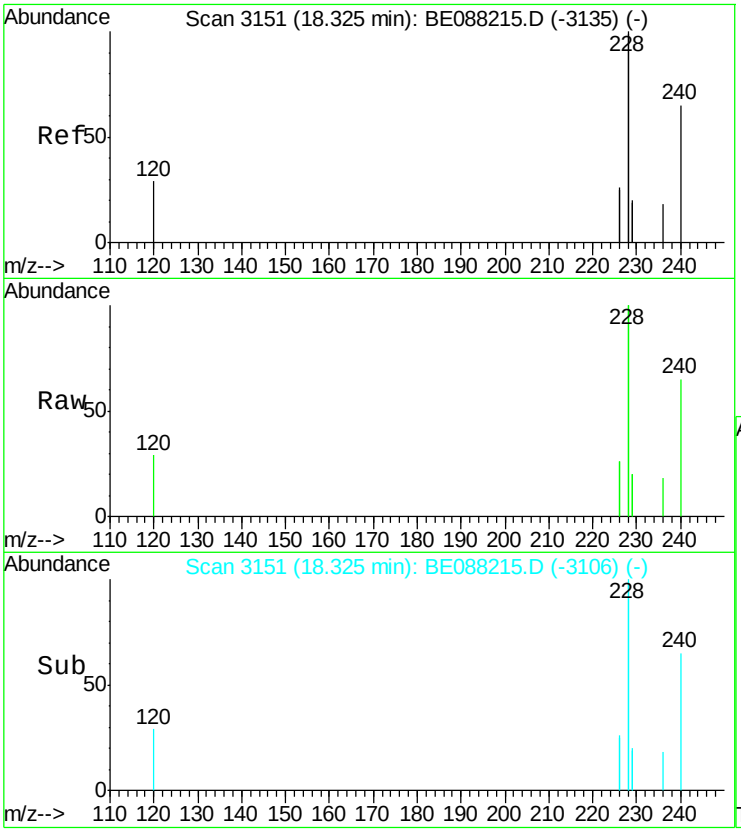


#18
Terphenyl-d14
Concen: 1.06 ng
RT: 16.11 min Scan# 2746
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:244 Resp: 14312

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	20.9	16.7	25.1

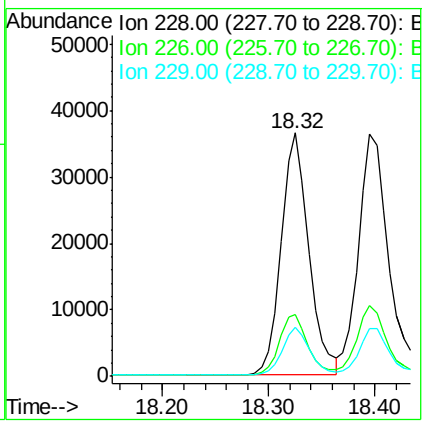




#19
Benzo(a)anthracene
Concen: 1.01 ng
RT: 18.32 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:228 Resp: 65644

