Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE090000.D
Acq On : 30 Jun 2015 3:32
Operator : TP/IZ
Sample : G2810-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0680624-150625

Manual Integrations APPROVED
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6/30/2015 4:54:53 PM

Quant Time: Jun 30 07:56:35 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	21479	5.00	ng		0.00
6) Naphthalene-d8	10.38	136	99484	5.00	ng		0.00
12) Acenaphthene-d10	14.23	164	60545	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	139285	5.00	ng		0.00
25) Chrysene-d12	21.13	240	157295	5.00	ng		0.00
32) Perylene-d12	23.46	264	149447	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	38717	7.85	ng		0.00
5) Phenol-d6	6.80	99	60318	8.73	ng		0.00
7) Nitrobenzene-d5	8.76	82	36590	4.63	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	16541	9.32	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	86193	4.74	ng		0.00
27) Terphenyl-d14	19.59	244	129299	4.93	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.43	128	1316	0.06	ng	#	87
11) 2-Methylnaphthalene	12.04	142	1213	0.08	ng		96
16) Acenaphthene	14.29	154	1498	0.10	ng		85
17) Fluorene	15.29	166	1832	0.09	ng	#	89
22) Phenanthrene	17.01	178	29106	0.82	ng		98
23) Anthracene	17.10	178	5990m	0.18	ng		
24) Fluoranthene	19.02	202	76656	1.92	ng		99
26) Pyrene	19.38	202	71313	1.90	ng	#	96
28) Benzo(a)anthracene	21.11	228	49822	1.27	ng		97
29) Chrysene	21.17	228	57774	1.42	ng		97
31) Indeno(1,2,3-cd)pyrene	25.86	276	36224	0.93	ng		96
33) Benzo(b)fluoranthene	22.75	252	73165	2.22	ng	#	96
34) Benzo(k)fluoranthene	22.79	252	29665m	0.81	ng		
35) Benzo(a)pyrene	23.35	252	51166	1.68	ng		97
36) Dibenzo(a,h)anthracene	25.87	278	9042	0.29	ng	#	85
37) Benzo(g,h,i)perylene	26.61	276	40797	1.29	ng	#	79

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE090000.D
Acq On : 30 Jun 2015 3:32
Operator : TP/IZ
Sample : G2810-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 30 07:56:35 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 :
X1SS0680624-150625

Manual Integrations APPROVED
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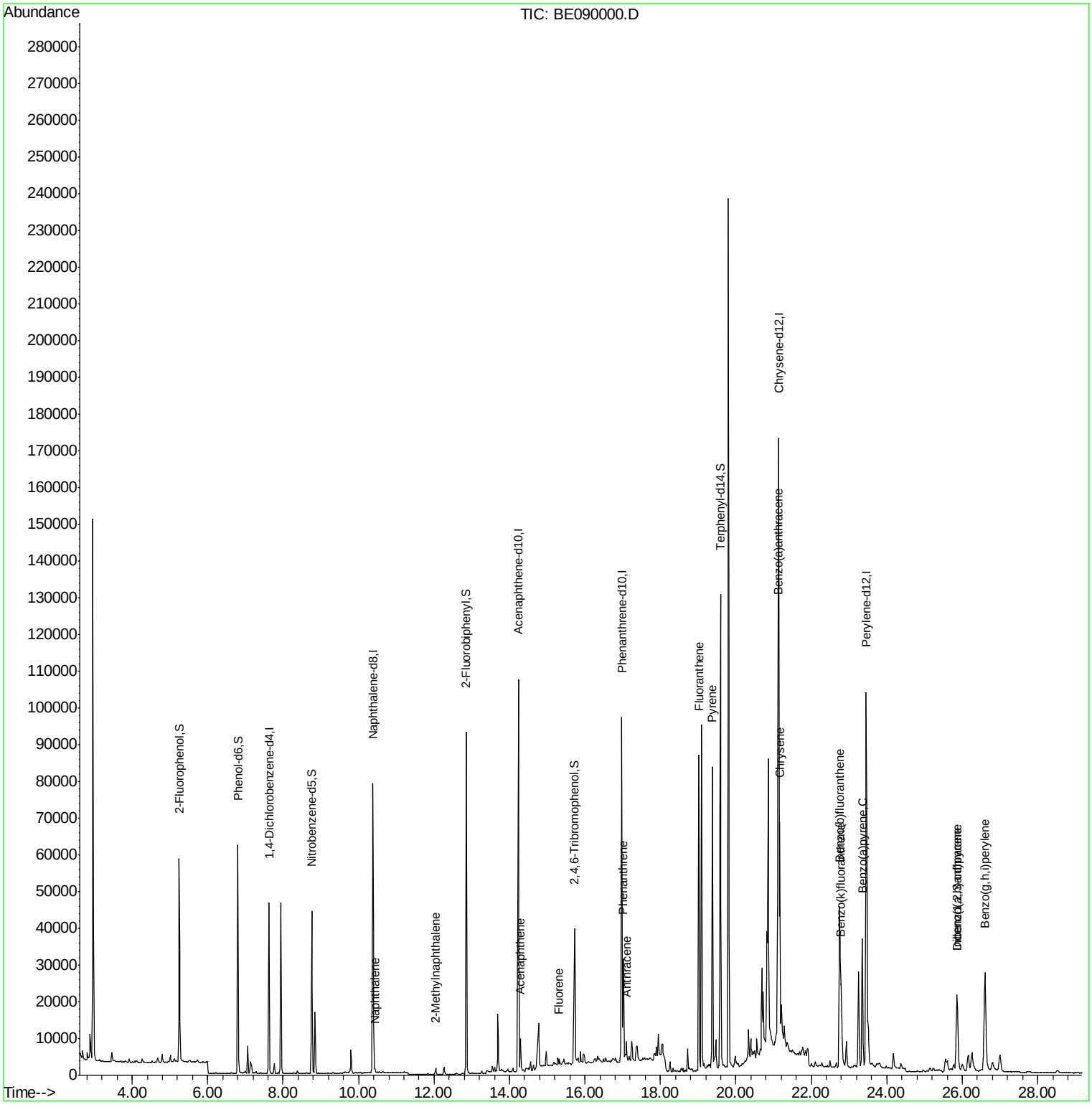
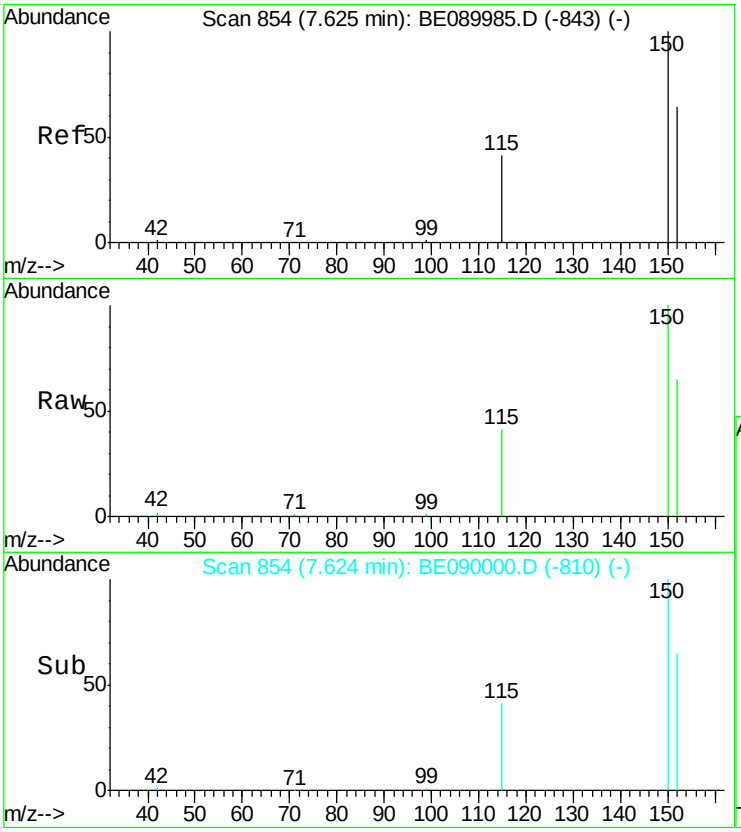
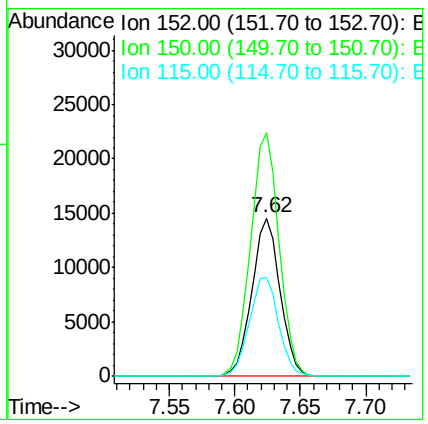




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 854
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:152 Resp: 21479

