Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070815\
Data File : BE090070.D
Acq On : 8 Jul 2015 22:08
Operator : TP/IZ
Sample : G2811-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0720006-150625

Manual Integrations APPROVED
apatel
7/9/2015 2:21:07 PM

Quant Time: Jul 09 02:03:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	19546	5.00	ng		0.00
6) Naphthalene-d8	10.37	136	87989	5.00	ng		-0.02
12) Acenaphthene-d10	14.22	164	48778	5.00	ng		0.00
18) Phenanthrene-d10	16.96	188	106703	5.00	ng		-0.02
25) Chrysene-d12	21.12	240	120846	5.00	ng		-0.01
32) Perylene-d12	23.43	264	111292	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	30340	6.76	ng		0.00
5) Phenol-d6	6.80	99	47908	7.62	ng		0.00
7) Nitrobenzene-d5	8.75	82	28007	4.01	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	11505	8.05	ng		0.00
14) 2-Fluorobiphenyl	12.84	172	58891	4.02	ng		-0.01
27) Terphenyl-d14	19.57	244	85107	4.23	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.42	128	658	0.03	ng	#	73
16) Acenaphthene	14.28	154	669	0.05	ng		98
17) Fluorene	15.28	166	630	0.04	ng	#	61
22) Phenanthrene	17.00	178	21736	0.80	ng		99
23) Anthracene	17.08	178	4214m	0.17	ng		
24) Fluoranthene	19.00	202	68411	2.24	ng		100
26) Pyrene	19.37	202	63034	2.19	ng		97
28) Benzo(a)anthracene	21.10	228	42472	1.41	ng		99
29) Chrysene	21.16	228	49217	1.57	ng		98
31) Indeno(1,2,3-cd)pyrene	25.83	276	28147	0.94	ng		97
33) Benzo(b)fluoranthene	22.73	252	62194	2.53	ng		97
34) Benzo(k)fluoranthene	22.77	252	25065m	0.91	ng		
35) Benzo(a)pyrene	23.33	252	42210	1.86	ng		98
36) Dibenzo(a,h)anthracene	25.85	278	6821	0.29	ng	#	85
37) Benzo(g,h,i)perylene	26.57	276	29642	1.26	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070815\
Data File : BE090070.D
Acq On : 8 Jul 2015 22:08
Operator : TP/IZ
Sample : G2811-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 09 02:03:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625

Manual Integrations APPROVED
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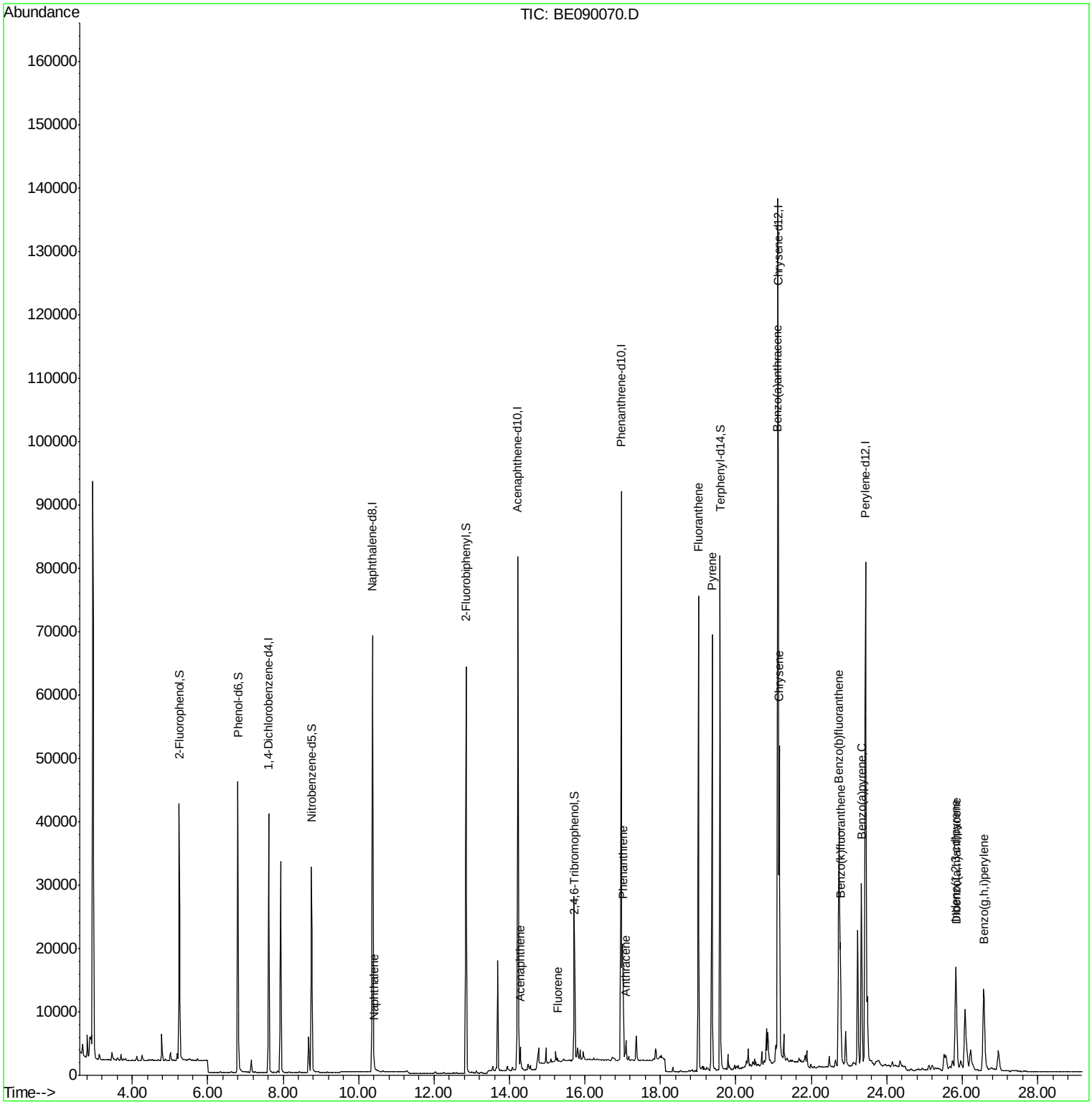
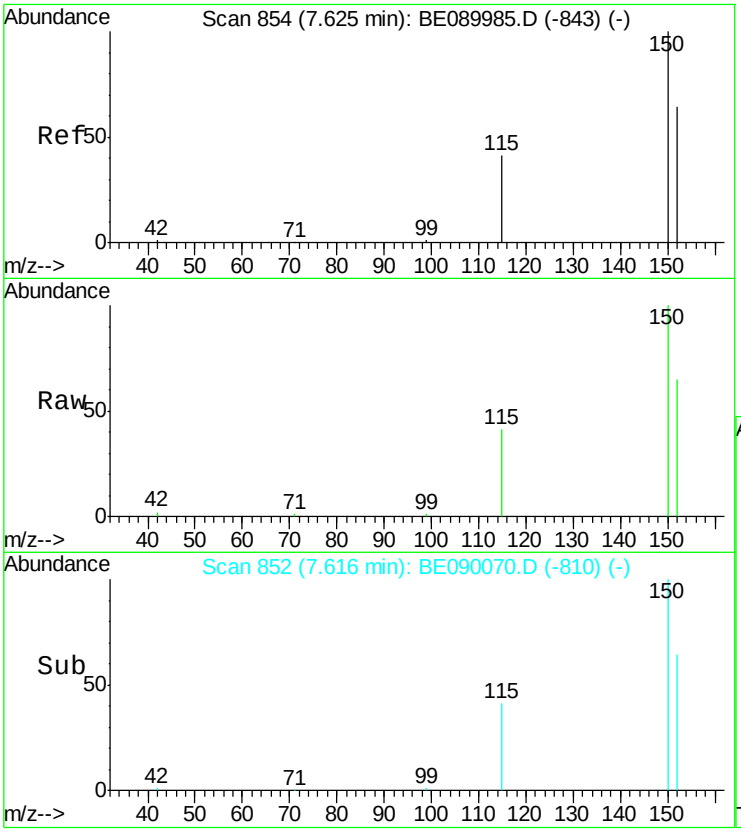
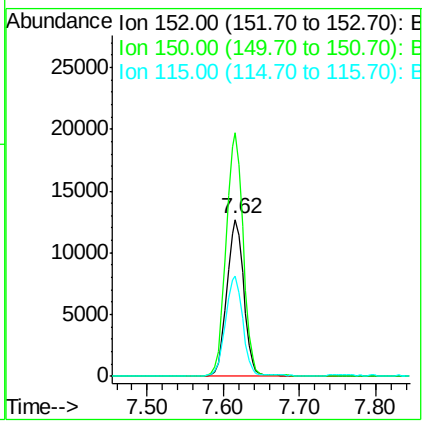




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 852
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:152 Resp: 19546