Ion	Ratio	Lower	Upper
228	100		
226	25.6	20.5	30.7
229	20.1	16.1	24.1



Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

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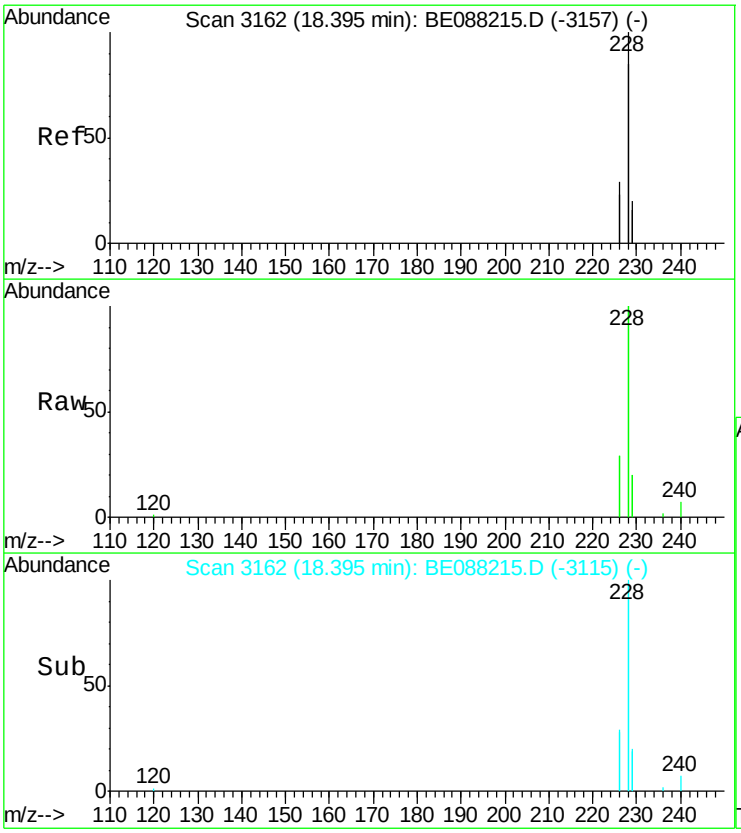
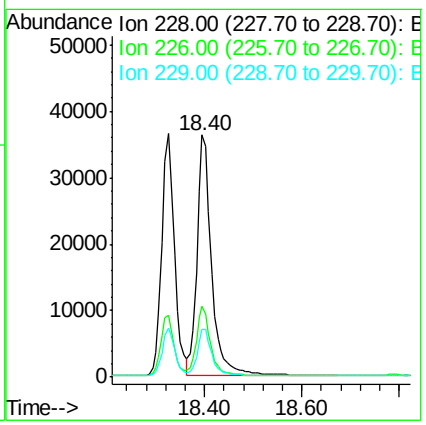
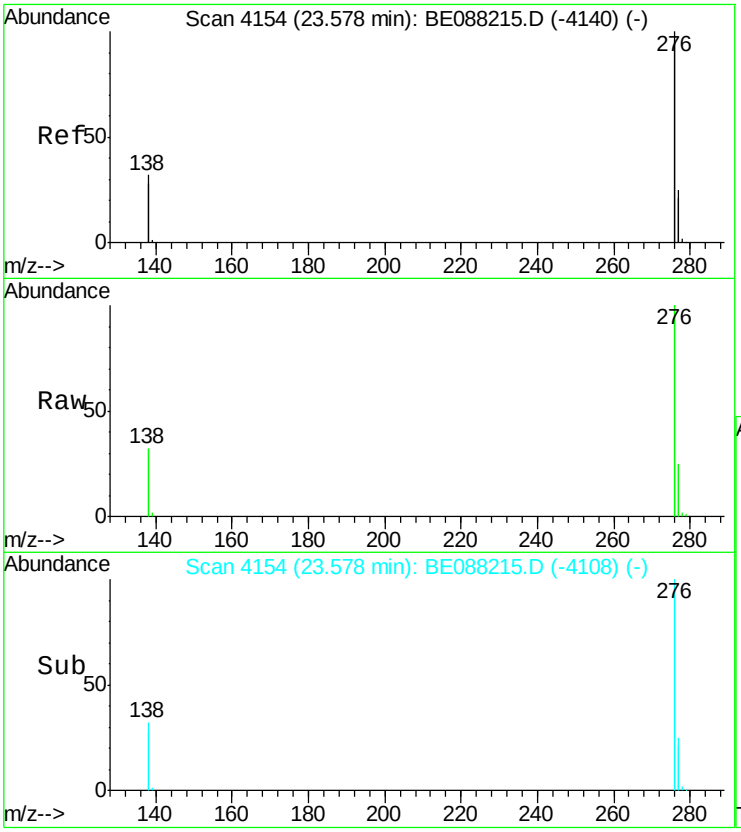


#20
Chrysene
Concen: 1.03 ng
RT: 18.40 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:228 Resp: 75595

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	19.5	15.6	23.4

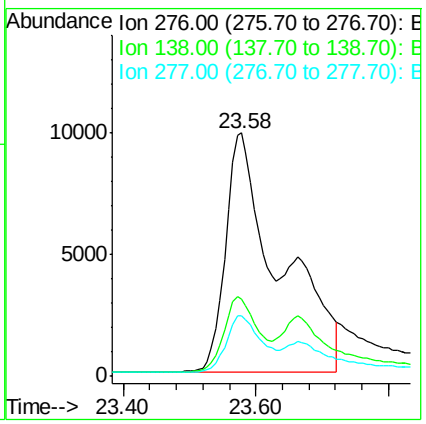




#21
Indeno(1,2,3-cd)pyrene
Concen: 0.86 ng m
RT: 23.58 min Scan# 4154
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:276 Resp: 55710

