Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
Data File : BE088158.D
Acq On : 22 Oct 2014 00:09
Operator : TP/JJ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Manual Integrations APPROVED
mohammad
10/22/2014 1:54:12 PM

Quant Time: Oct 22 05:06:57 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 21 02:11:14 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	29152	5.00	ng	0.00
3) Naphthalene-d8	8.70	136	114983	5.00	ng	0.00
7) Acenaphthene-d10	10.85	164	59038	5.00	ng	0.00
12) Phenanthrene-d10	12.96	188	92029	5.00	ng	0.00
16) Chrysene-d12	18.38	240	65697	5.00	ng	0.00
22) Perylene-d12	21.44	264	51276	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.82	82	9398	1.13	ng	0.00
8) 2-Fluorobiphenyl	10.03	172	26891	1.65	ng	0.00
18) Terphenyl-d14	16.14	244	26224	2.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	4362	1.04	ng	99
5) Naphthalene	8.72	128	24035	1.01	ng	99
6) 2-Methylnaphthalene	9.58	142	14766	1.04	ng	98
9) Acenaphthylene	10.67	152	84093	0.93	ng	100
10) Acenaphthene	10.88	154	12724	0.92	ng	98
11) Fluorene	11.55	166	14061	0.96	ng	100
13) Phenanthrene	13.01	178	79749	1.00	ng	96
14) Anthracene	13.09	178	76989	1.07	ng	100
15) Fluoranthene	15.25	202	17484	1.00	ng	99
17) Pyrene	15.70	202	18235	1.02	ng	100
19) Benzo(a)anthracene	18.36	228	49400	0.85	ng	99
20) Chrysene	18.44	228	53744	0.94	ng	100
21) Indeno(1,2,3-cd)pyrene	23.63	276	41615m	0.65	ng	
23) Benzo(b)fluoranthene	20.68	252	9710	0.80	ng	100
24) Benzo(k)fluoranthene	20.74	252	12207	0.93	ng	99
25) Benzo(a)pyrene	21.32	252	9046	0.80	ng	99
26) Dibenzo(a,h)anthracene	23.73	278	8493	0.77	ng	99
27) Benzo(g,h,i)perylene	24.26	276	41715	0.86	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
Data File : BE088158.D
Acq On : 22 Oct 2014 00:09
Operator : TP/JJ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 22 05:06:57 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 21 02:11:14 2014
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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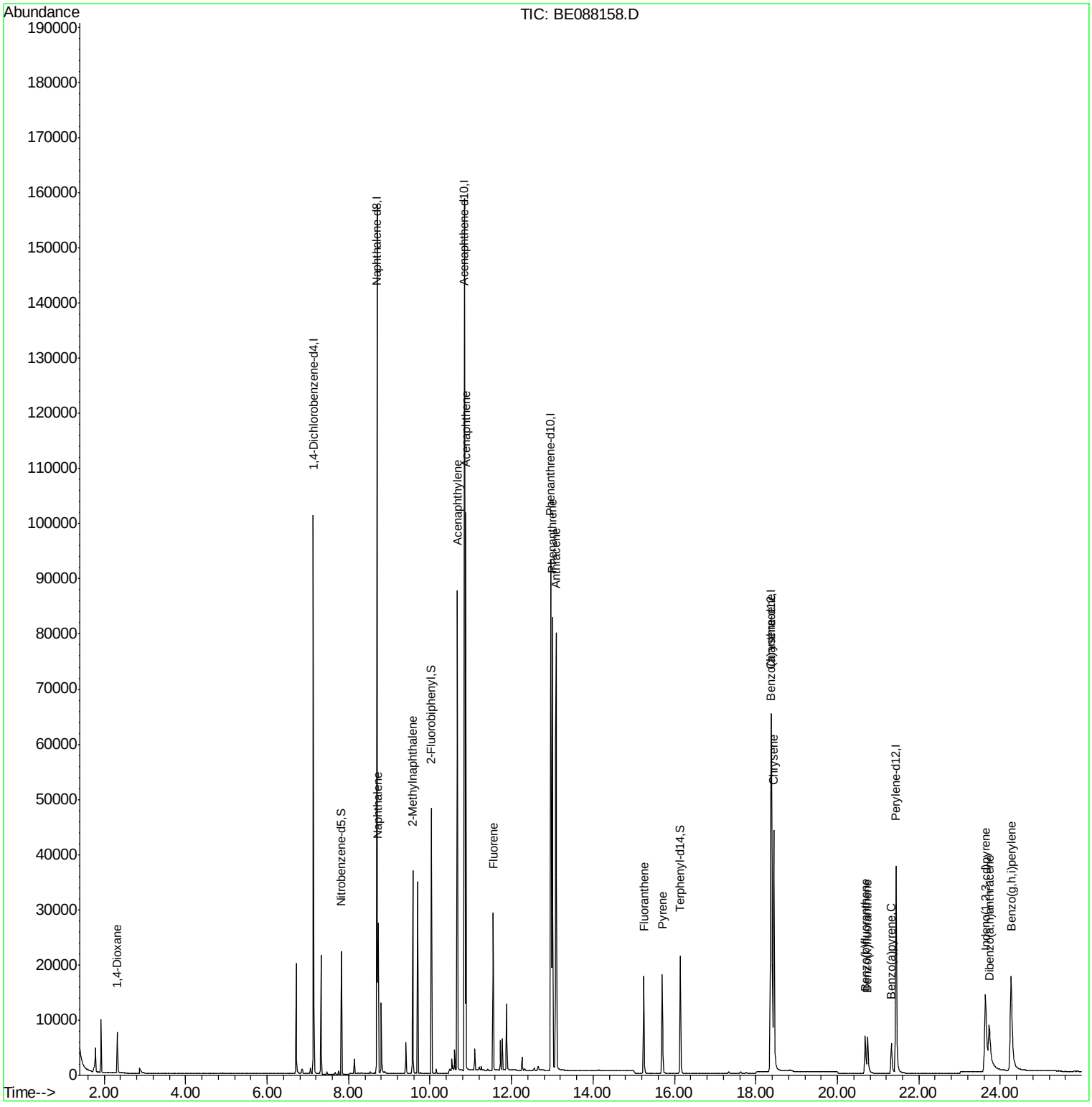
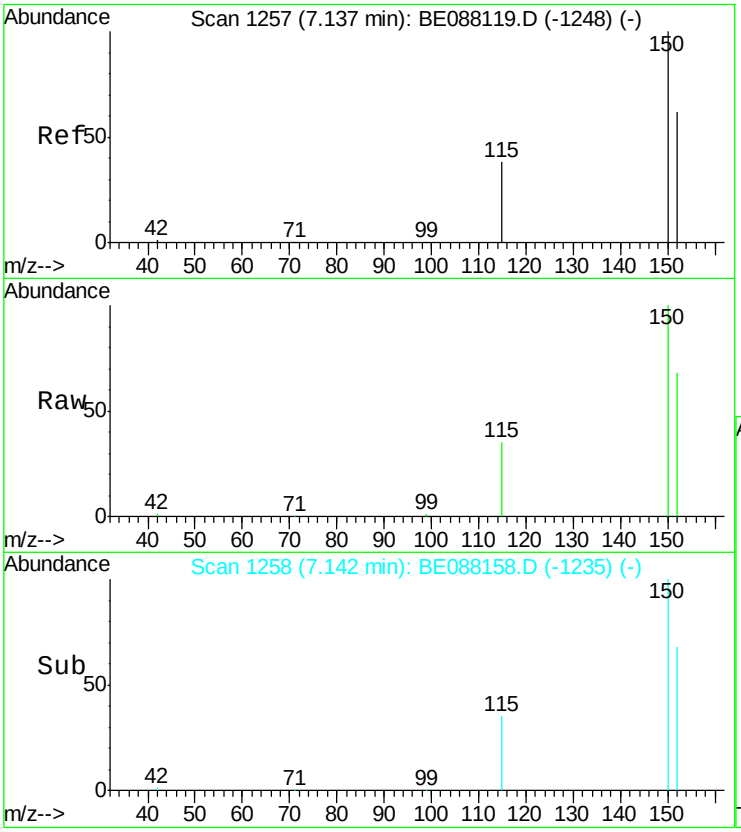
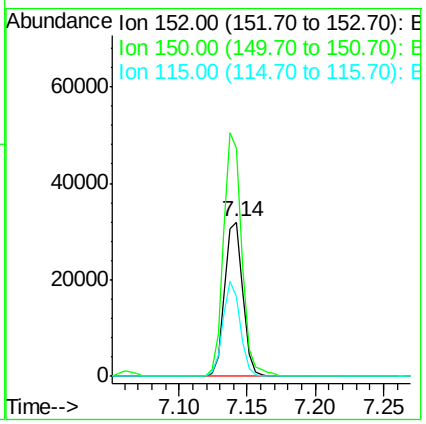