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.9	185.9
115	64.1	50.6	76.0



Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625

Manual Integrations APPROVED
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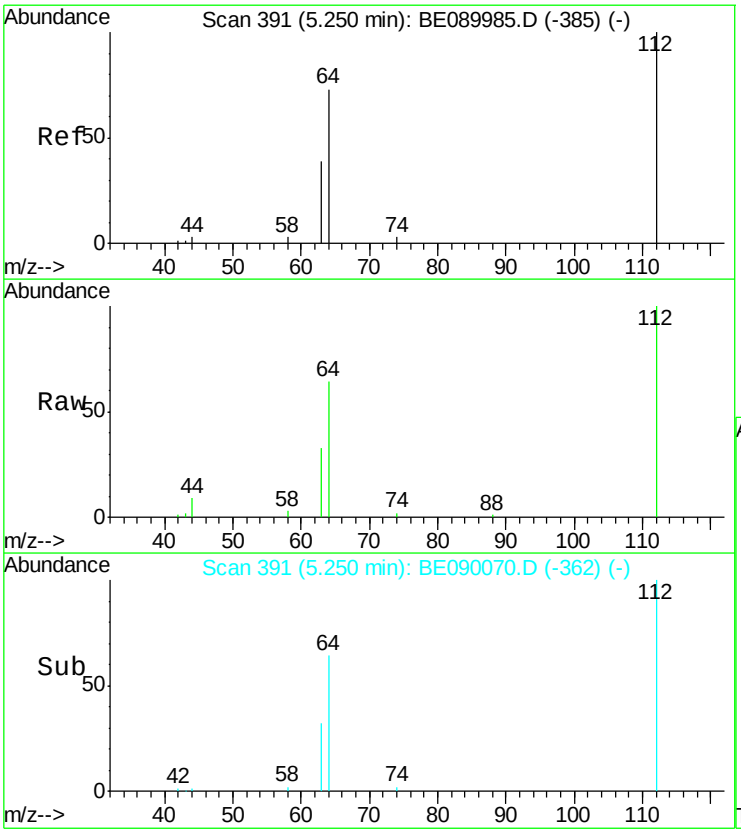
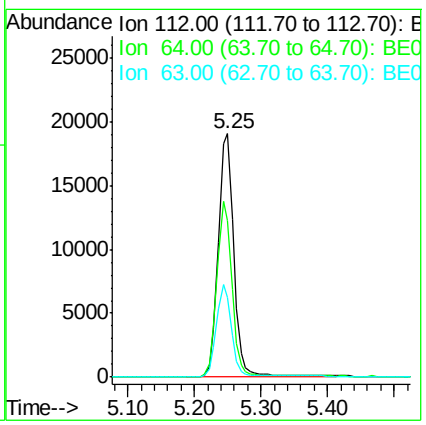
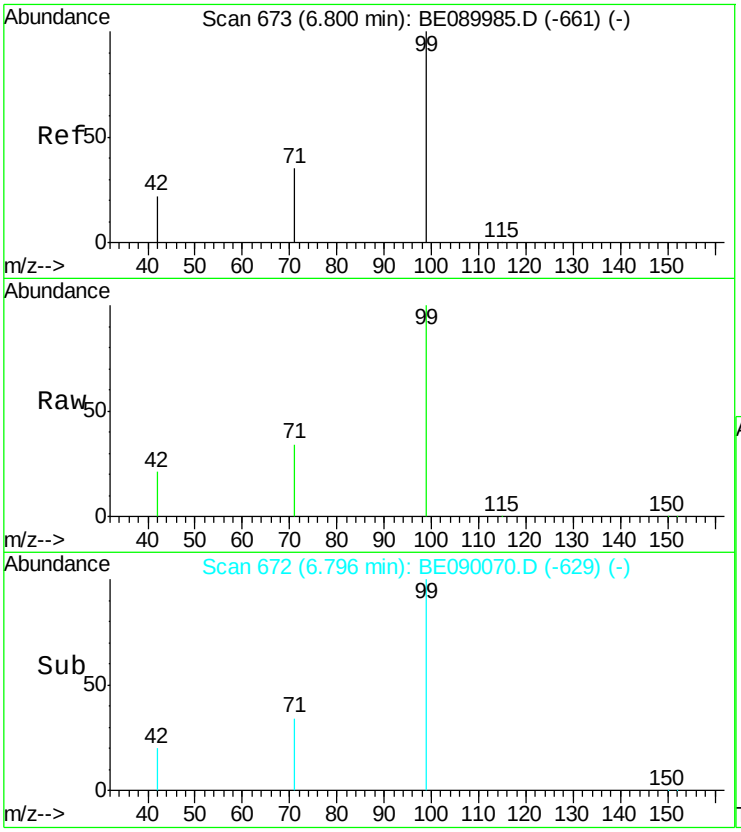


#4
2-Fluorophenol
Concen: 6.76 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:112 Resp: 30340

Ion	Ratio	Lower	Upper
112	100		
64	70.2	56.3	84.5
63	36.6	29.8	44.6

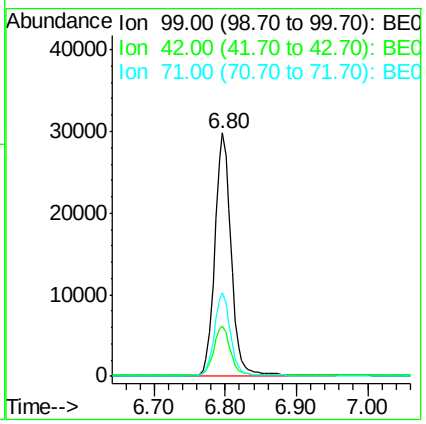




#5
Phenol-d6
Concen: 7.62 ng
RT: 6.80 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion: 99 Resp: 47908

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.7	28.1
71	33.8	27.5	41.3



Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625

Manual Integrations APPROVED
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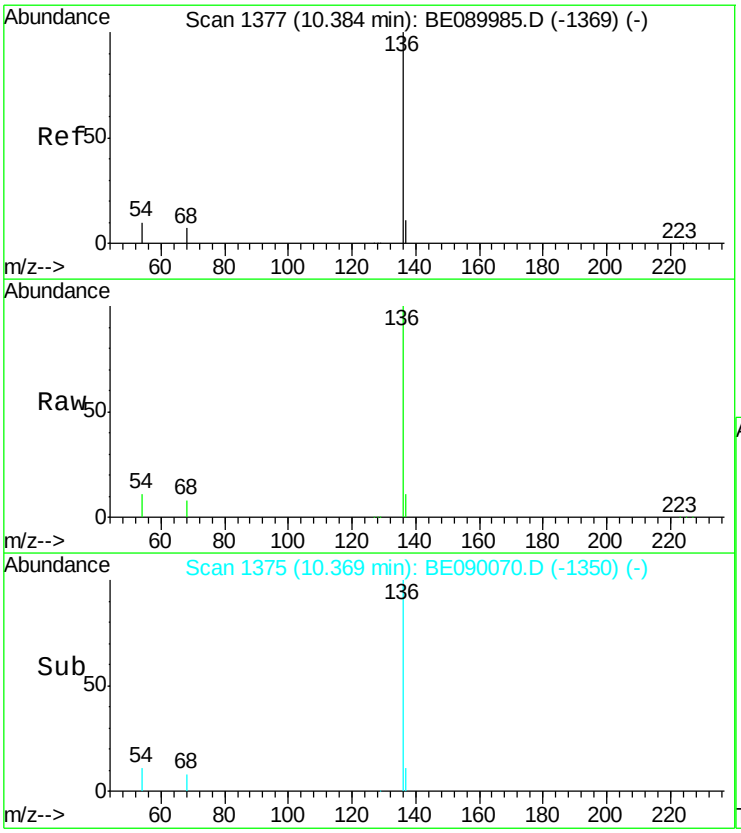
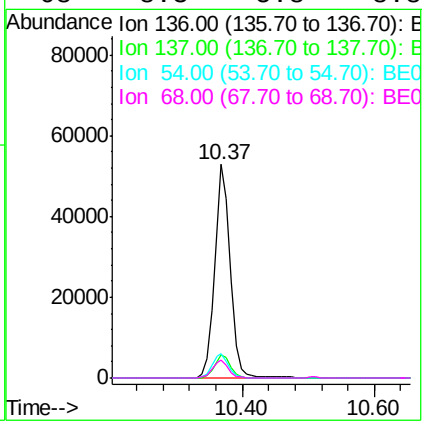
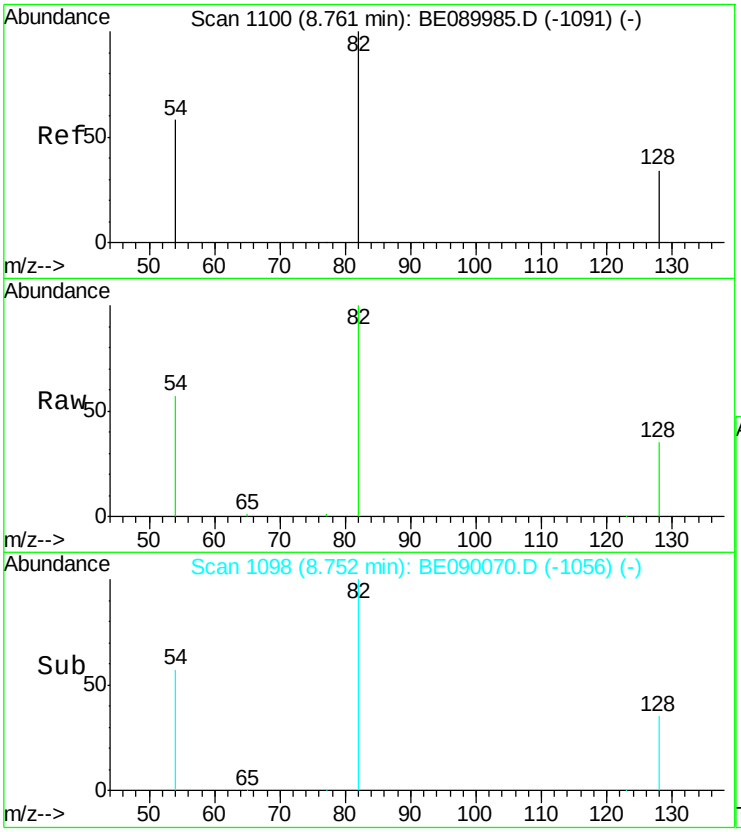


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:136 Resp: 87989

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.5	8.2	12.4
68	8.3	5.8	8.8

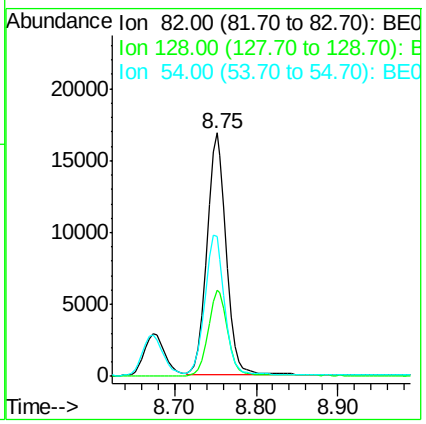




#7
Nitrobenzene-d5
Concen: 4.01 ng
RT: 8.75 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion: 82 Resp: 28007

Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.0	42.0
54	57.4	47.6	71.4



Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625

Manual Integrations APPROVED
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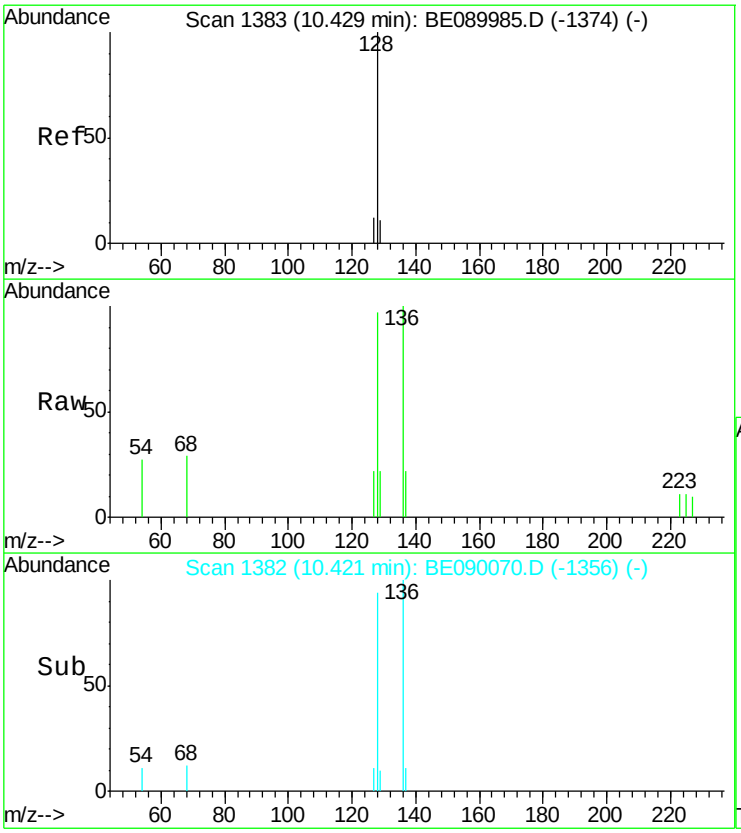
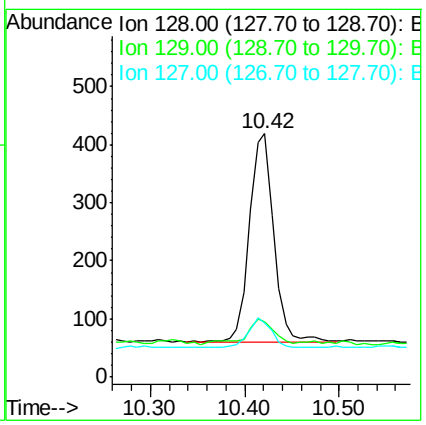
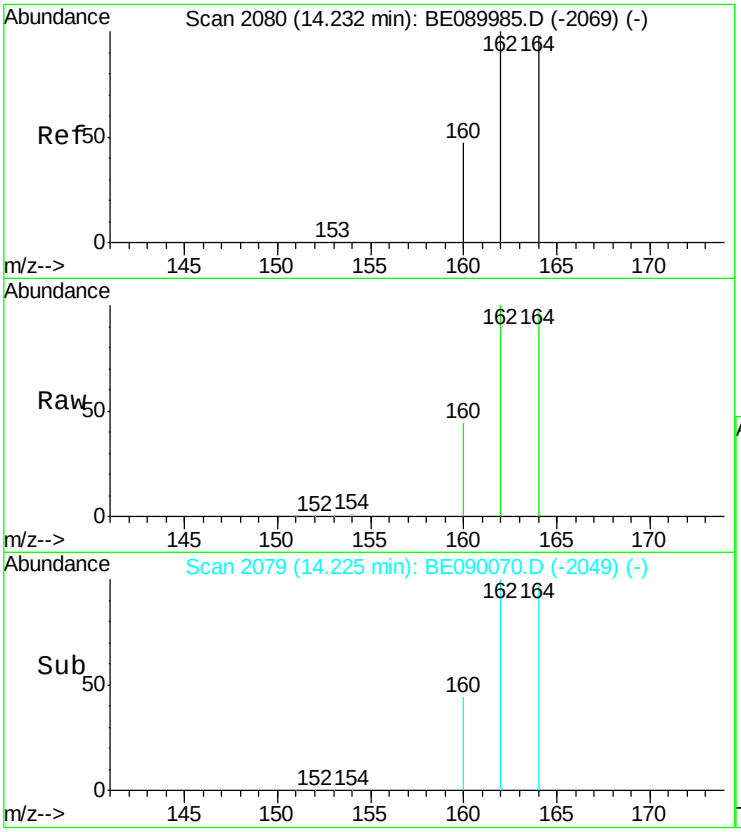


#9
Naphthalene
Concen: 0.03 ng
RT: 10.42 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:128 Resp: 658

Ion	Ratio	Lower	Upper
128	100		
129	22.9	9.3	13.9#
127	22.4	10.2	15.4#

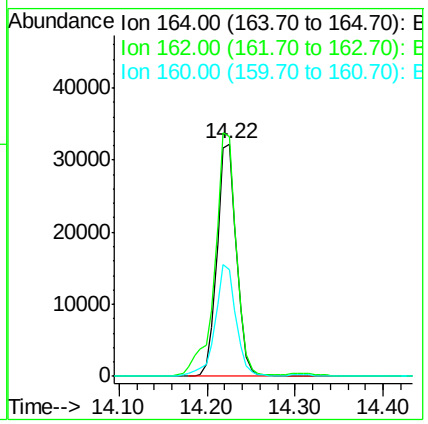




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:164 Resp: 48778

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.4
160	45.7	39.0	58.6



Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625

Manual Integrations APPROVED
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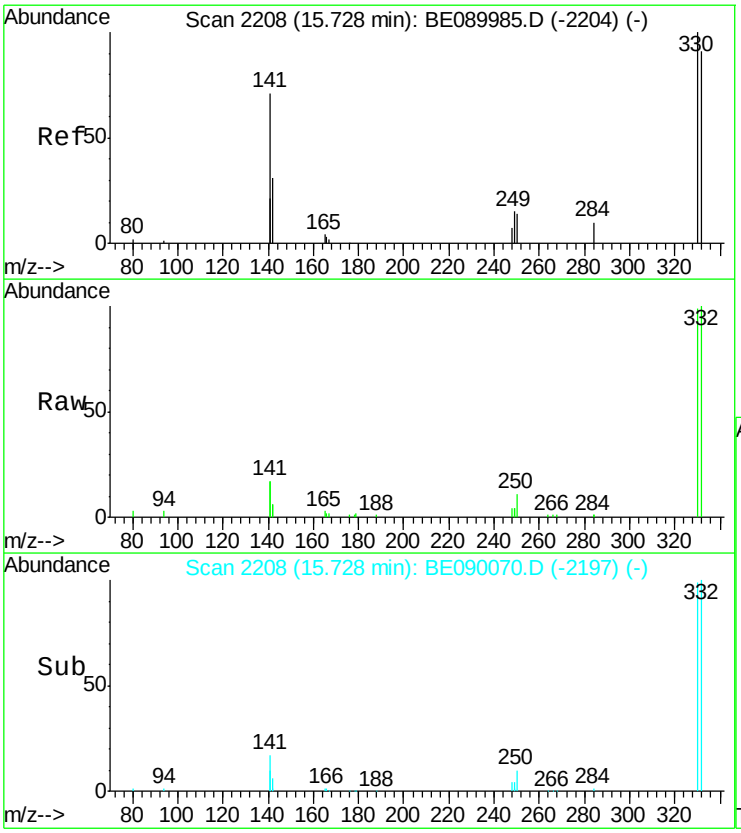
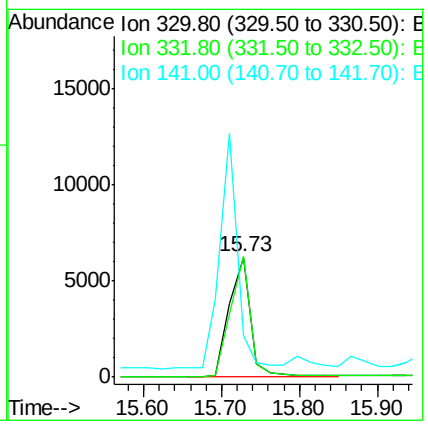
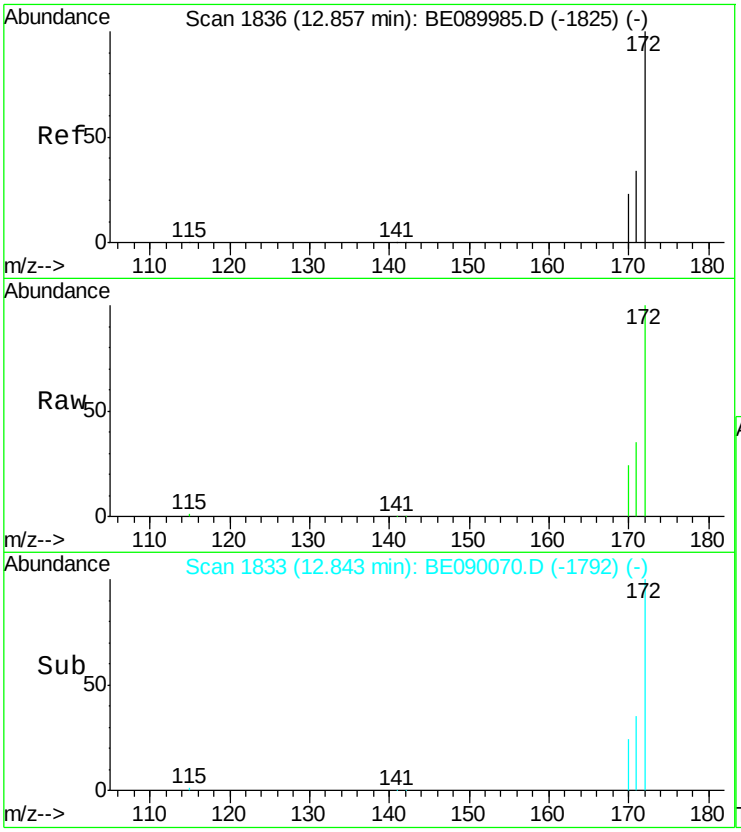


#13
2,4,6-Tribromophenol
Concen: 8.05 ng
RT: 15.73 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:330 Resp: 11505

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.4	114.6
141	166.8	130.3	195.5