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.9	185.9
115	62.8	50.6	76.0



Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

Manual Integrations APPROVED
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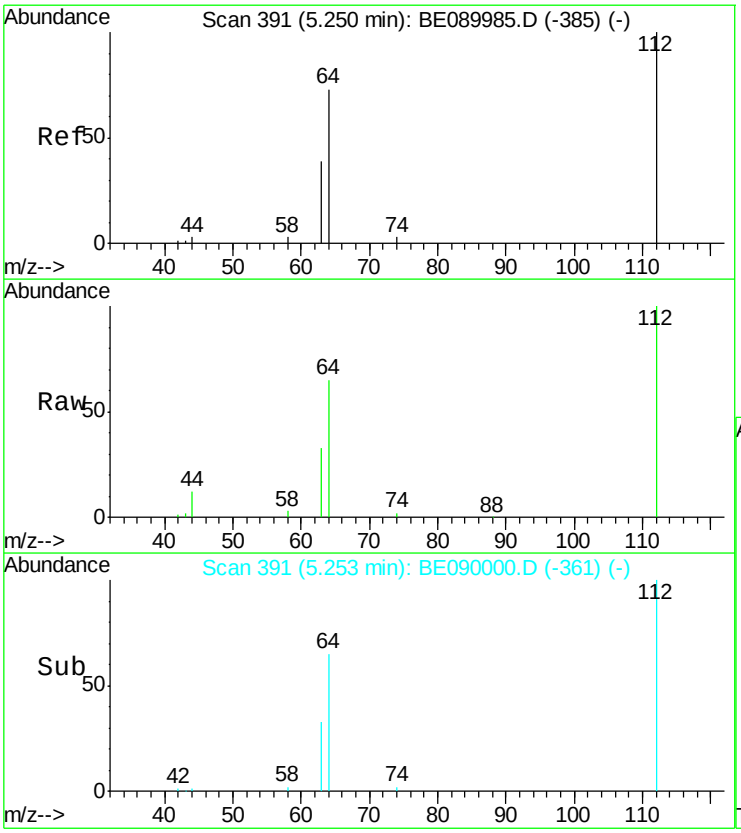
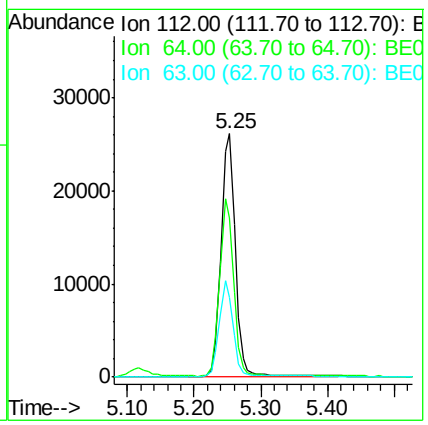
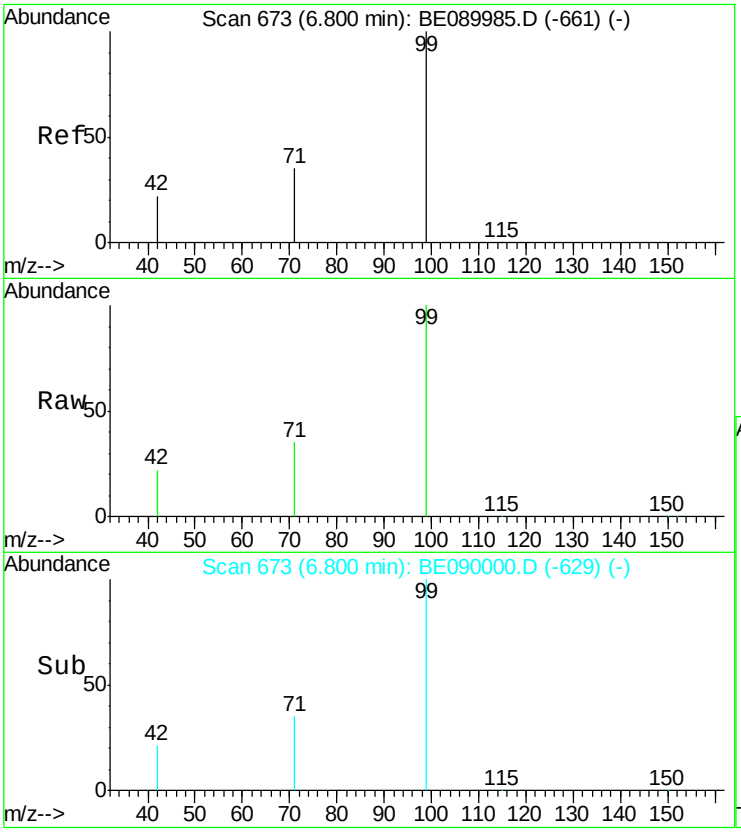


#4
2-Fluorophenol
Concen: 7.85 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:112 Resp: 38717

Ion	Ratio	Lower	Upper
112	100		
64	71.4	56.3	84.5
63	38.0	29.8	44.6

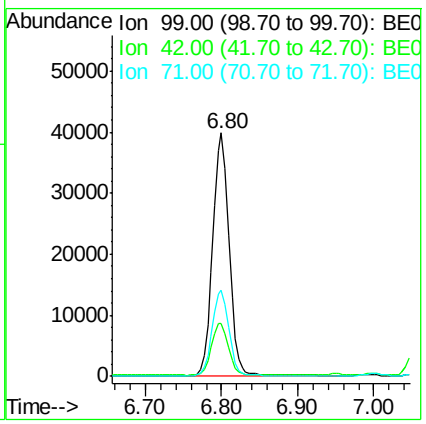




#5
Phenol-d6
Concen: 8.73 ng
RT: 6.80 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion: 99 Resp: 60318

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.7	28.1
71	35.6	27.5	41.3



Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

Manual Integrations APPROVED
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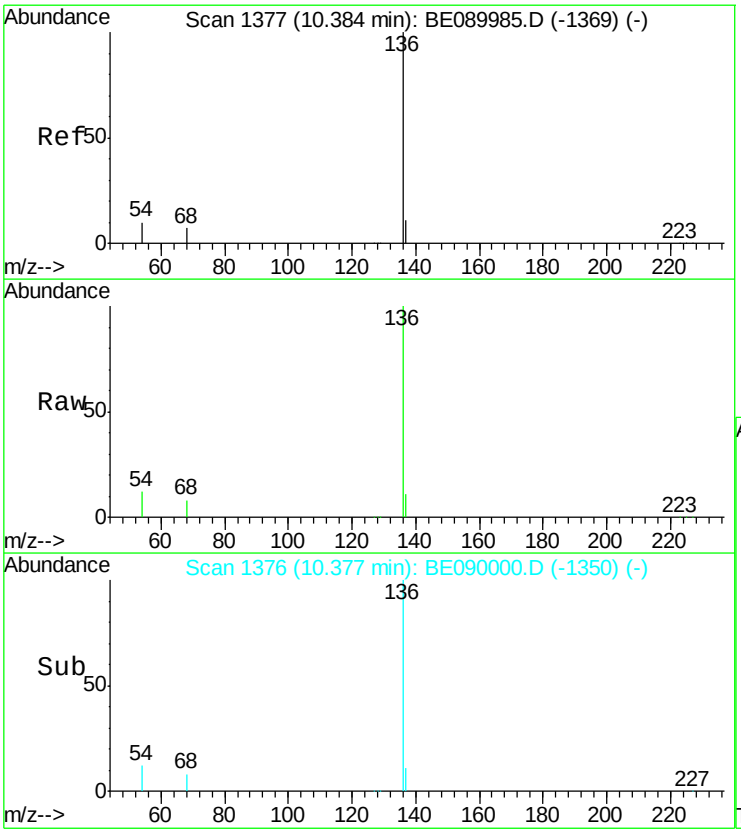
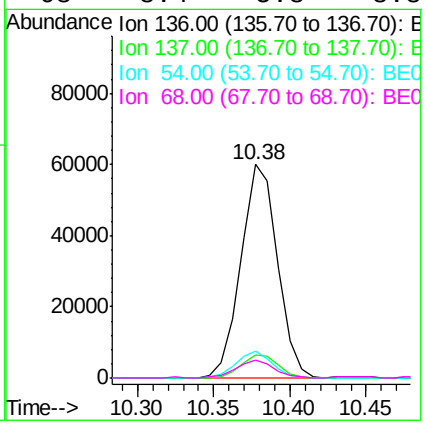
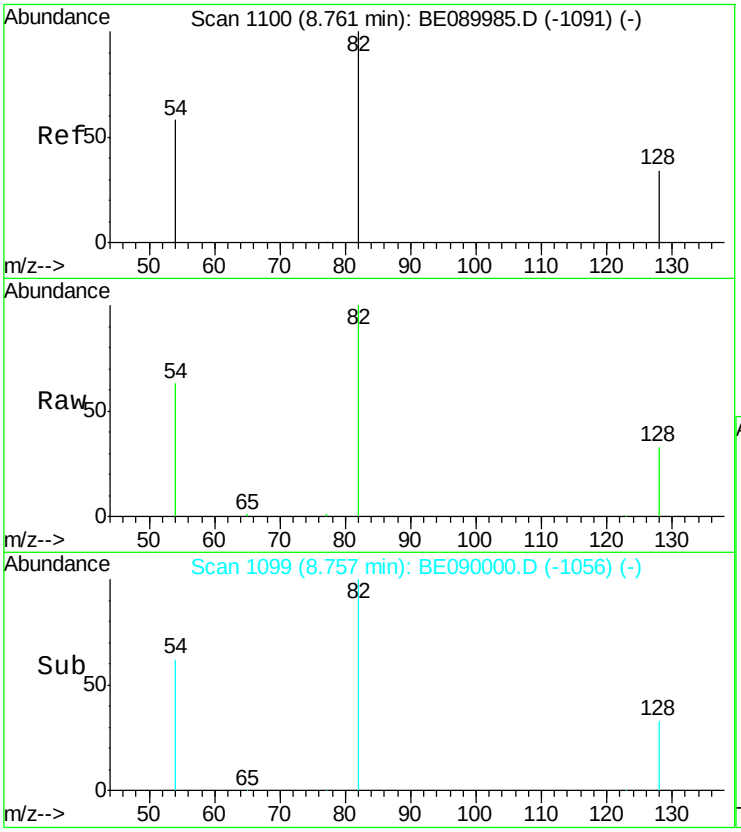


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:136 Resp: 99484

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	12.3	8.2	12.4
68	8.4	5.8	8.8





#7
Nitrobenzene-d5
Concen: 4.63 ng
RT: 8.76 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion: 82 Resp: 36590