Ion	Ratio	Lower	Upper
276	100		
138	19.7	13.9	20.9
277	15.2	10.7	16.1



Instrument :
BNA_E
ClientSampleId :
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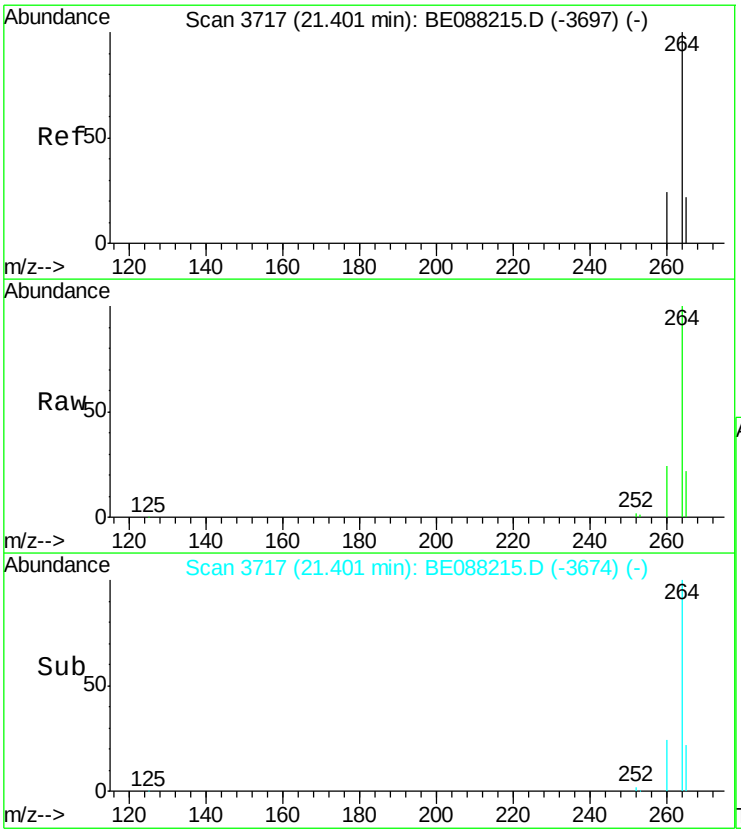
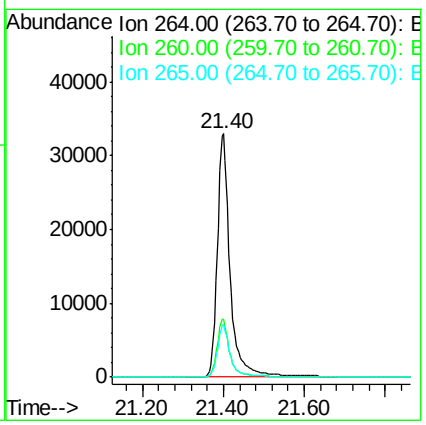
10/28/2014 12:22:26 PM

