Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102714\
Data File : BE088322.D
Acq On : 27 Oct 2014 20:15
Operator : TP/JJ
Sample : SSTDICC002
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC002

Manual Integrations APPROVED
mohammad
10/29/2014 11:11:24 AM

Quant Time: Oct 28 10:09:50 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 28 01:17:45 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	54689	5.00	ng	0.00
3) Naphthalene-d8	8.67	136	209381	5.00	ng	0.00
7) Acenaphthene-d10	10.81	164	96539	5.00	ng	0.00
12) Phenanthrene-d10	12.93	188	187293	5.00	ng	0.00
16) Chrysene-d12	18.35	240	114362	5.00	ng	0.00
22) Perylene-d12	21.40	264	103641	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.79	82	32735	2.52	ng	0.00
8) 2-Fluorobiphenyl	10.01	172	56715	2.12	ng	0.00
18) Terphenyl-d14	16.10	244	42575	2.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	16051	2.11	ng	100
5) Naphthalene	8.69	128	89159	2.09	ng	100
6) 2-Methylnaphthalene	9.55	142	55961	2.16	ng	98
9) Acenaphthylene	10.64	152	326744	2.27	ng	100
10) Acenaphthene	10.85	154	46749	2.06	ng	99
11) Fluorene	11.52	166	53276	2.28	ng	99
13) Phenanthrene	12.96	178	367072	2.06	ng	98
14) Anthracene	13.05	178	291295	2.19	ng	100
15) Fluoranthene	15.20	202	65368	2.37	ng	100
17) Pyrene	15.66	202	68993	2.20	ng	100
19) Benzo(a)anthracene	18.32	228	210289	2.32	ng	100
20) Chrysene	18.40	228	207330	2.05	ng	100
21) Indeno(1,2,3-cd)pyrene	23.58	276	221085m	2.89	ng	
23) Benzo(b)fluoranthene	20.64	252	49156	2.80	ng	99
24) Benzo(k)fluoranthene	20.70	252	52462	1.99	ng	99
25) Benzo(a)pyrene	21.28	252	46575	2.75	ng	99
26) Dibenzo(a,h)anthracene	23.68	278	44225	2.78	ng	98
27) Benzo(g,h,i)perylene	24.21	276	193102	2.32	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102714\
Data File : BE088322.D
Acq On : 27 Oct 2014 20:15
Operator : TP/JJ
Sample : SSTDICC002
Misc :
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Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
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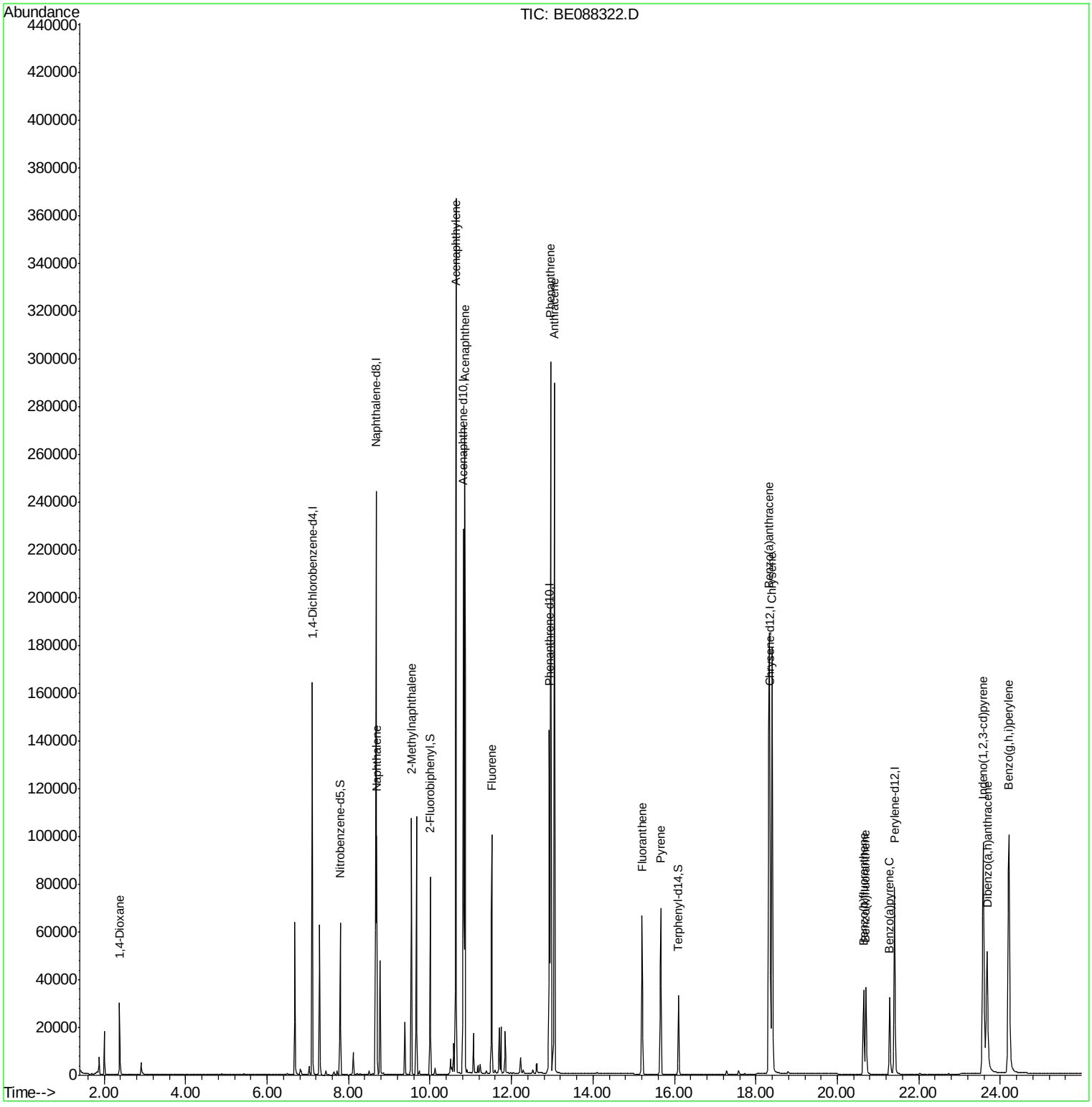
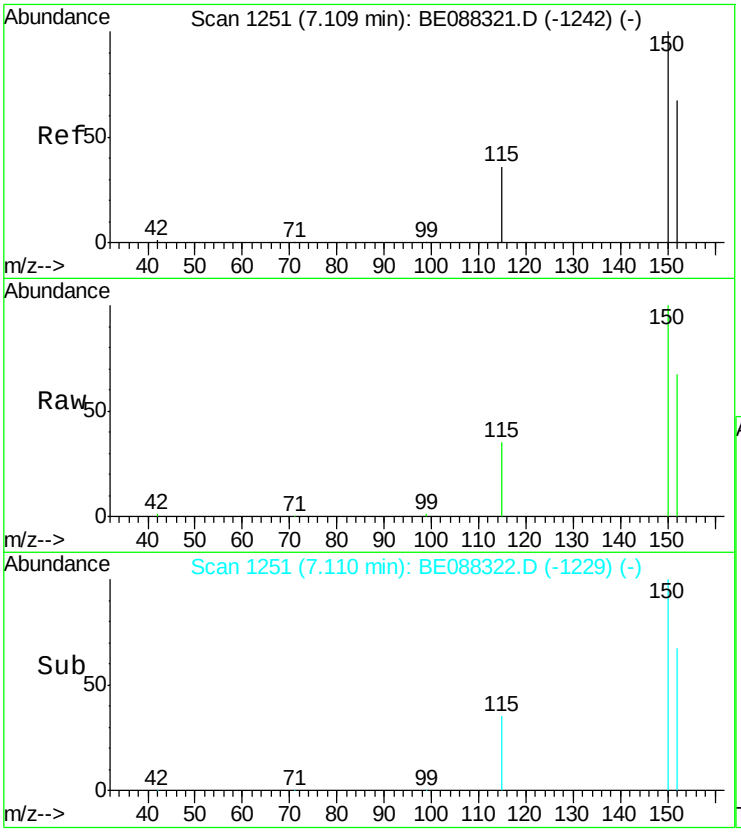
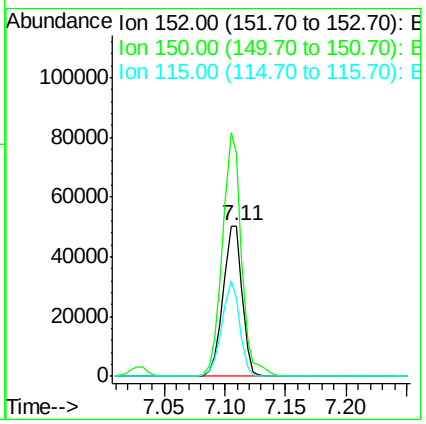