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:152 Resp: 29152

Ion	Ratio	Lower	Upper
152	100		
150	147.7	129.2	193.8
115	52.0	49.3	73.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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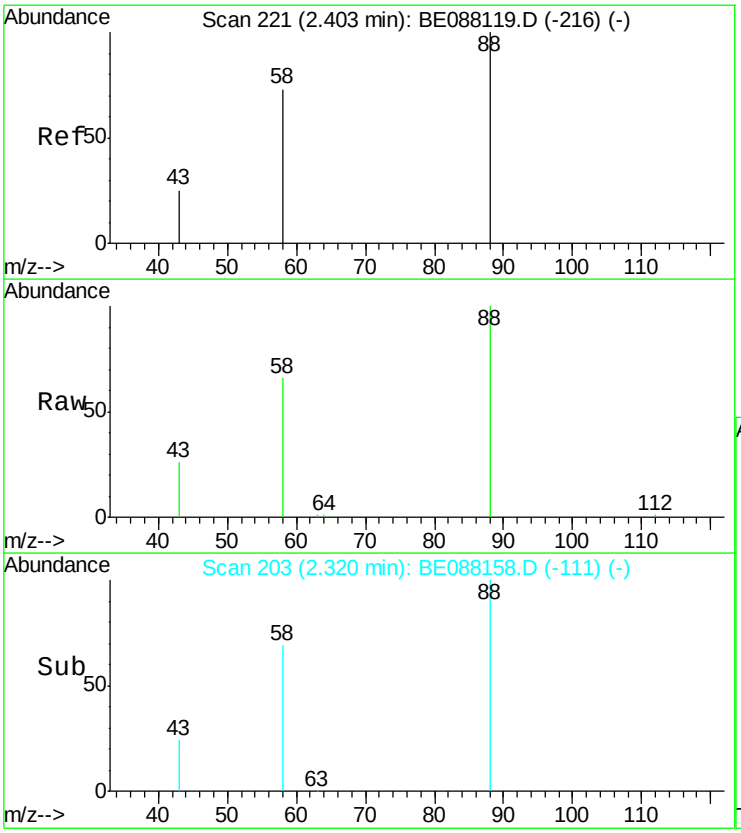
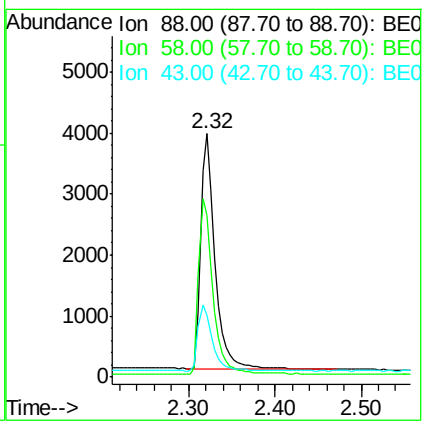
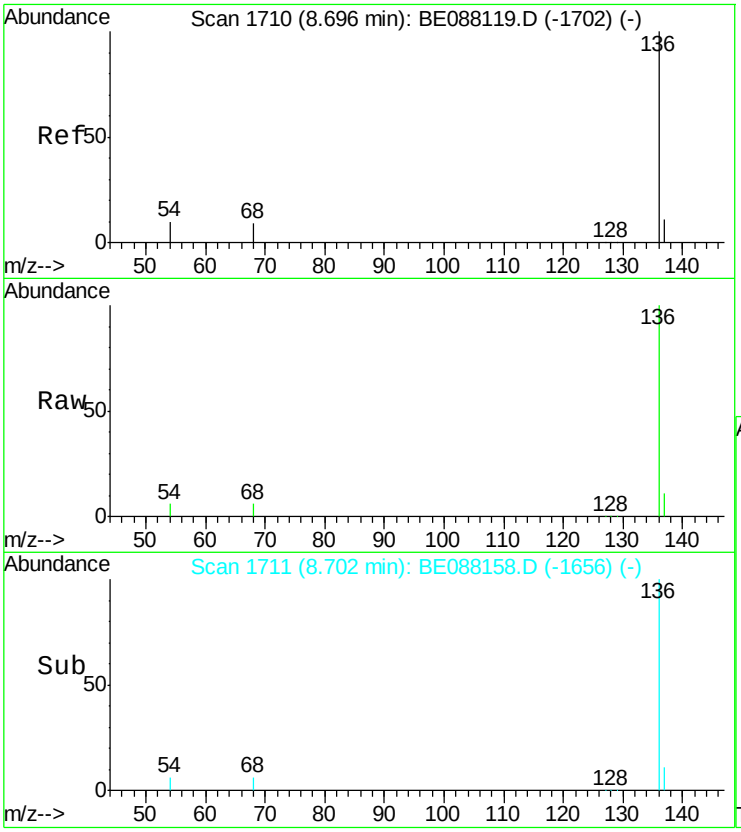


#2
1,4-Dioxane
Concen: 1.04 ng
RT: 2.32 min Scan# 203
Delta R.T. -0.08 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion: 88 Resp: 4362

Ion	Ratio	Lower	Upper
88	100		
58	73.4	59.5	89.3
43	27.6	21.2	31.8

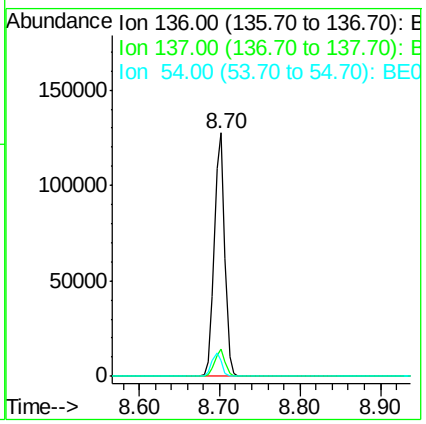




#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:136 Resp: 114983

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.2	7.7	11.5#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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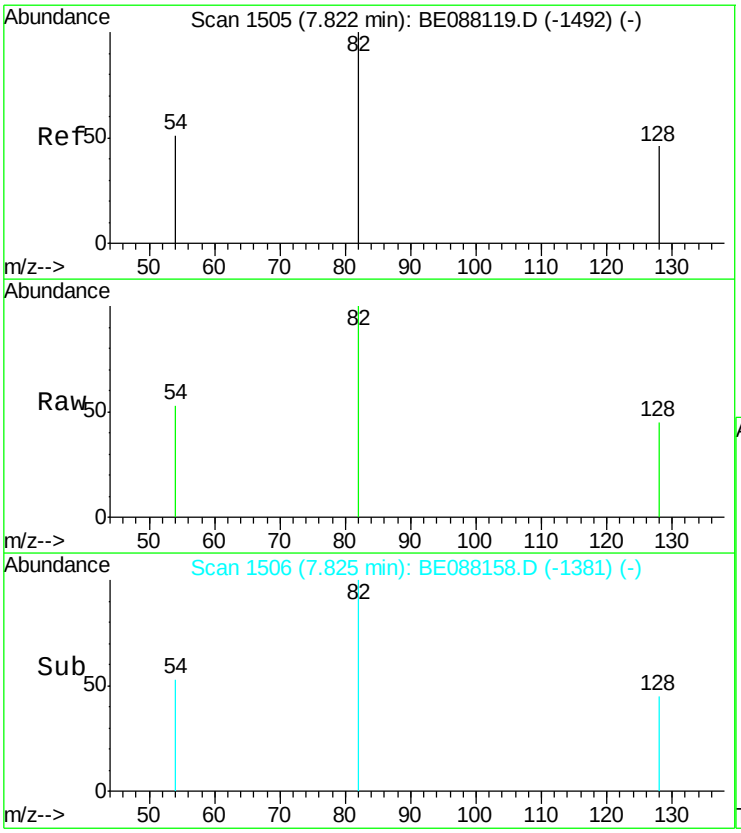
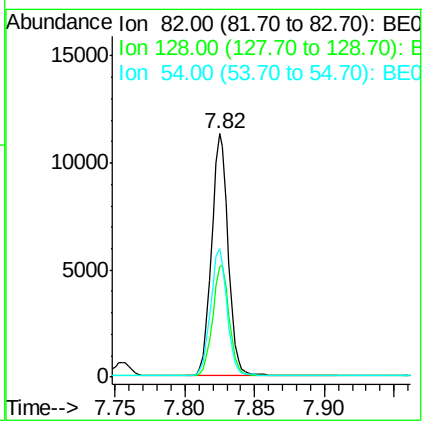
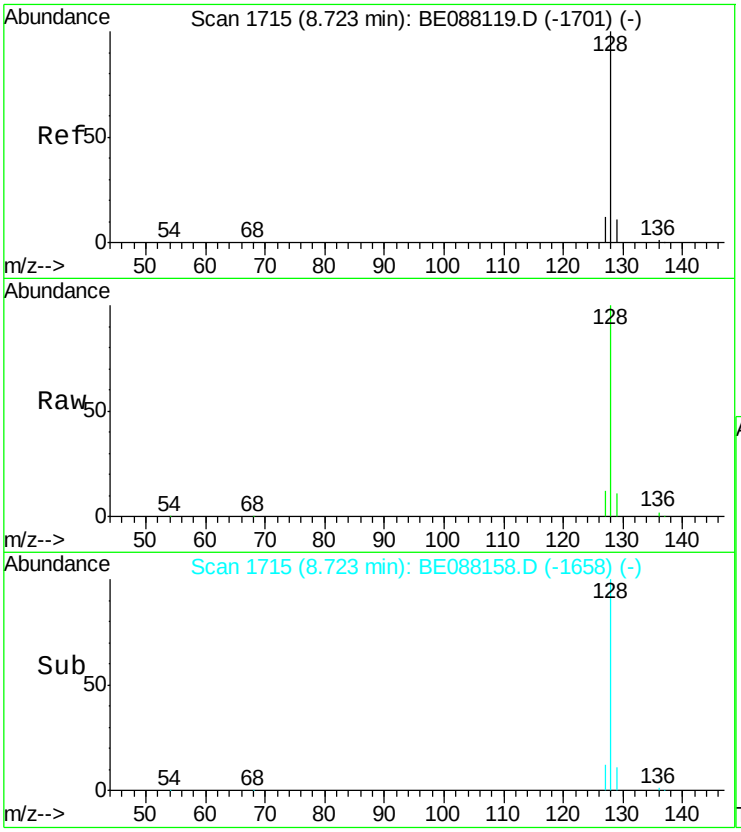


#4
Nitrobenzene-d5
Concen: 1.13 ng
RT: 7.82 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion: 82 Resp: 9398

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.1	55.7
54	52.8	41.1	61.7

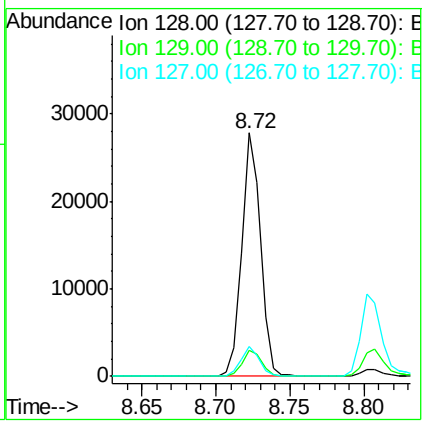




#5
Naphthalene
Concen: 1.01 ng
RT: 8.72 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:128 Resp: 24035