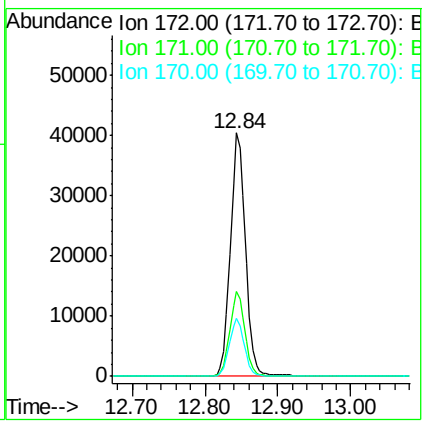




#14
2-Fluorobiphenyl
Concen: 4.02 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:172 Resp: 58891

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.6	18.3	27.5



Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625

Manual Integrations APPROVED
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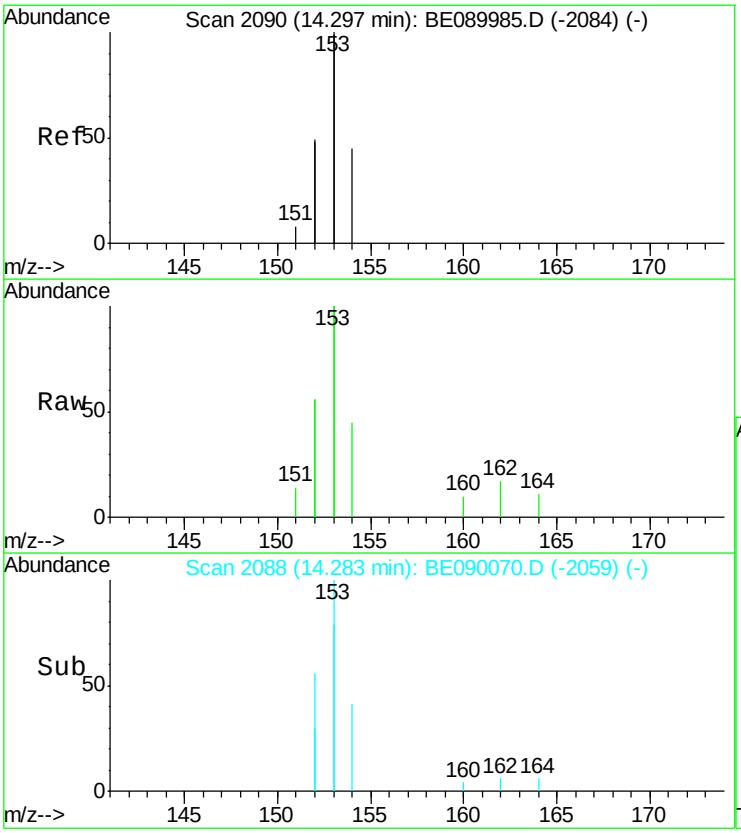
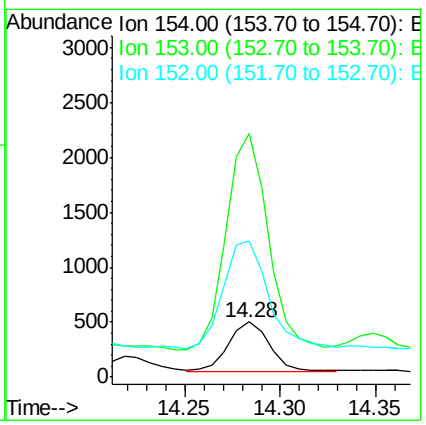
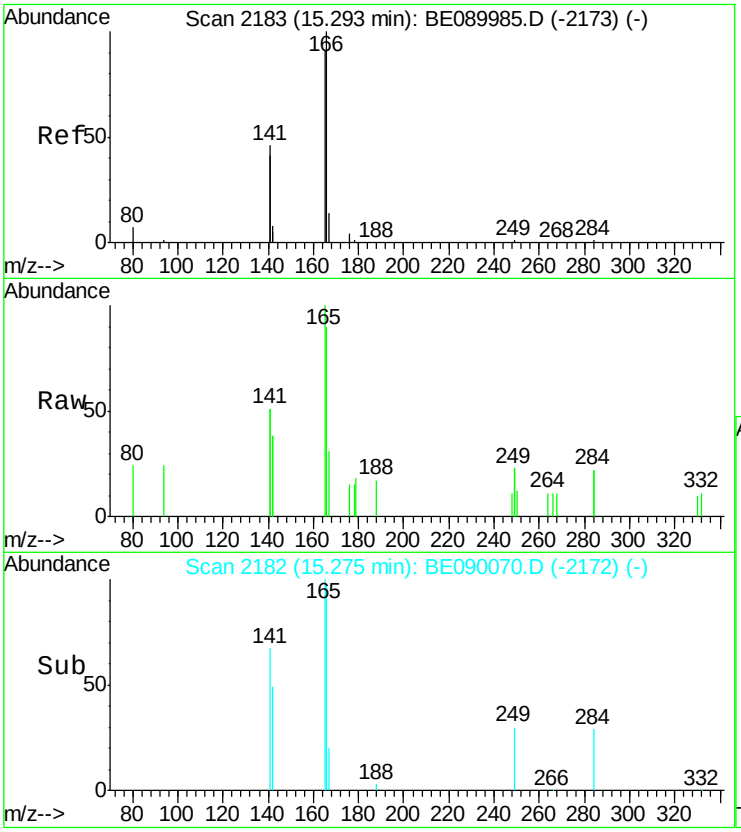


#16
Acenaphthene
Concen: 0.05 ng
RT: 14.28 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:154 Resp: 669

Ion	Ratio	Lower	Upper
154	100		
153	455.6	358.6	538.0
152	236.9	189.6	284.4

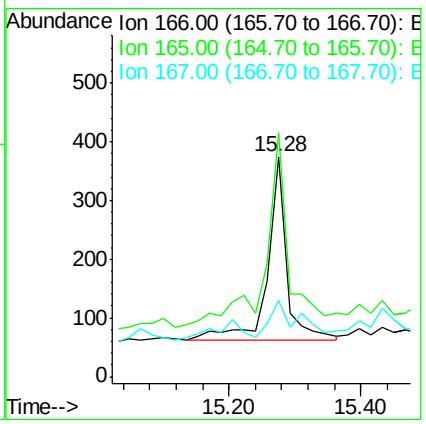




#17
Fluorene
Concen: 0.04 ng
RT: 15.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:166 Resp: 630

Ion	Ratio	Lower	Upper
166	100		
165	138.6	79.0	118.6#
167	28.7	11.8	17.8#



Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625

Manual Integrations APPROVED
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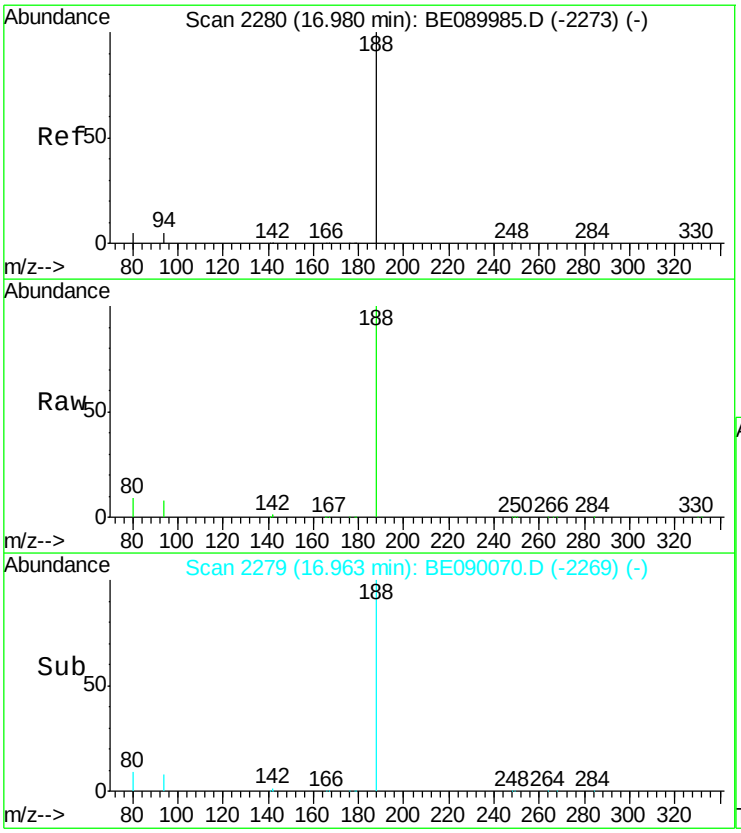
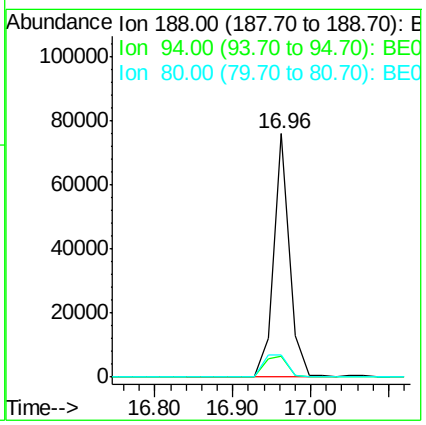
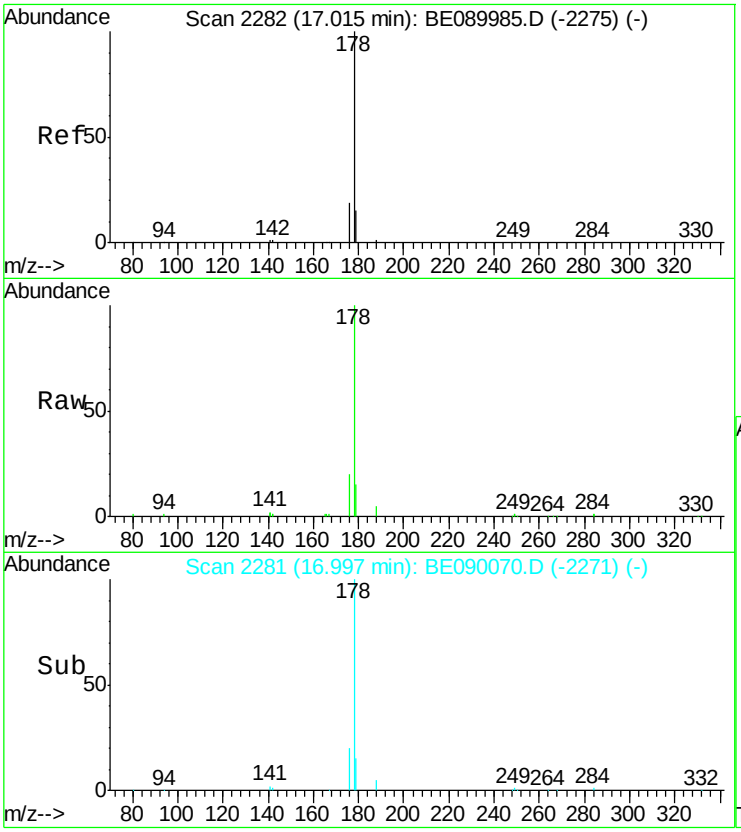