Ion	Ratio	Lower	Upper
82	100		
128	33.0	28.0	42.0
54	62.5	47.6	71.4

Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

Manual Integrations APPROVED
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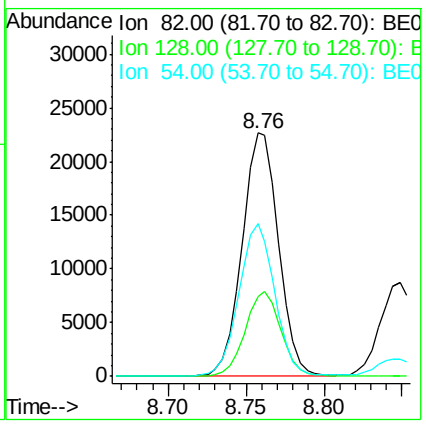
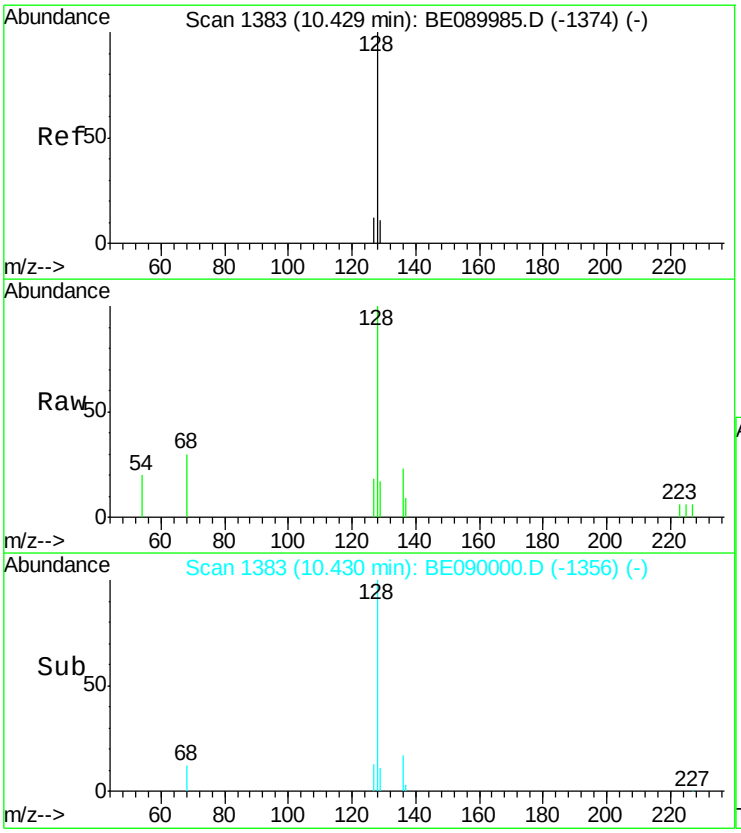
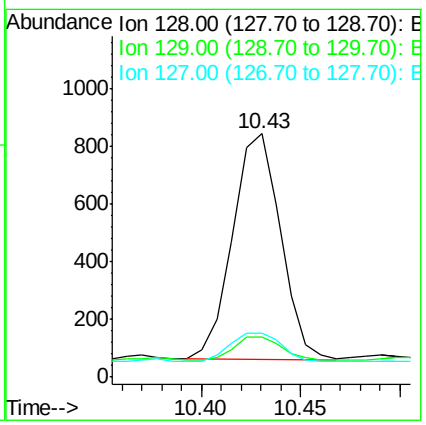


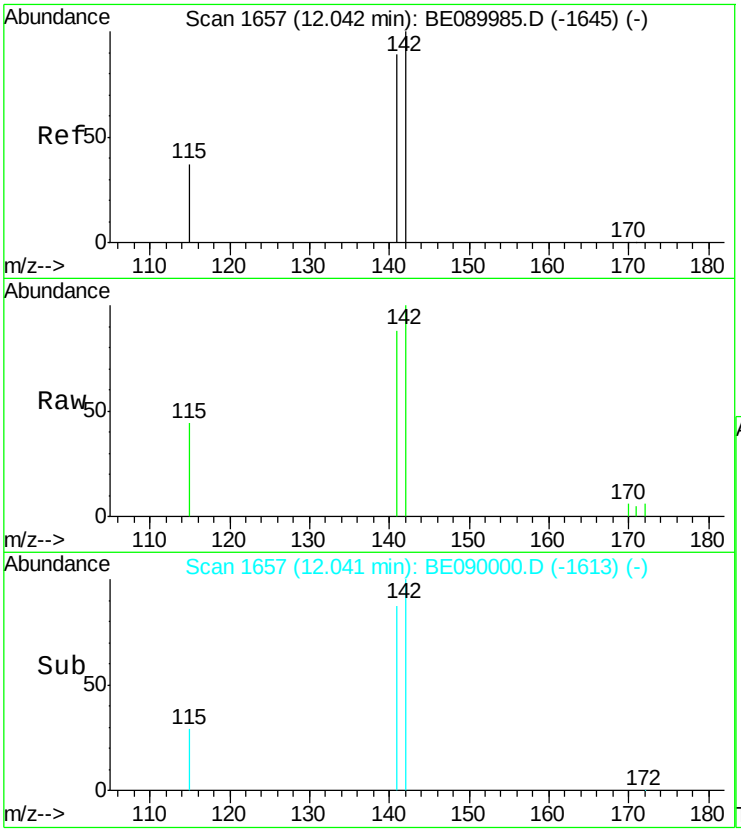


#9
Naphthalene
Concen: 0.06 ng
RT: 10.43 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:128 Resp: 1316

Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.3	13.9#
127	18.0	10.2	15.4#





#11
2-Methylnaphthalene
Concen: 0.08 ng
RT: 12.04 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:142 Resp: 1213

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	44.4	30.4	45.6

Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

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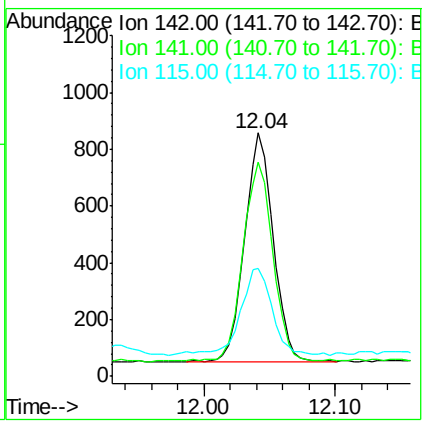
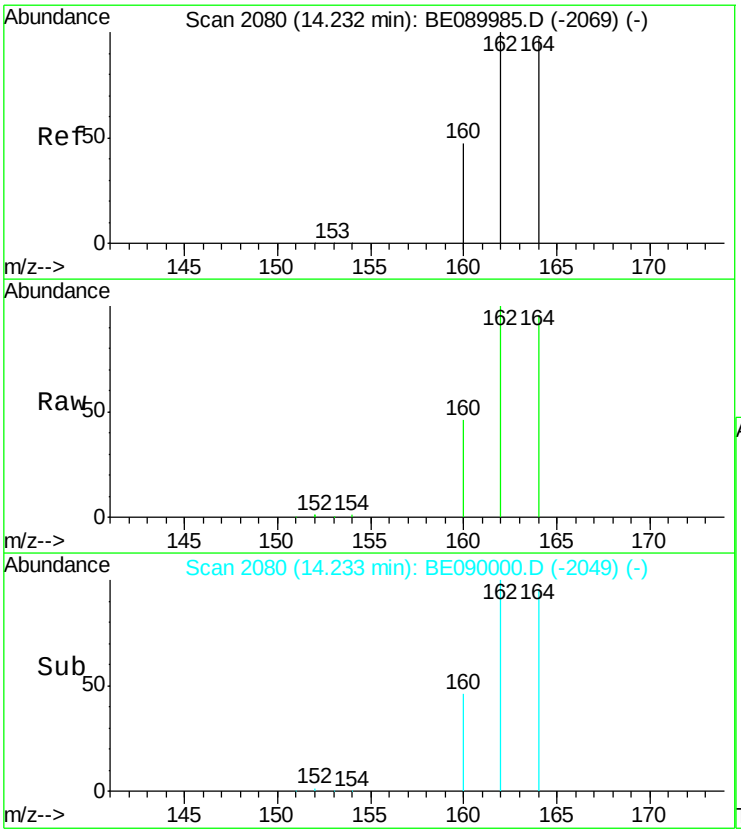
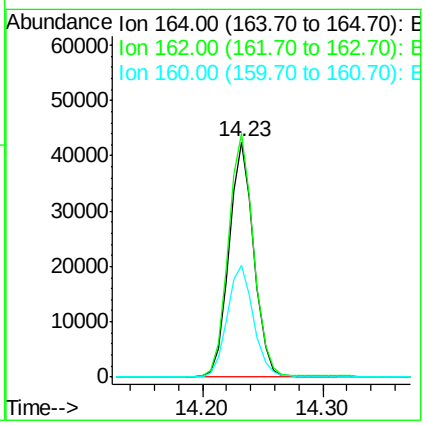


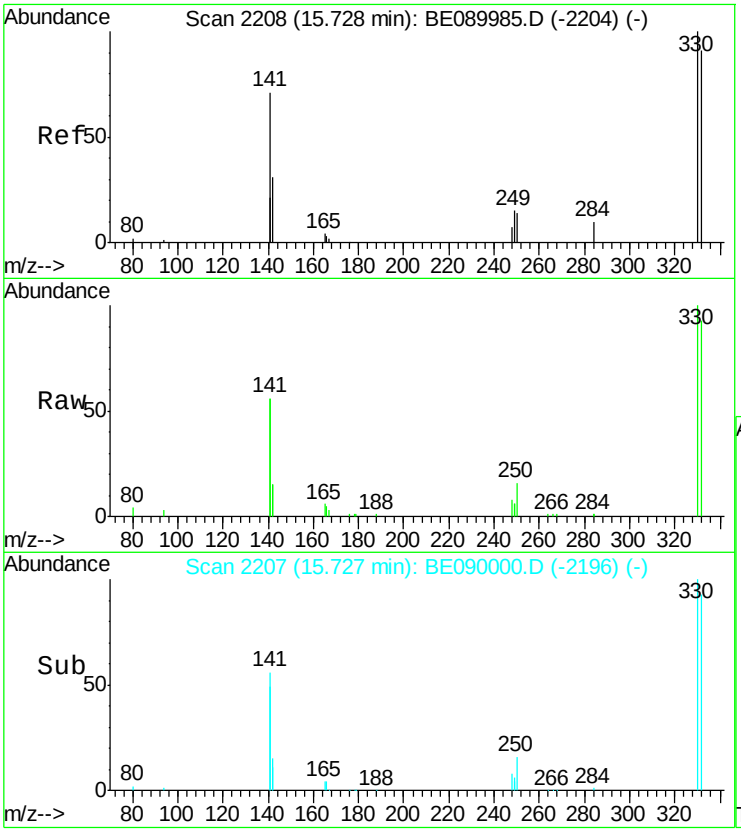


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:164 Resp: 60545

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.4
160	47.6	39.0	58.6

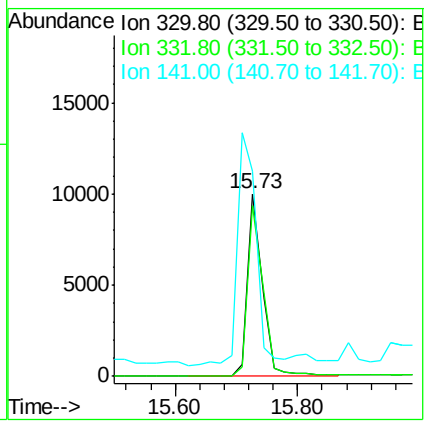




#13
2,4,6-Tribromophenol
Concen: 9.32 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:330 Resp: 16541

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.4	114.6
141	163.6	130.3	195.5



Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

Manual Integrations APPROVED
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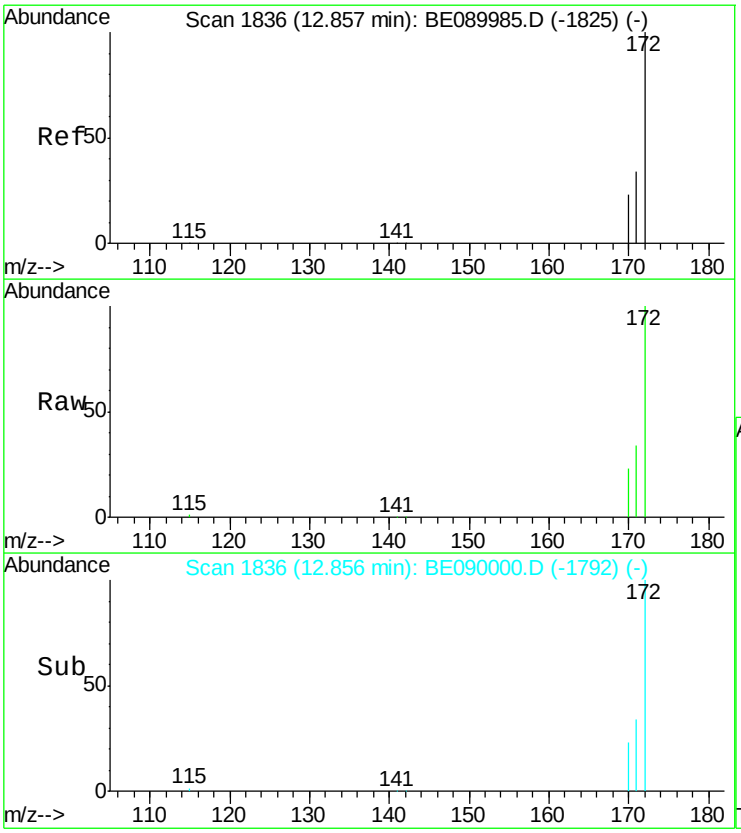
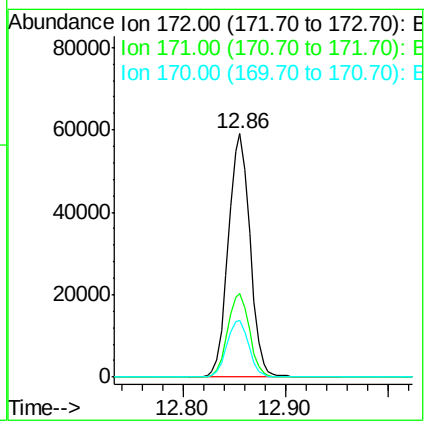
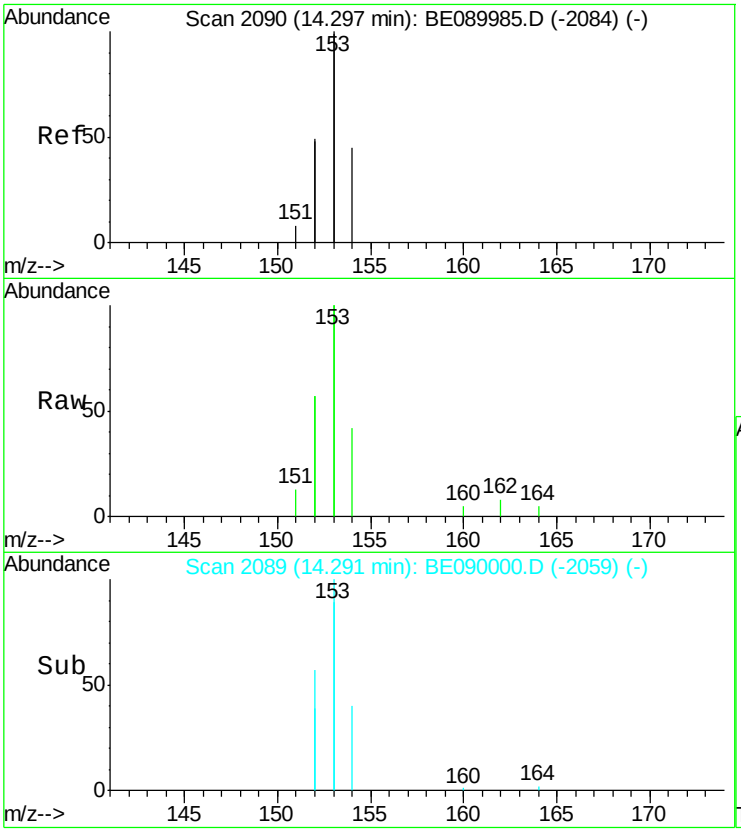


#14
2-Fluorobiphenyl
Concen: 4.74 ng
RT: 12.86 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:172 Resp: 86193

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	23.1	18.3	27.5

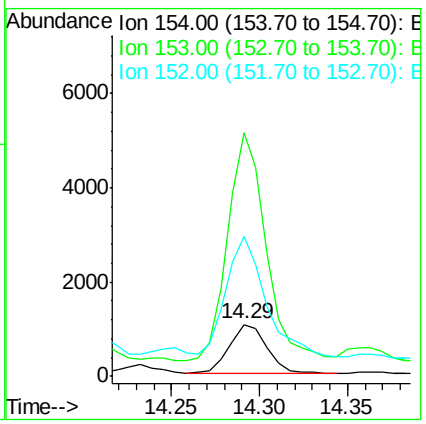




#16
Acenaphthene
Concen: 0.10 ng
RT: 14.29 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:154 Resp: 1498

Ion	Ratio	Lower	Upper
154	100		
153	480.9	358.6	538.0
152	269.0	189.6	284.4



Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

Manual Integrations APPROVED
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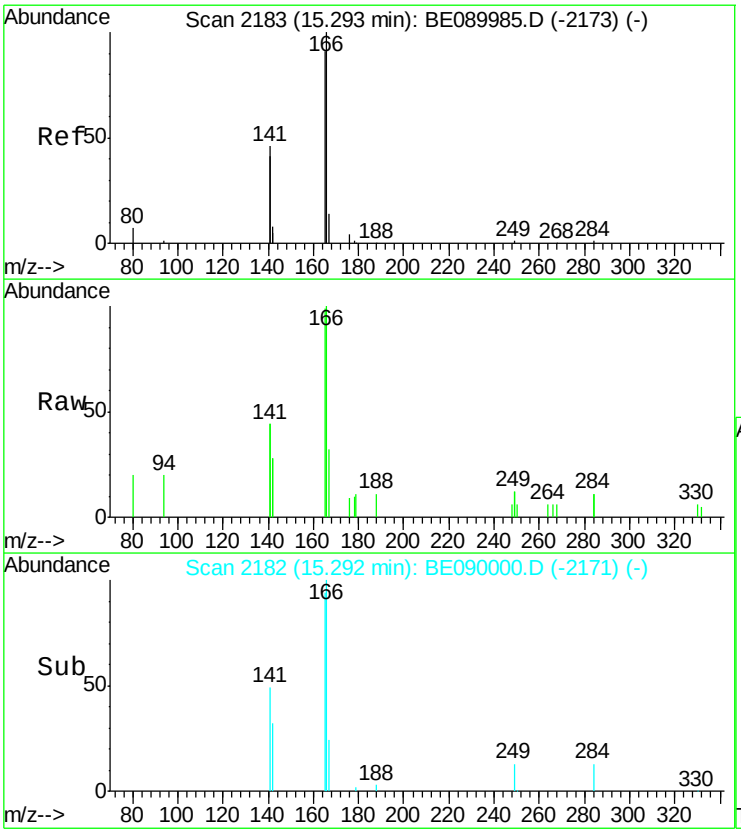
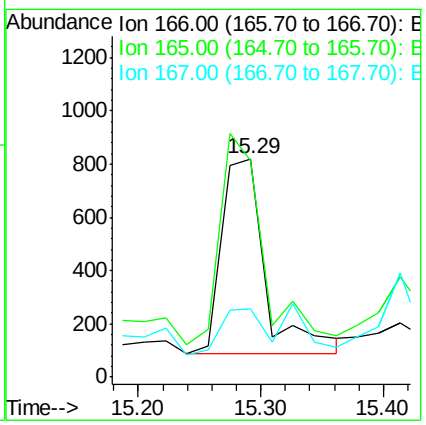
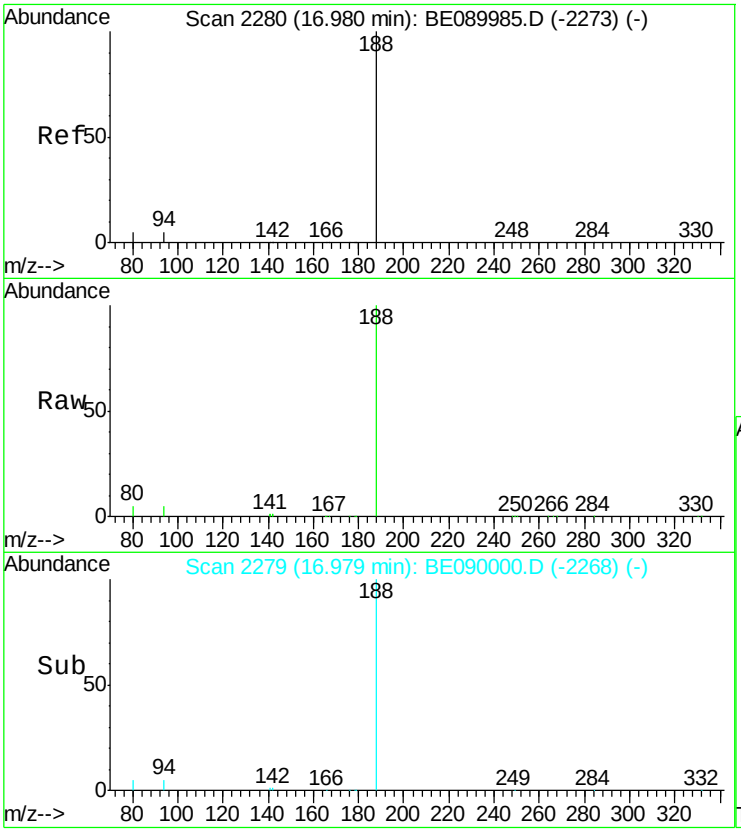


#17
Fluorene
Concen: 0.09 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:166 Resp: 1832

