Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089965.D
Acq On : 27 Jun 2015 8:09
Operator : TP/IZ
Sample : G2782-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X3SS0230006-150624

Manual Integrations APPROVED
apatel
6/29/2015 5:03:24 PM

Quant Time: Jun 29 01:15:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23042	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	109262	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	66743	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	156017	5.00	ng		0.00
25) Chrysene-d12	21.13	240	193109	5.00	ng		0.00
32) Perylene-d12	23.47	264	176833	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	45564	10.95	ng		0.00
5) Phenol-d6	6.81	99	74832	11.74	ng		0.00
7) Nitrobenzene-d5	8.77	82	55126	6.78	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	10860	9.18	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	126855	6.52	ng		0.00
27) Terphenyl-d14	19.60	244	202243	6.07	ng		0.00
Target Compounds							Qvalue
8) Nitrobenzene	8.81	77	868	0.10	ng	#	97
9) Naphthalene	10.44	128	2850	0.12	ng	#	92
10) Hexachlorobutadiene	10.74	225	258	0.07	ng		97
11) 2-Methylnaphthalene	12.05	142	2196	0.13	ng		96
15) Acenaphthylene	13.95	152	17364	0.15	ng		99
16) Acenaphthene	14.30	154	2986	0.17	ng		91
17) Fluorene	15.29	166	3817	0.17	ng	#	95
19) 4-Bromophenyl-phenylether	16.18	248	933	0.15	ng		94
20) Hexachlorobenzene	16.30	284	4210	0.15	ng		93
21) Pentachlorophenol	16.63	266	1819	1.56	ng		90
22) Phenanthrene	17.01	178	16672	0.43	ng		99
23) Anthracene	17.12	178	7872	0.22	ng		98
24) Fluoranthene	19.02	202	37963	0.89	ng		100
26) Pyrene	19.38	202	37493	0.77	ng		97
28) Benzo(a)anthracene	21.12	228	31328	0.68	ng		98
29) Chrysene	21.17	228	34003	0.67	ng		96
30) Bis(2-ethylhexyl)phthalate	21.07	149	5542	1.41	ng	#	85
31) Indeno(1,2,3-cd)pyrene	25.88	276	20393	0.55	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	37136	0.99	ng		96
34) Benzo(k)fluoranthene	22.80	252	21520m	0.51	ng		
35) Benzo(a)pyrene	23.36	252	26176	0.79	ng		98
36) Dibenzo(a,h)anthracene	25.90	278	9058	0.29	ng	#	91
37) Benzo(g,h,i)perylene	26.62	276	19682	0.59	ng		99

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

Manual Integrations APPROVED
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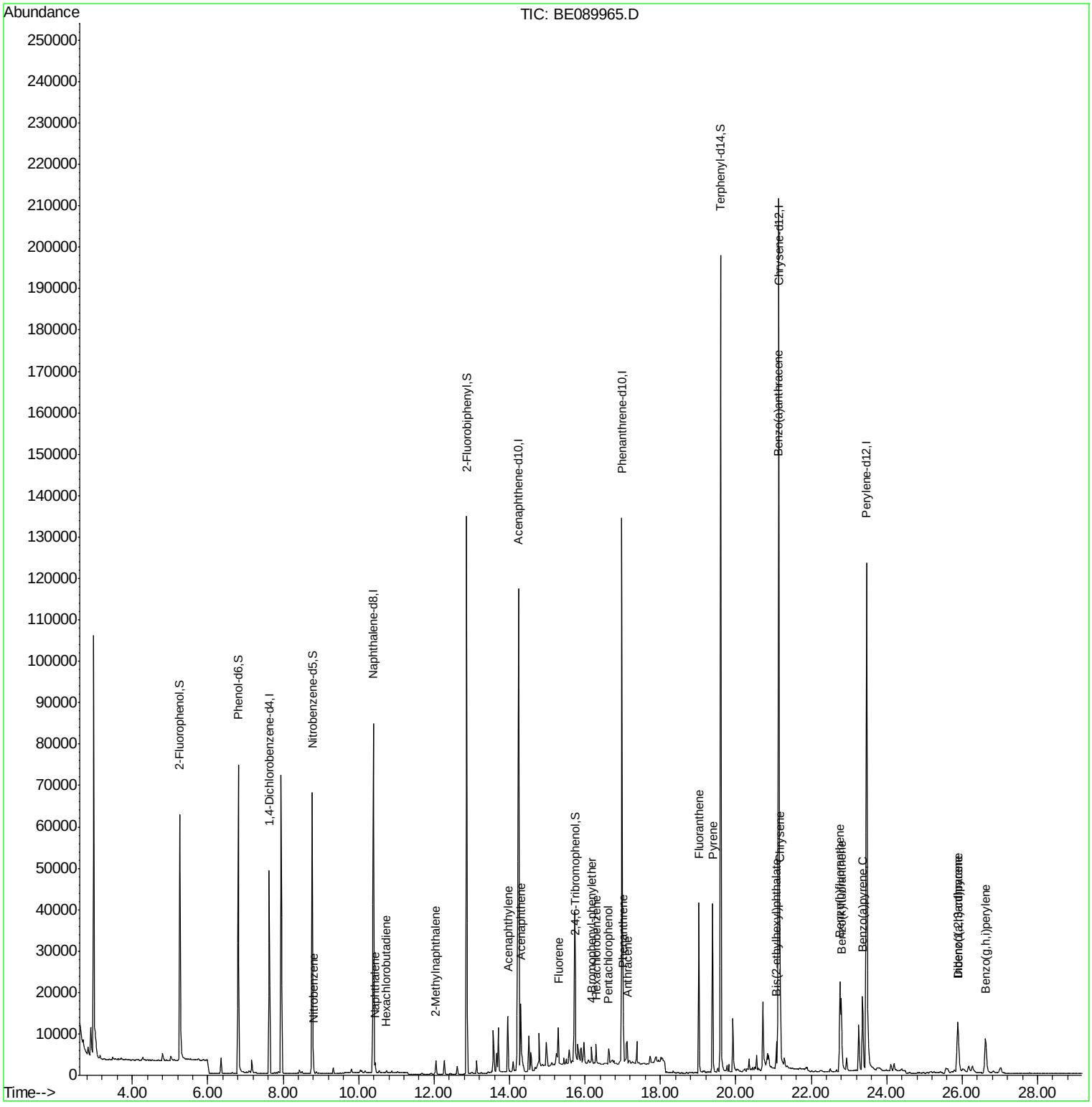
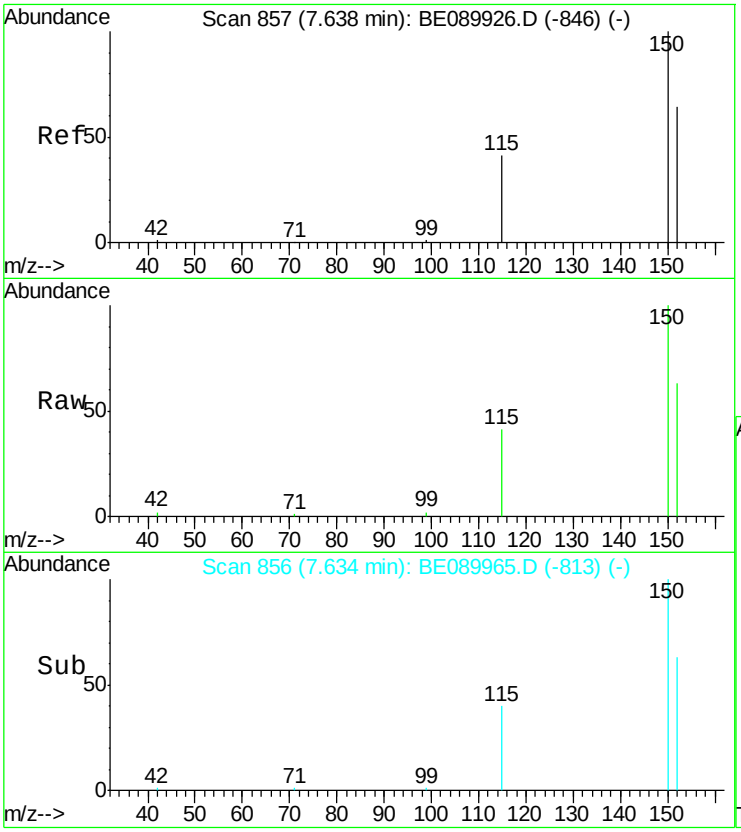
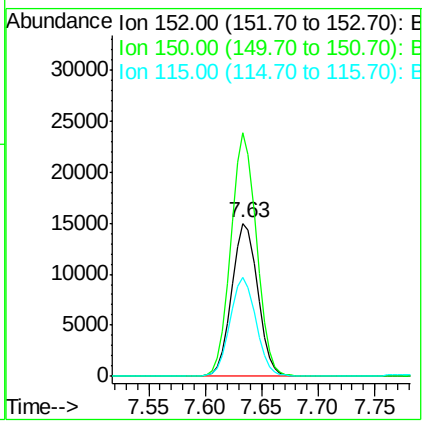