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.4	9.7	14.5



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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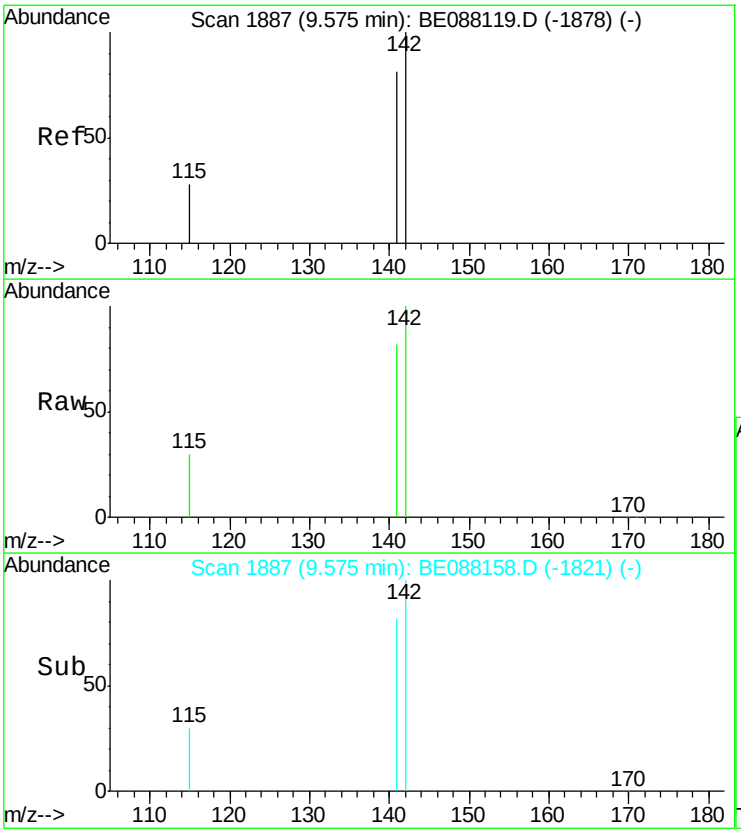
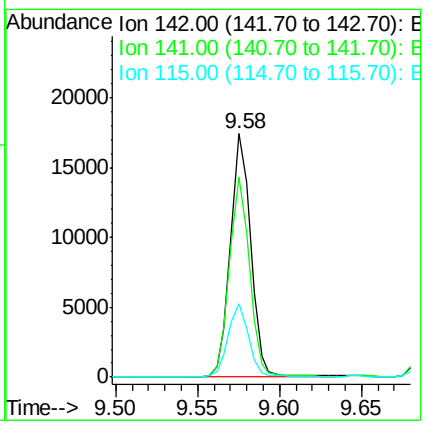
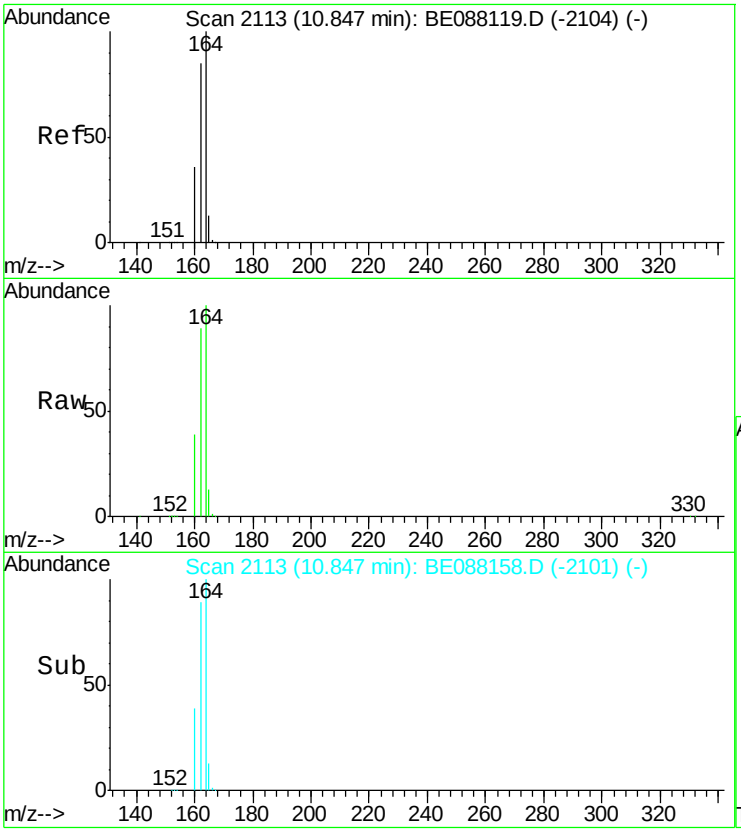


#6
2-Methylnaphthalene
Concen: 1.04 ng
RT: 9.58 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:142 Resp: 14766

Ion	Ratio	Lower	Upper
142	100		
141	81.9	64.6	97.0
115	30.1	22.6	34.0

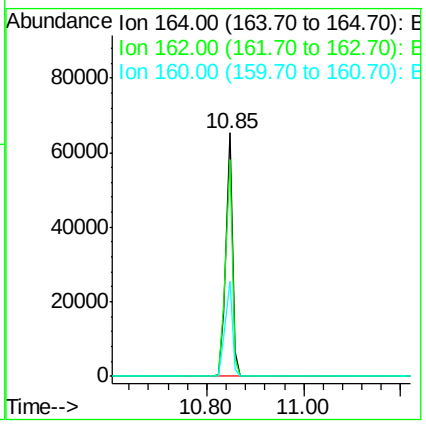




#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:164 Resp: 59038

Ion	Ratio	Lower	Upper
164	100		
162	89.0	68.3	102.5
160	39.0	28.7	43.1



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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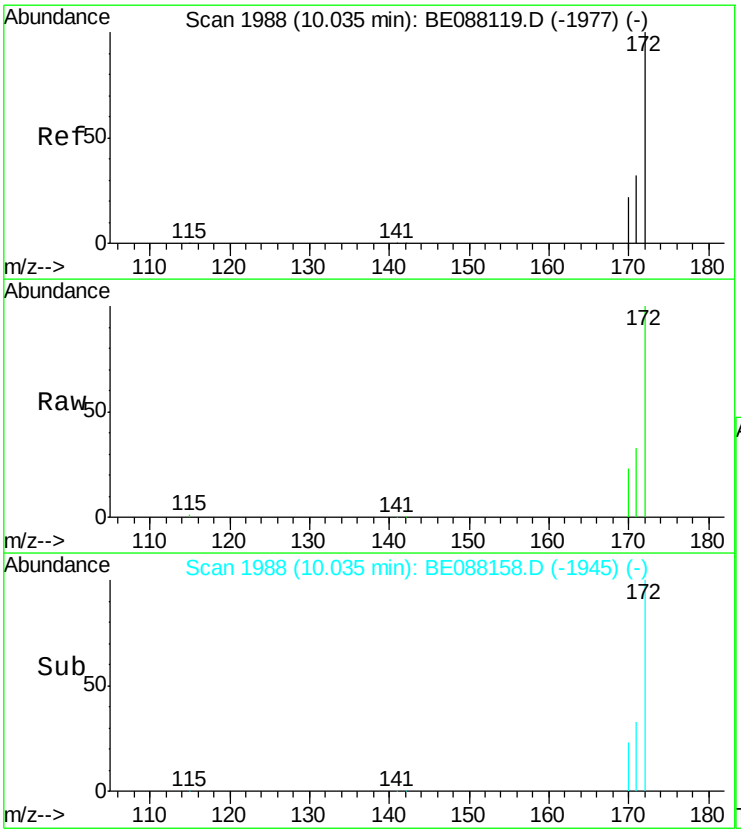
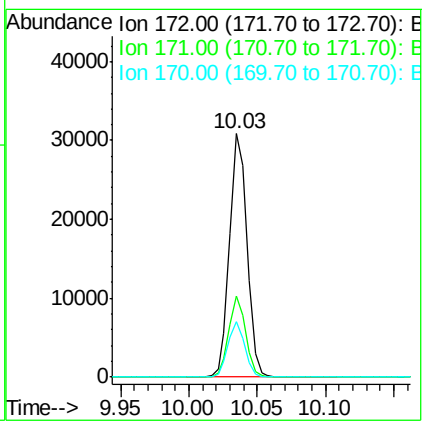
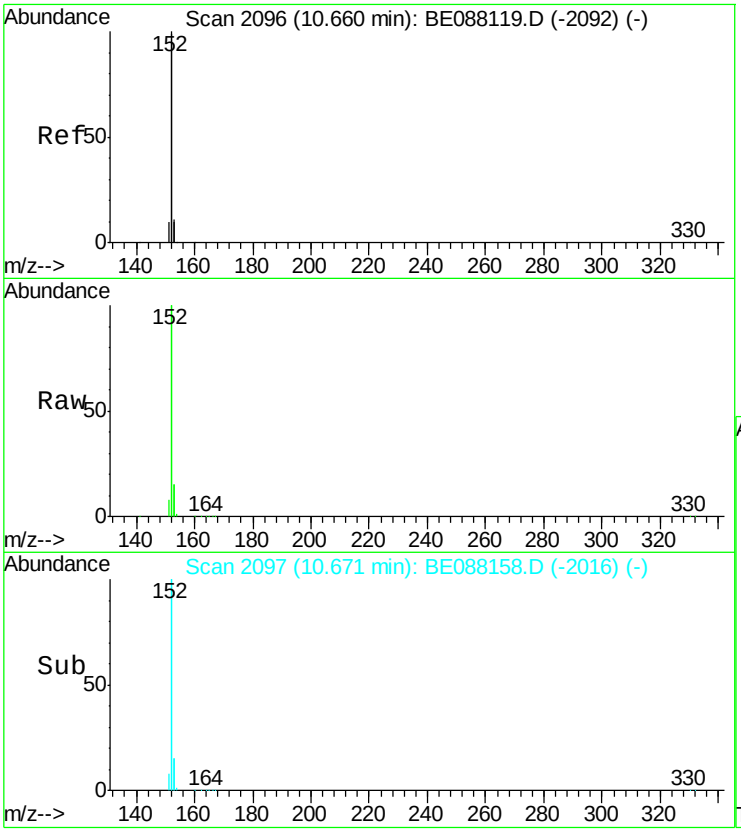


#8
2-Fluorobiphenyl
Concen: 1.65 ng
RT: 10.03 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:172 Resp: 26891