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:152 Resp: 54689

Ion	Ratio	Lower	Upper
152	100		
150	148.5	119.3	178.9
115	52.4	42.6	64.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
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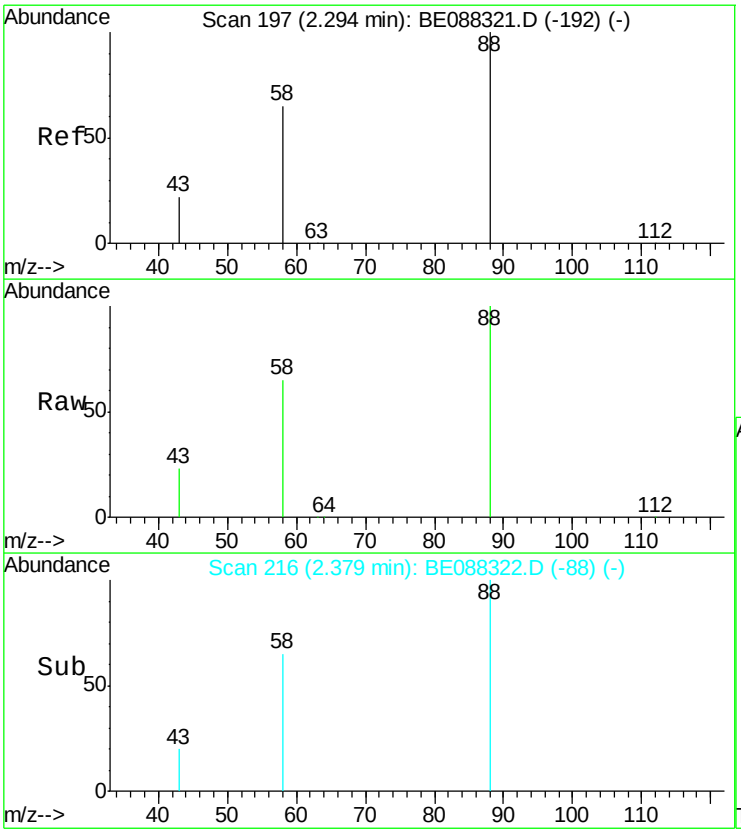
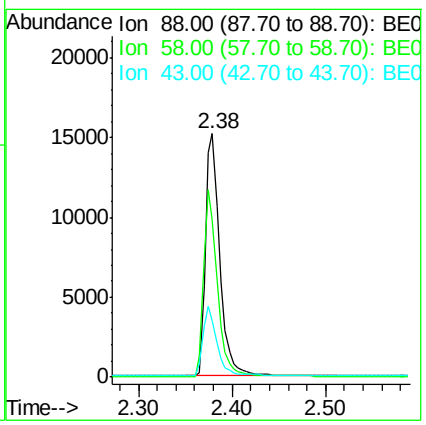
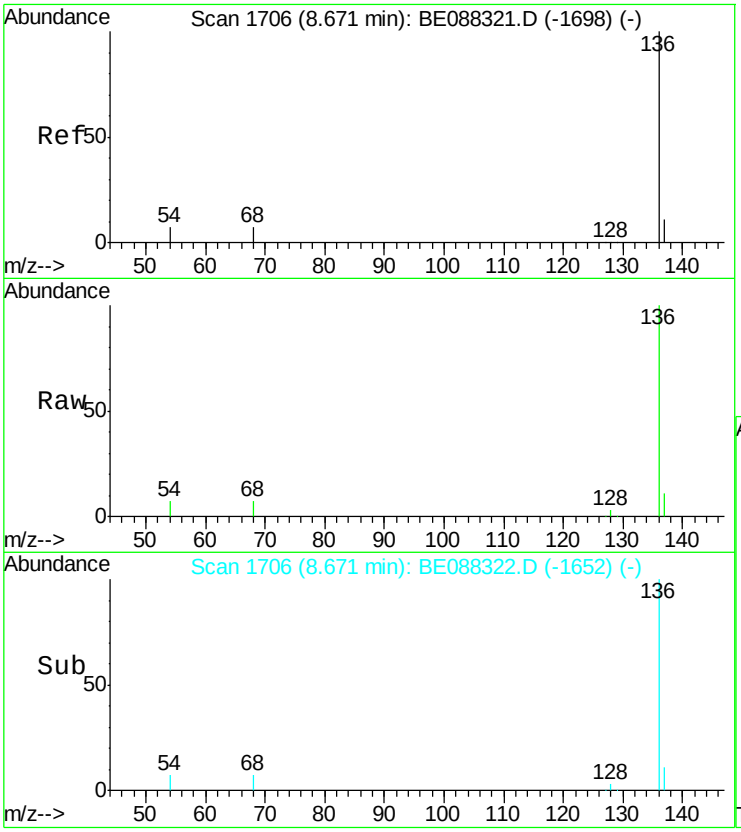


#2
1,4-Dioxane
Concen: 2.11 ng
RT: 2.38 min Scan# 216
Delta R.T. 0.08 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion: 88 Resp: 16051

Ion	Ratio	Lower	Upper
88	100		
58	74.1	59.4	89.0
43	27.2	21.4	32.2

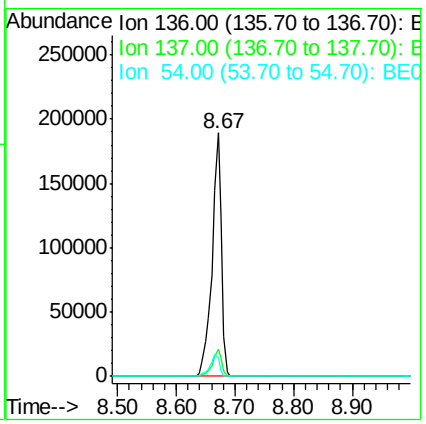




#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.67 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:136 Resp: 209381

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	5.5	8.3



Instrument :
BNA_E
ClientSampleId :
SSTDICC002

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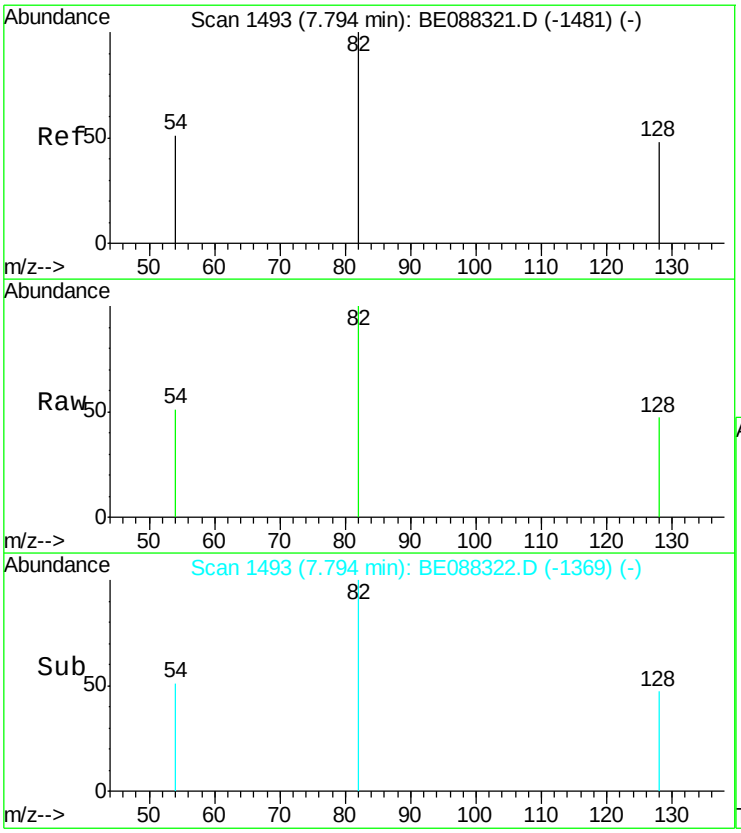
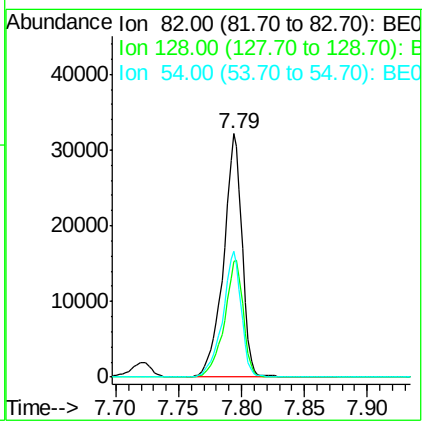
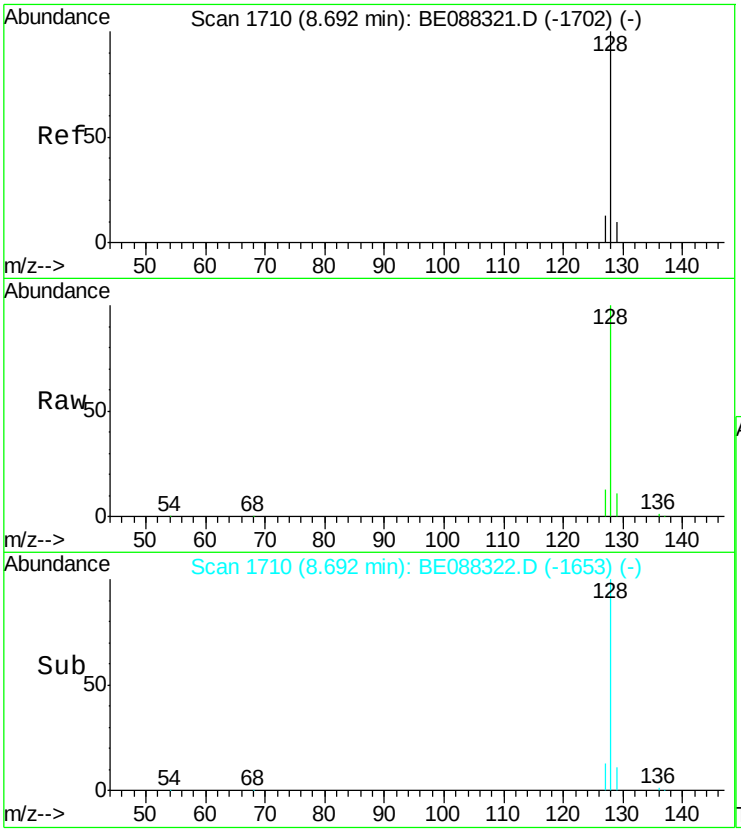


#4
Nitrobenzene-d5
Concen: 2.52 ng
RT: 7.79 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion: 82 Resp: 32735

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.7	58.1
54	51.4	41.0	61.4

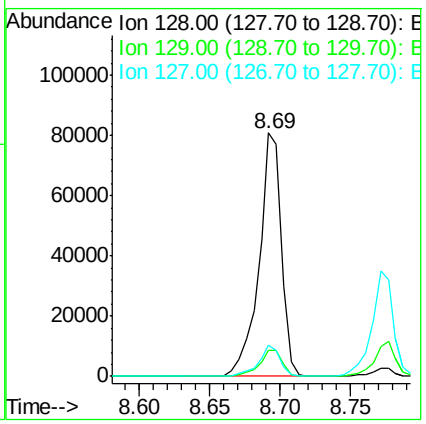




#5
Naphthalene
Concen: 2.09 ng
RT: 8.69 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:128 Resp: 89159