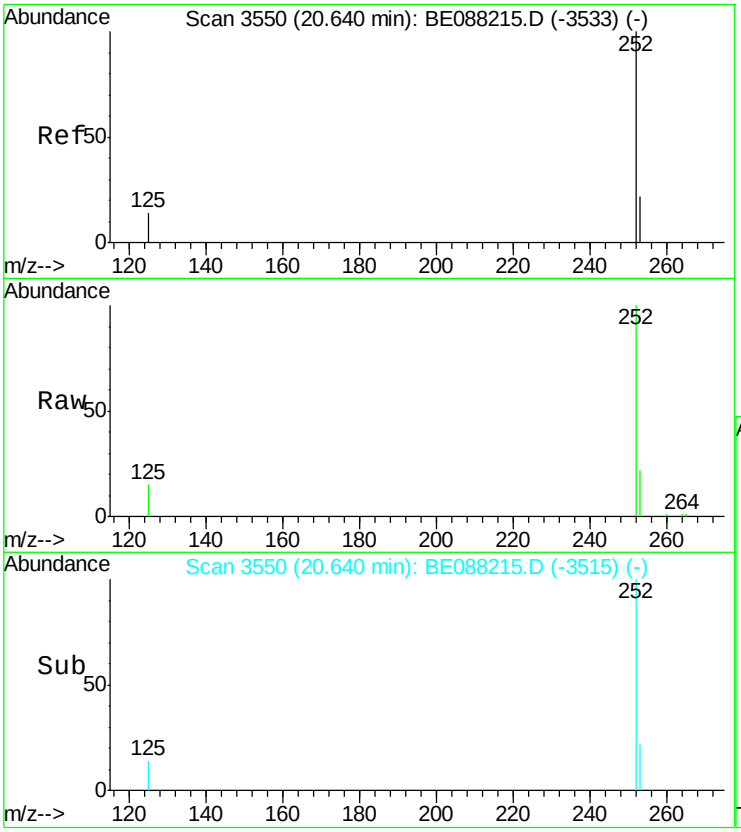


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:264 Resp: 72563

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.8	17.4	26.2





#23
Benzo(b)fluoranthene
Concen: 1.10 ng
RT: 20.64 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:252 Resp: 13057

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	15.2	12.2	18.2

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

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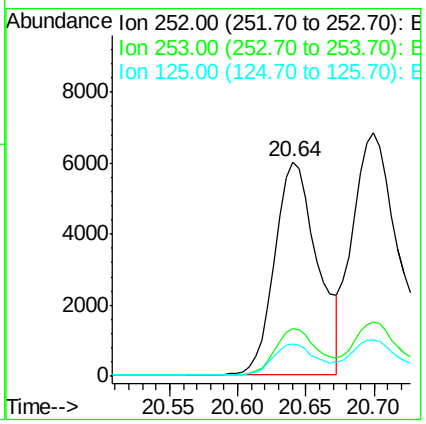
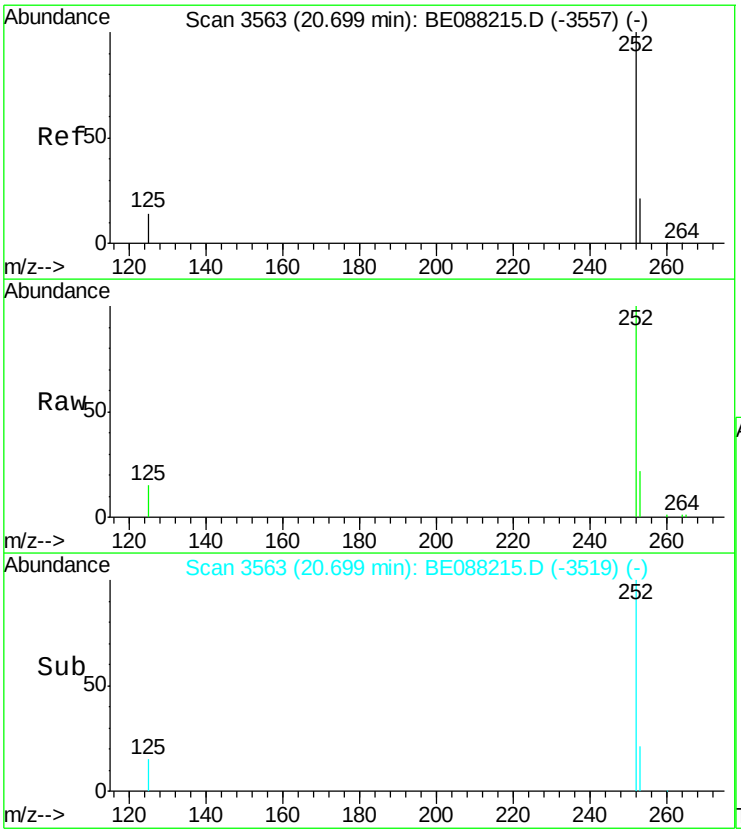
10/28/2014 12:22:26 PM