Ion	Ratio	Lower	Upper
172	100		
171	33.1	25.4	38.2
170	22.9	17.4	26.2

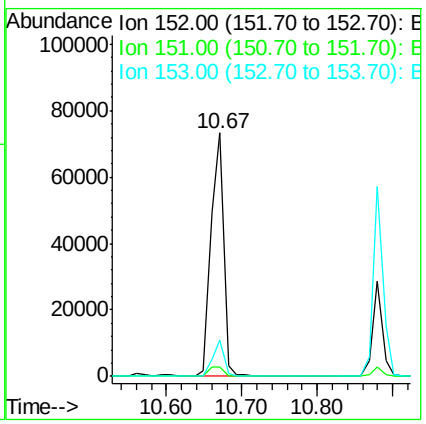




#9
Acenaphthylene
Concen: 0.93 ng
RT: 10.67 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:152 Resp: 84093

Ion	Ratio	Lower	Upper
152	100		
151	4.6	3.7	5.5
153	13.1	10.4	15.6



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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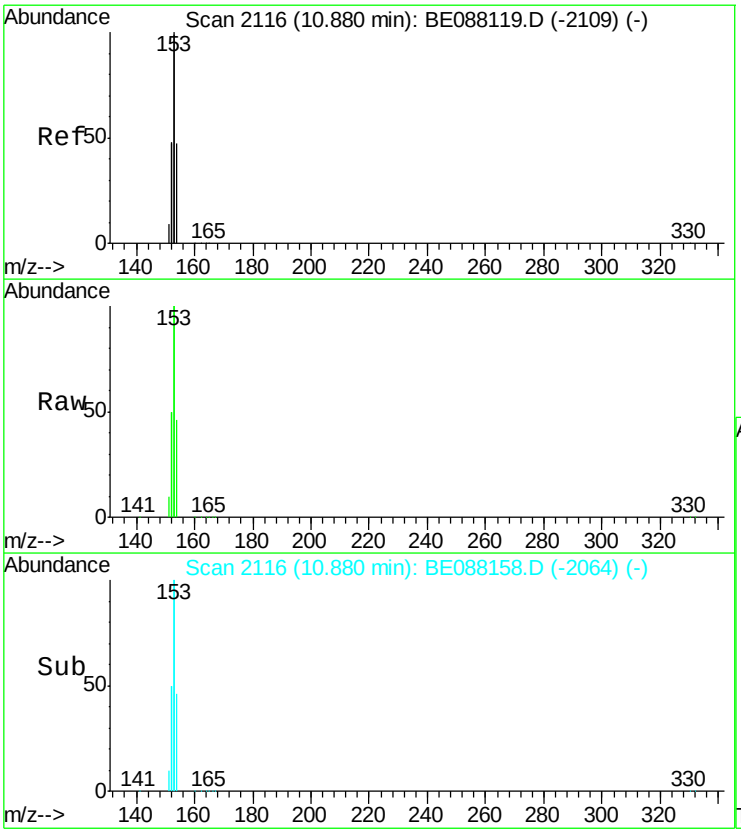
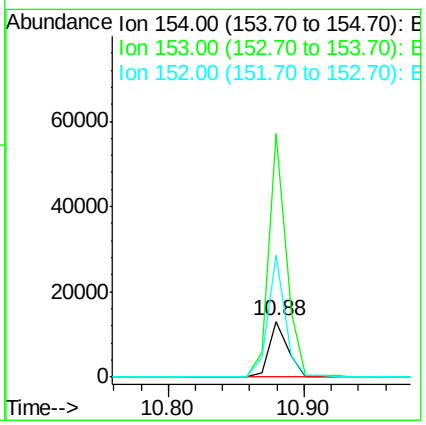
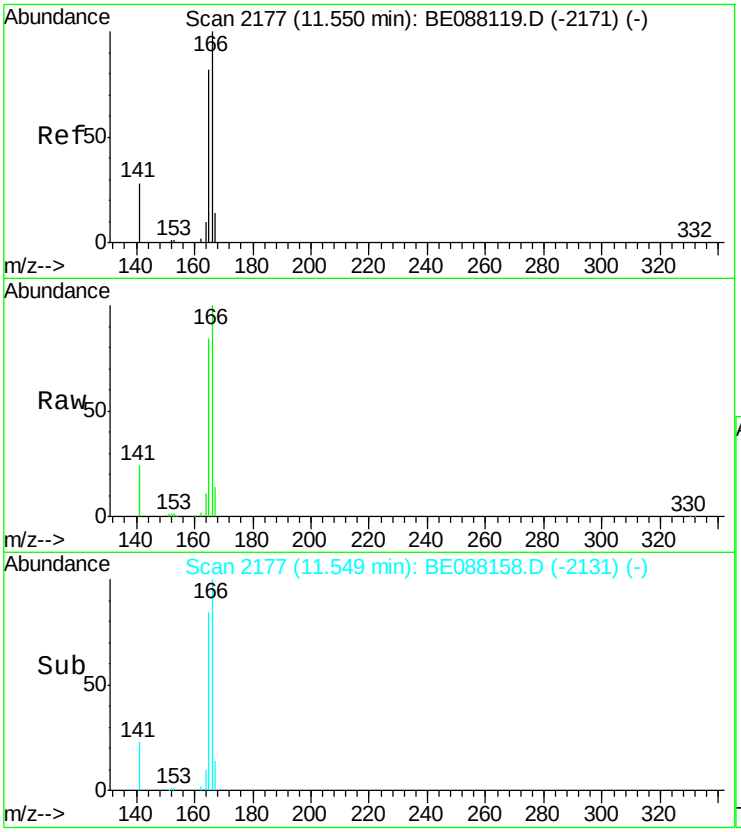


#10
Acenaphthene
Concen: 0.92 ng
RT: 10.88 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:154 Resp: 12724

Ion	Ratio	Lower	Upper
154	100		
153	404.3	327.8	491.6
152	195.6	157.6	236.4

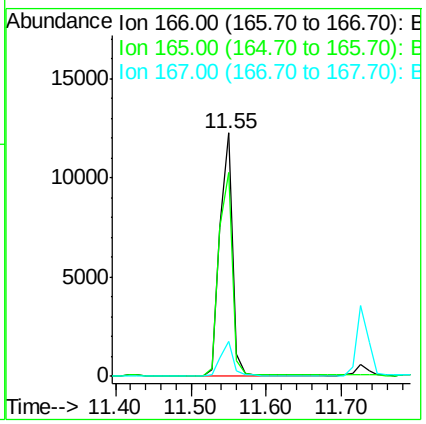




#11
Fluorene
Concen: 0.96 ng
RT: 11.55 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:166 Resp: 14061

Ion	Ratio	Lower	Upper
166	100		
165	89.4	71.4	107.2
167	13.4	10.6	16.0



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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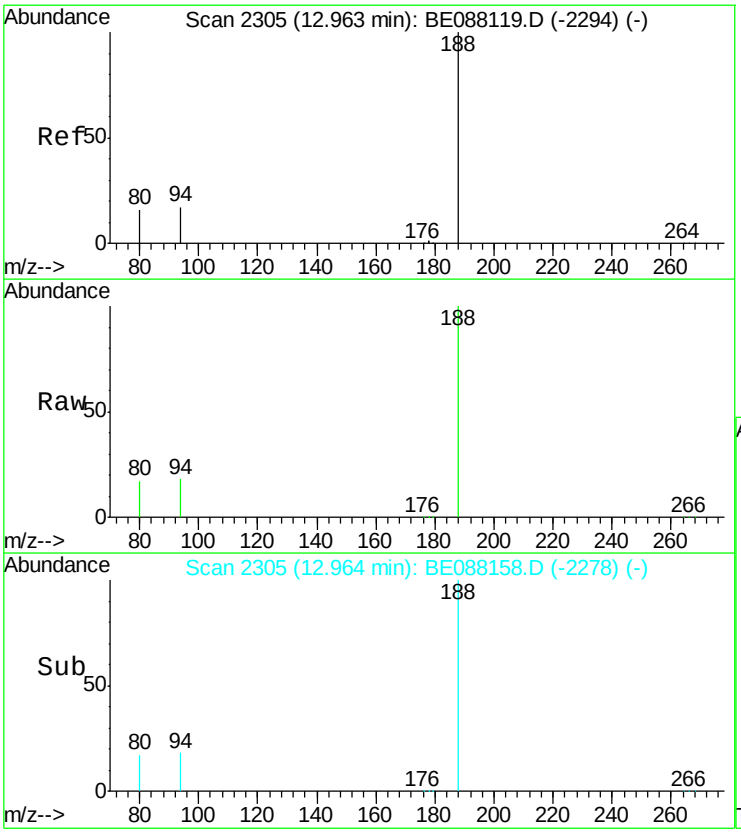
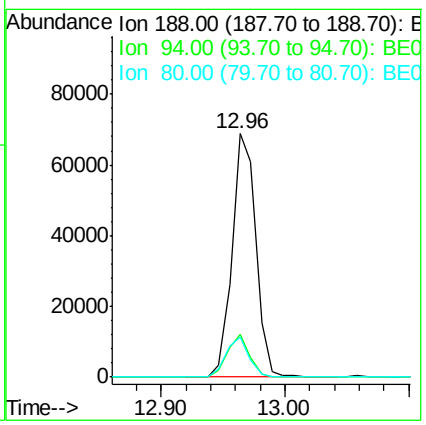
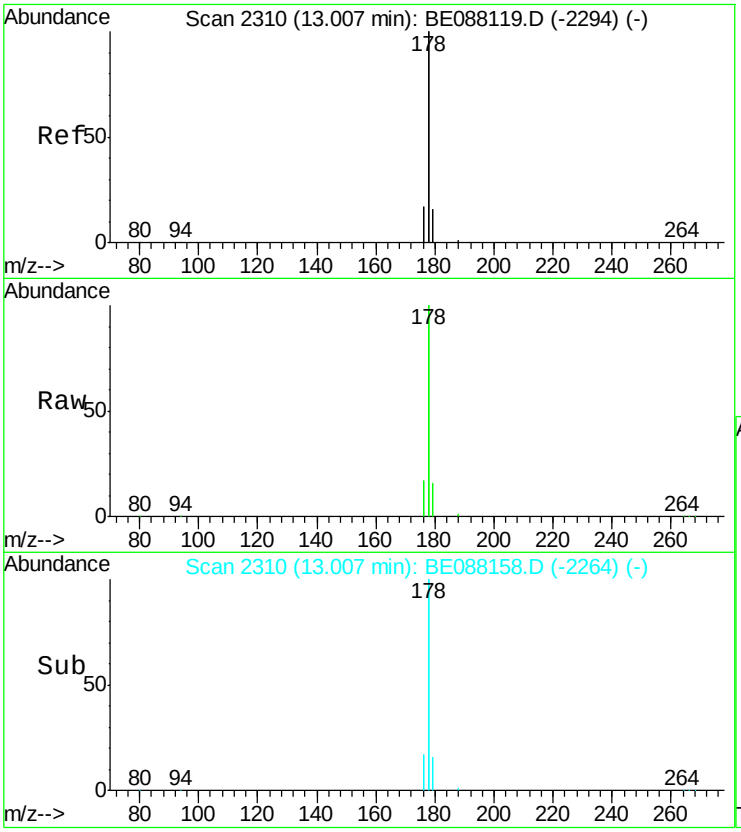