Ion	Ratio	Lower	Upper
166	100		
165	105.7	79.0	118.6
167	0.0	11.8	17.8#

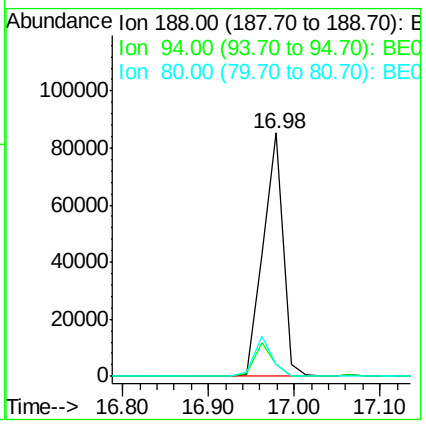




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:188 Resp: 139285

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.1	6.1
80	5.0	4.2	6.2



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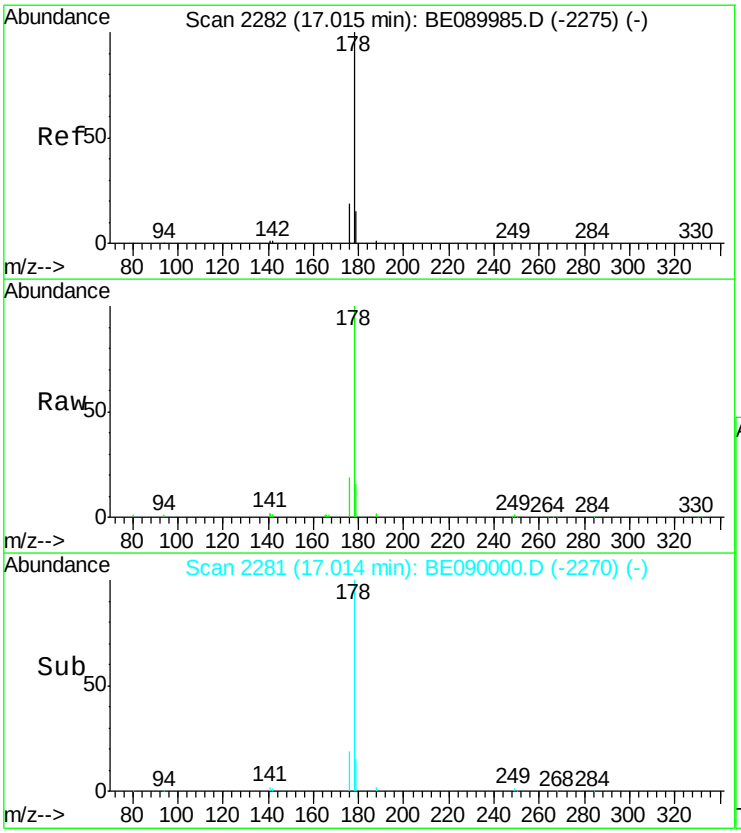
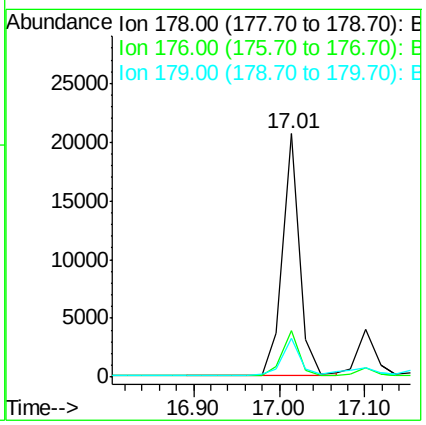
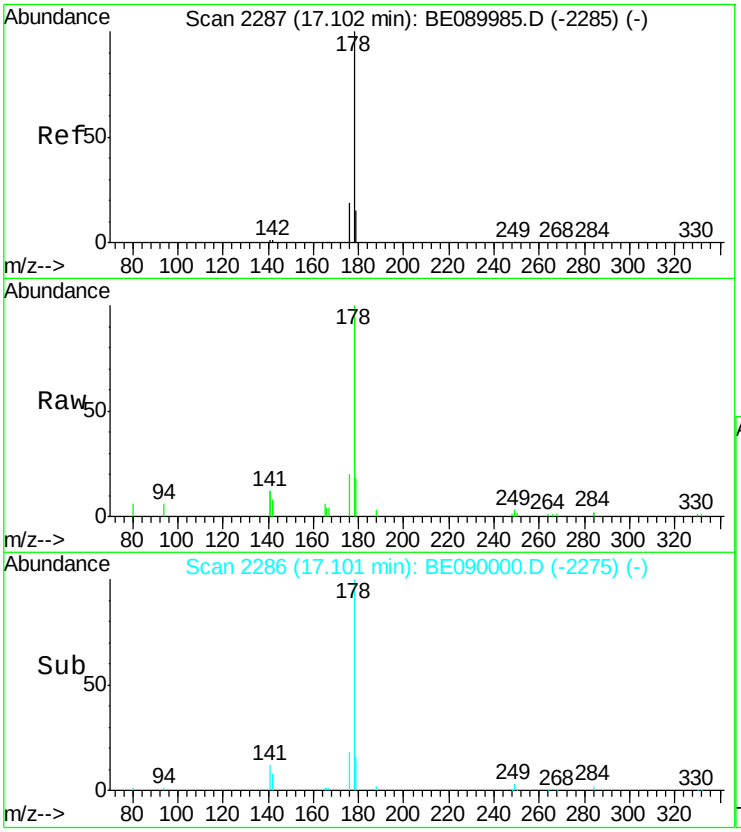


#22
Phenanthrene
Concen: 0.82 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:178 Resp: 29106

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.9	12.4	18.6





#23
Anthracene
Concen: 0.18 ng m
RT: 17.10 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:178 Resp: 5990

Ion	Ratio	Lower	Upper
178	100		
176	89.5	14.7	22.1#
179	74.6	12.1	18.1#

Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

Manual Integrations APPROVED
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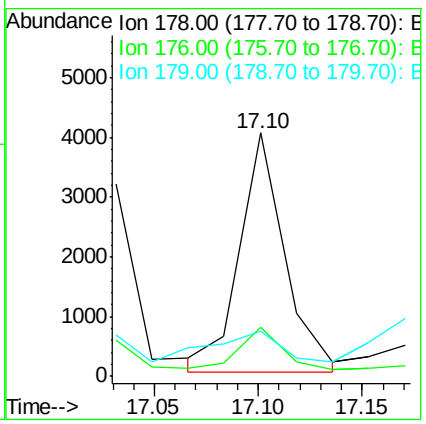
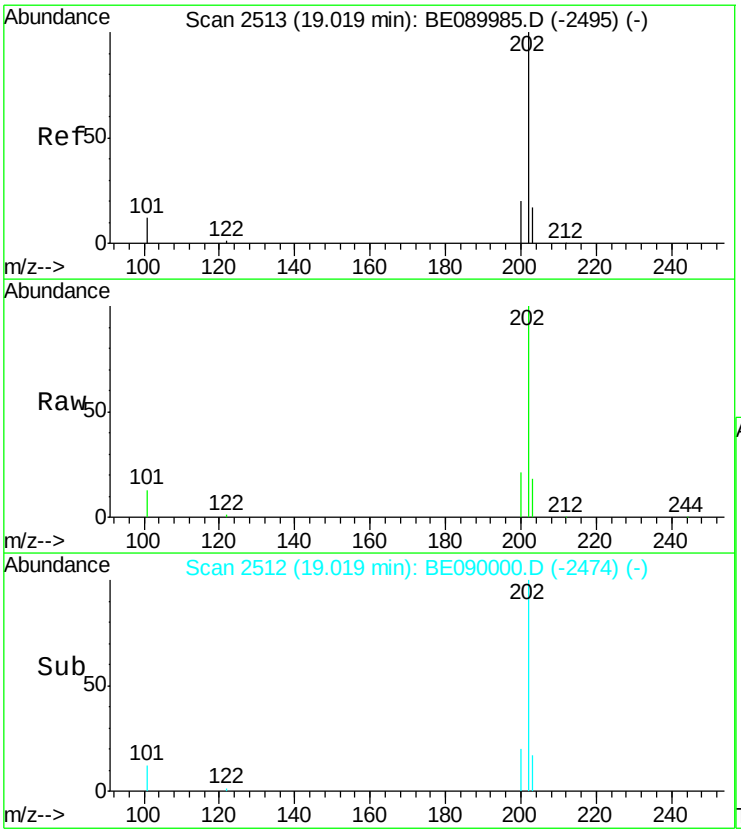
6/30/2015 4:54:53 PM

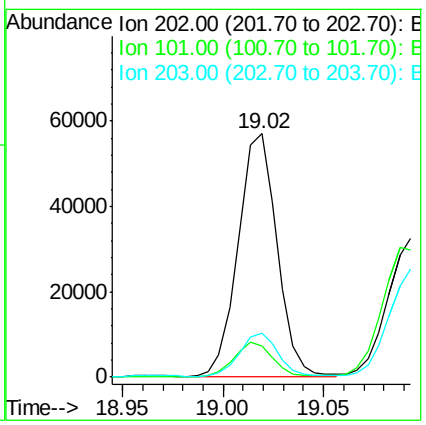


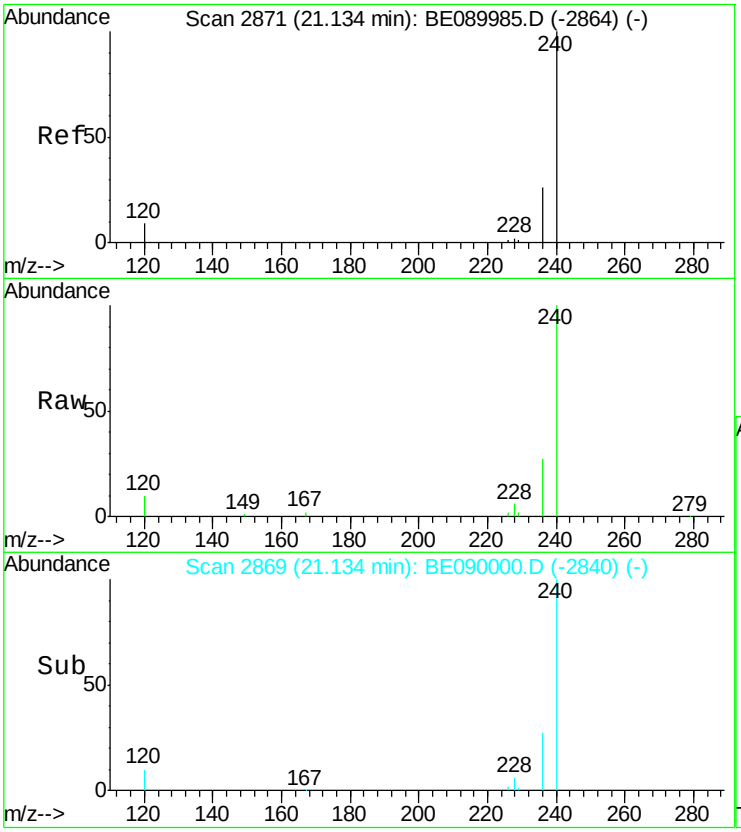


#24
Fluoranthene
Concen: 1.92 ng
RT: 19.02 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:202 Resp: 76656