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	12.6	10.2	15.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
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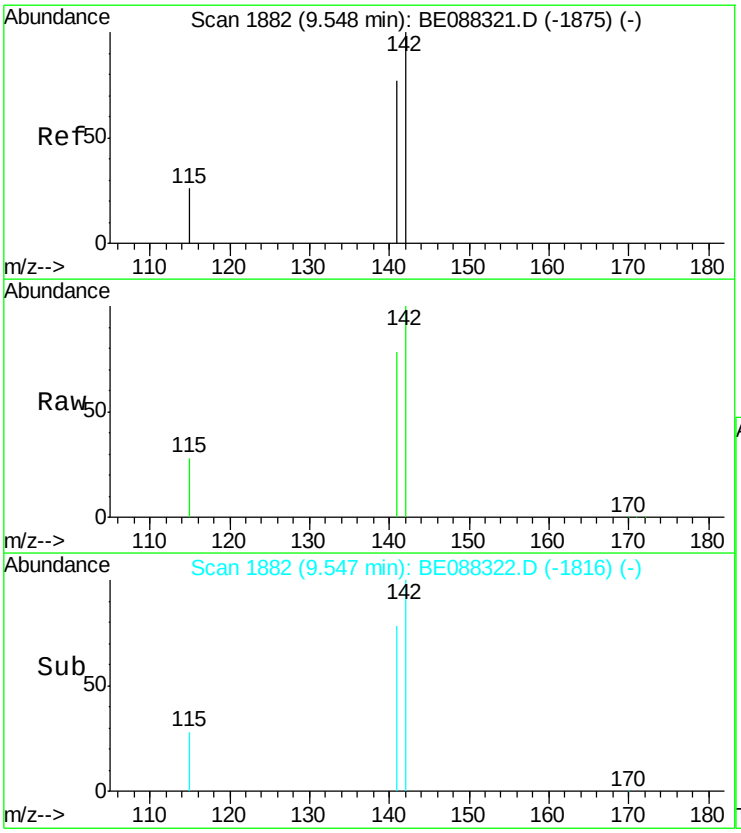
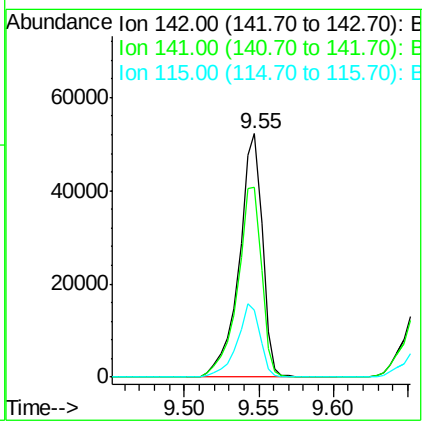
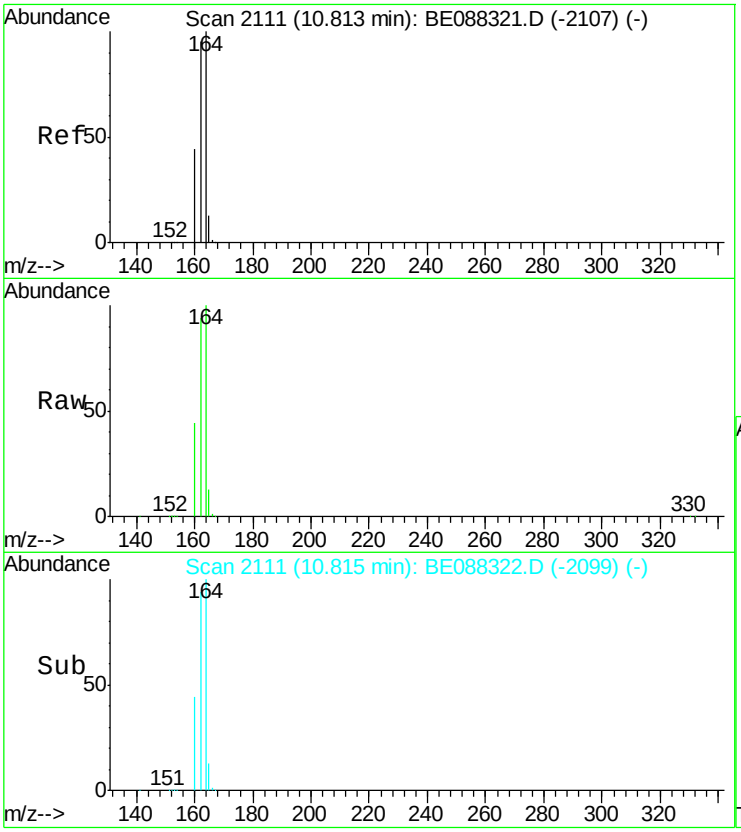


#6
2-Methylnaphthalene
Concen: 2.16 ng
RT: 9.55 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:142 Resp: 55961

Ion	Ratio	Lower	Upper
142	100		
141	78.1	61.4	92.0
115	27.6	21.0	31.6

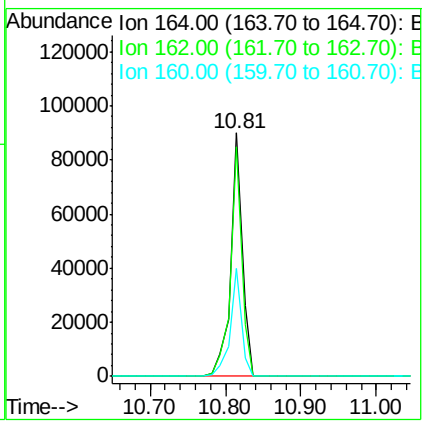




#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.81 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:164 Resp: 96539

Ion	Ratio	Lower	Upper
164	100		
162	94.1	75.7	113.5
160	44.3	35.6	53.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
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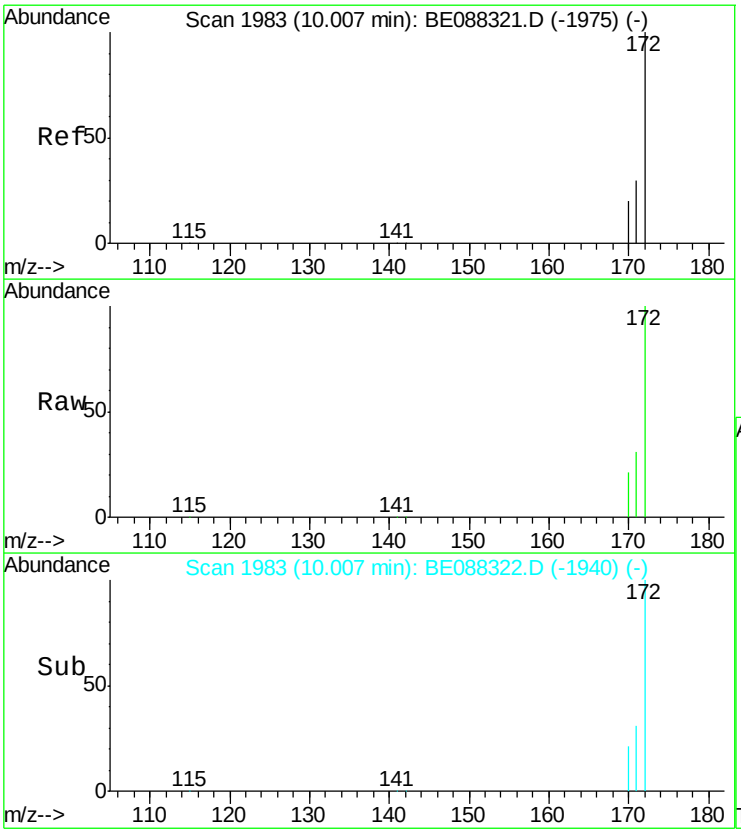
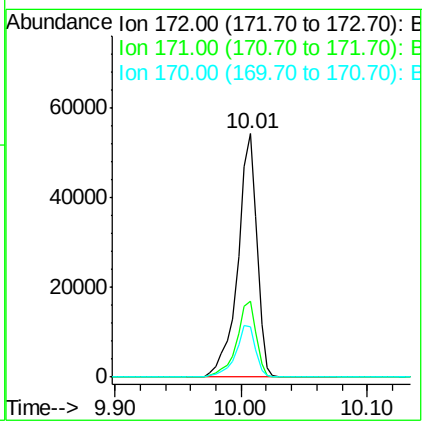
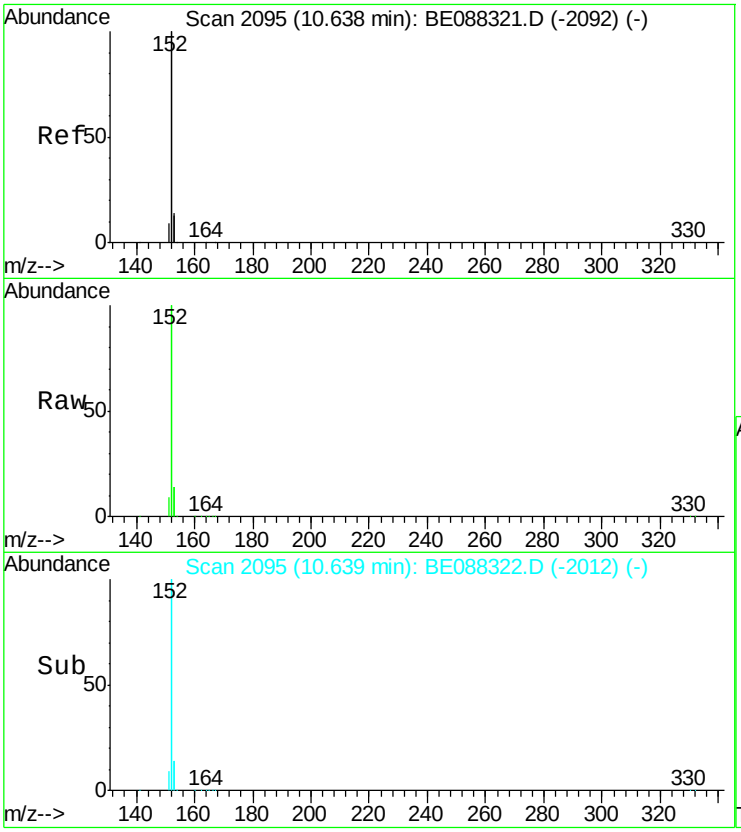


#8
2-Fluorobiphenyl
Concen: 2.12 ng
RT: 10.01 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:172 Resp: 56715

Ion	Ratio	Lower	Upper
172	100		
171	31.3	24.5	36.7
170	20.7	15.8	23.6

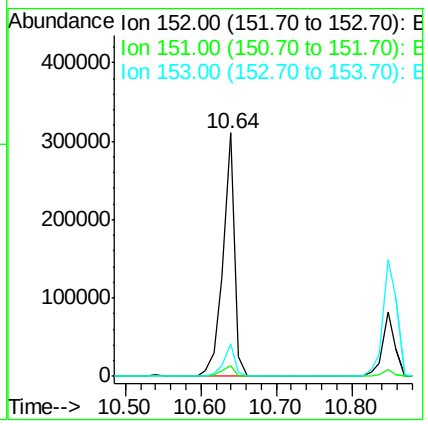




#9
Acenaphthylene
Concen: 2.27 ng
RT: 10.64 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:152 Resp: 326744