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:188 Resp: 92029

Ion	Ratio	Lower	Upper
188	100		
94	17.6	13.9	20.9
80	16.6	12.9	19.3

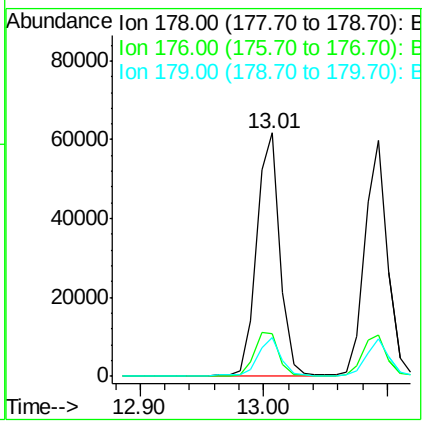




#13
Phenanthrene
Concen: 1.00 ng
RT: 13.01 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:178 Resp: 79749

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.5	18.7
179	16.4	13.5	20.3



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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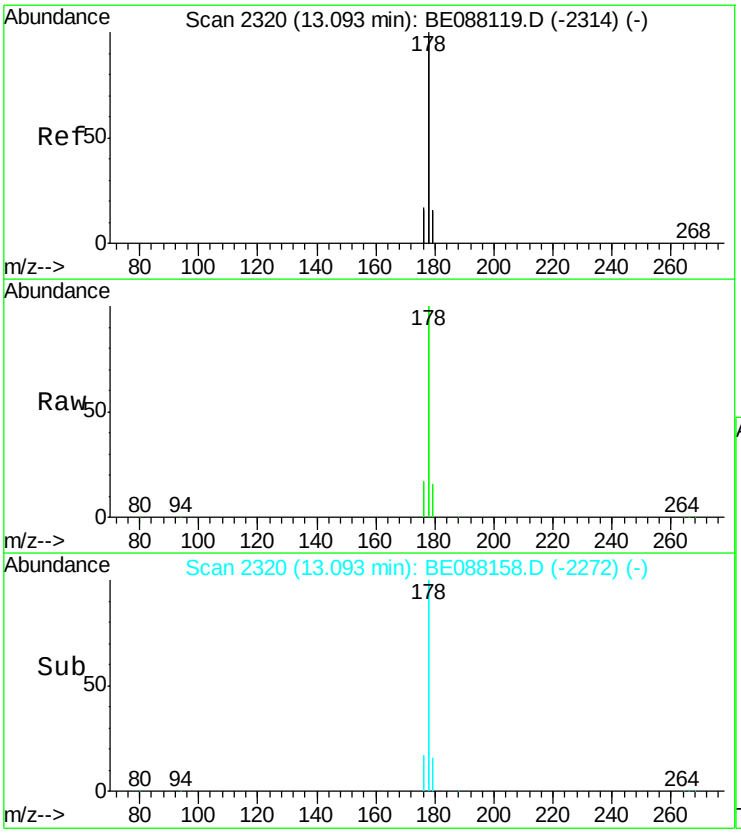
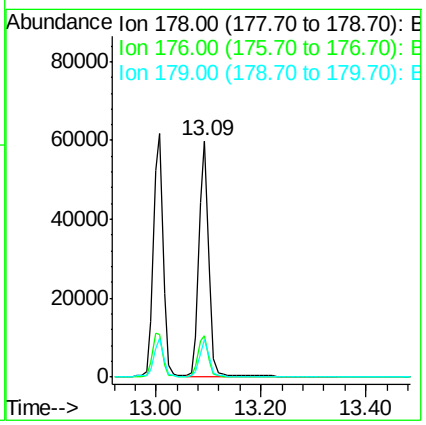
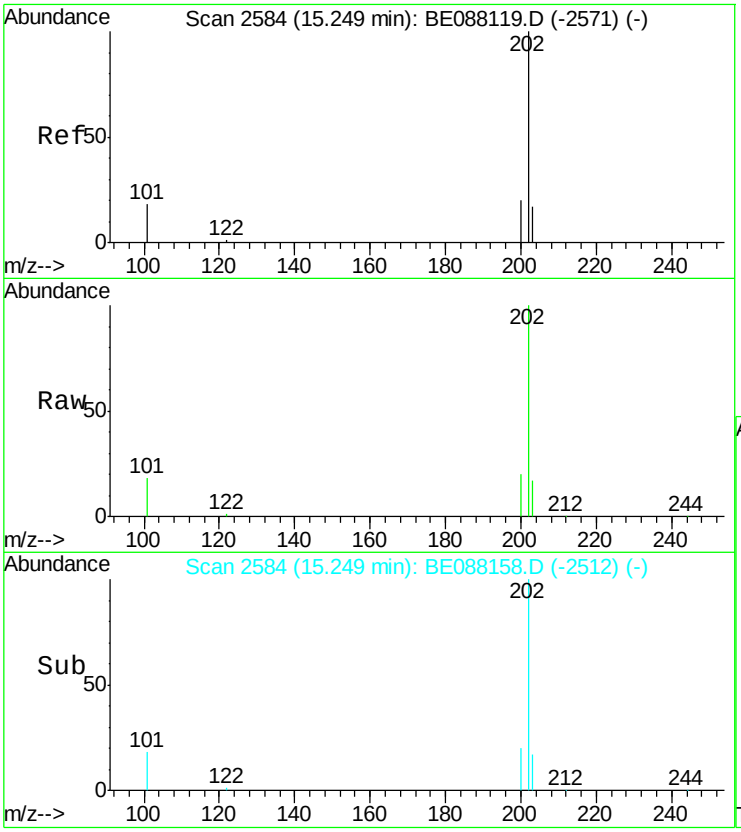


#14
Anthracene
Concen: 1.07 ng
RT: 13.09 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:178 Resp: 76989

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	15.6	12.5	18.7

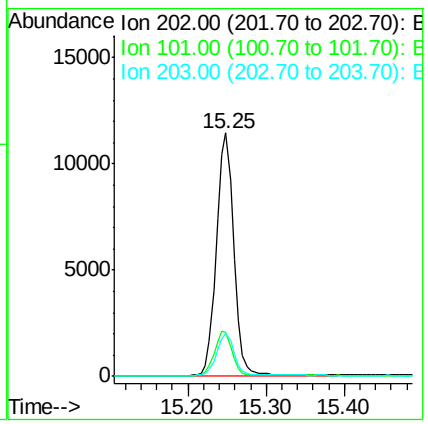




#15
Fluoranthene
Concen: 1.00 ng
RT: 15.25 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:202 Resp: 17484

Ion	Ratio	Lower	Upper
202	100		
101	18.2	14.8	22.2
203	17.1	13.5	20.3



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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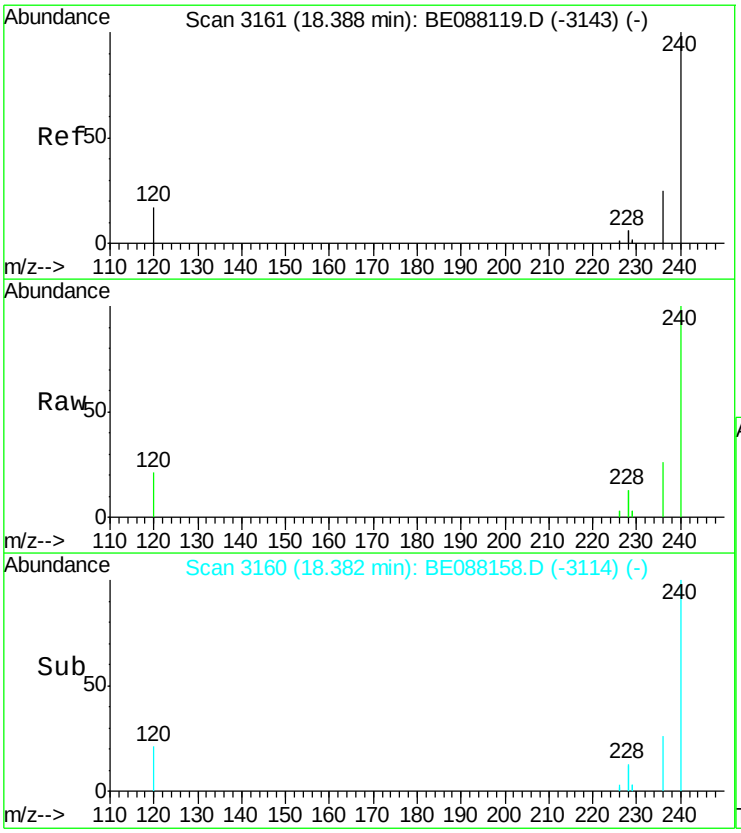
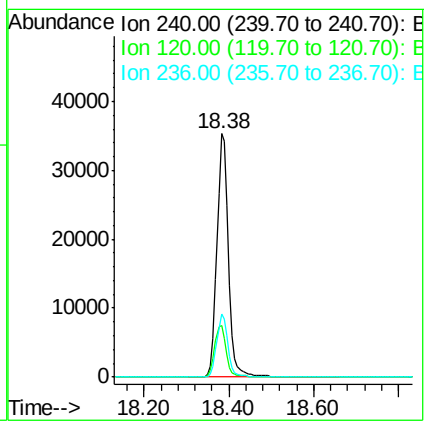
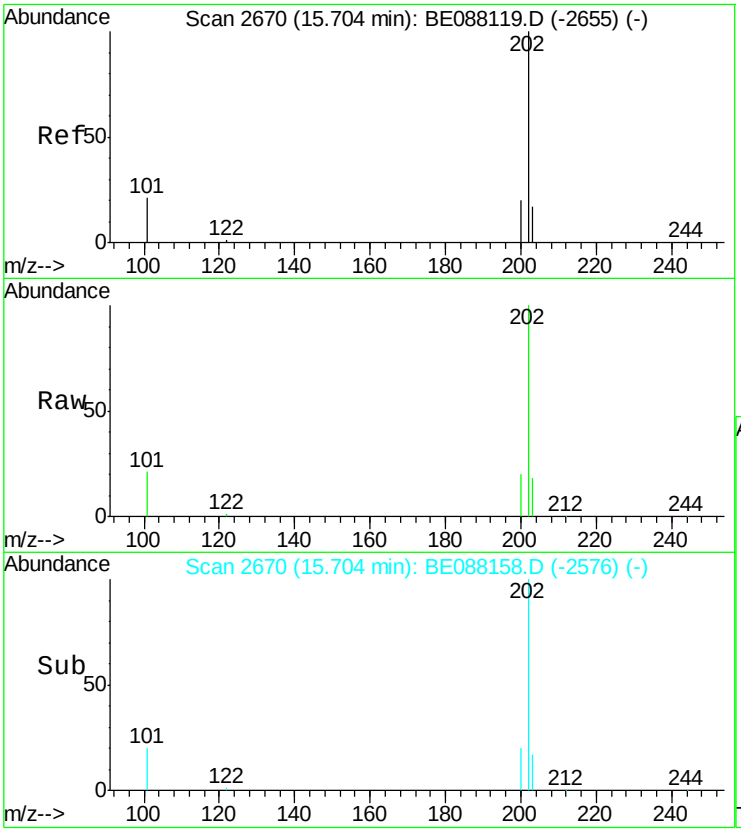