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	15.8
203	17.5	13.8	20.6





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:240 Resp: 157295

Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.9	10.3#
236	26.6	20.8	31.2

Instrument :
BNA_E
ClientSampleId :
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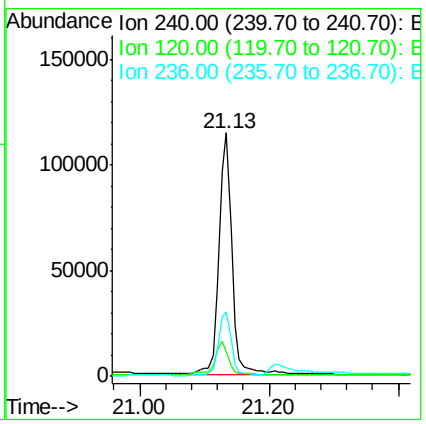
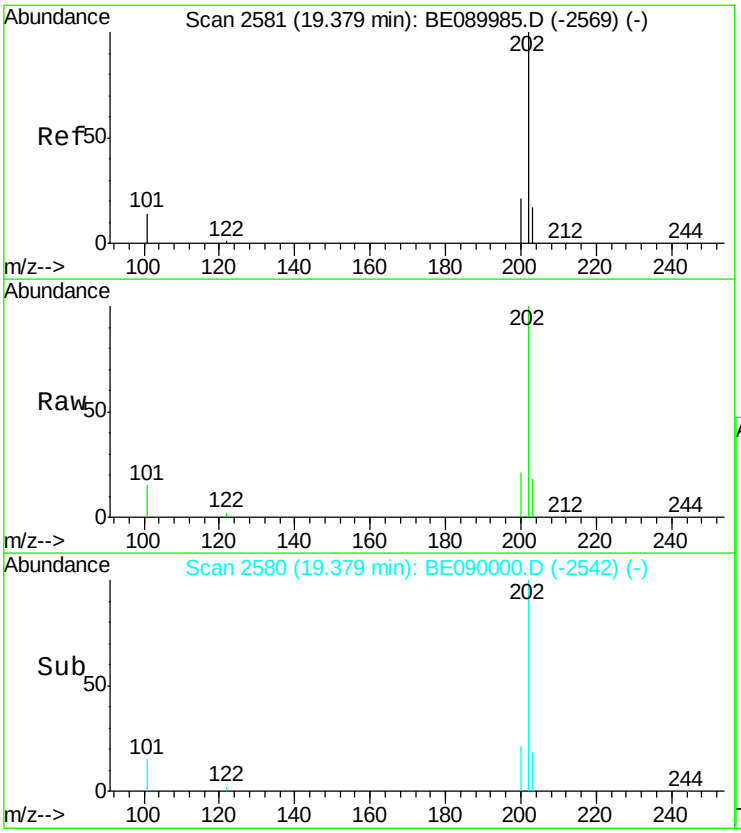
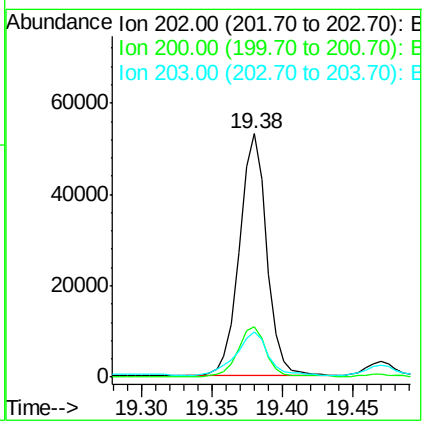


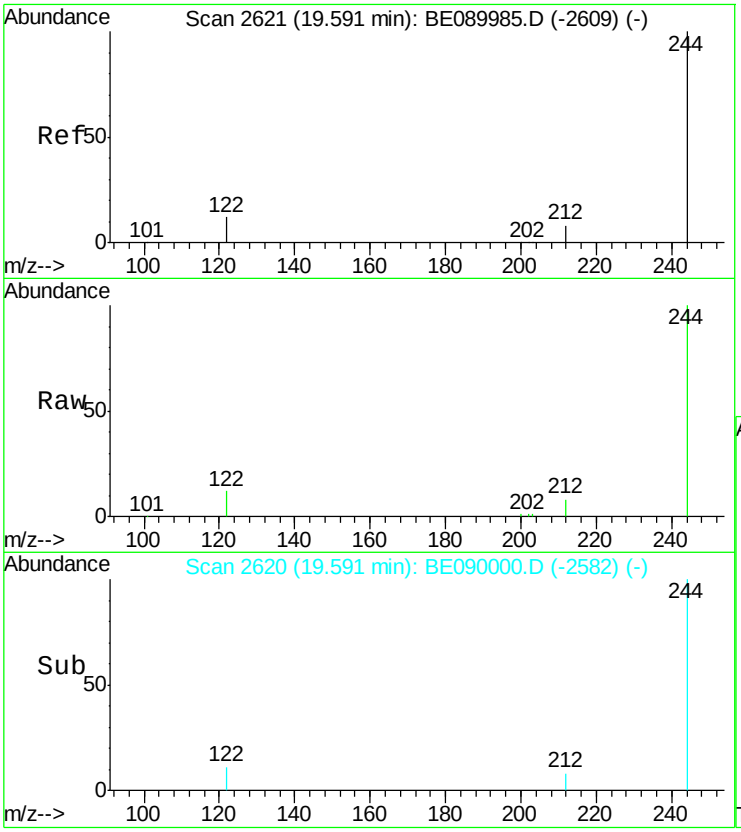


#26
Pyrene
Concen: 1.90 ng
RT: 19.38 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:202 Resp: 71313

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	21.1	13.9	20.9#

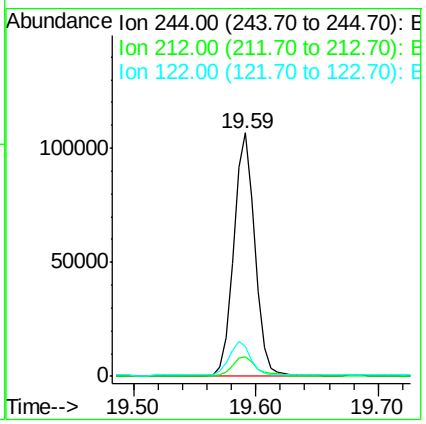




#27
Terphenyl-d14
Concen: 4.93 ng
RT: 19.59 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:244 Resp: 129299

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	12.3	9.8	14.8



Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

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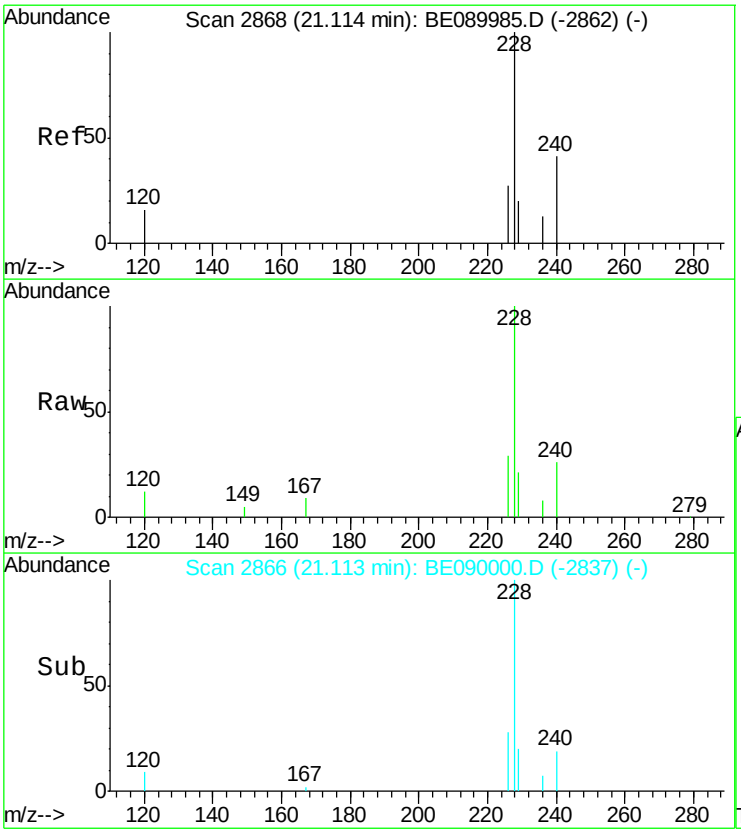
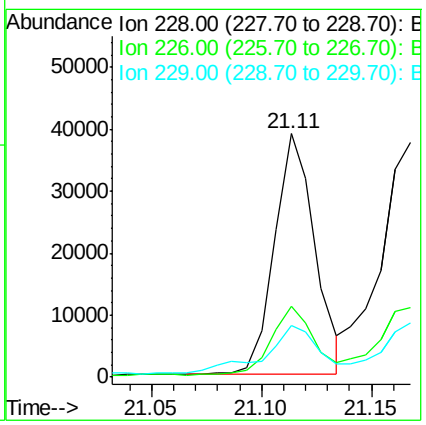
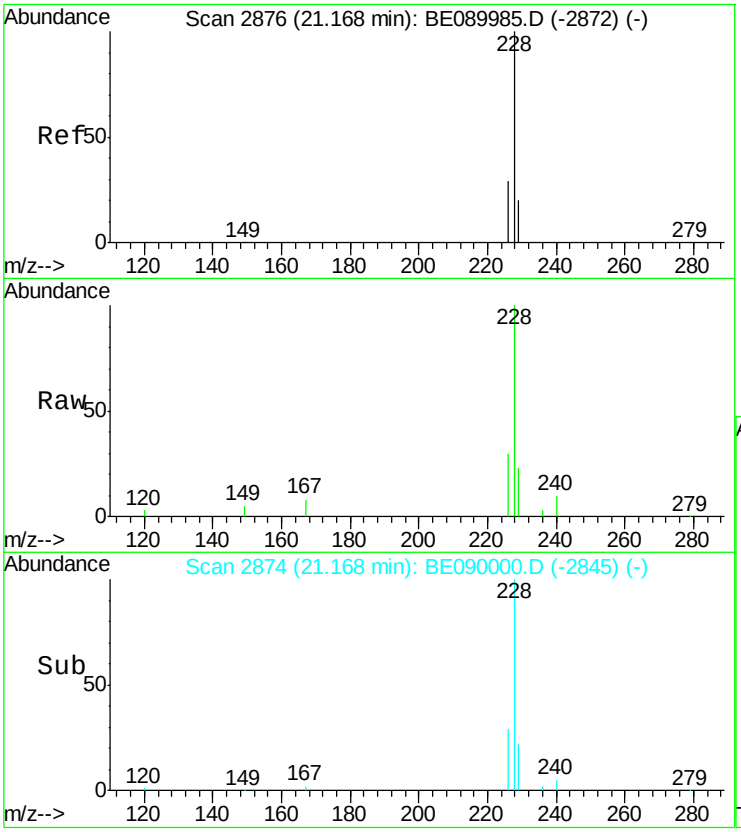