Ion	Ratio	Lower	Upper
152	100		
151	4.6	3.7	5.5
153	12.9	10.5	15.7



Instrument :
BNA_E
ClientSampleId :
SSTDICC002

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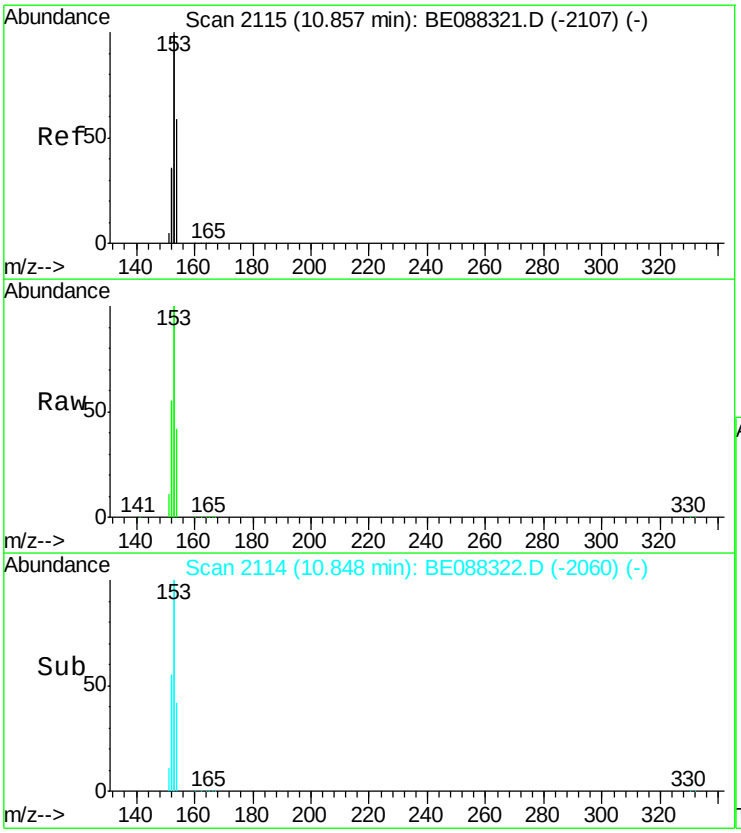
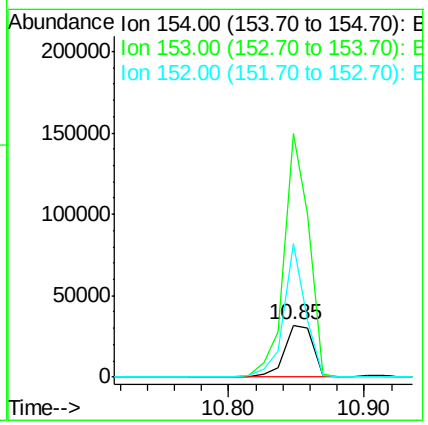
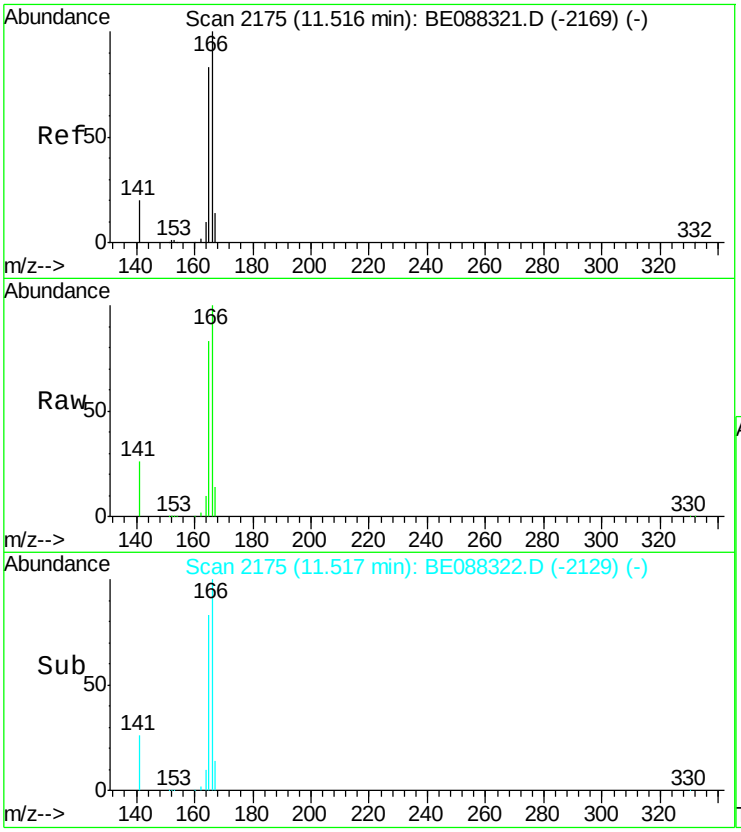


#10
Acenaphthene
Concen: 2.06 ng
RT: 10.85 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:154 Resp: 46749

Ion	Ratio	Lower	Upper
154	100		
153	406.7	323.8	485.6
152	195.7	154.8	232.2

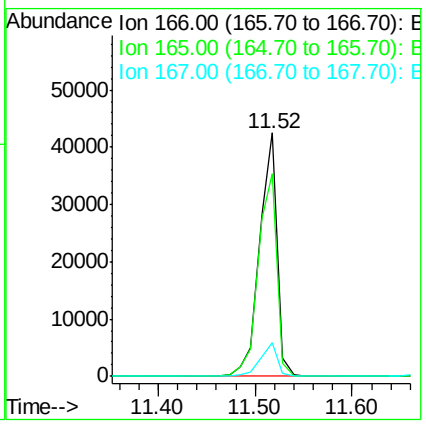




#11
Fluorene
Concen: 2.28 ng
RT: 11.52 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:166 Resp: 53276

Ion	Ratio	Lower	Upper
166	100		
165	89.0	70.6	105.8
167	13.4	10.7	16.1



Instrument :
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ClientSampleId :
SSTDICC002

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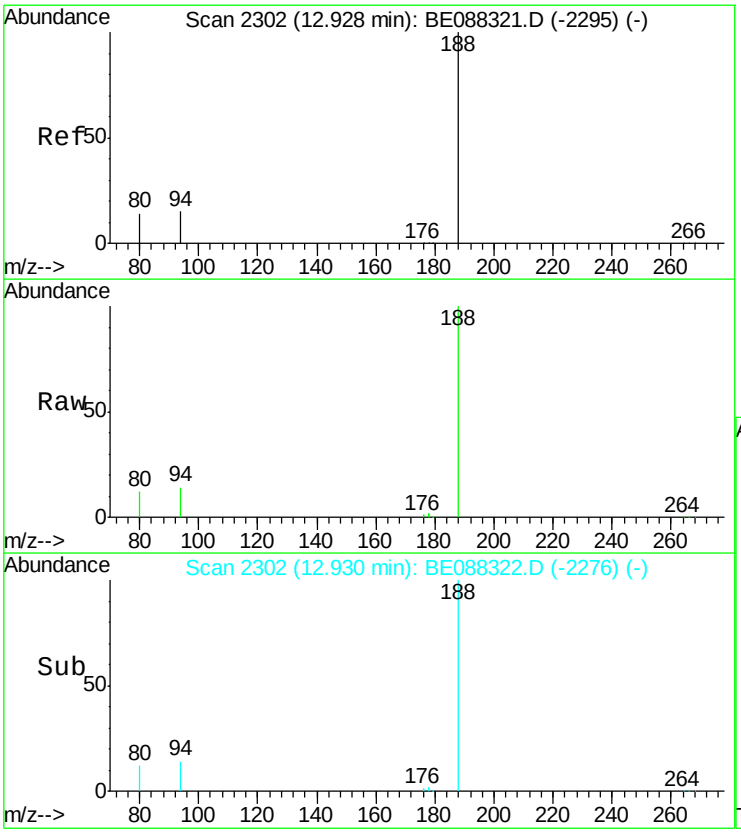
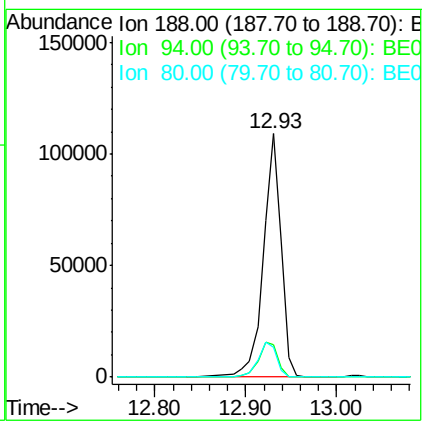
10/29/2014 11:11:24 AM

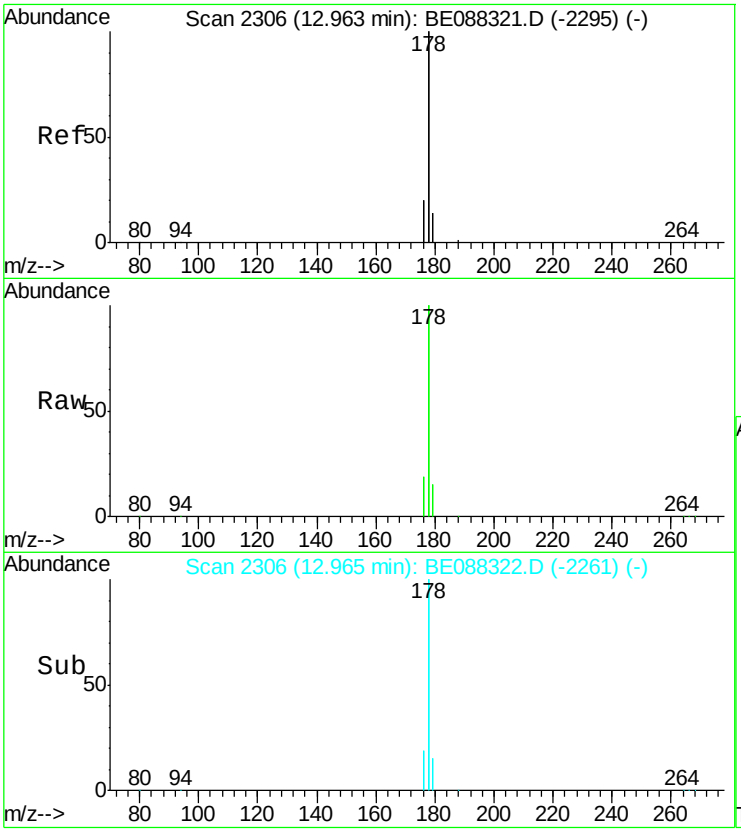


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.93 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:188 Resp: 187293