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:188 Resp: 106703

Ion	Ratio	Lower	Upper
188	100		
94	8.4	4.1	6.1#
80	8.9	4.2	6.2#

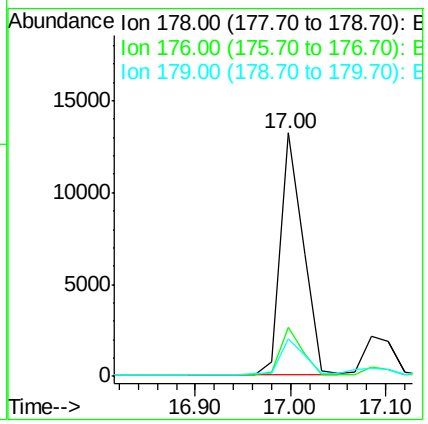




#22
Phenanthrene
Concen: 0.80 ng
RT: 17.00 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:178 Resp: 21736

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	16.2	12.4	18.6



Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625

Manual Integrations APPROVED
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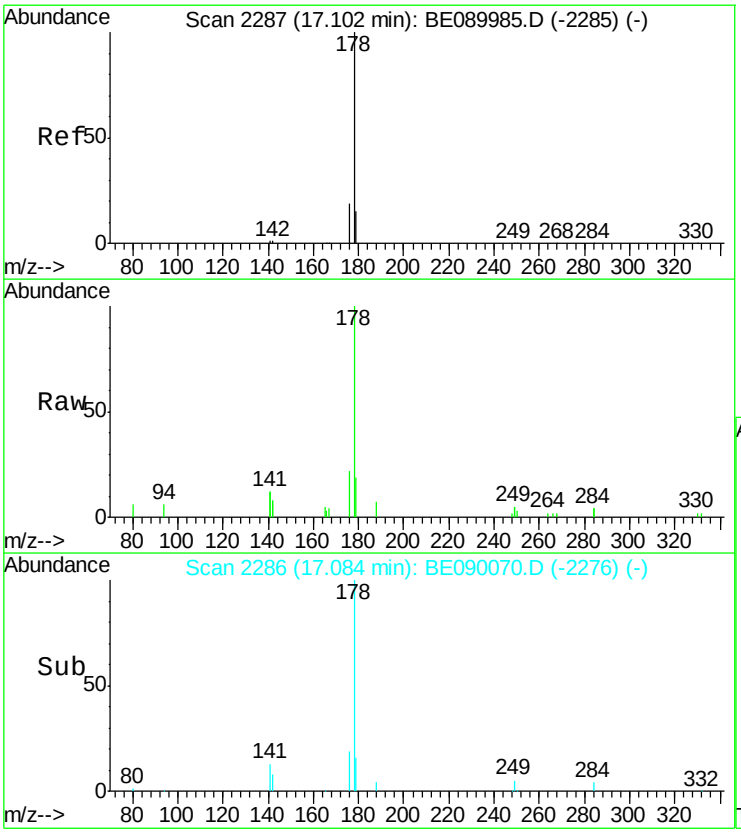
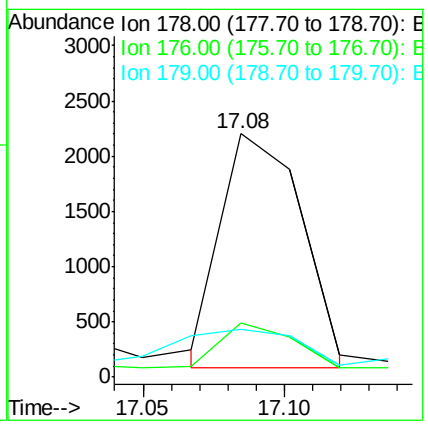
7/9/2015 2:21:07 PM

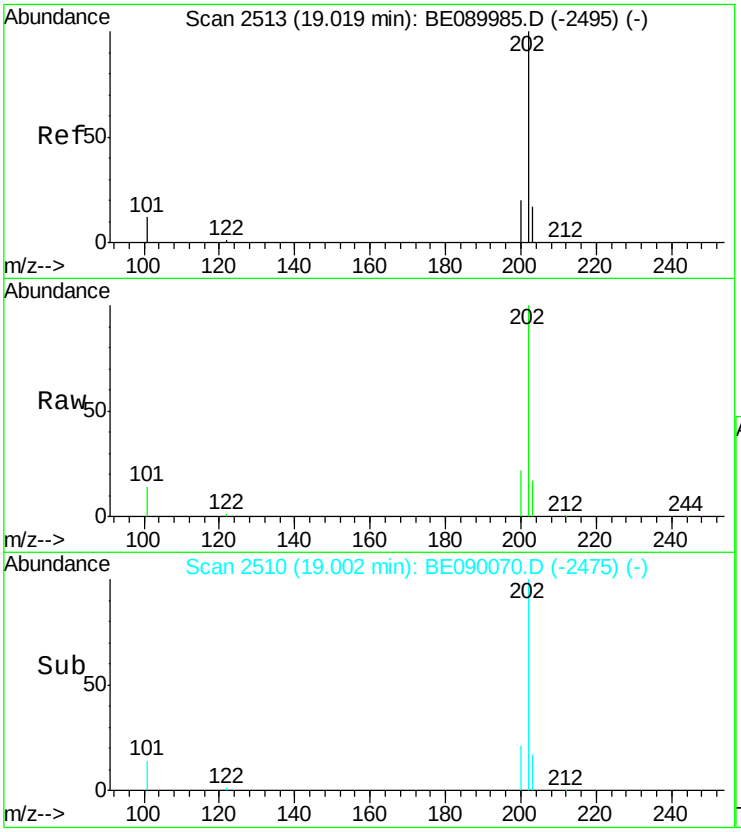


#23
Anthracene
Concen: 0.17 ng m
RT: 17.08 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:178 Resp: 4214

Ion	Ratio	Lower	Upper
178	100		
176	96.4	14.7	22.1#
179	81.3	12.1	18.1#

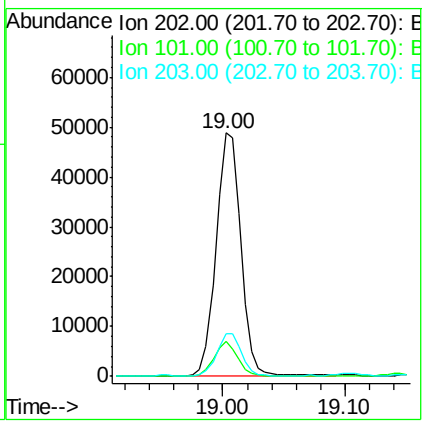




#24
Fluoranthene
Concen: 2.24 ng
RT: 19.00 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:202 Resp: 68411

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	15.8
203	17.2	13.8	20.6



Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625

Manual Integrations APPROVED
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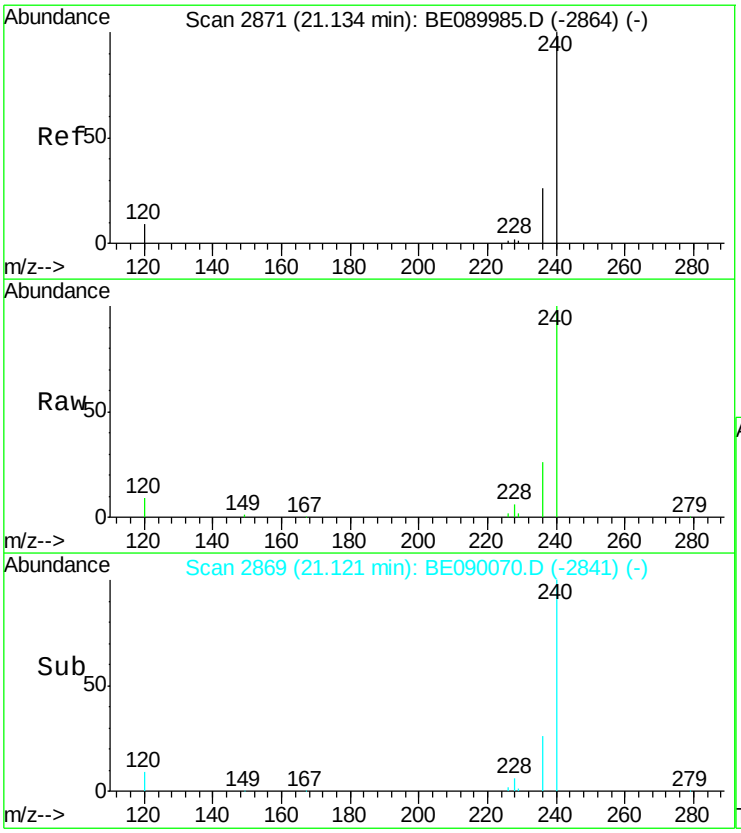
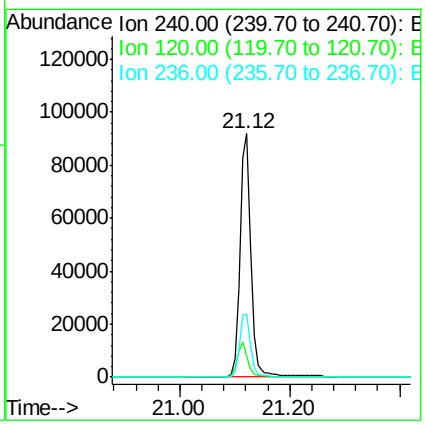
7/9/2015 2:21:07 PM