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:240 Resp: 65697

Ion	Ratio	Lower	Upper
240	100		
120	21.0	13.9	20.9#
236	25.8	19.9	29.9

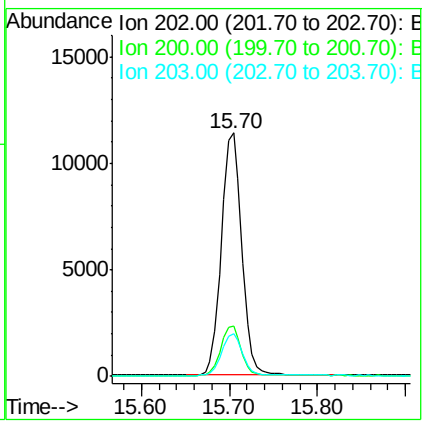




#17
Pyrene
Concen: 1.02 ng
RT: 15.70 min Scan# 2670
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:202 Resp: 18235

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.4	13.9	20.9



Instrument :
BNA_E
ClientSampleId :
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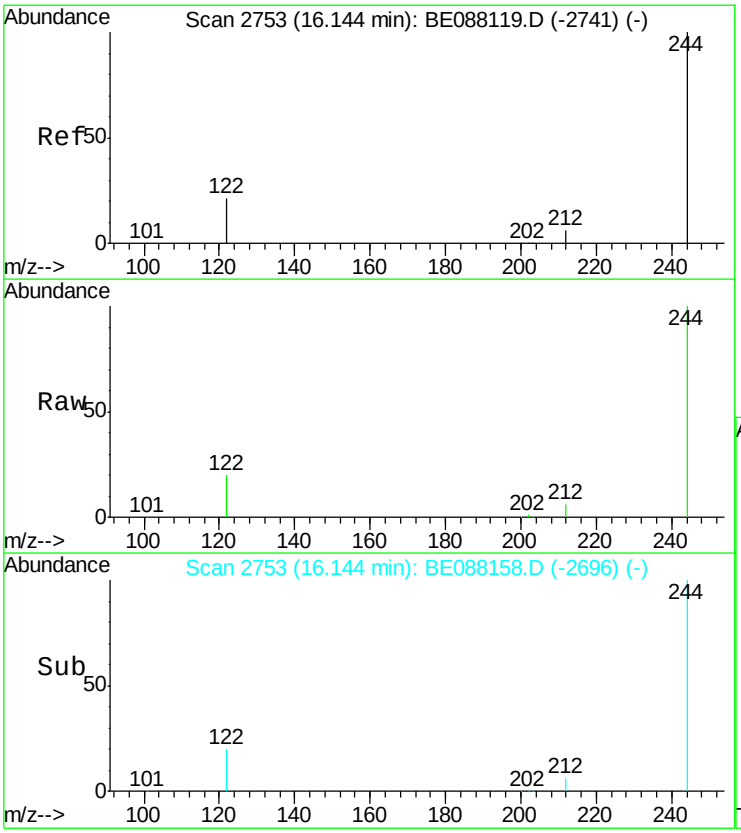
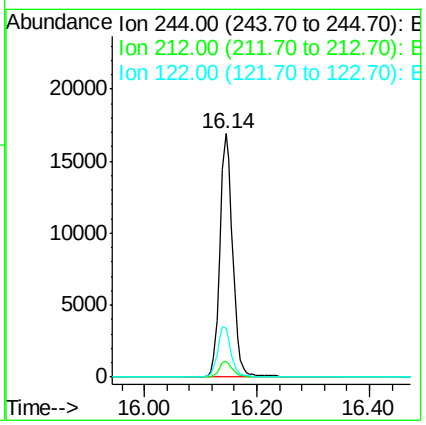
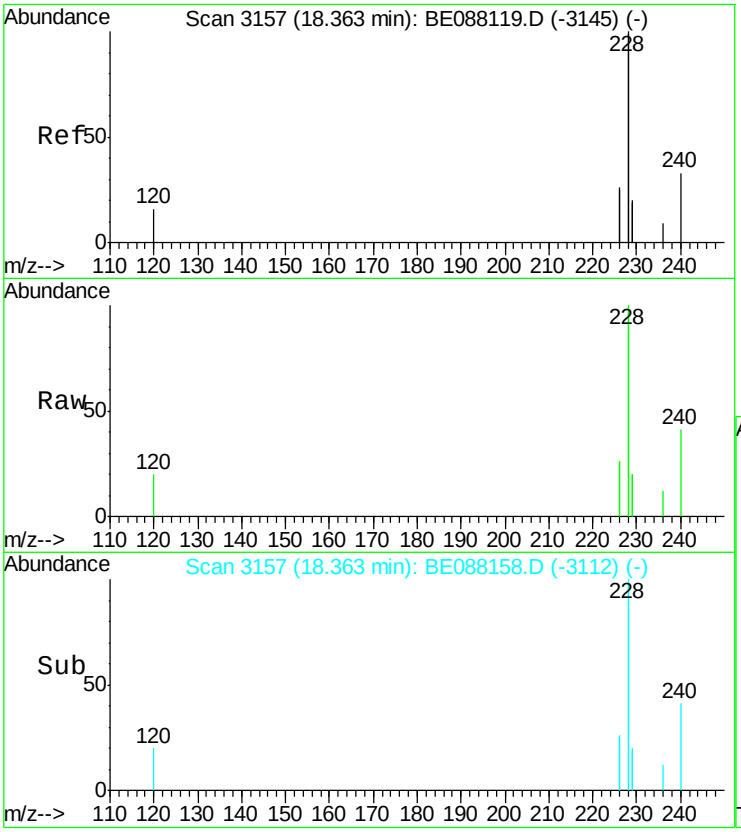


#18
Terphenyl-d14
Concen: 2.48 ng
RT: 16.14 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:244 Resp: 26224

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	20.1	17.5	26.3

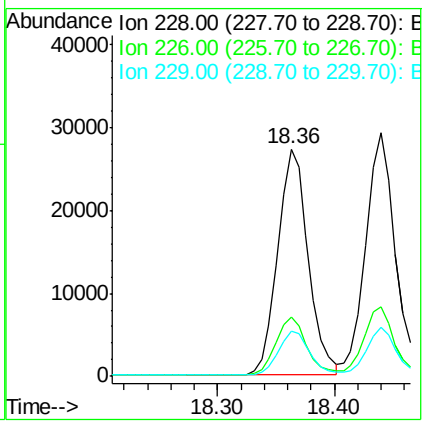




#19
Benzo(a)anthracene
Concen: 0.85 ng
RT: 18.36 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:228 Resp: 49400