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:152 Resp: 23042

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	64.5	51.6	77.4



Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

Manual Integrations APPROVED
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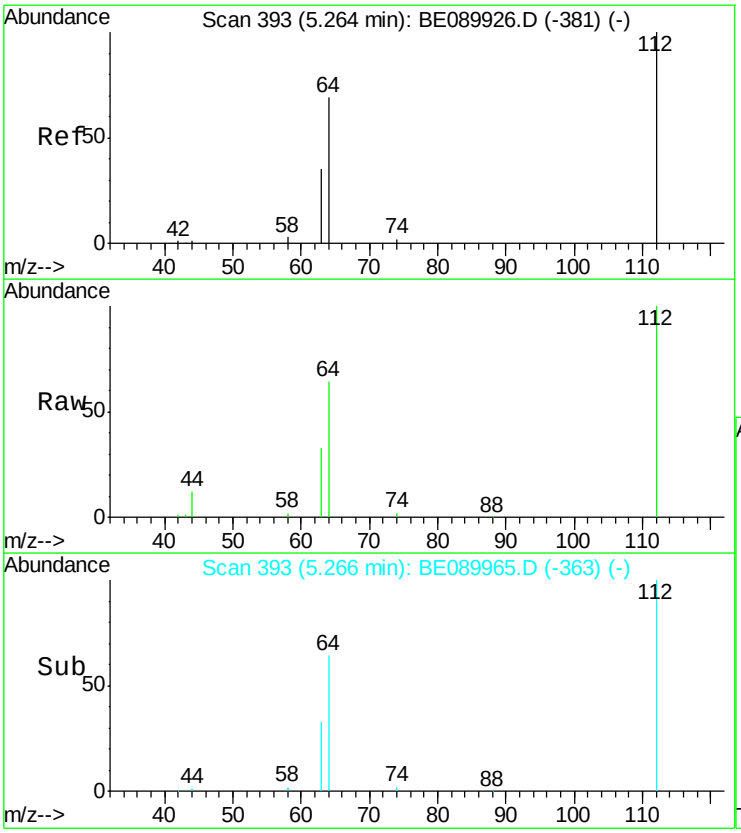
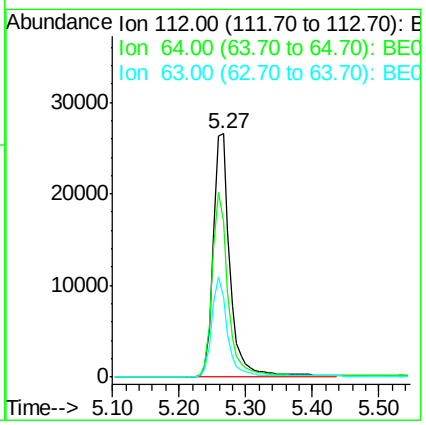
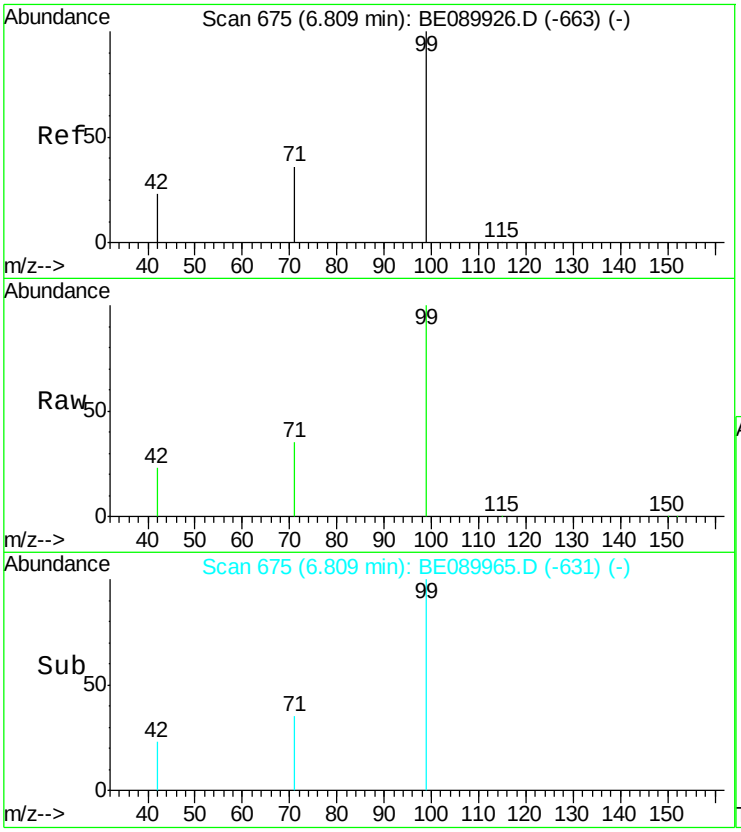


#4
2-Fluorophenol
Concen: 10.95 ng
RT: 5.27 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:112 Resp: 45564

Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.4	86.2
63	38.8	31.2	46.8

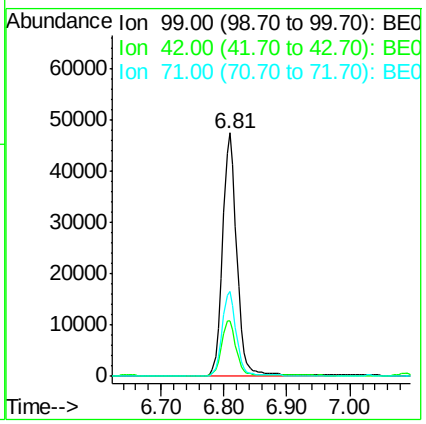




#5
Phenol-d6
Concen: 11.74 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion: 99 Resp: 74832

Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.5	29.3
71	34.6	27.8	41.6



Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

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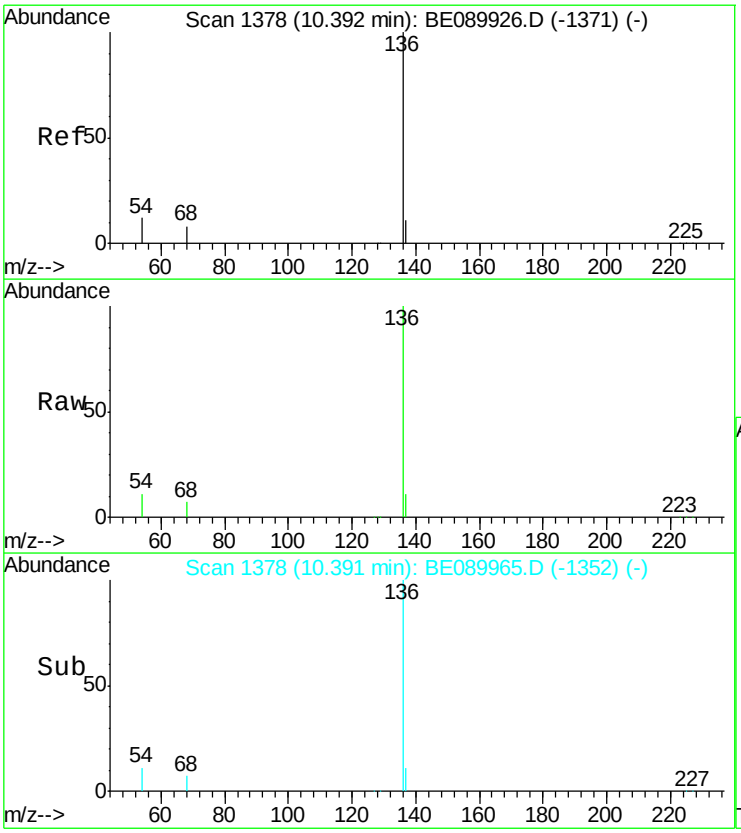
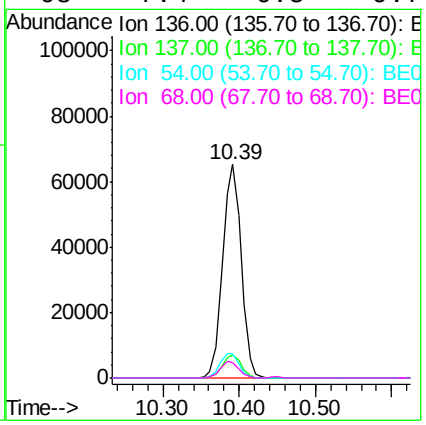
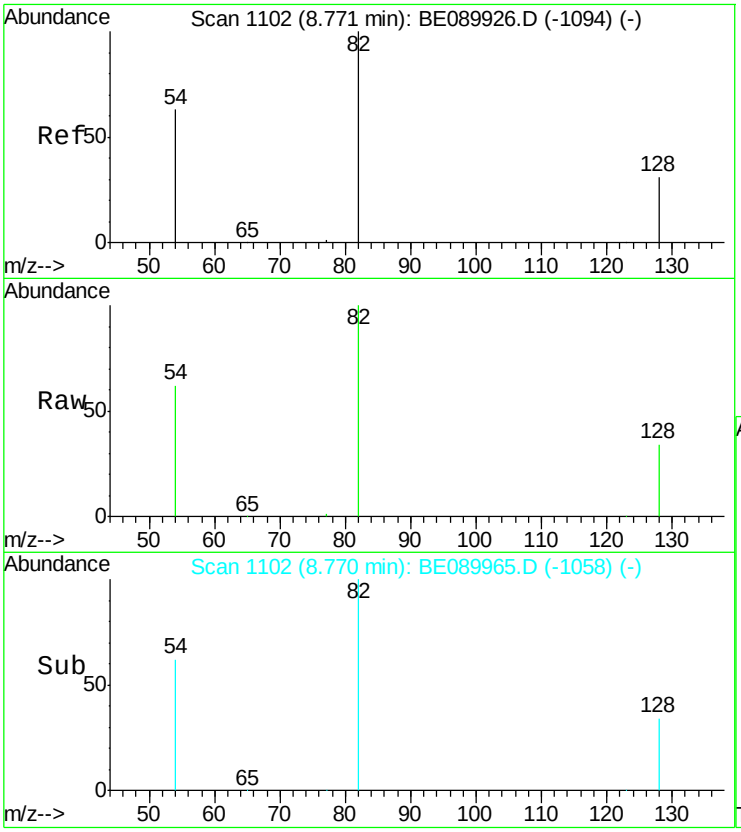


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:136 Resp: 109262

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.3	9.7	14.5
68	7.4	6.5	9.7

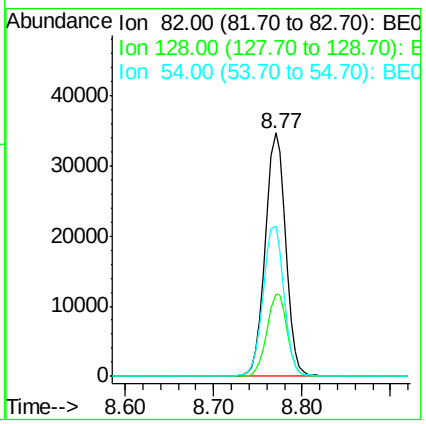




#7
Nitrobenzene-d5
Concen: 6.78 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion: 82 Resp: 55126