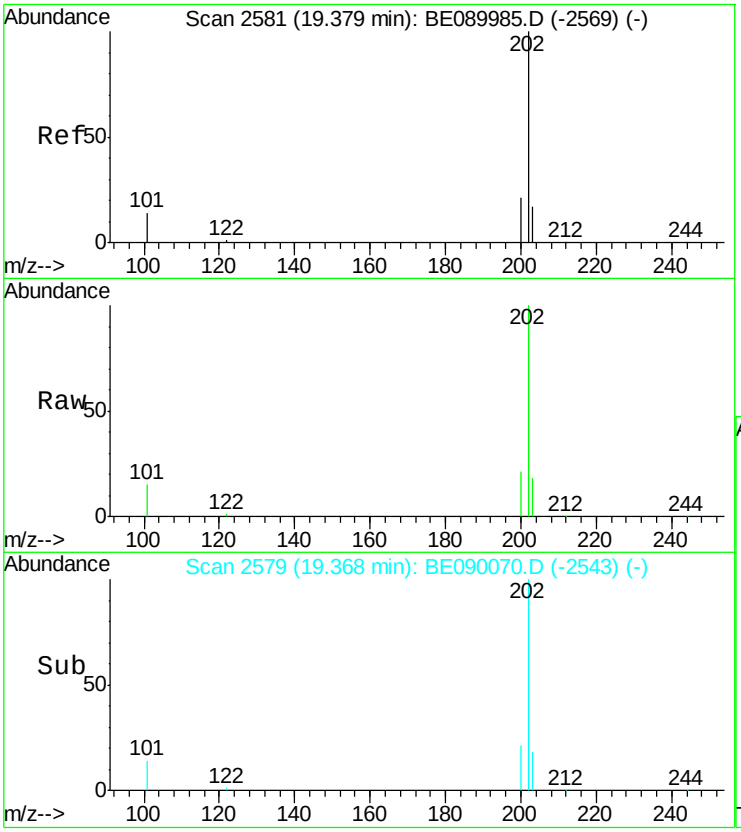


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:240 Resp: 120846

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	25.9	20.8	31.2





#26
Pyrene
Concen: 2.19 ng
RT: 19.37 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:202 Resp: 63034

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	20.4	13.9	20.9

Instrument :
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ClientSampleId :
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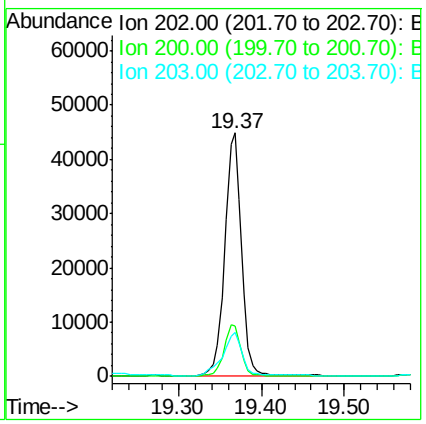
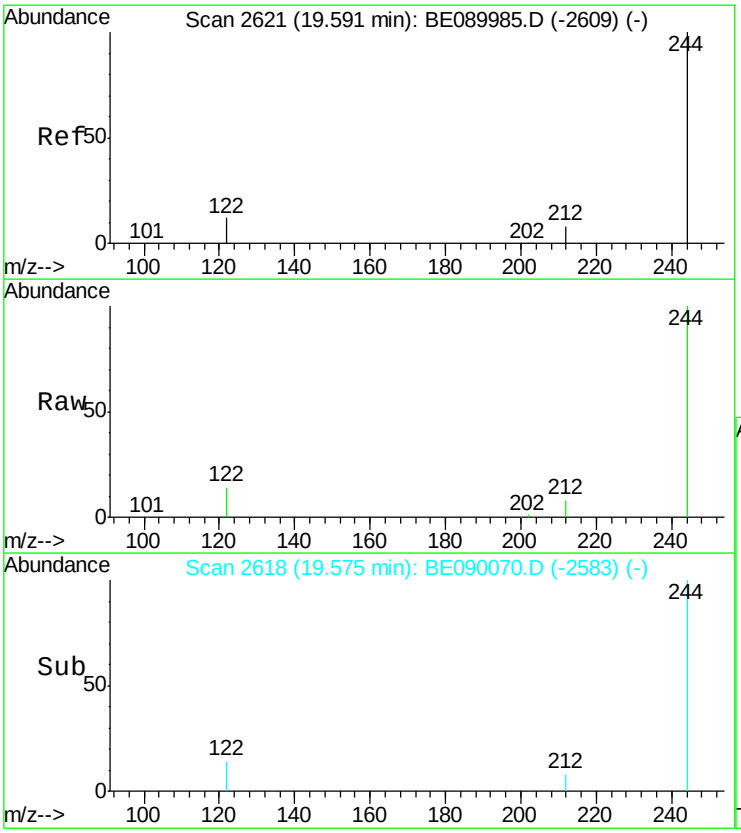
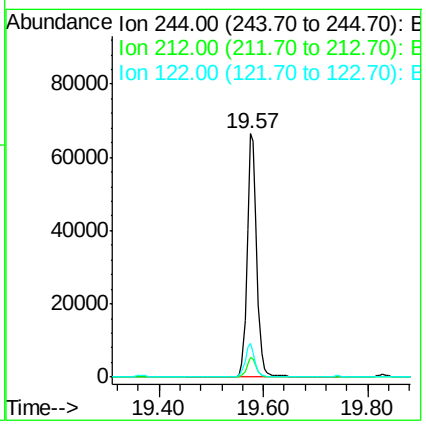


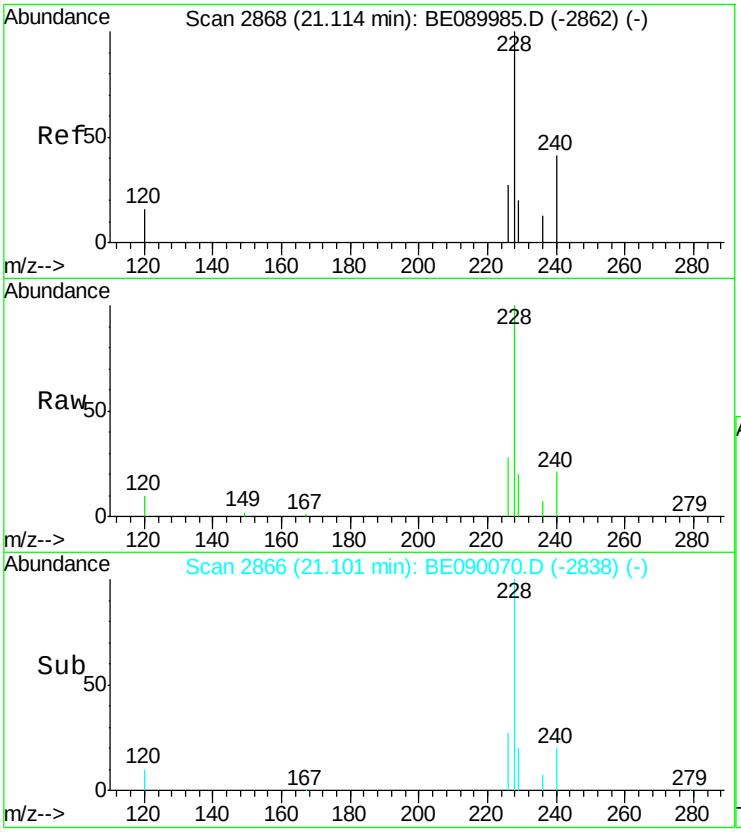


#27
Terphenyl-d14
Concen: 4.23 ng
RT: 19.57 min Scan# 2618
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:244 Resp: 85107

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	13.8	9.8	14.8

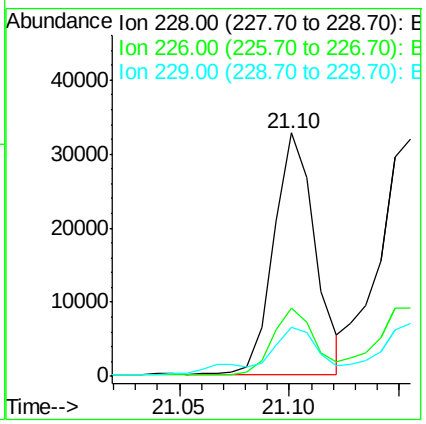




#28
Benzo(a)anthracene
Concen: 1.41 ng
RT: 21.10 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:228 Resp: 42472