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.8	31.2
229	19.9	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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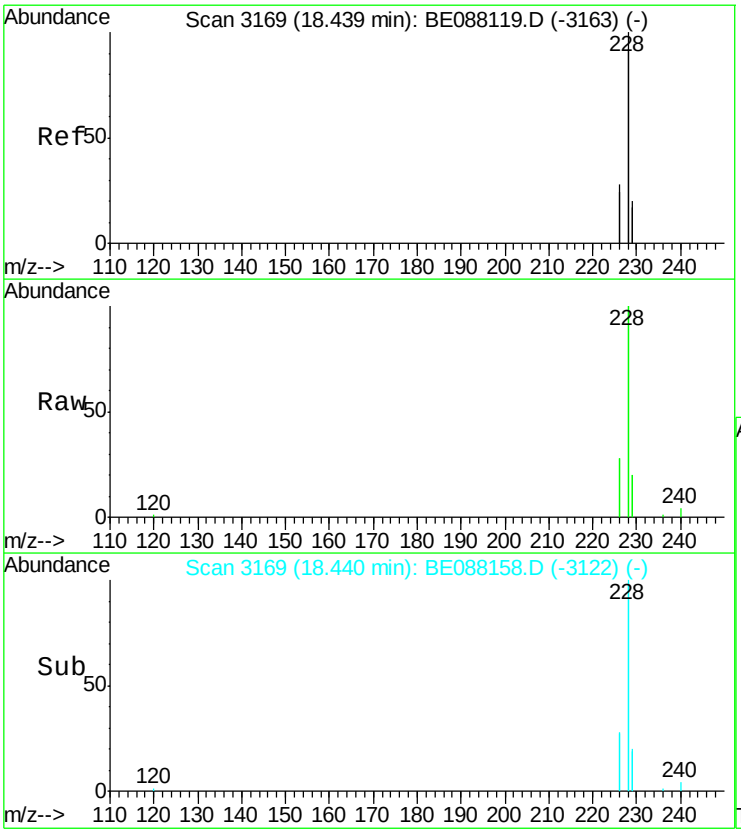
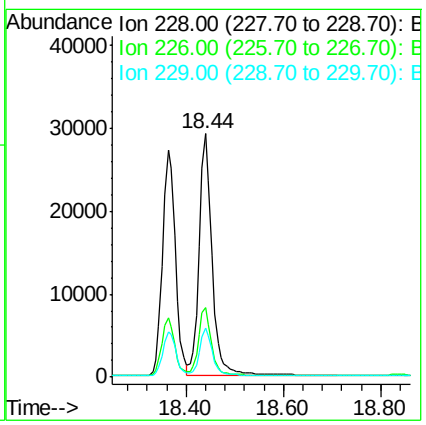
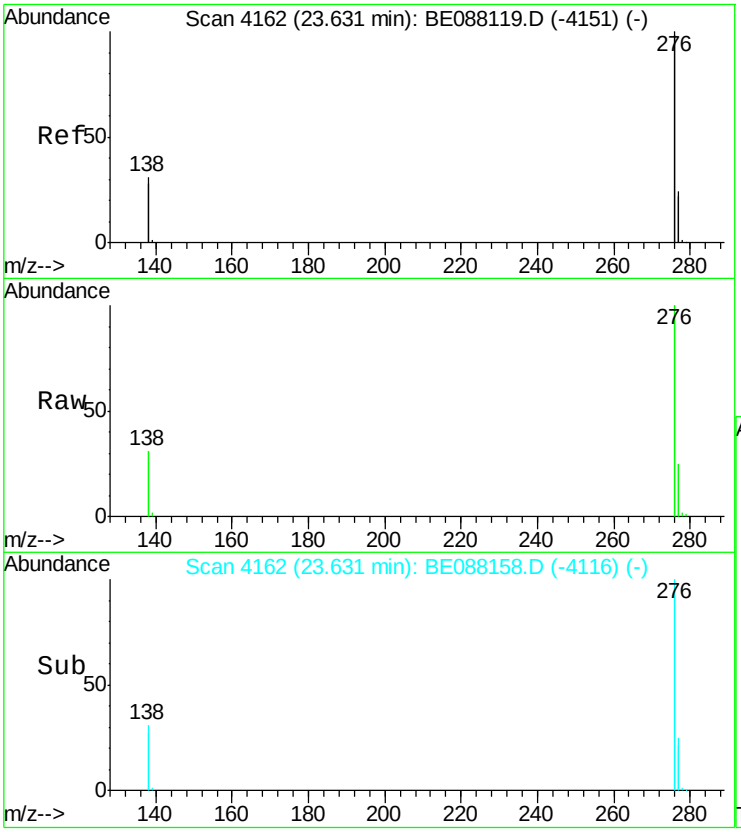


#20
Chrysene
Concen: 0.94 ng
RT: 18.44 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:228 Resp: 53744

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.1	15.8	23.6





#21
Indeno(1,2,3-cd)pyrene
Concen: 0.65 ng m
RT: 23.63 min Scan# 4162
Delta R.T. -0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Instrument :
BNA_E
ClientSampleId :
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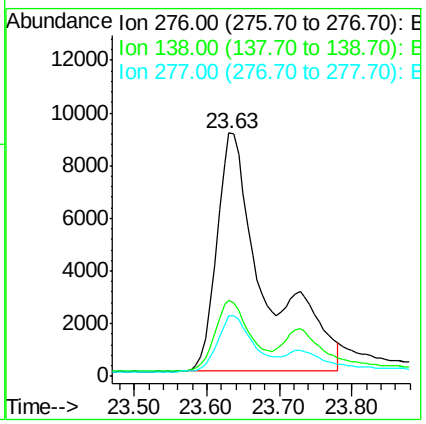
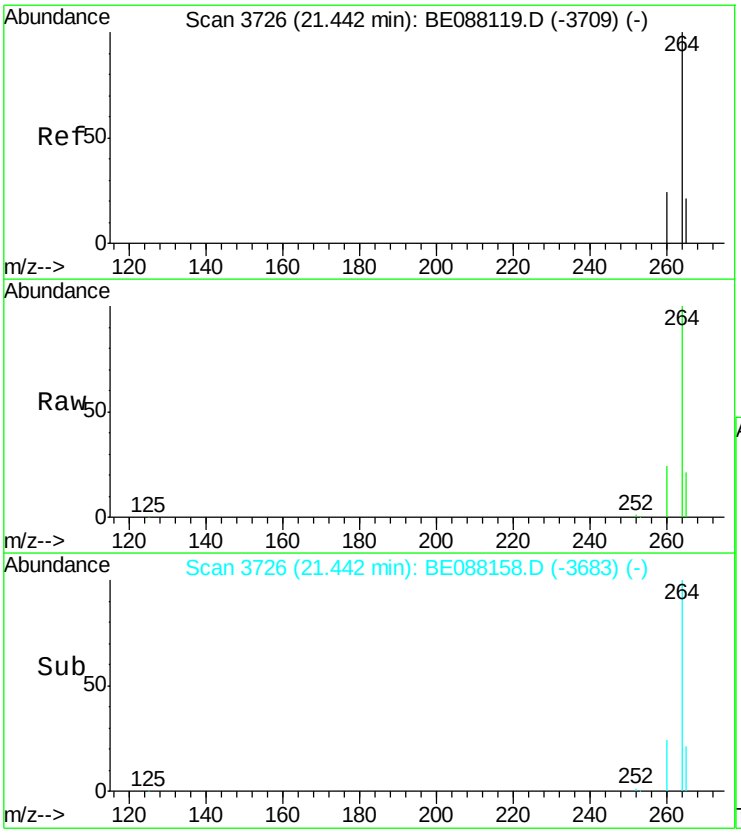
Tgt Ion:276 Resp: 41615

Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.5	27.7
277	17.6	14.6	21.8

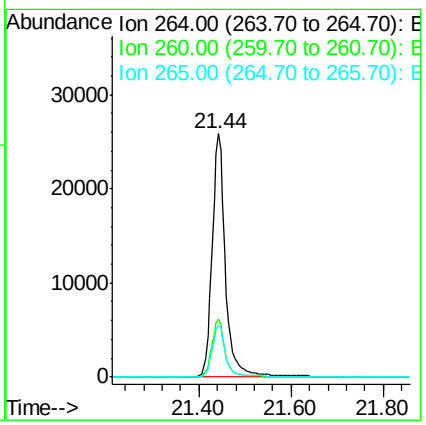


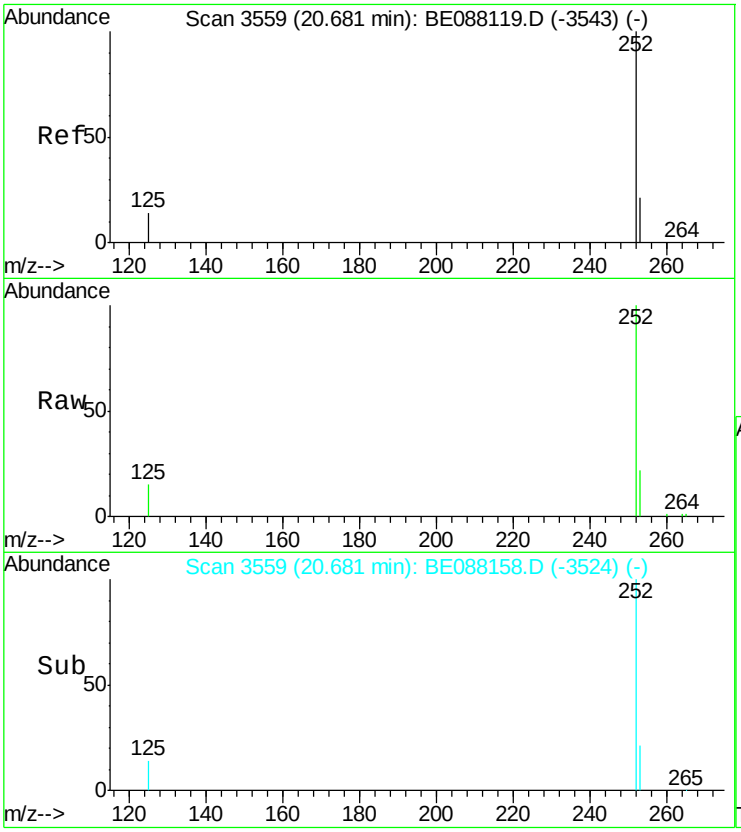


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:264 Resp: 51276

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.4	17.2	25.8





#23
Benzo(b)fluoranthene
Concen: 0.80 ng
RT: 20.68 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Instrument :
BNA_E
ClientSampleId :
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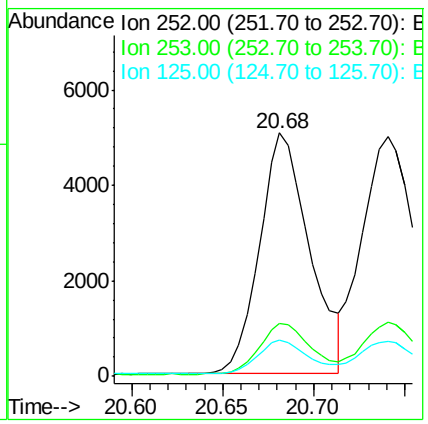
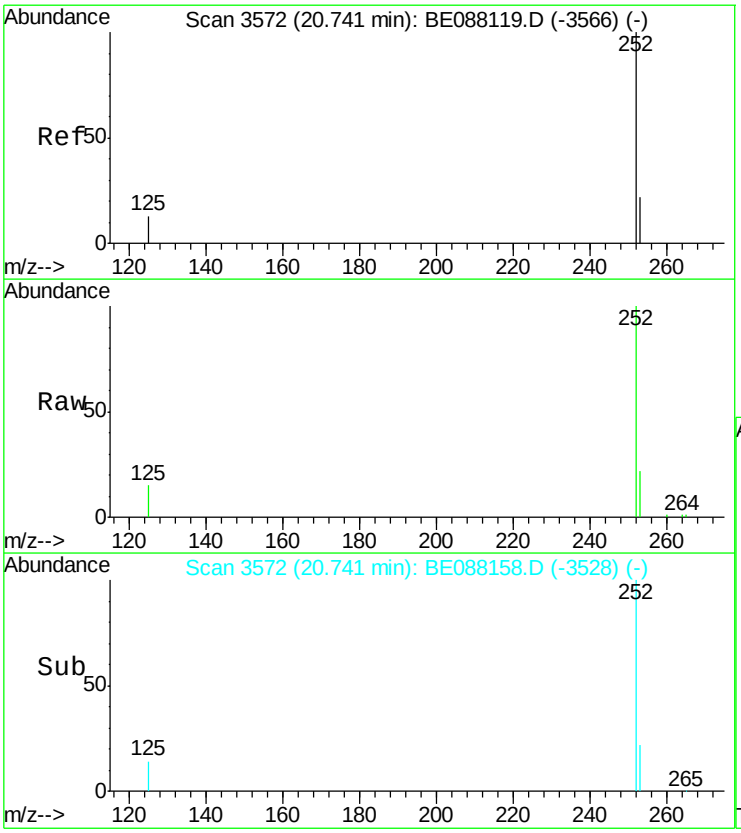
Tgt Ion:252 Resp: 9710