Ion	Ratio	Lower	Upper
82	100		
128	33.7	25.6	38.4
54	61.9	51.2	76.8



Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

Manual Integrations APPROVED
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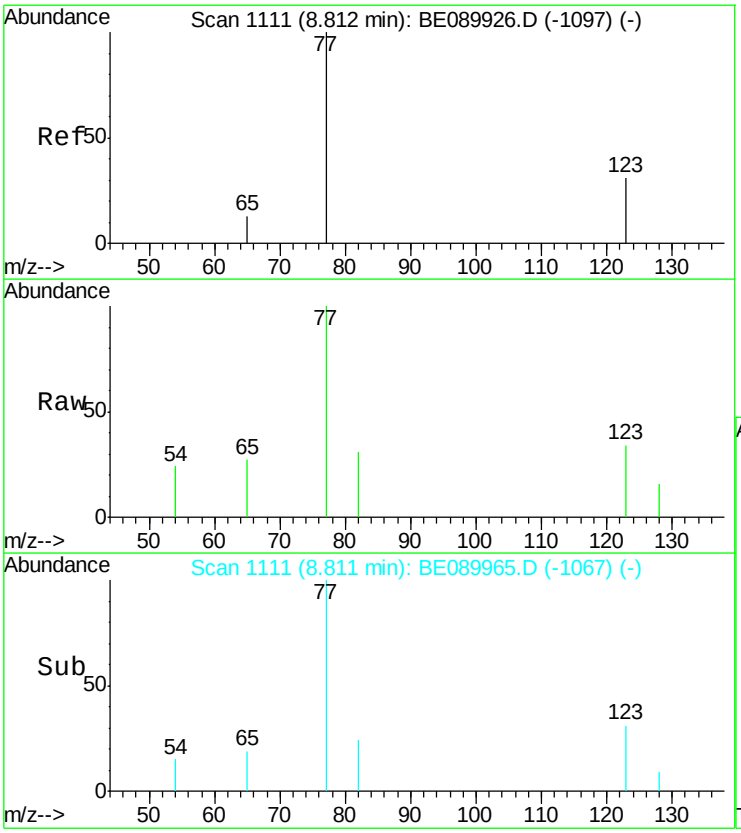
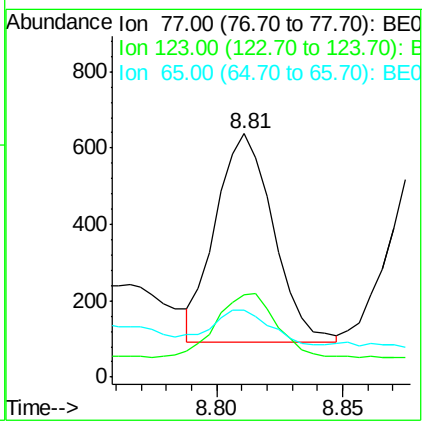
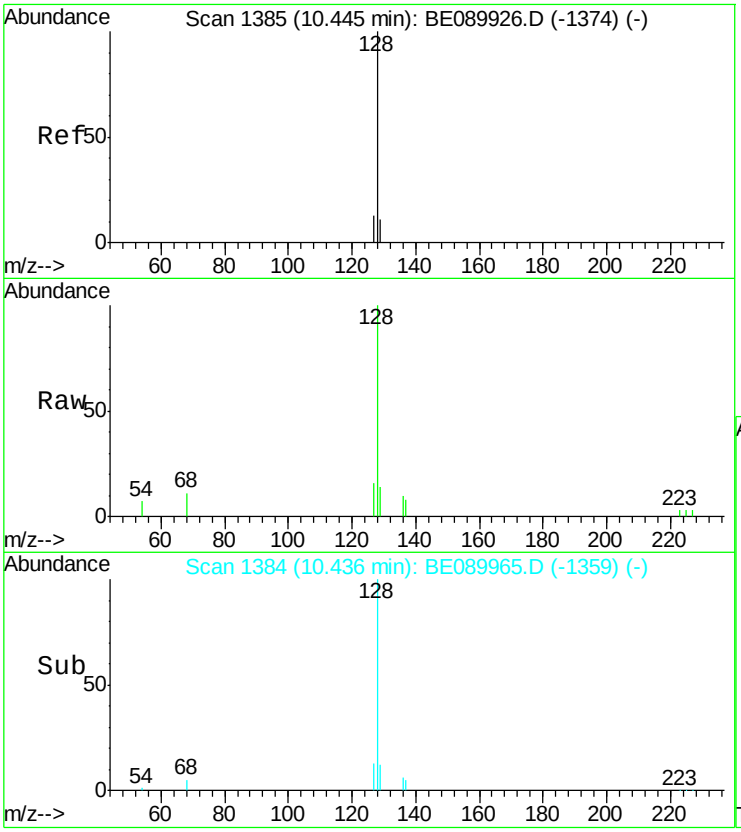


#8
Nitrobenzene
Concen: 0.10 ng
RT: 8.81 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion: 77 Resp: 868

Ion	Ratio	Lower	Upper
77	100		
123	34.0	26.6	39.8
65	15.4	10.2	15.4#





#9
Naphthalene
Concen: 0.12 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:128 Resp: 2850

Ion	Ratio	Lower	Upper
128	100		
129	14.3	8.9	13.3#
127	15.8	10.2	15.4#

Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

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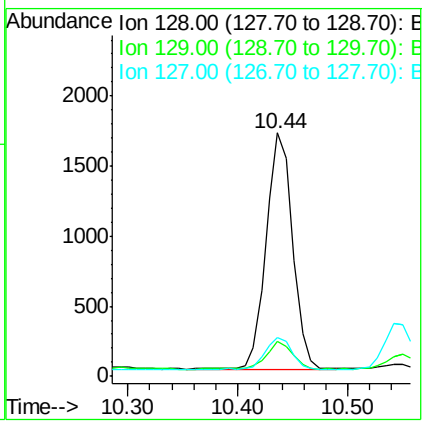
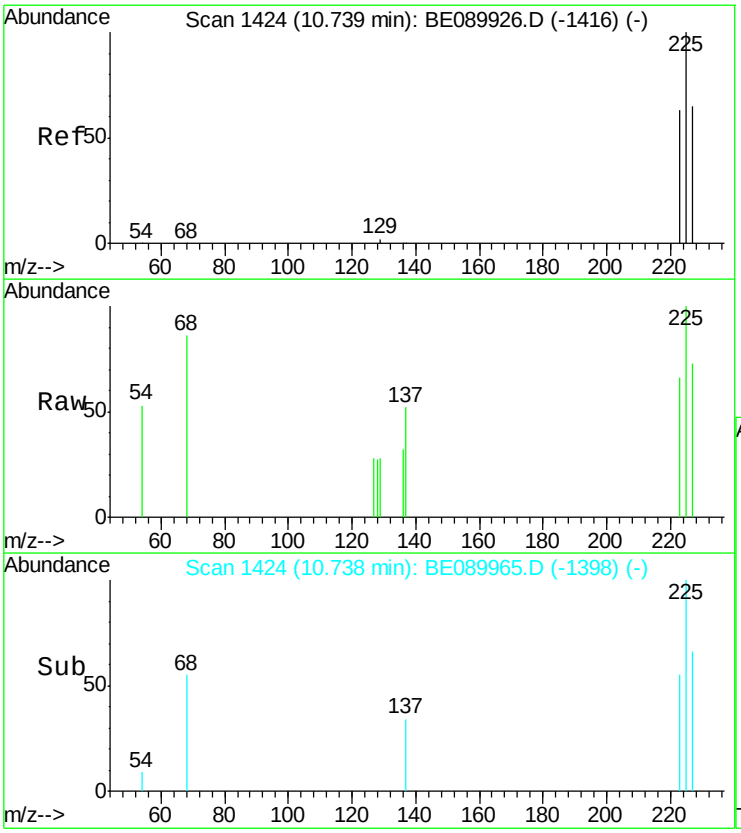
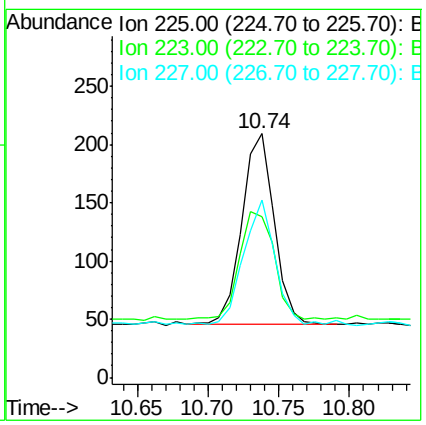


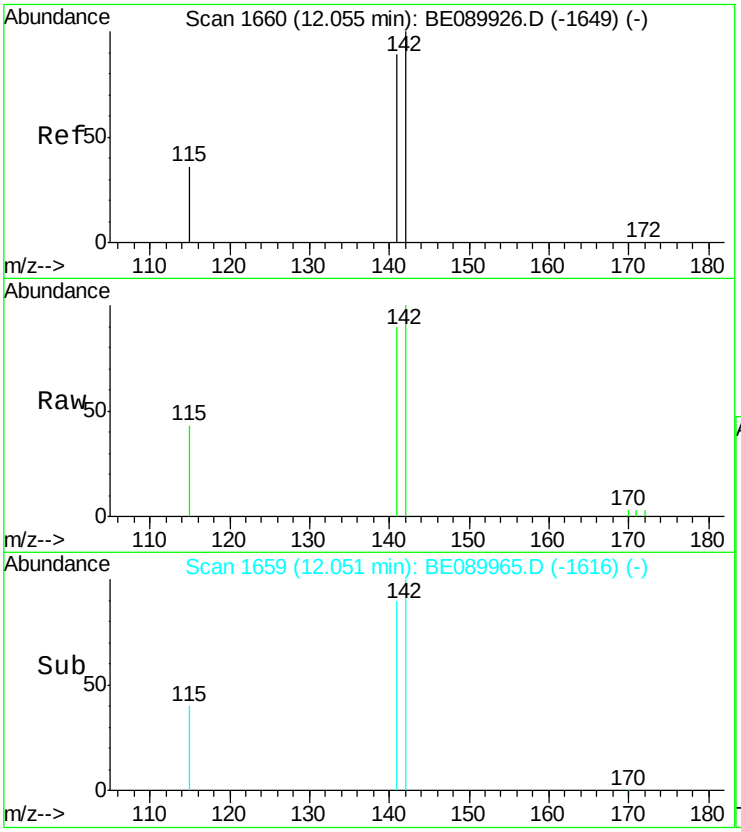


#10
Hexachlorobutadiene
Concen: 0.07 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:225 Resp: 258