Ion	Ratio	Lower	Upper
188	100		
94	13.6	12.0	18.0
80	12.3	11.3	16.9

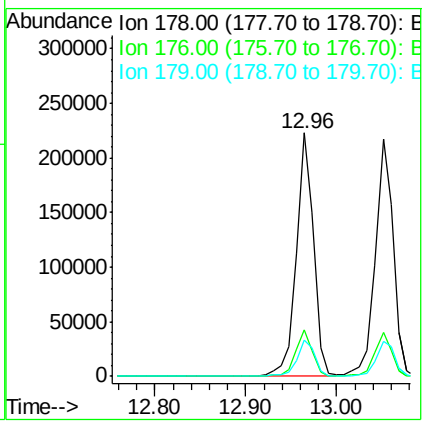




#13
Phenanthrene
Concen: 2.06 ng
RT: 12.96 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:178 Resp: 367072

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.7	13.2	19.8



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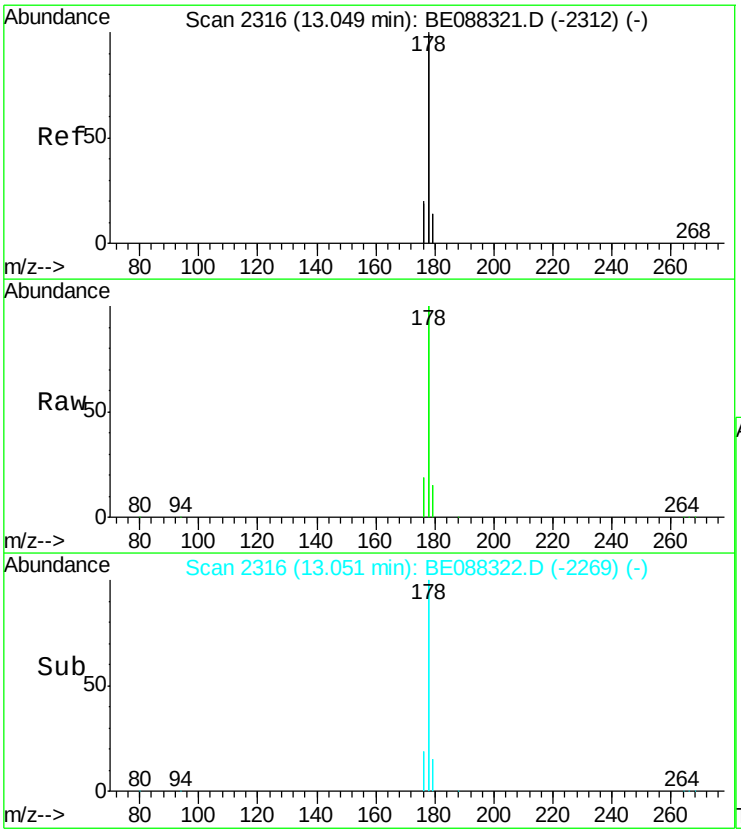
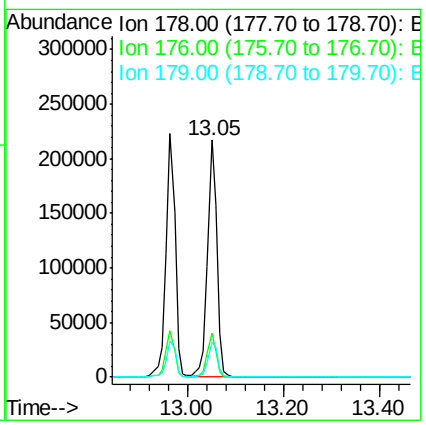
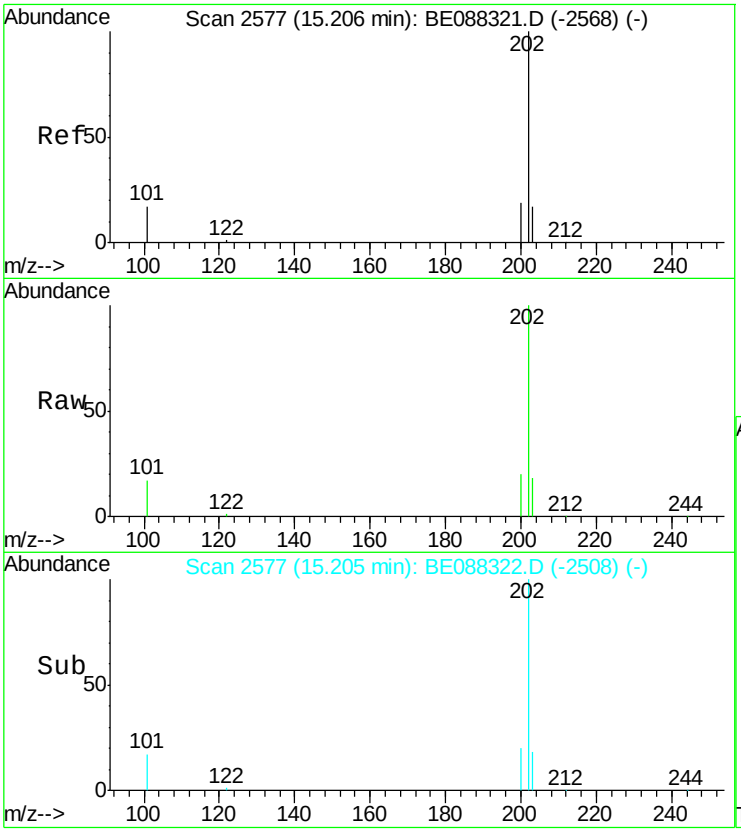


#14
Anthracene
Concen: 2.19 ng
RT: 13.05 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:178 Resp: 291295

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.6	12.6	18.8





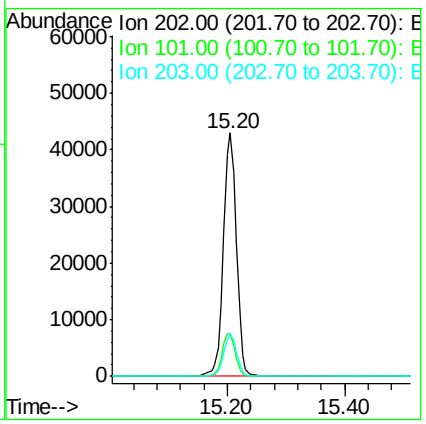
#15
Fluoranthene
Concen: 2.37 ng
RT: 15.20 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

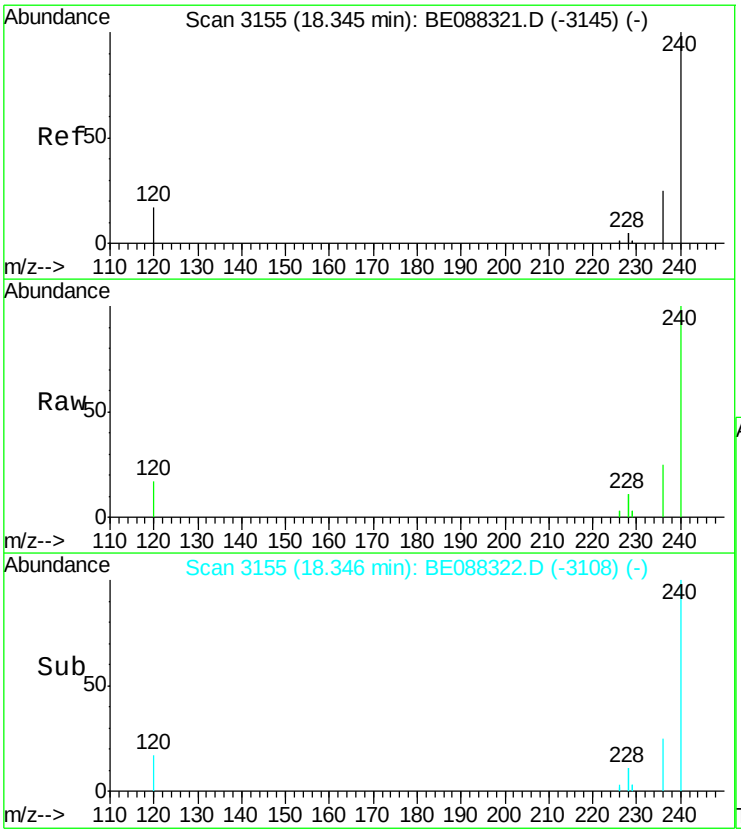
Tgt Ion:202 Resp: 65368

Ion	Ratio	Lower	Upper
202	100		
101	17.9	14.6	21.8
203	17.1	13.8	20.6

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
mohammad
10/29/2014 11:11:24 AM