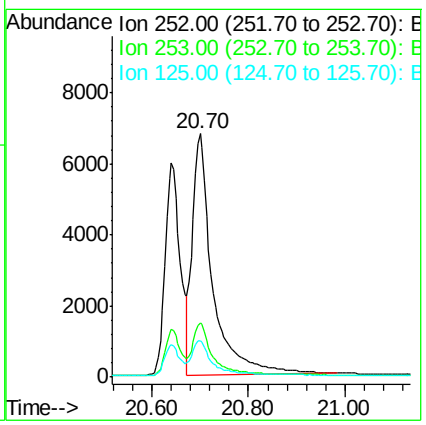


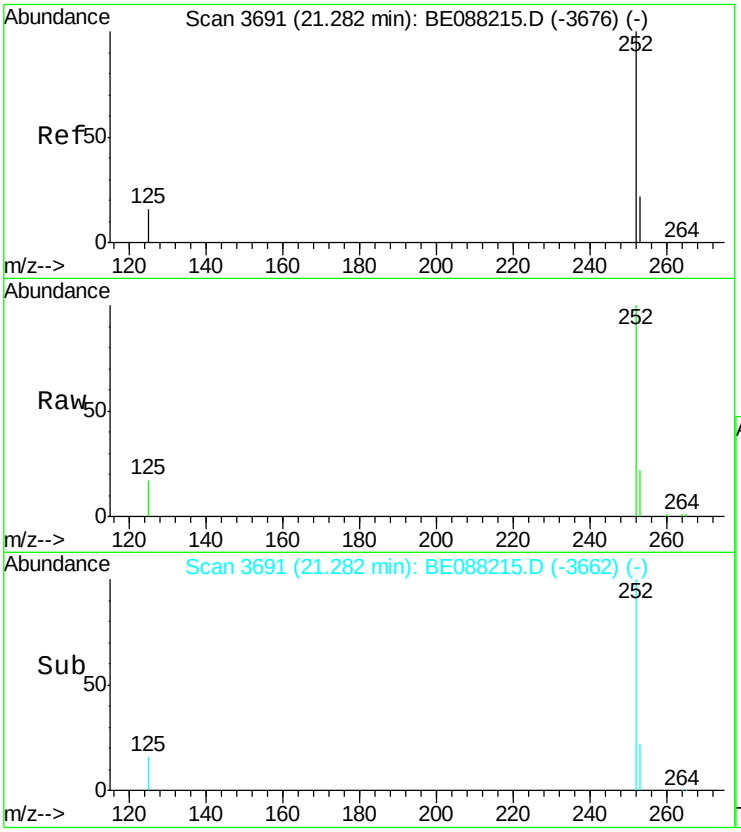


#24
Benzo(k)fluoranthene
Concen: 1.05 ng
RT: 20.70 min Scan# 3563
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:252 Resp: 19701

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	15.1	12.1	18.1

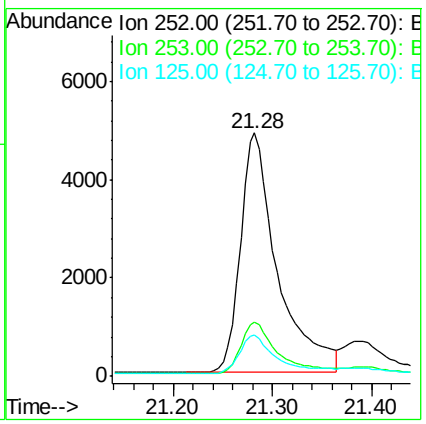




#25
Benzo(a)pyrene
Concen: 1.09 ng
RT: 21.28 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:252 Resp: 12726

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	16.9	13.5	20.3



Instrument :
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ClientSampleId :
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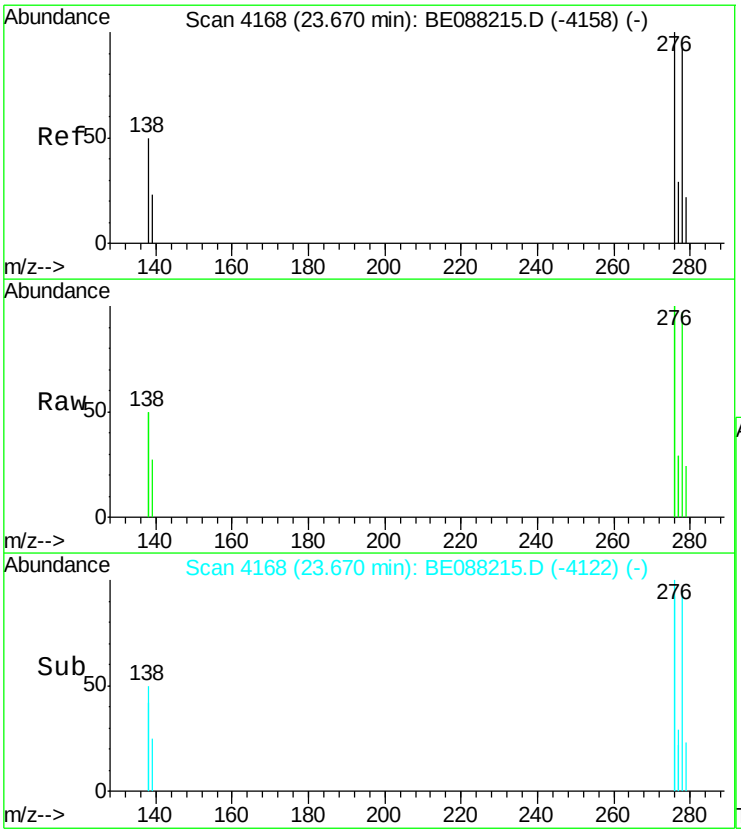
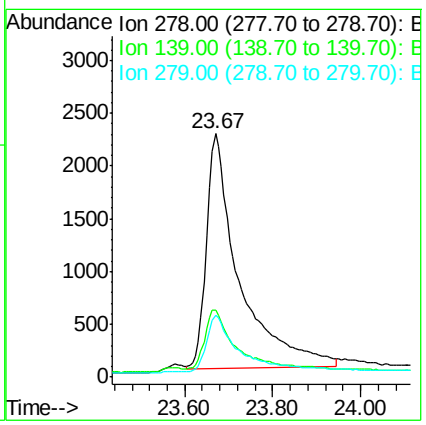
10/28/2014 12:22:26 PM