#28
Benzo(a)anthracene
Concen: 1.27 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:228 Resp: 49822

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.6
229	21.0	15.8	23.6

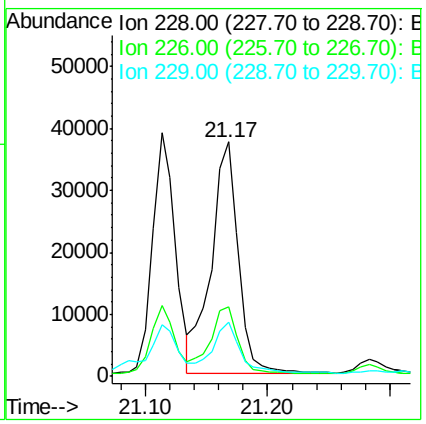




#29
Chrysene
Concen: 1.42 ng
RT: 21.17 min Scan# 2874
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:228 Resp: 57774

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	23.0	16.2	24.2



Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

Manual Integrations APPROVED
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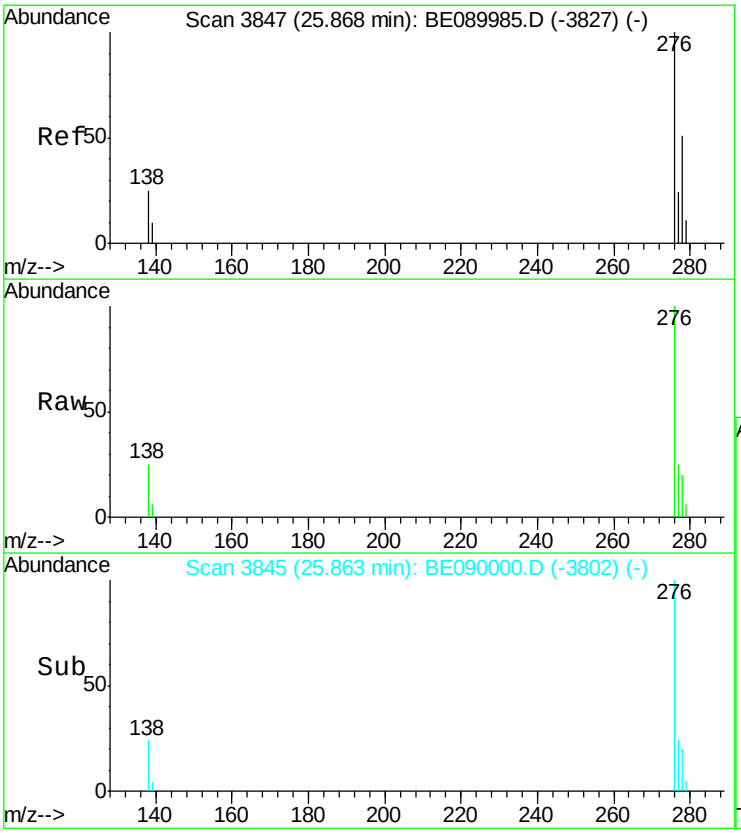
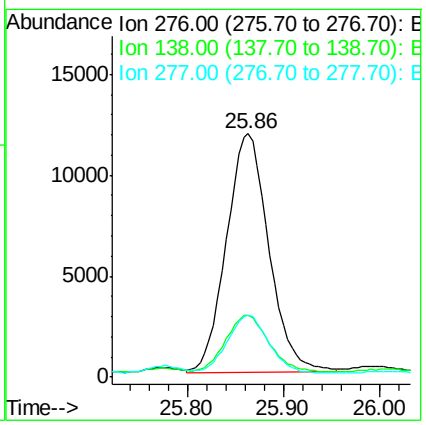
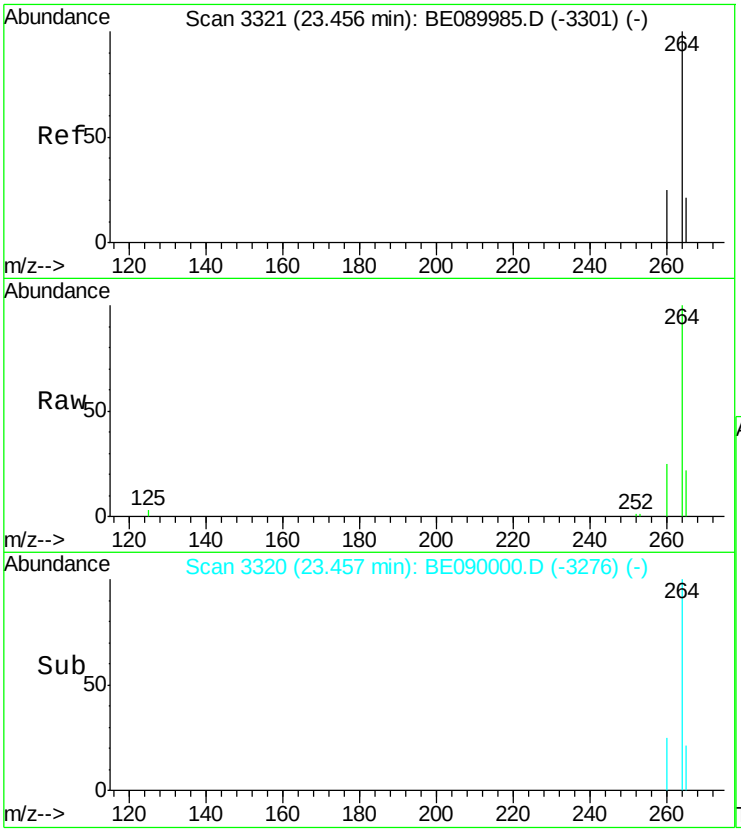


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.93 ng
RT: 25.86 min Scan# 3845
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:276 Resp: 36224

Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.3	31.9
277	23.7	19.7	29.5





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3320
Delta R.T. 0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:264 Resp: 149447

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	22.0	17.1	25.7

Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

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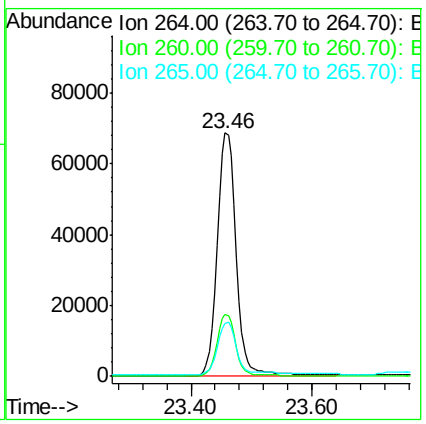
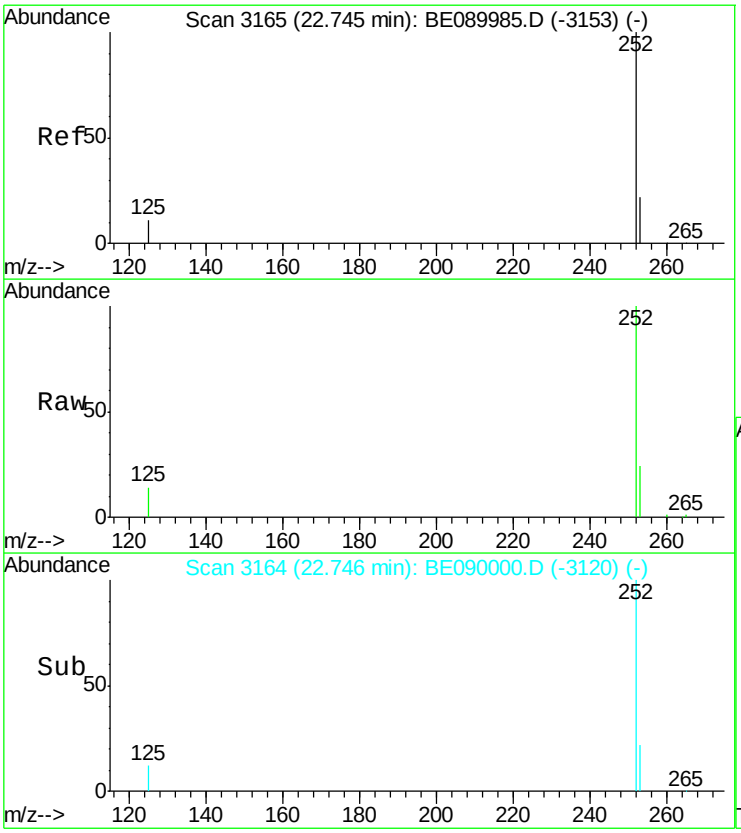
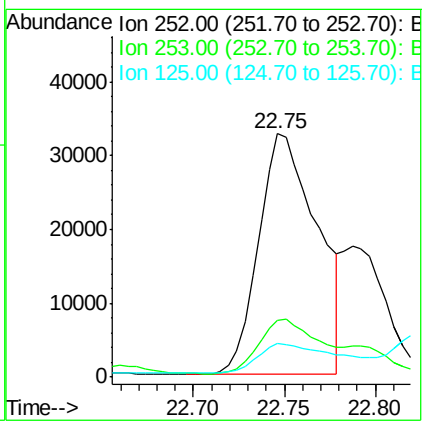