Ion	Ratio	Lower	Upper
225	100		
223	66.3	50.0	75.0
227	62.4	50.7	76.1





#11
2-Methylnaphthalene
Concen: 0.13 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

Manual Integrations APPROVED
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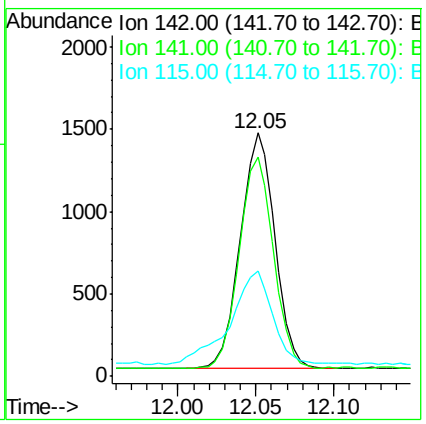
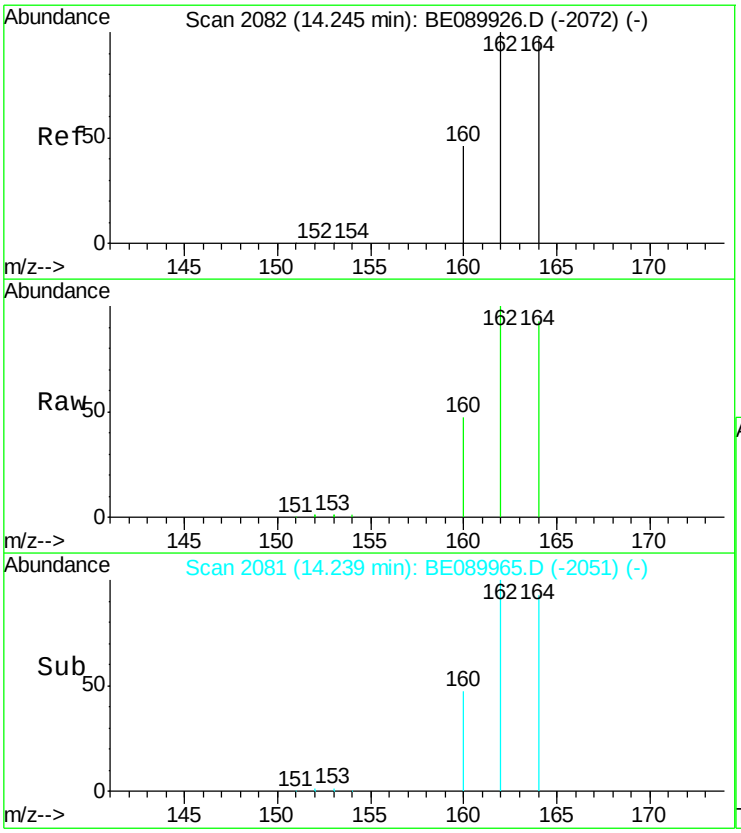
6/29/2015 5:03:24 PM

Tgt Ion:142 Resp: 2196

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.1	106.7
115	43.4	29.1	43.7

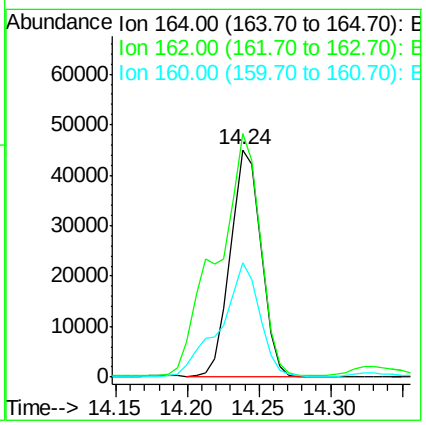


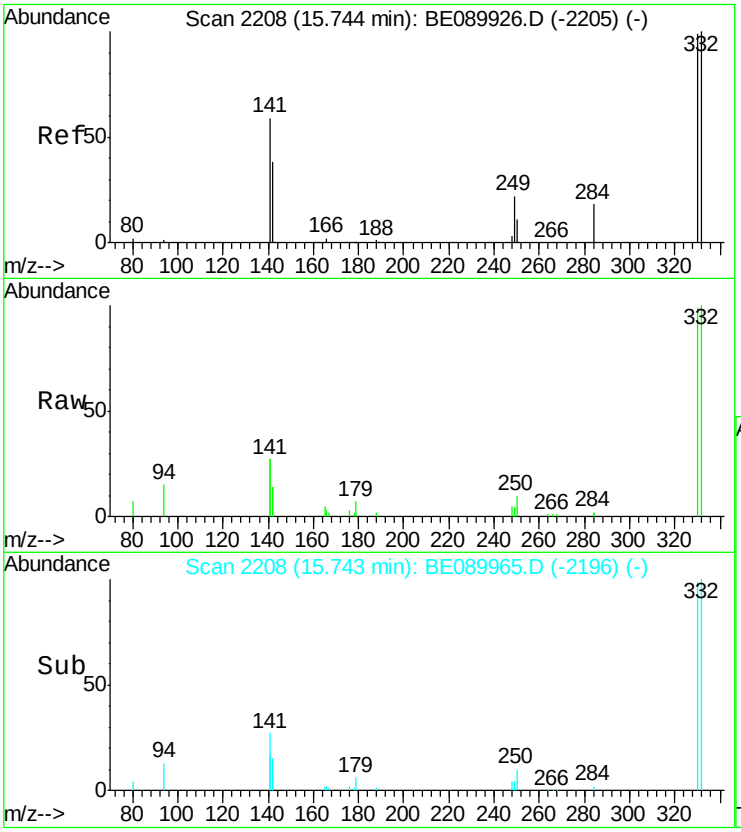


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:164 Resp: 66743

Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.7	124.1
160	50.1	38.3	57.5





#13
2,4,6-Tribromophenol
Concen: 9.18 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:330 Resp: 10860

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.9	116.9
141	221.9	142.8	214.2#

Instrument :
BNA_E
ClientSampleId :
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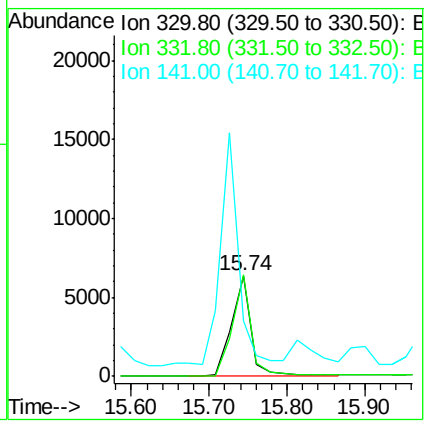
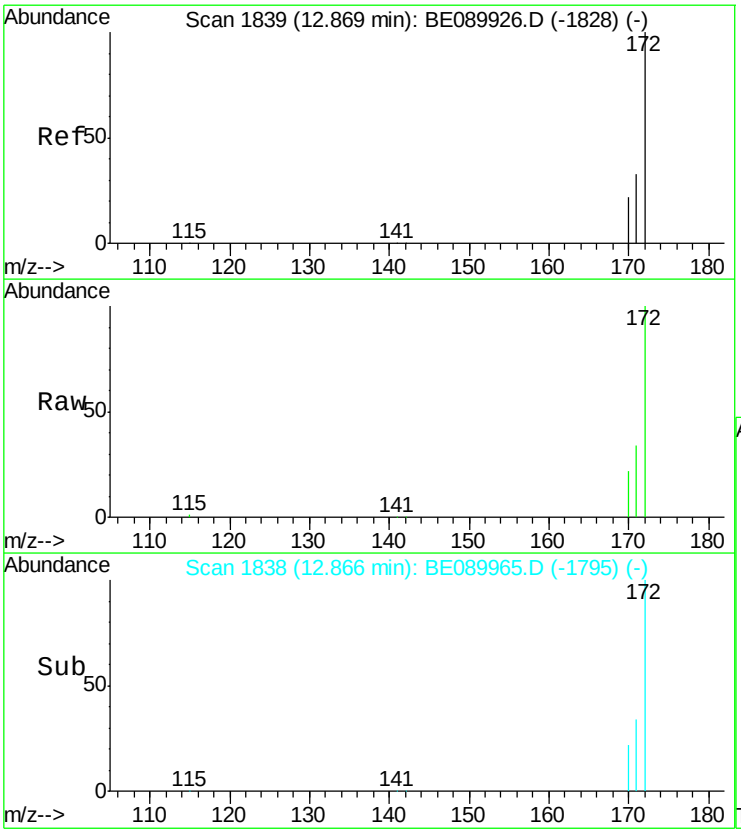
6/29/2015 5:03:24 PM

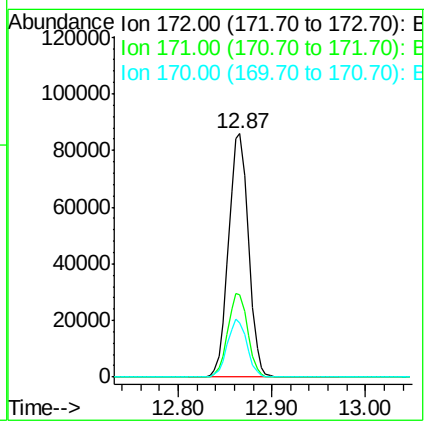


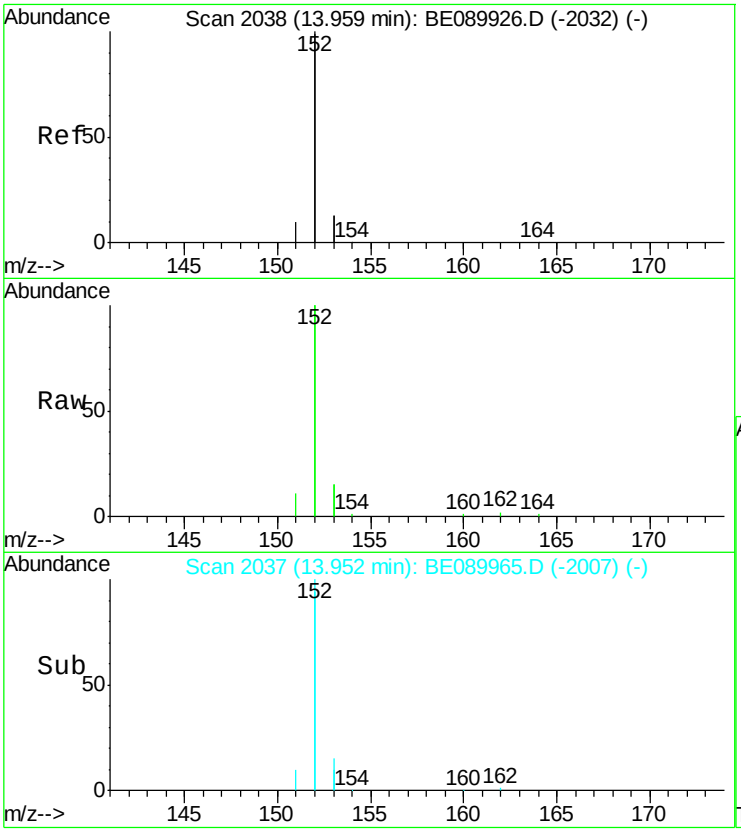


#14
2-Fluorobiphenyl
Concen: 6.52 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:172 Resp: 126855