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.6
229	20.3	15.8	23.6



Instrument :
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ClientSampleId :
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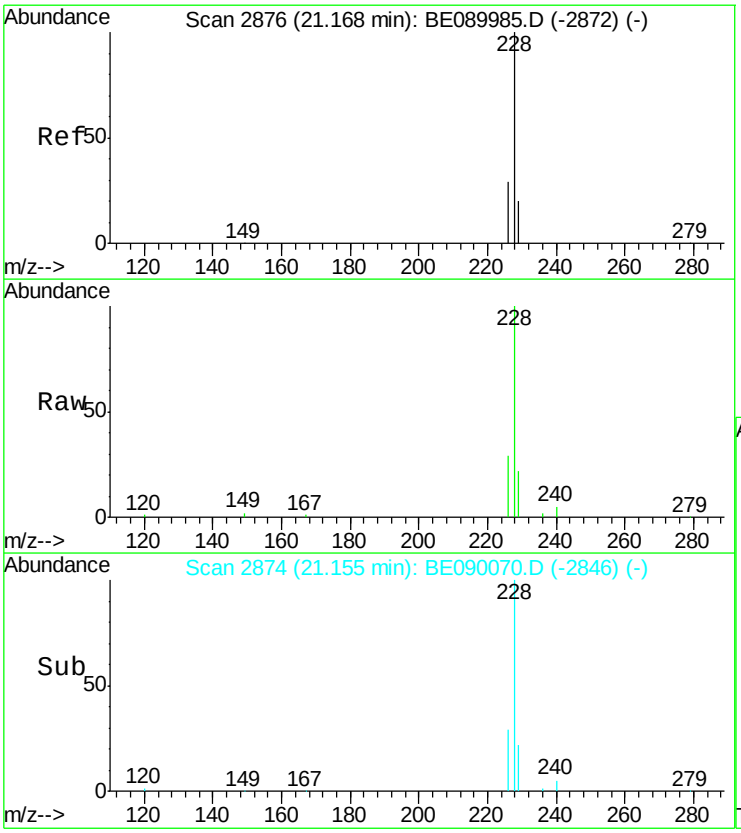
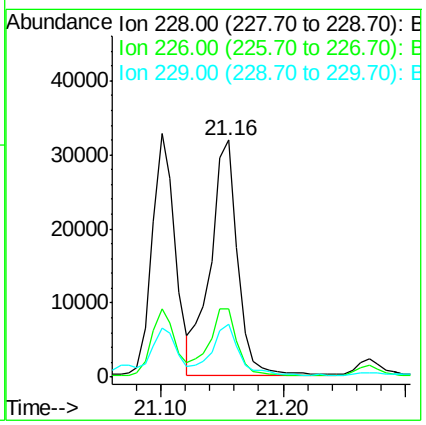
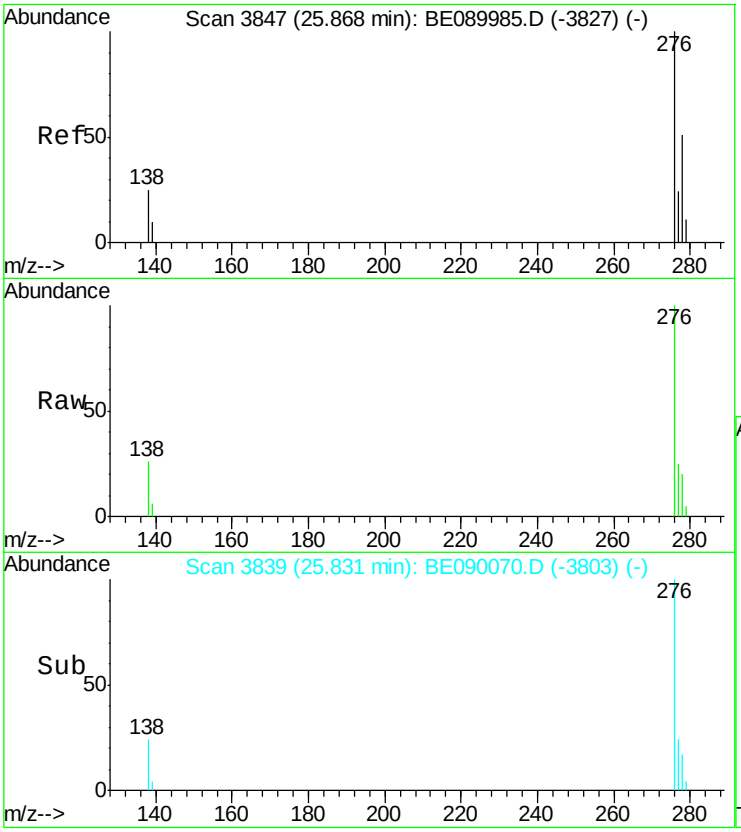


#29
Chrysene
Concen: 1.57 ng
RT: 21.16 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:228 Resp: 49217

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.0
229	22.2	16.2	24.2

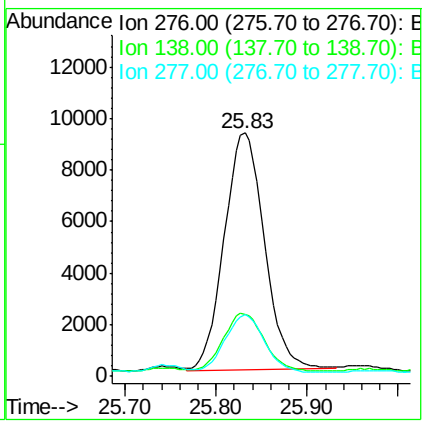




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.94 ng
RT: 25.83 min Scan# 3839
Delta R.T. -0.04 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:276 Resp: 28147

Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.3	31.9
277	23.8	19.7	29.5



Instrument :
BNA_E
ClientSampleId :
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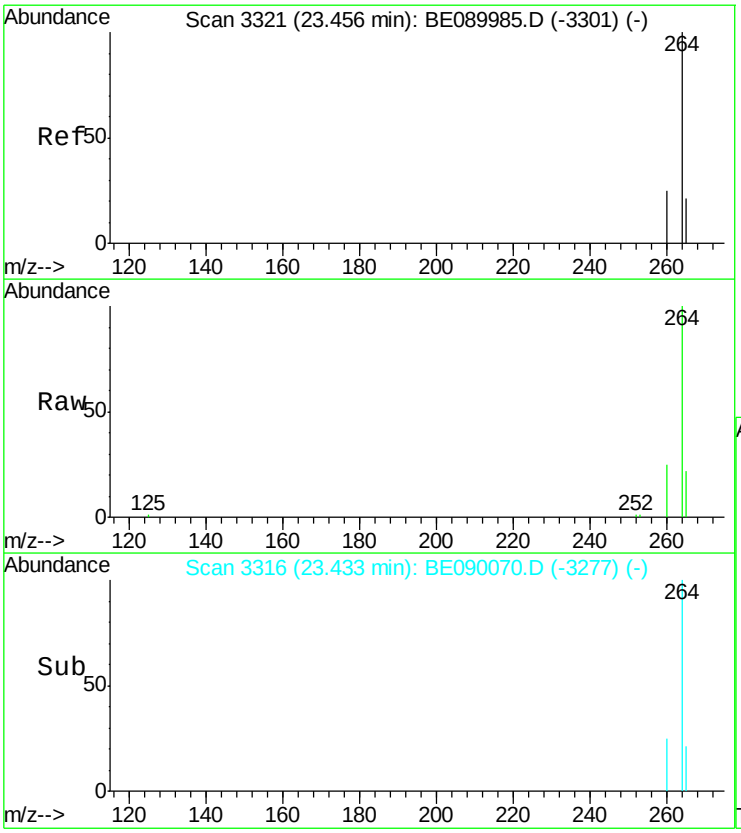
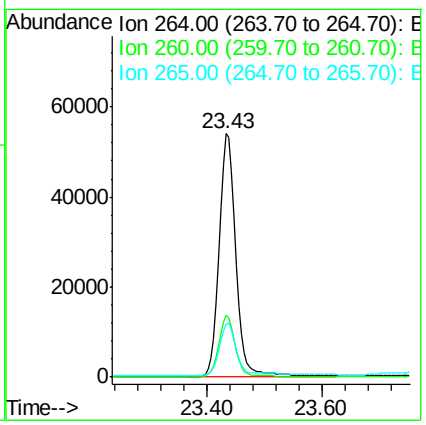
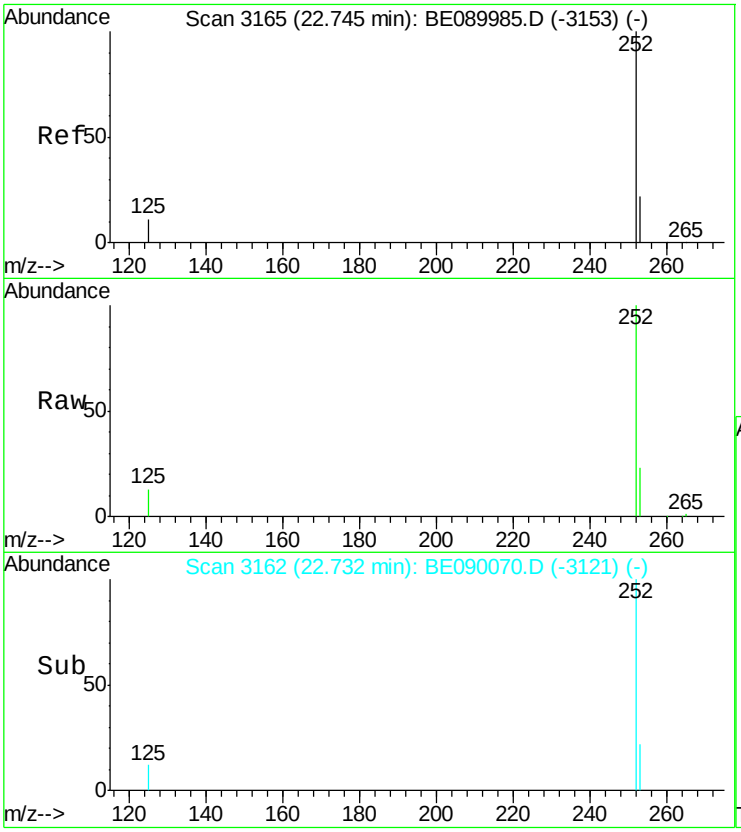


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.43 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:264 Resp: 111292

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	21.9	17.1	25.7

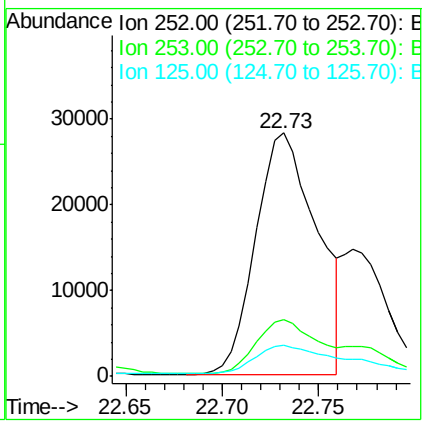




#33
Benzo(b)fluoranthene
Concen: 2.53 ng
RT: 22.73 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:252 Resp: 62194