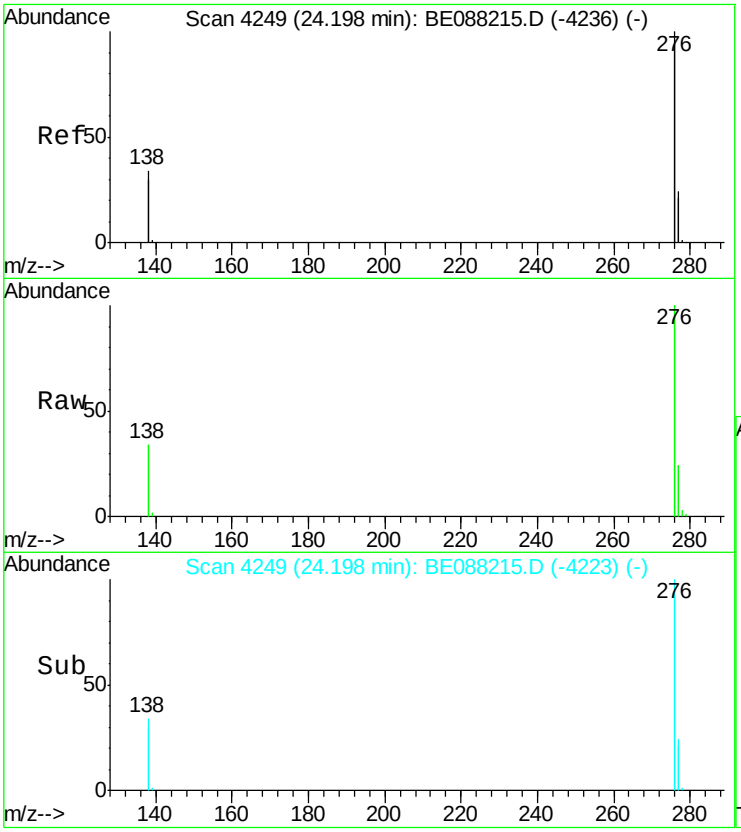


#26
Dibenzo(a,h)anthracene
Concen: 1.04 ng
RT: 23.67 min Scan# 4168
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:278 Resp: 11510

Ion	Ratio	Lower	Upper
278	100		
139	27.6	22.1	33.1
279	25.2	20.2	30.2

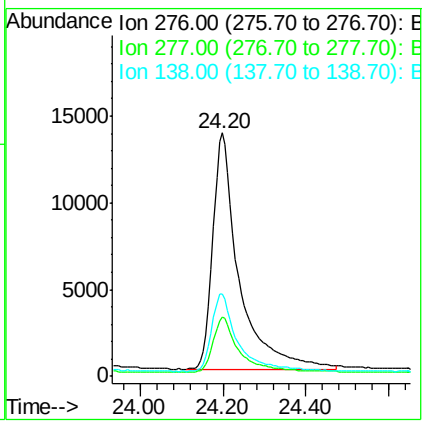




#27
Benzo(g,h,i)perylene
Concen: 1.03 ng
RT: 24.20 min Scan# 4249
Delta R.T. 0.00 min
Lab File: BE088215.D
Acq: 24 Oct 2014 16:34

Tgt Ion:276 Resp: 59740

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	34.1	27.3	40.9



Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

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