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.7	40.1
170	22.4	17.5	26.3

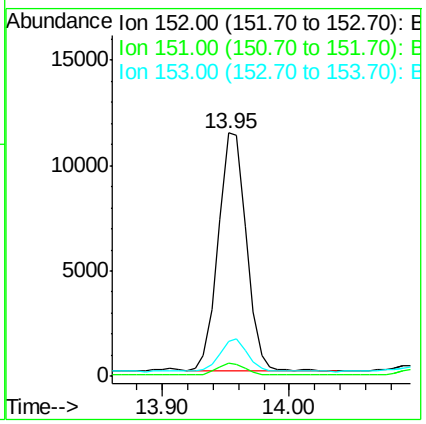




#15
Acenaphthylene
Concen: 0.15 ng
RT: 13.95 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:152 Resp: 17364

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.3	10.4	15.6



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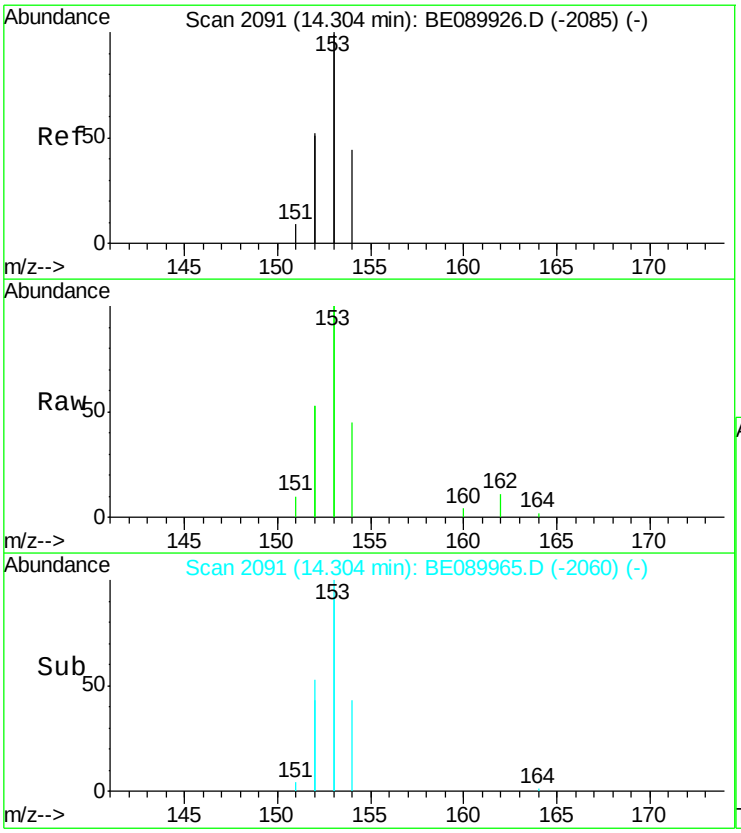
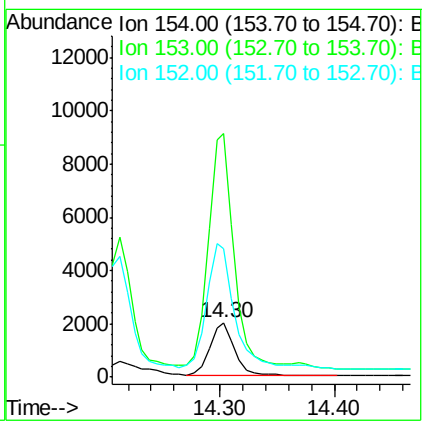
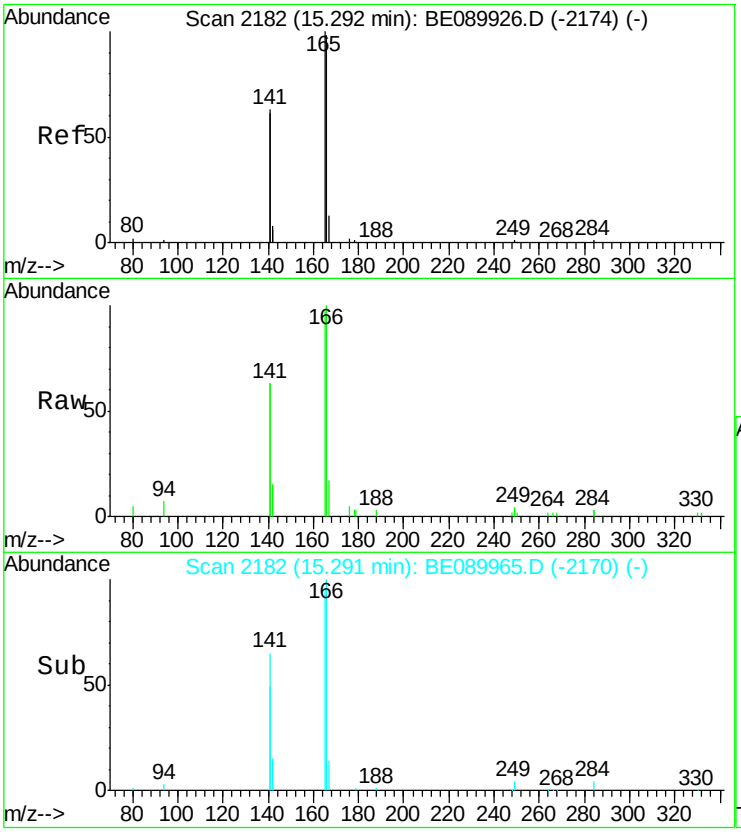


#16
Acenaphthene
Concen: 0.17 ng
RT: 14.30 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:154 Resp: 2986

Ion	Ratio	Lower	Upper
154	100		
153	447.5	362.8	544.2
152	281.2	194.6	291.8





#17
Fluorene
Concen: 0.17 ng
RT: 15.29 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:166 Resp: 3817

Ion	Ratio	Lower	Upper
166	100		
165	105.3	81.1	121.7
167	21.2	11.8	17.8#

Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

Manual Integrations APPROVED
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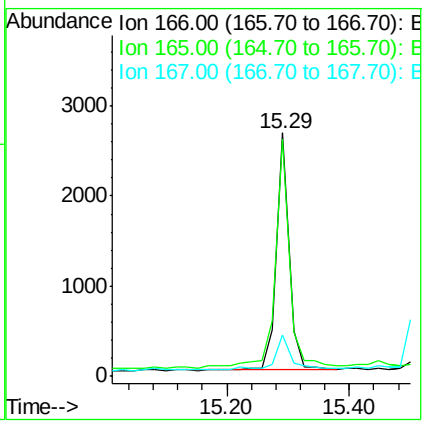
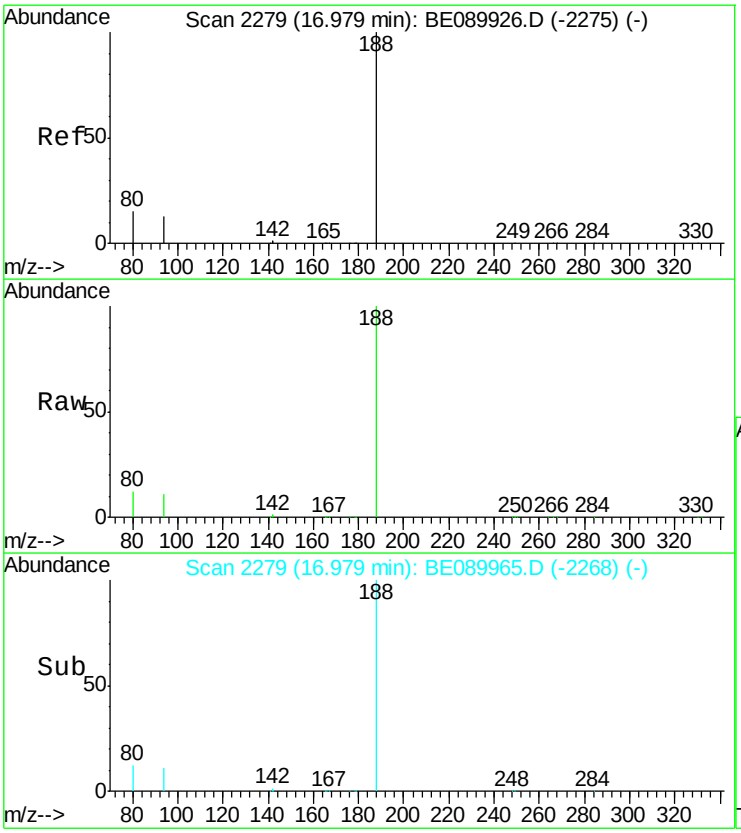
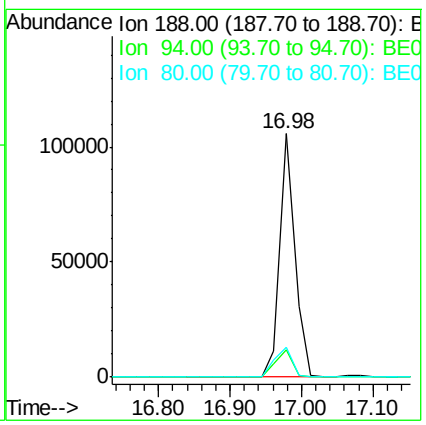