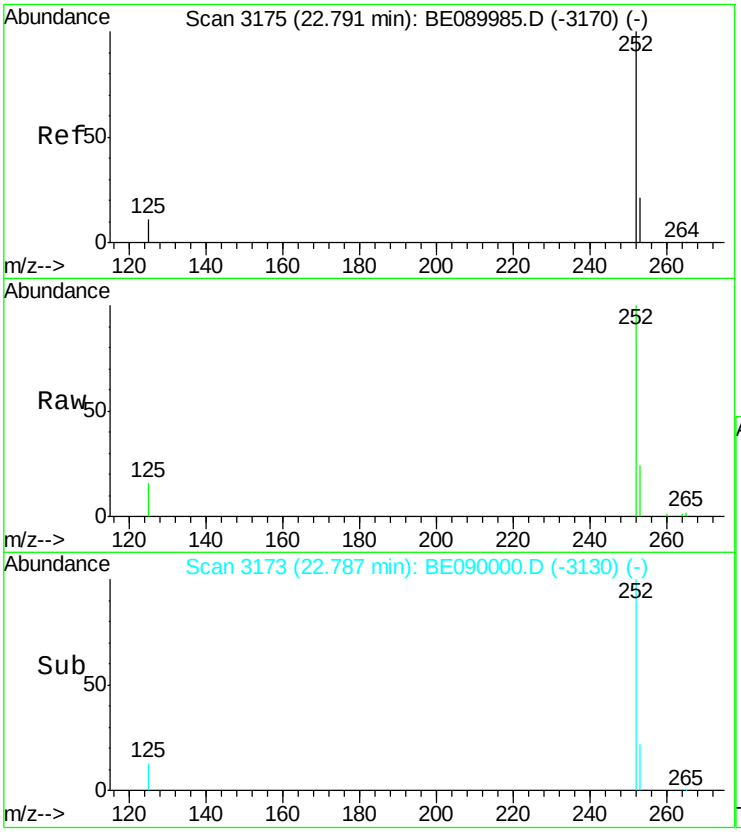


#33
Benzo(b)fluoranthene
Concen: 2.22 ng
RT: 22.75 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:252 Resp: 73165

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	13.8	9.0	13.4#





#34
Benzo(k)fluoranthene
Concen: 0.81 ng m
RT: 22.79 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:252 Resp: 29665

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	16.1	9.5	14.3#

Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

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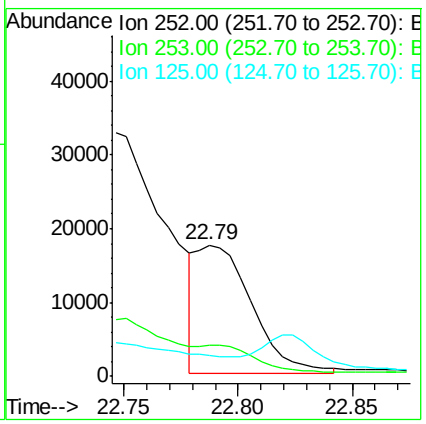
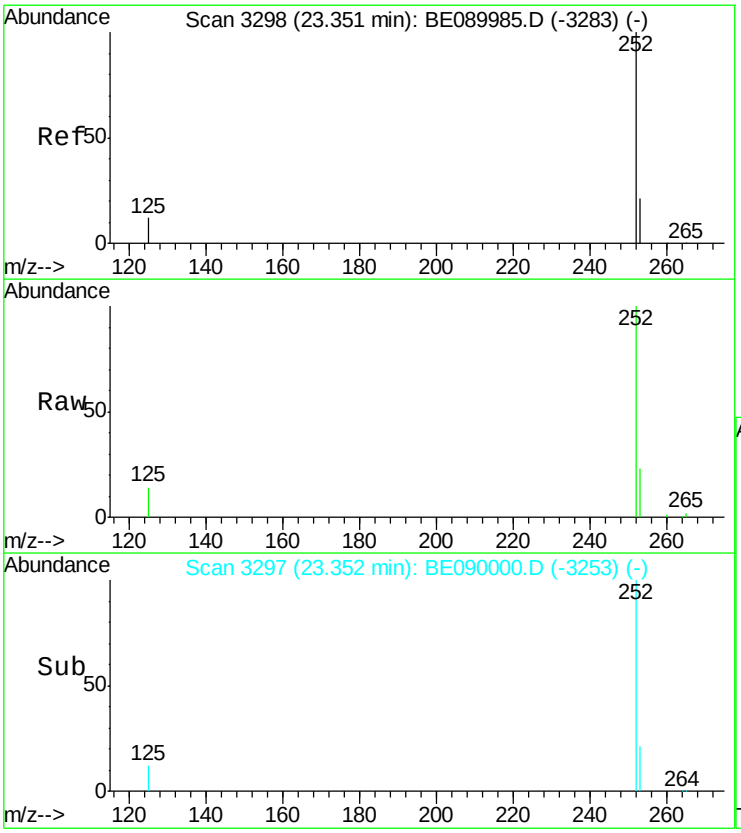
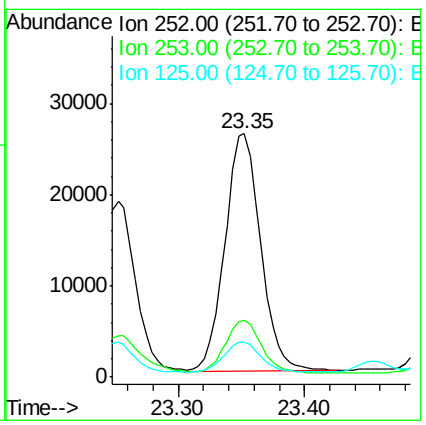


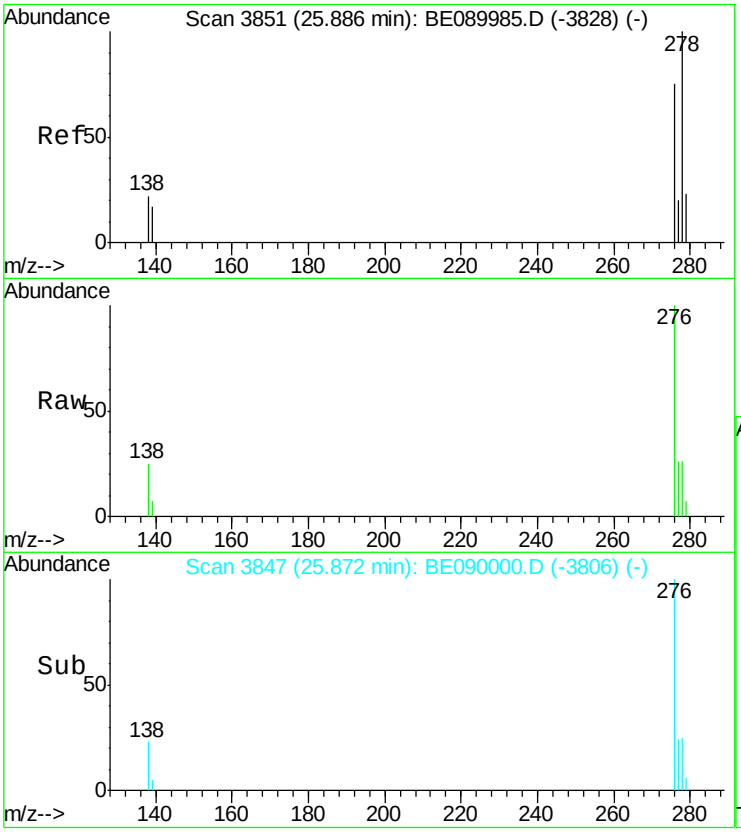


#35
Benzo(a)pyrene
Concen: 1.68 ng
RT: 23.35 min Scan# 3297
Delta R.T. 0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:252 Resp: 51166

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	14.3	10.5	15.7





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.87 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Instrument :
BNA_E
ClientSampleId :
X1SS0680624-150625

Manual Integrations APPROVED
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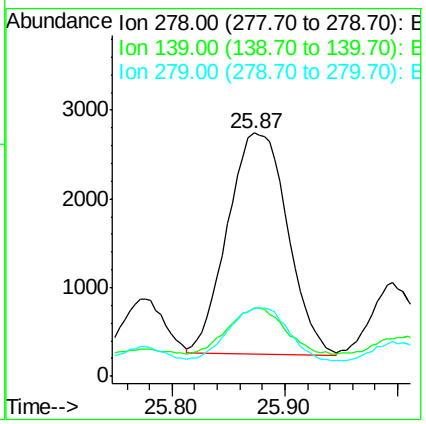
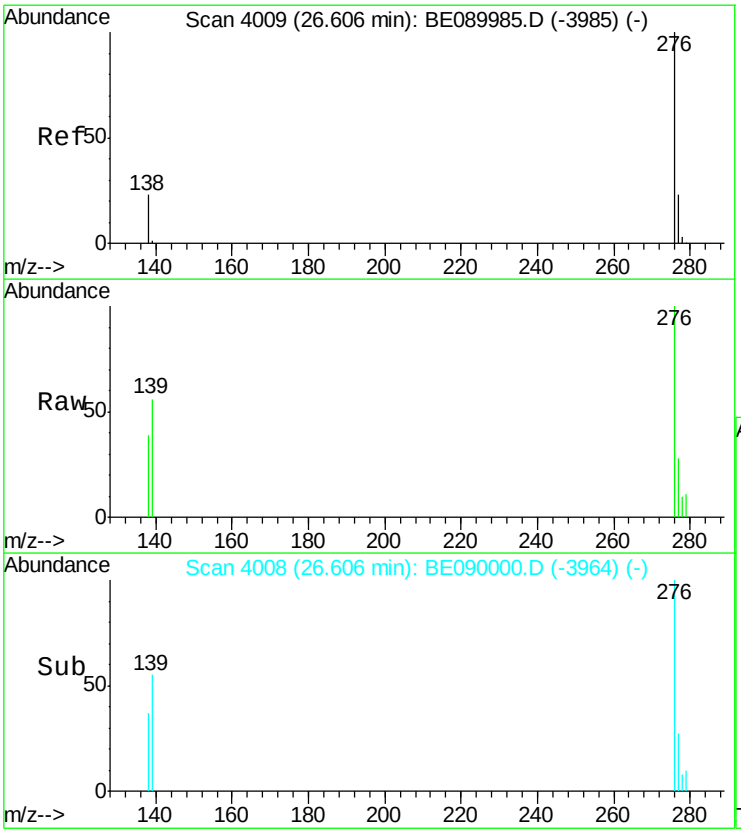
6/30/2015 4:54:53 PM

Tgt Ion:278 Resp: 9042

Ion	Ratio	Lower	Upper
278	100		
139	28.1	14.4	21.6#
279	28.1	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 1.29 ng
RT: 26.61 min Scan# 4008
Delta R.T. -0.00 min
Lab File: BE090000.D
Acq: 30 Jun 2015 3:32

Tgt Ion:276 Resp: 40797

Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.8	28.2#
138	38.6	18.6	27.8#