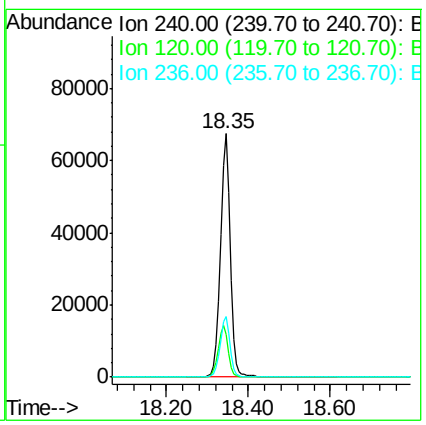


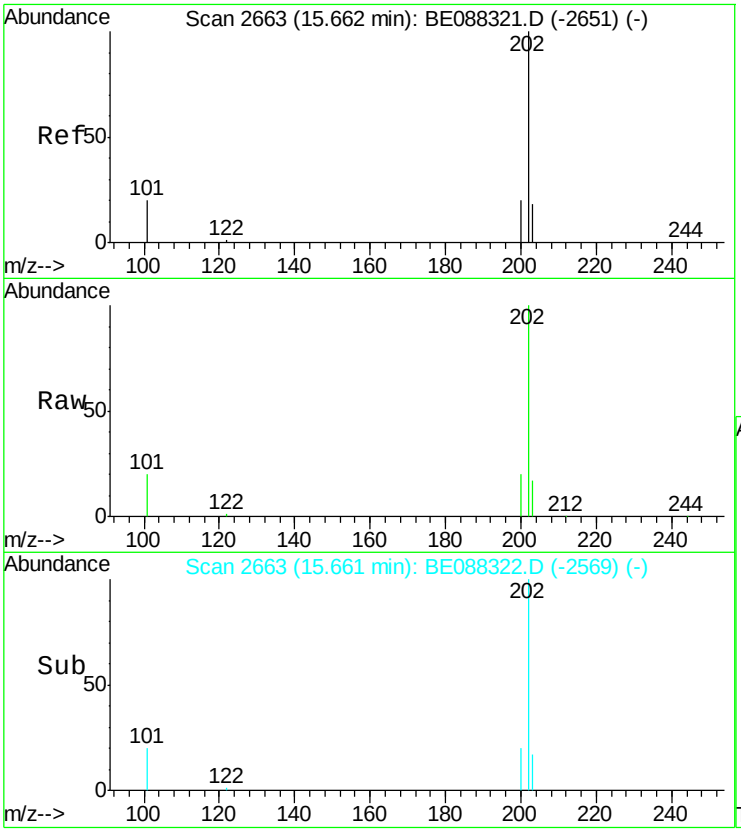


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.35 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:240 Resp: 114362

Ion	Ratio	Lower	Upper
240	100		
120	17.3	13.4	20.0
236	25.0	20.0	30.0

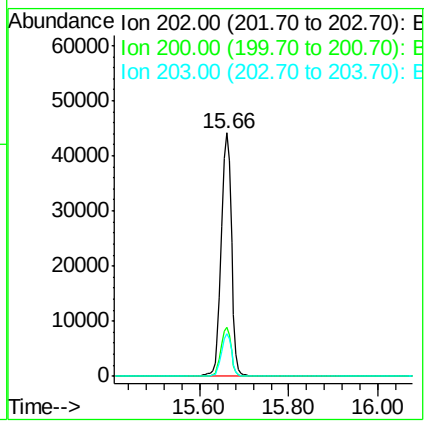




#17
Pyrene
Concen: 2.20 ng
RT: 15.66 min Scan# 2663
Delta R.T. -0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:202 Resp: 68993

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.3	13.9	20.9



Instrument :
BNA_E
ClientSampleId :
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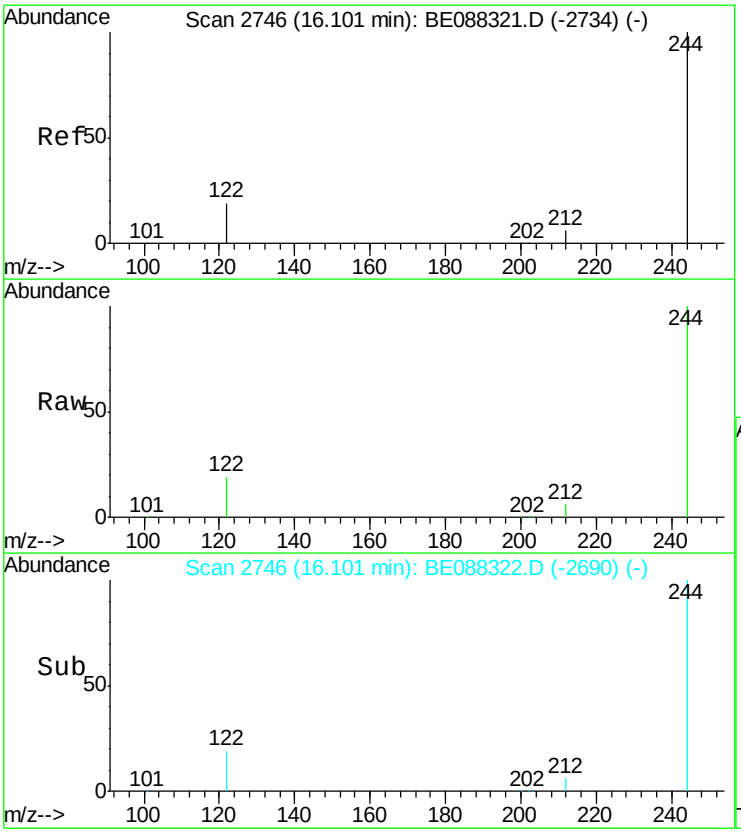
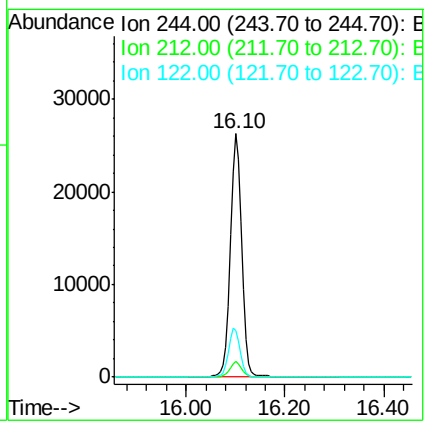
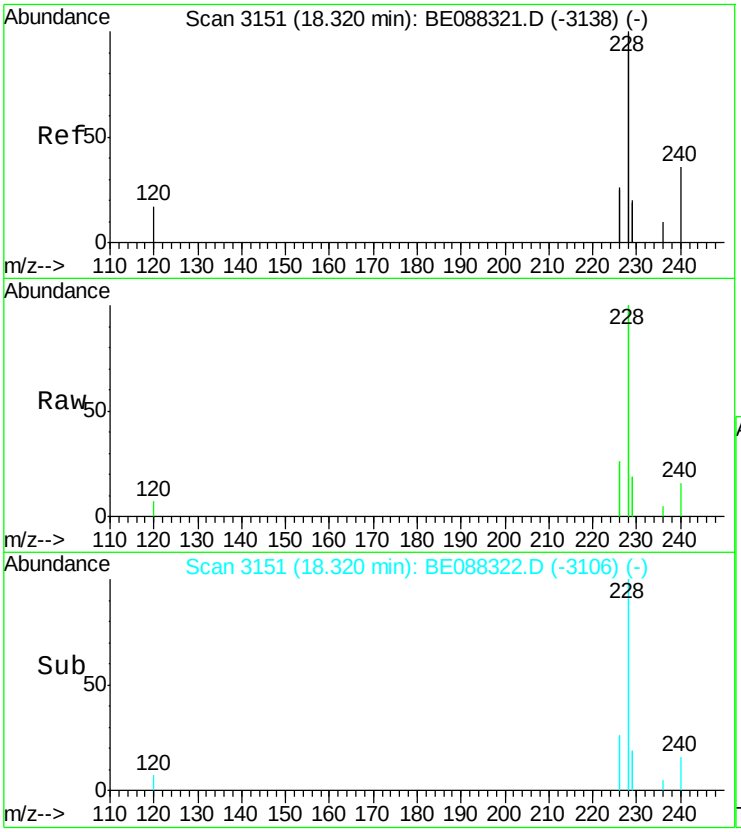


#18
Terphenyl-d14
Concen: 2.25 ng
RT: 16.10 min Scan# 2746
Delta R.T. -0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:244 Resp: 42575

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.1	7.7
122	19.2	15.8	23.8

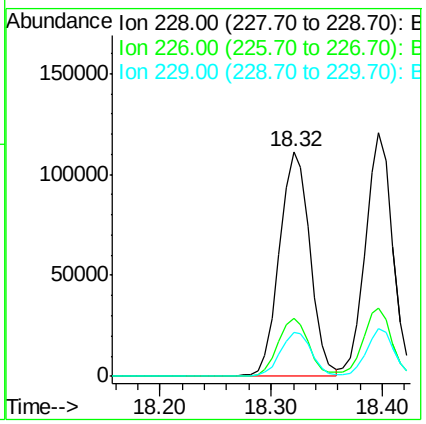




#19
Benzo(a)anthracene
Concen: 2.32 ng
RT: 18.32 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:228 Resp: 210289