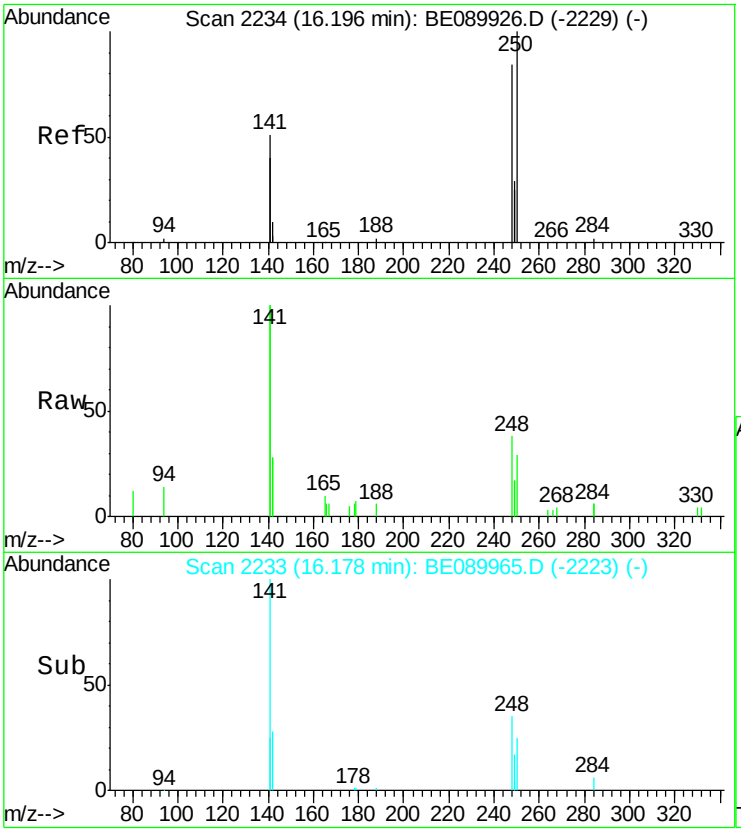


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:188 Resp: 156017

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.6	16.0
80	12.2	11.8	17.6

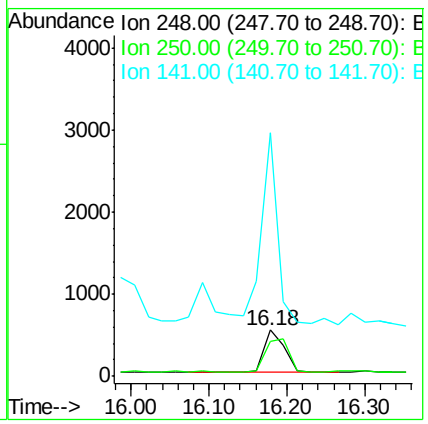




#19
4-Bromophenyl-phenylether
Concen: 0.15 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:248 Resp: 933

Ion	Ratio	Lower	Upper
248	100		
250	89.2	79.3	118.9
141	352.0	274.1	411.1



Instrument :
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ClientSampleId :
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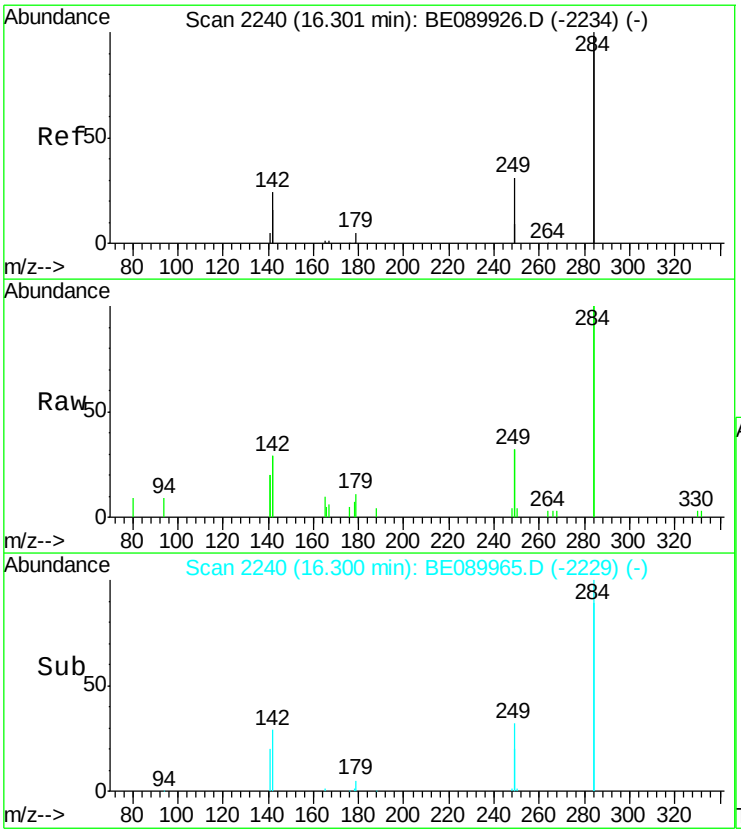
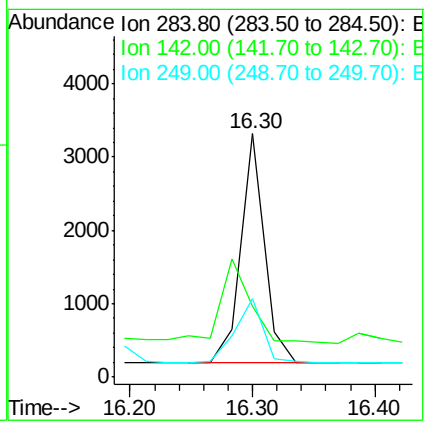
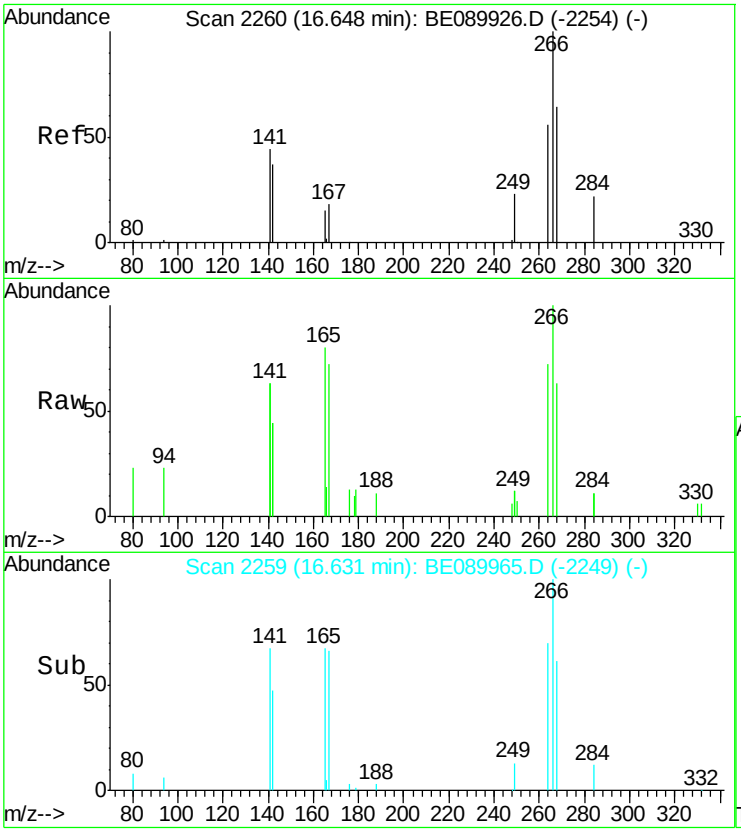


#20
Hexachlorobenzene
Concen: 0.15 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:284 Resp: 4210

Ion	Ratio	Lower	Upper
284	100		
142	45.5	32.0	48.0
249	33.4	25.0	37.6

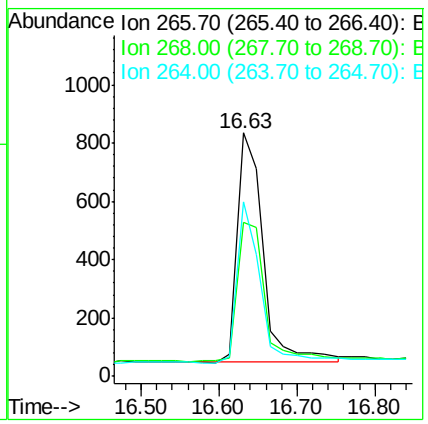




#21
Pentachlorophenol
Concen: 1.56 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:266 Resp: 1819