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	14.9	11.8	17.8

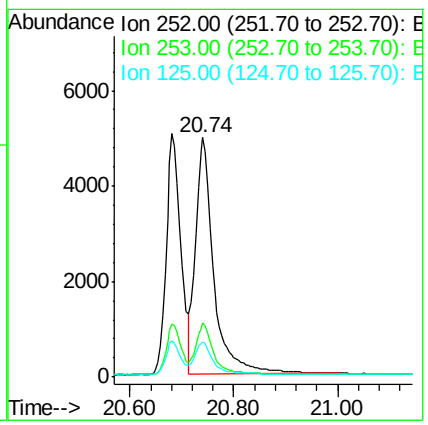


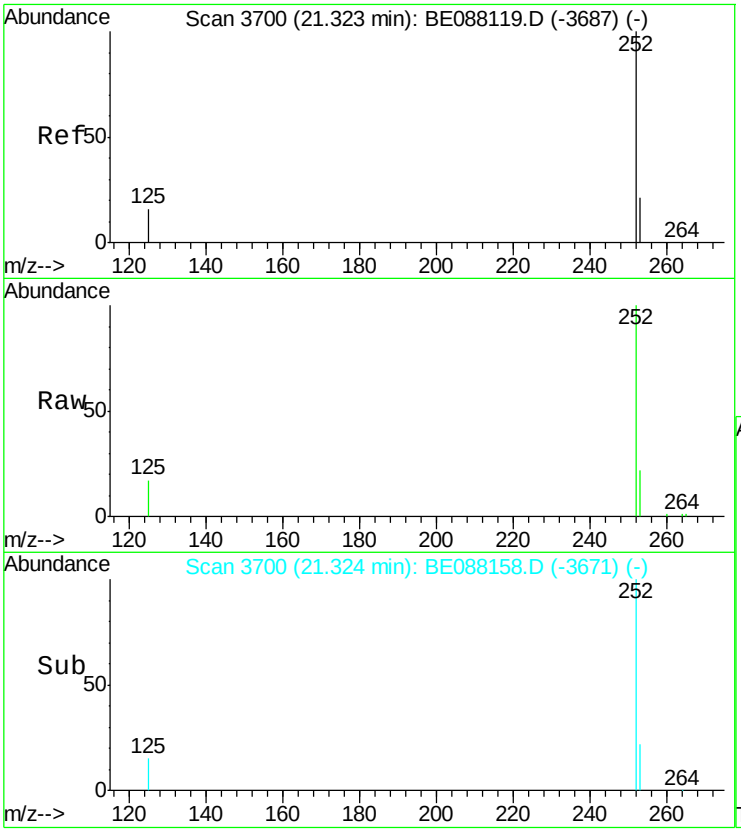


#24
Benzo(k)fluoranthene
Concen: 0.93 ng
RT: 20.74 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:252 Resp: 12207

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	14.9	11.5	17.3

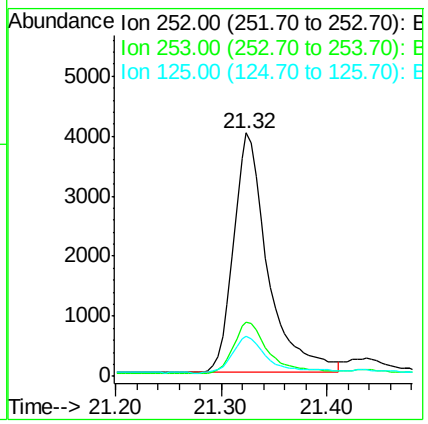




#25
Benzo(a)pyrene
Concen: 0.80 ng
RT: 21.32 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:252 Resp: 9046

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	16.7	13.0	19.6



Instrument :
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ClientSampleId :
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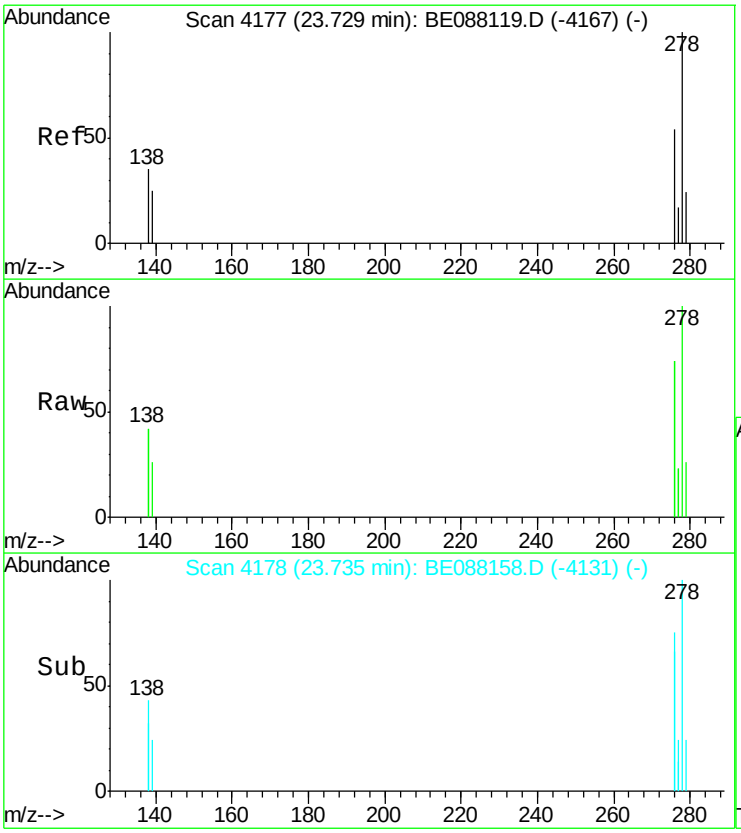
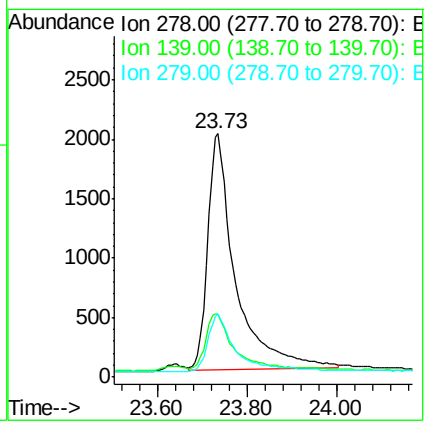
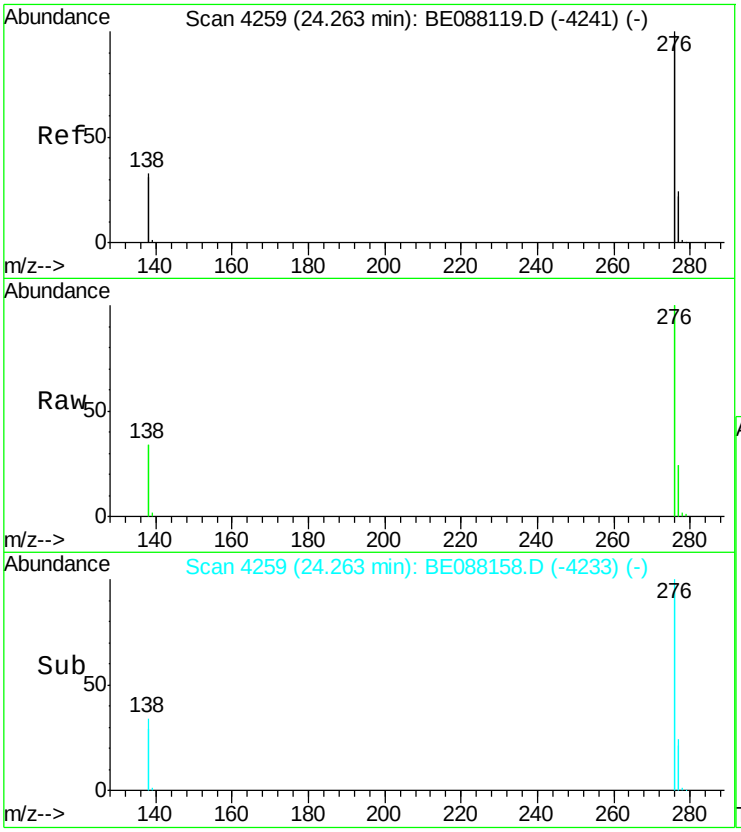


#26
Dibenzo(a,h)anthracene
Concen: 0.77 ng
RT: 23.73 min Scan# 4178
Delta R.T. 0.01 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:278 Resp: 8493

Ion	Ratio	Lower	Upper
278	100		
139	26.2	20.9	31.3
279	26.0	19.8	29.8

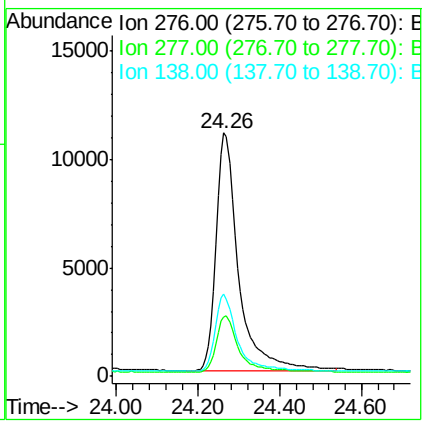




#27
Benzo(g,h,i)perylene
Concen: 0.86 ng
RT: 24.26 min Scan# 4259
Delta R.T. -0.00 min
Lab File: BE088158.D
Acq: 22 Oct 2014 00:09

Tgt Ion:276 Resp: 41715

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	33.8	26.6	40.0



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

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