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	19.5	15.7	23.5



Instrument :
BNA_E
ClientSampleId :
SSTDICC002

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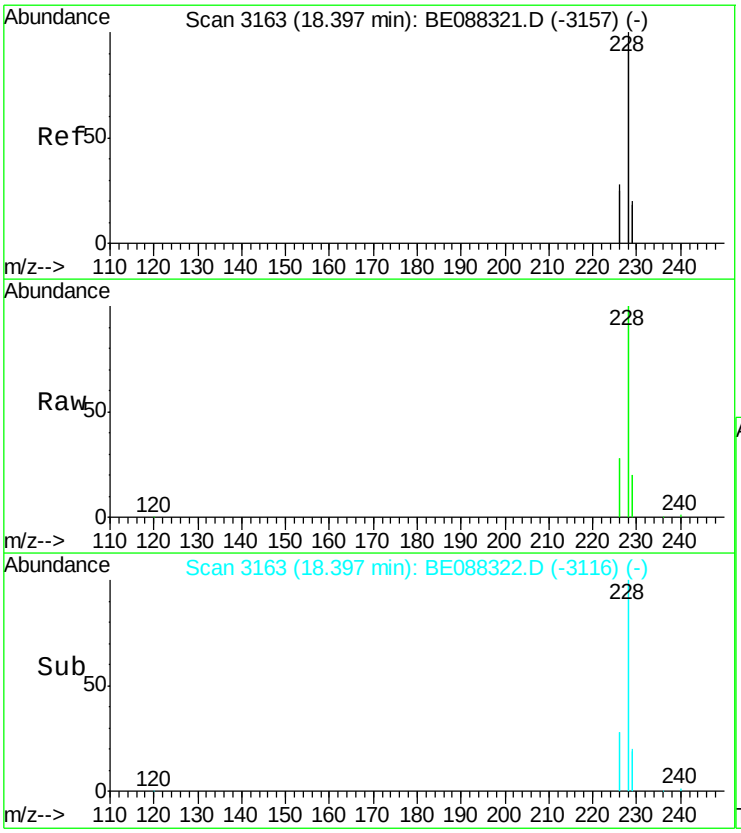
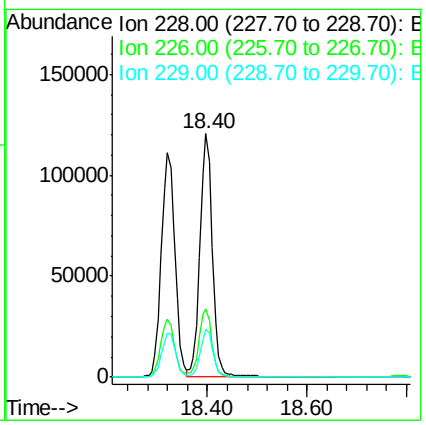
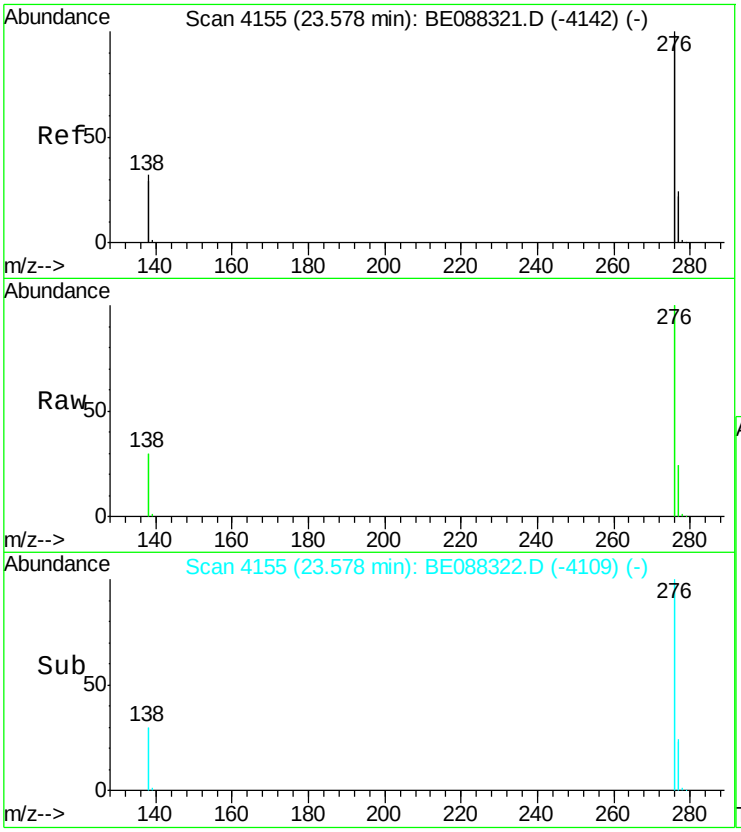


#20
Chrysene
Concen: 2.05 ng
RT: 18.40 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:228 Resp: 207330

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	19.6	15.6	23.4

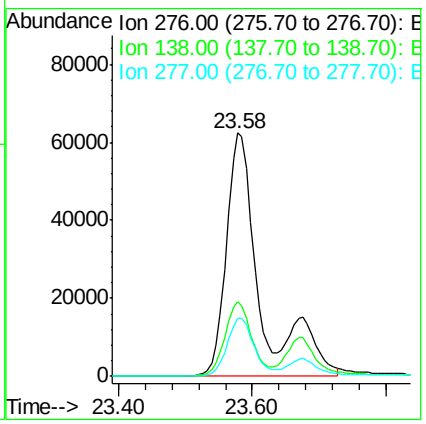




#21
Indeno(1,2,3-cd)pyrene
Concen: 2.89 ng m
RT: 23.58 min Scan# 4155
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:276 Resp: 221085

Ion	Ratio	Lower	Upper
276	100		
138	23.6	24.6	37.0#
277	18.6	19.0	28.6#



Instrument :
BNA_E
ClientSampleId :
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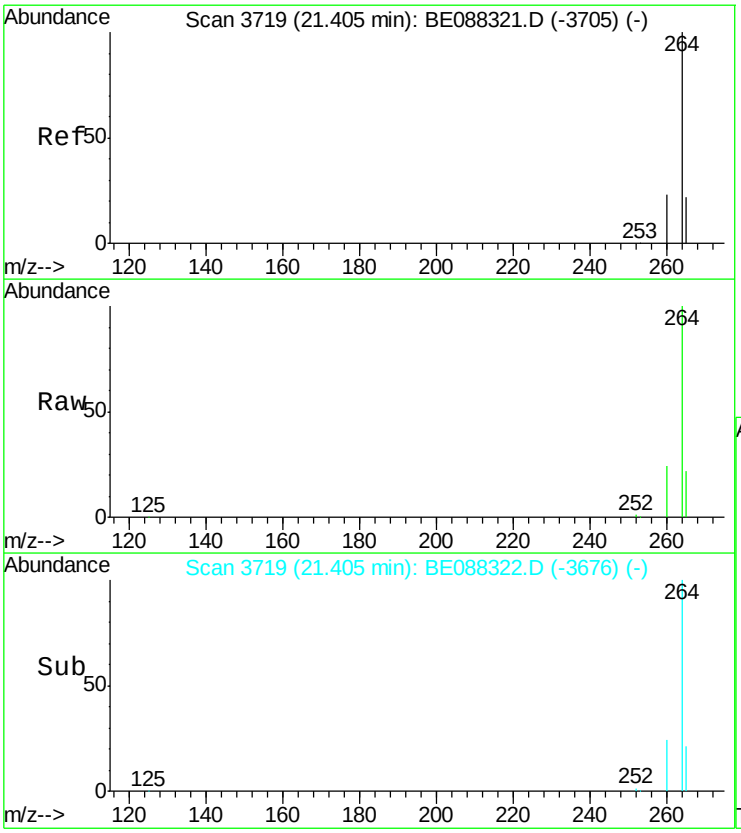
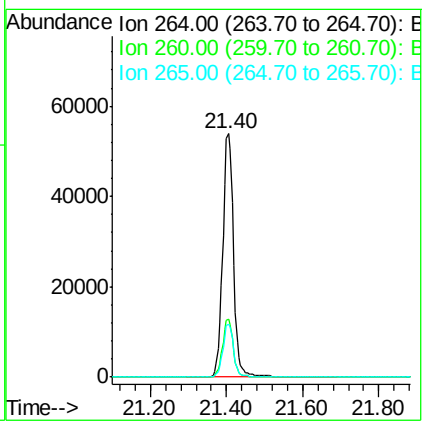
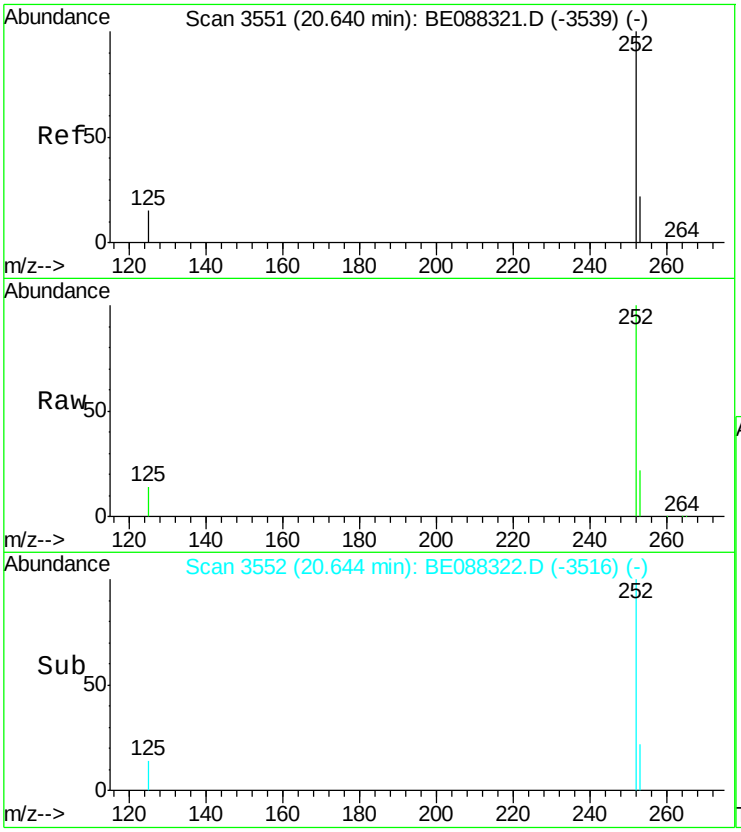


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:264 Resp: 103641

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.5	17.4	26.0





#23
Benzo(b)fluoranthene
Concen: 2.80 ng
RT: 20.64 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:252 Resp: 49156

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	14.4	12.2	18.2

Instrument :
BNA_E
ClientSampleId :
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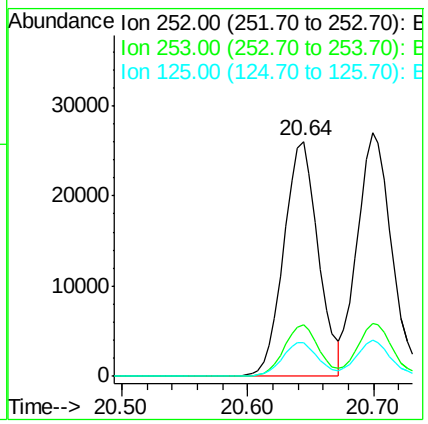
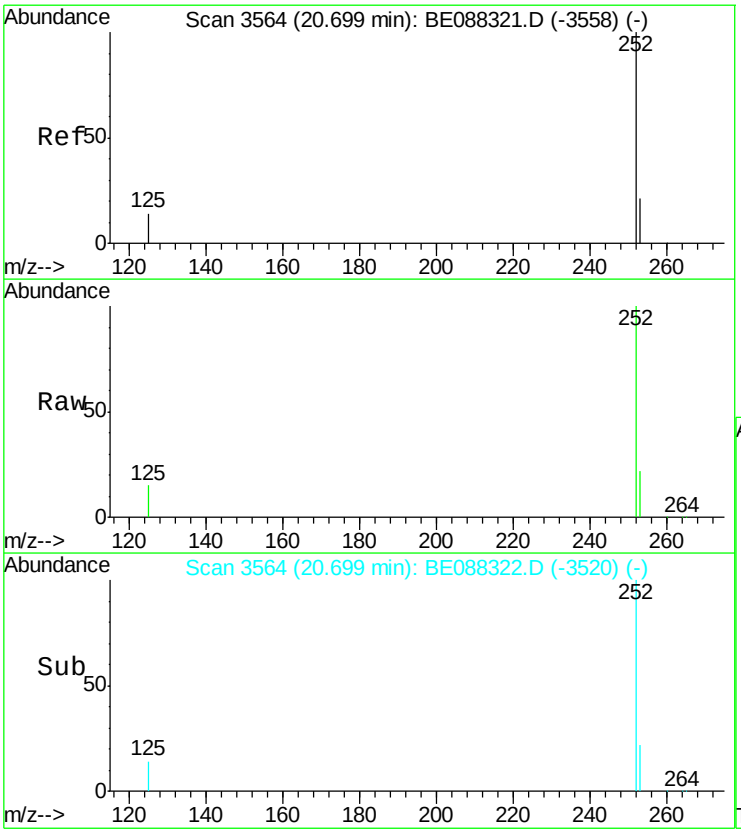
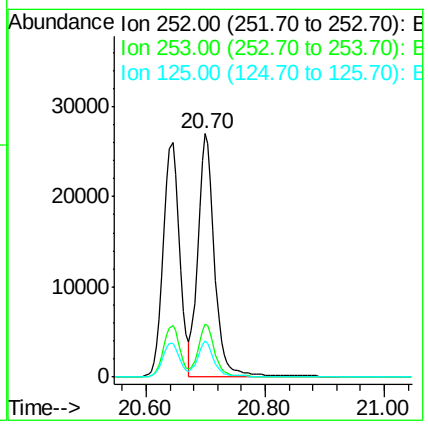