Ion	Ratio	Lower	Upper
266	100		
268	63.1	54.4	81.6
264	71.7	48.2	72.2



Instrument :
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ClientSampleId :
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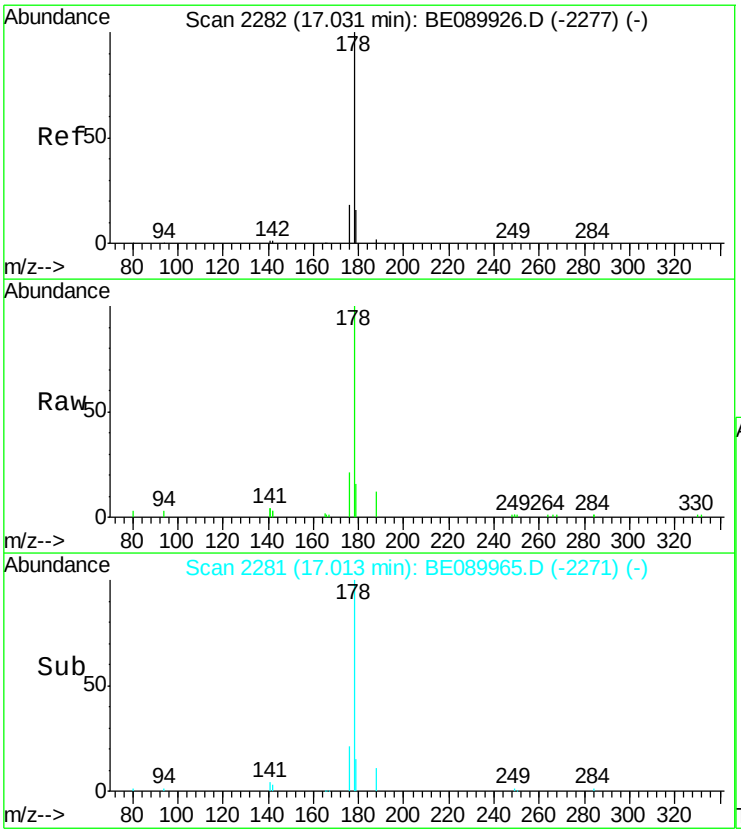
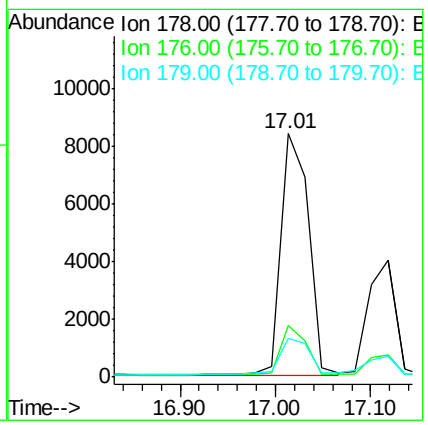
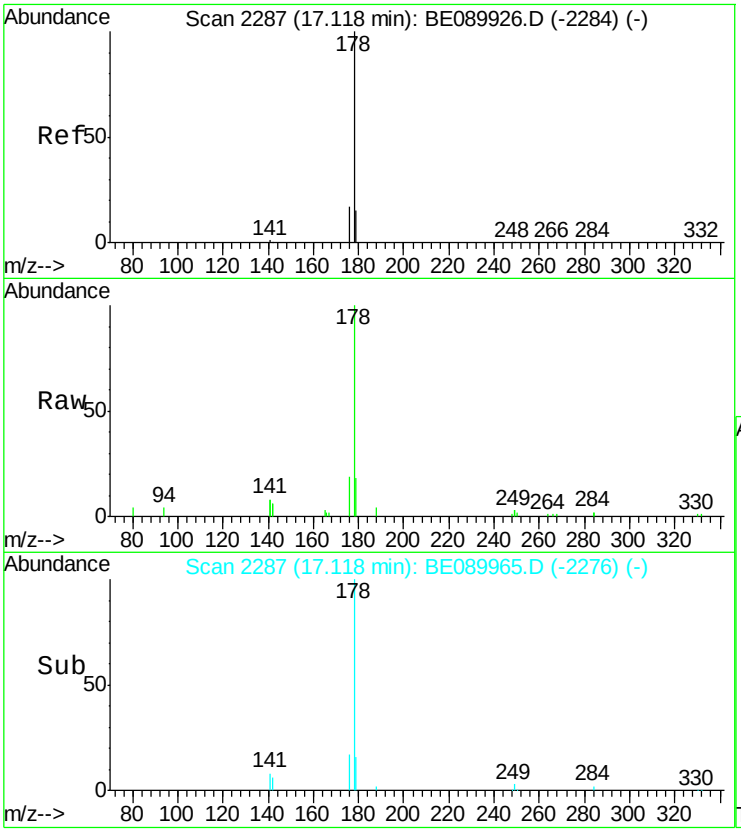


#22
Phenanthrene
Concen: 0.43 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:178 Resp: 16672

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.6	12.6	19.0

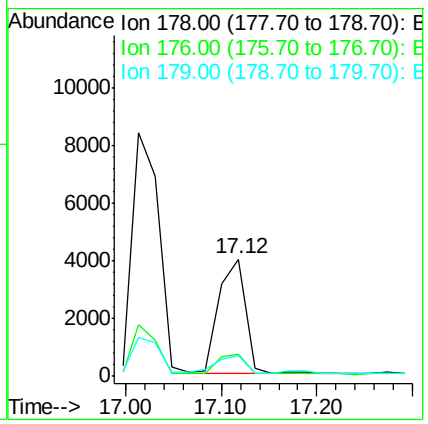




#23
Anthracene
Concen: 0.22 ng
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:178 Resp: 7872

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	21.8
179	16.5	12.3	18.5



Instrument :
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ClientSampleId :
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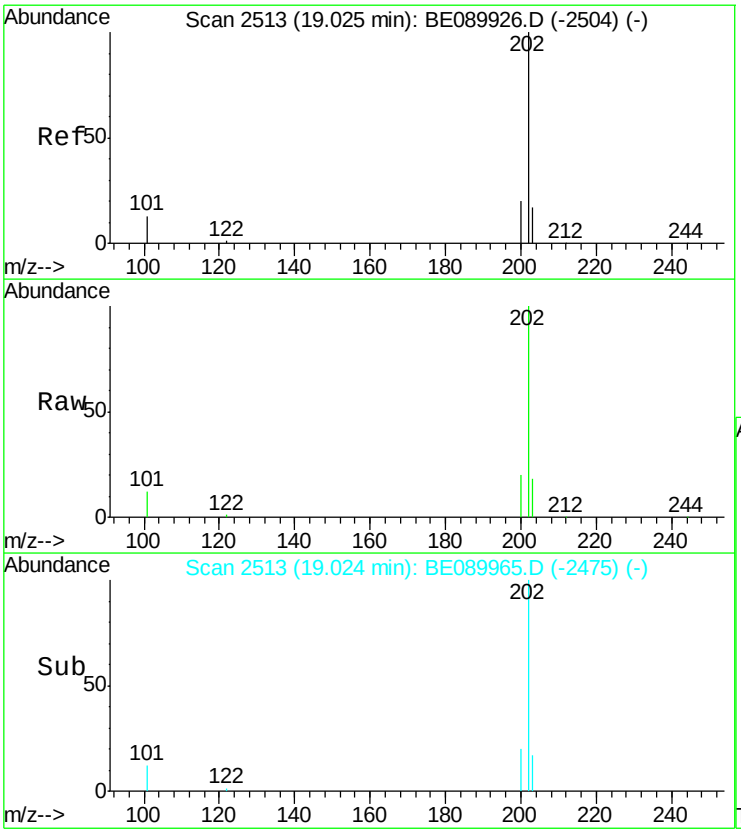
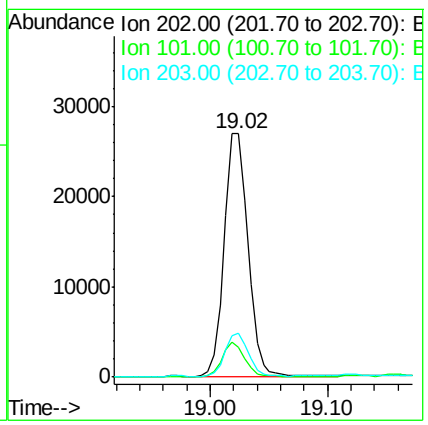
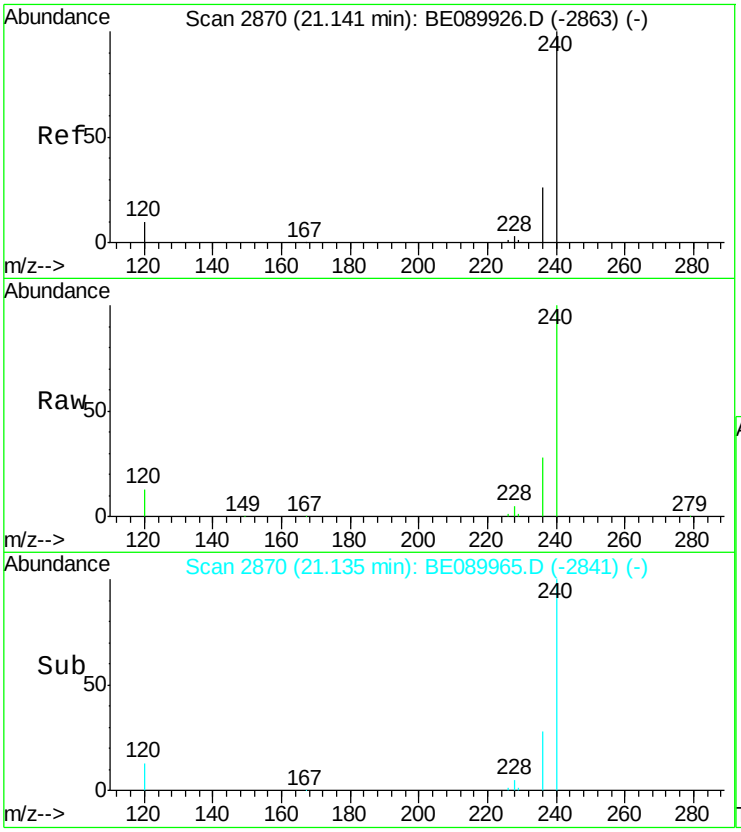


#24
Fluoranthene
Concen: 0.89 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:202 Resp: 37963