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.6	9.0	13.4



Instrument :
BNA_E
ClientSampleId :
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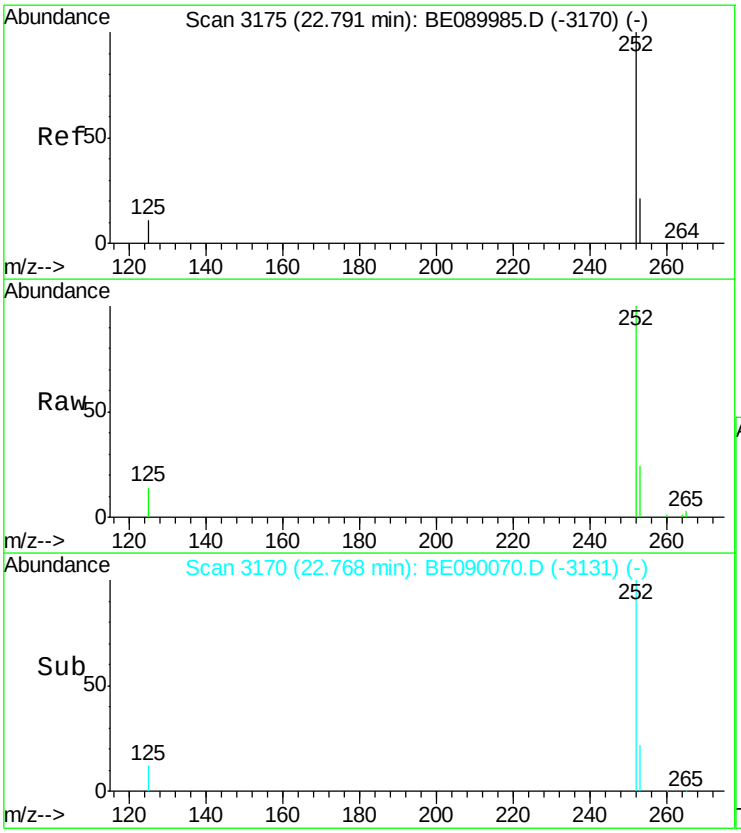
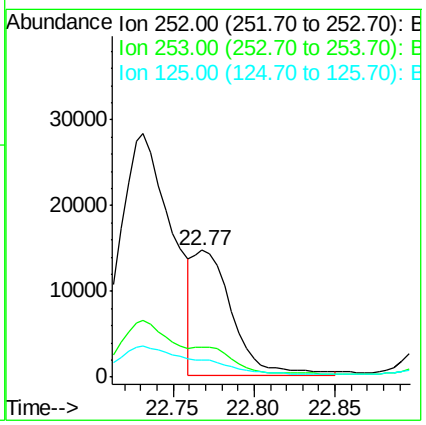
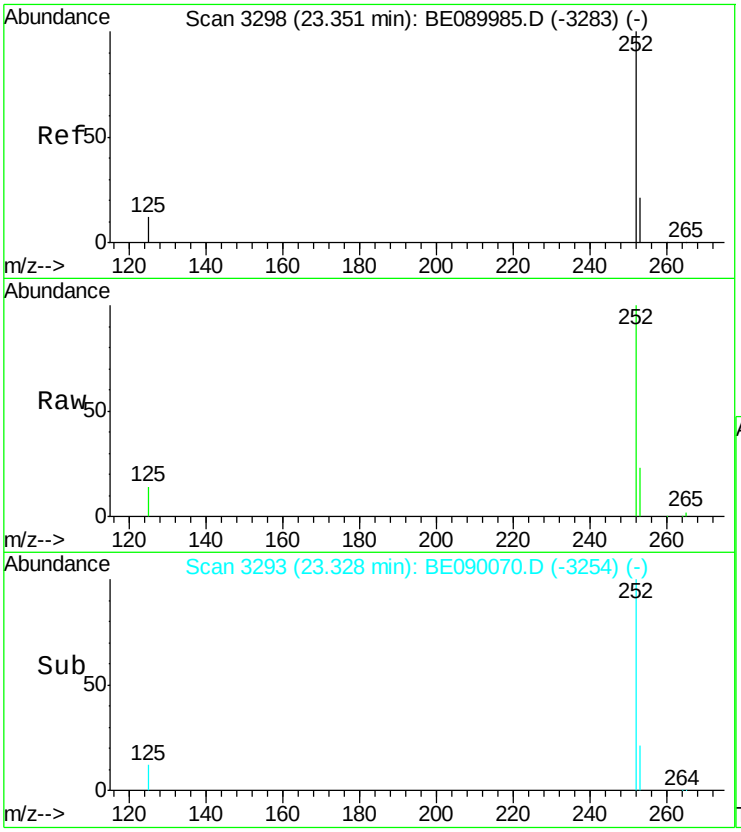


#34
Benzo(k)fluoranthene
Concen: 0.91 ng m
RT: 22.77 min Scan# 3170
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:252 Resp: 25065

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	13.9	9.5	14.3





#35
Benzo(a)pyrene
Concen: 1.86 ng
RT: 23.33 min Scan# 3293
Delta R.T. -0.02 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:252 Resp: 42210

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	13.6	10.5	15.7

Instrument :
BNA_E
ClientSampleId :
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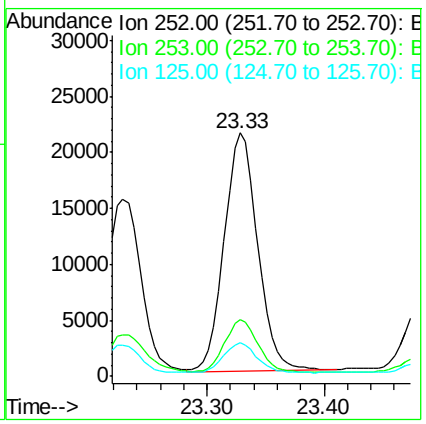
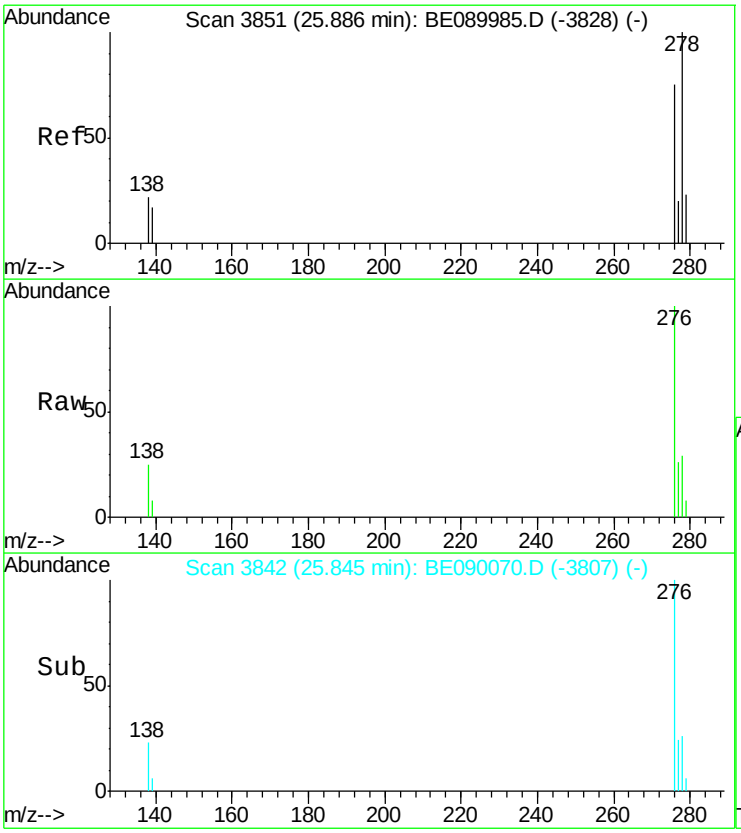
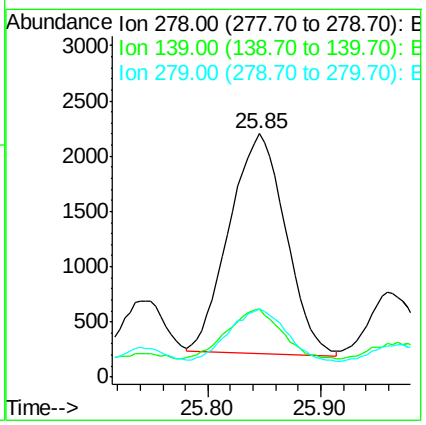


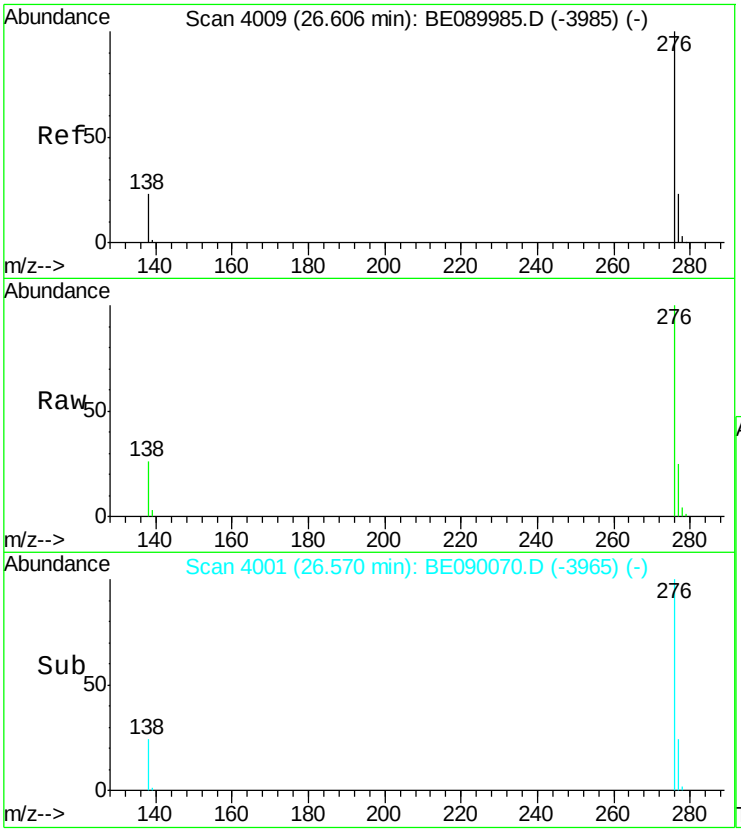


#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.85 min Scan# 3842
Delta R.T. -0.04 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:278 Resp: 6821

Ion	Ratio	Lower	Upper
278	100		
139	27.9	14.4	21.6#
279	28.0	19.0	28.6

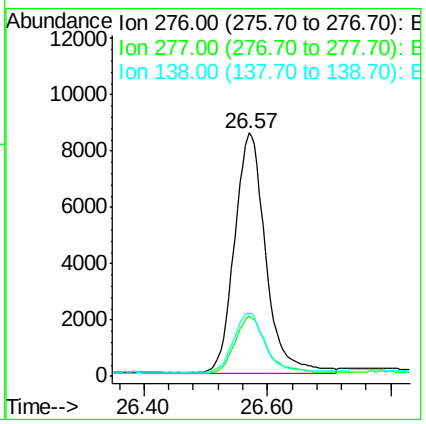




#37
Benzo(g,h,i)perylene
Concen: 1.26 ng
RT: 26.57 min Scan# 4001
Delta R.T. -0.04 min
Lab File: BE090070.D
Acq: 8 Jul 2015 22:08

Tgt Ion:276 Resp: 29642

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	25.8	18.6	27.8



Instrument :
BNA_E
ClientSampleId :
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