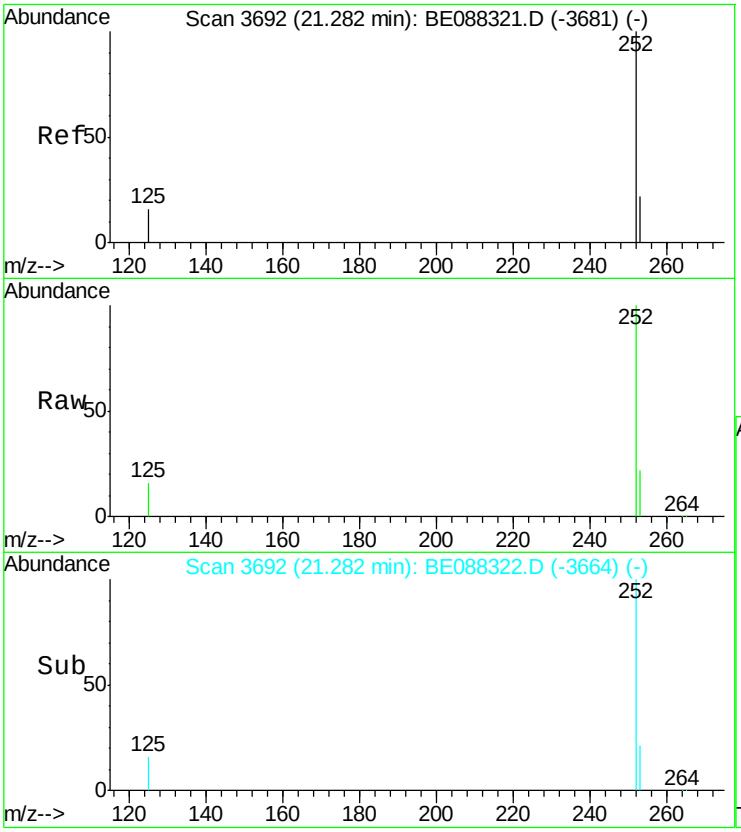


#24
Benzo(k)fluoranthene
Concen: 1.99 ng
RT: 20.70 min Scan# 3564
Delta R.T. -0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:252 Resp: 52462

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	14.7	11.9	17.9

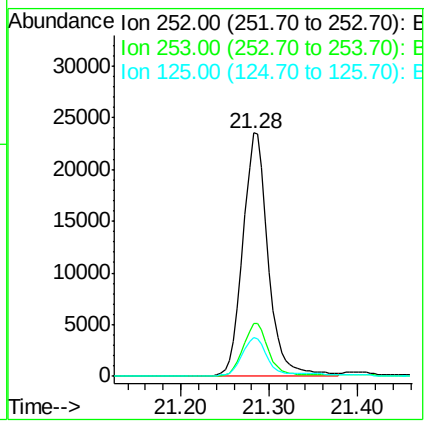




#25
Benzo(a)pyrene
Concen: 2.75 ng
RT: 21.28 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:252 Resp: 46575

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	15.9	13.2	19.8



Instrument :
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ClientSampleId :
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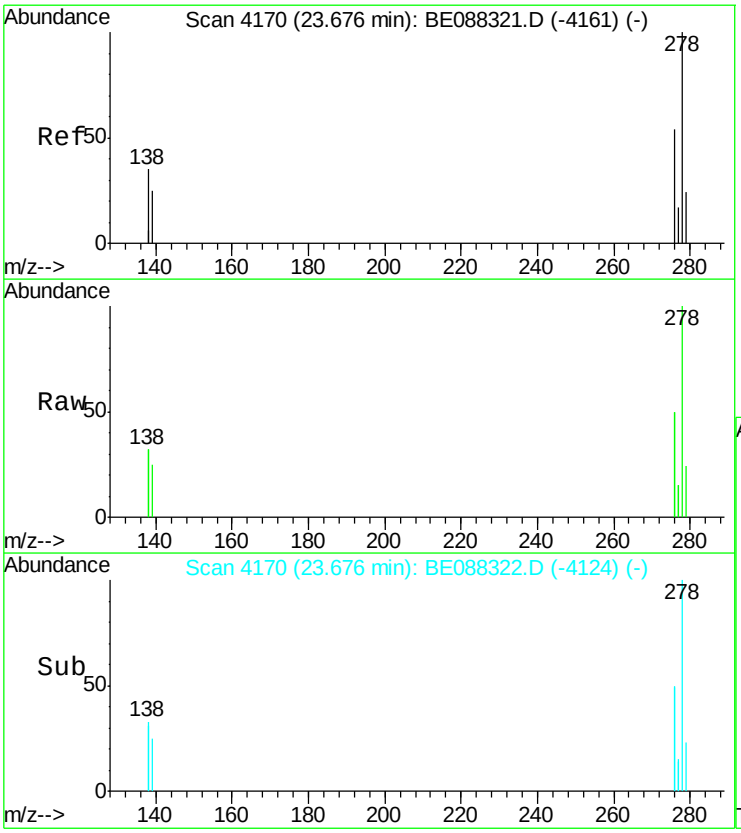
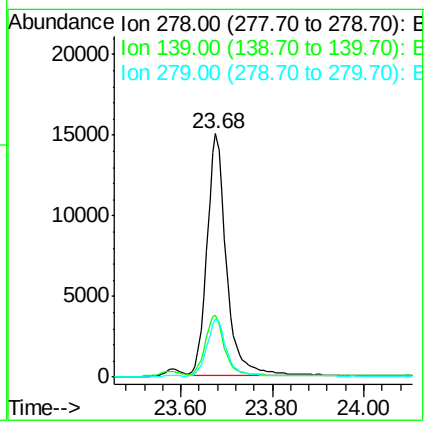
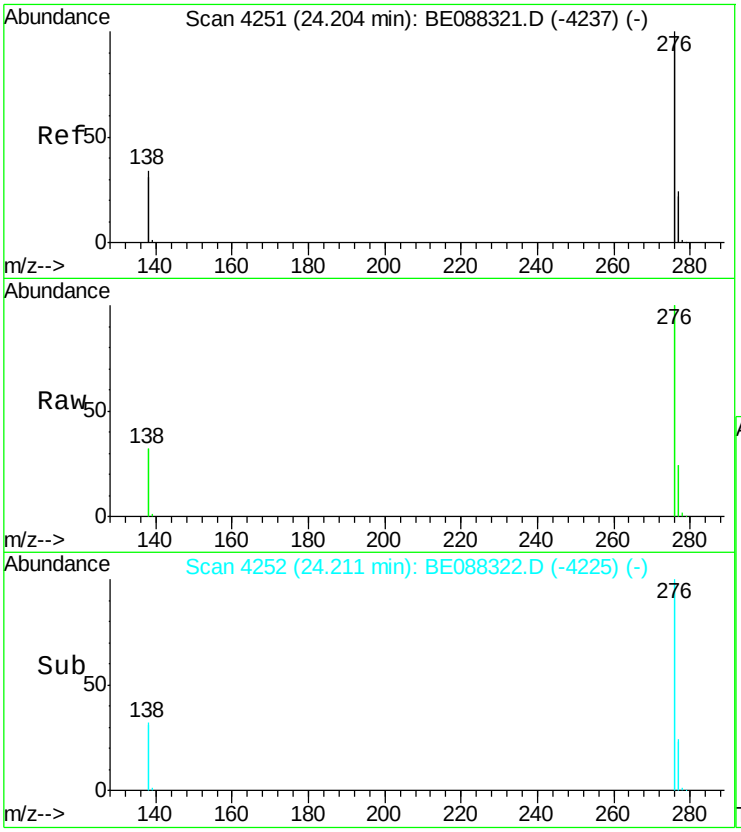


#26
Dibenzo(a,h)anthracene
Concen: 2.78 ng
RT: 23.68 min Scan# 4170
Delta R.T. 0.00 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:278 Resp: 44225

Ion	Ratio	Lower	Upper
278	100		
139	25.2	21.0	31.4
279	23.6	19.8	29.8

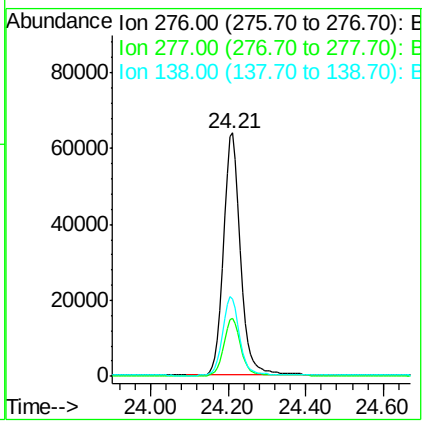




#27
Benzo(g,h,i)perylene
Concen: 2.32 ng
RT: 24.21 min Scan# 4252
Delta R.T. 0.01 min
Lab File: BE088322.D
Acq: 27 Oct 2014 20:15

Tgt Ion:276 Resp: 193102

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	31.8	27.0	40.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC002

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