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	16.0
203	17.0	13.8	20.8





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:240 Resp: 193109

Ion	Ratio	Lower	Upper
240	100		
120	13.0	7.9	11.9#
236	28.0	21.2	31.8

Instrument :
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ClientSampleId :
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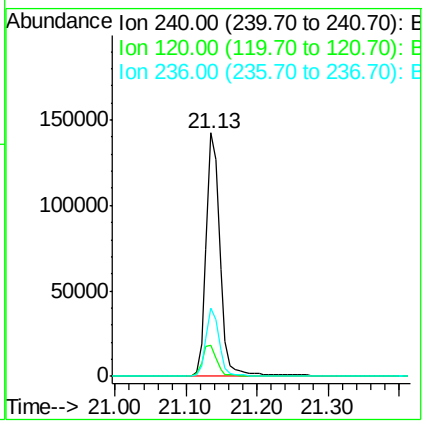
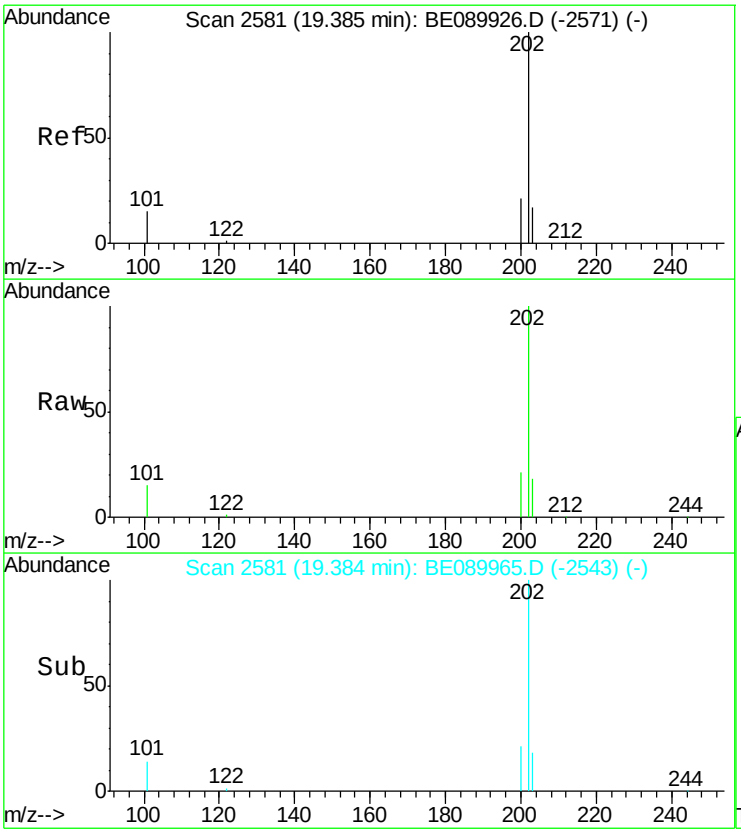
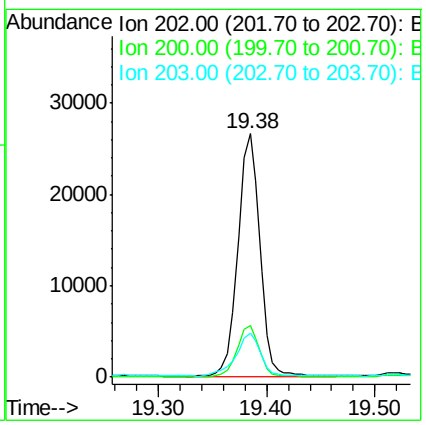


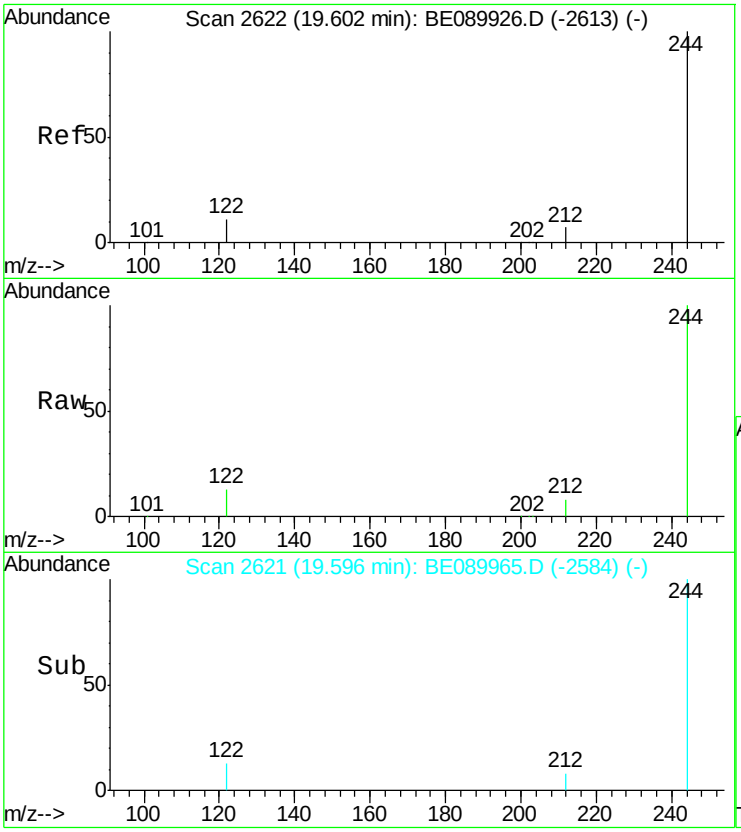


#26
Pyrene
Concen: 0.77 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:202 Resp: 37493

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	19.8	13.9	20.9





#27
Terphenyl-d14
Concen: 6.07 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:244 Resp: 202243

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.1	9.1
122	13.4	8.7	13.1#

Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

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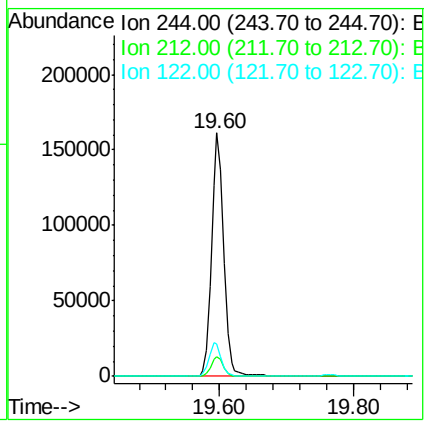
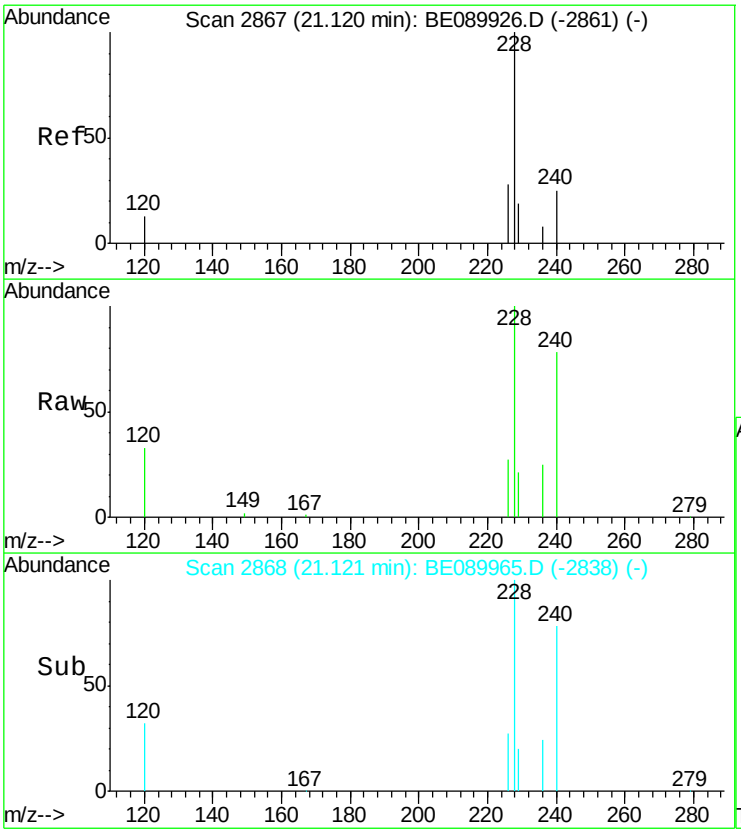
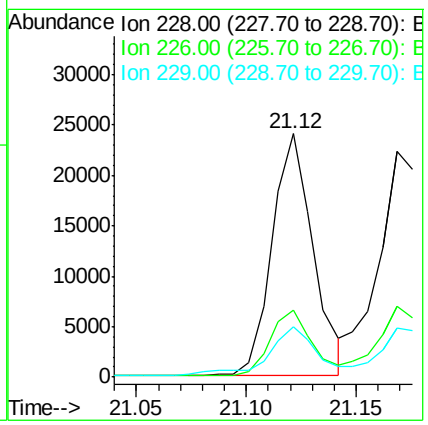


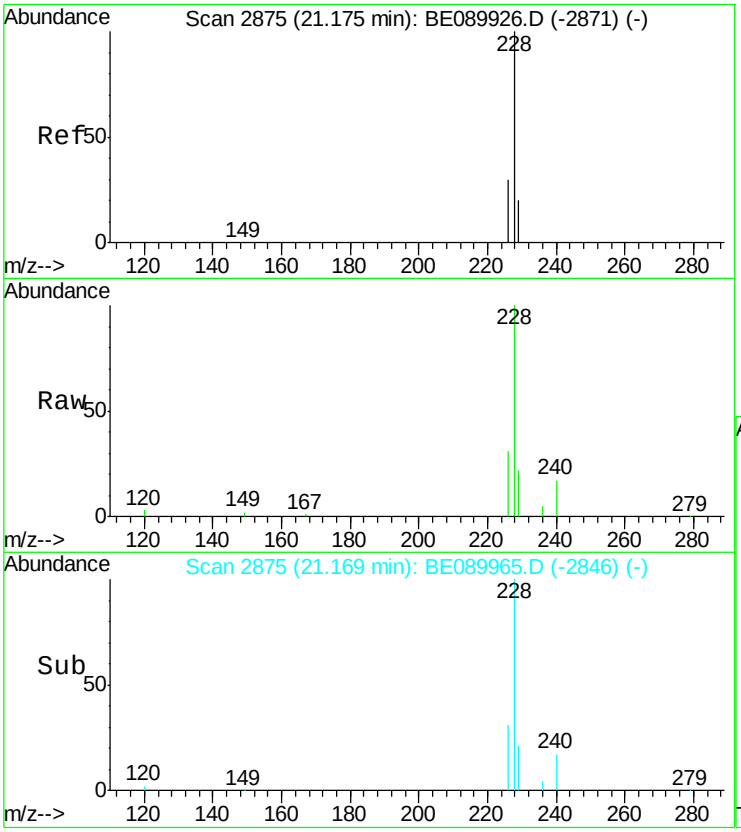


#28
Benzo(a)anthracene
Concen: 0.68 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:228 Resp: 31328

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	20.6	15.3	22.9





#29
Chrysene
Concen: 0.67 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:228 Resp: 34003

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.7	35.5
229	21.7	15.8	23.8

Instrument :
BNA_E
ClientSampleId :
X3SS0230006-150624

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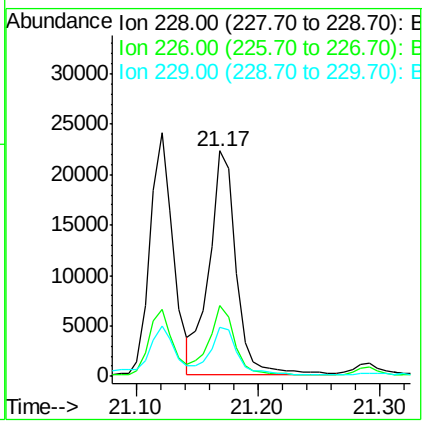
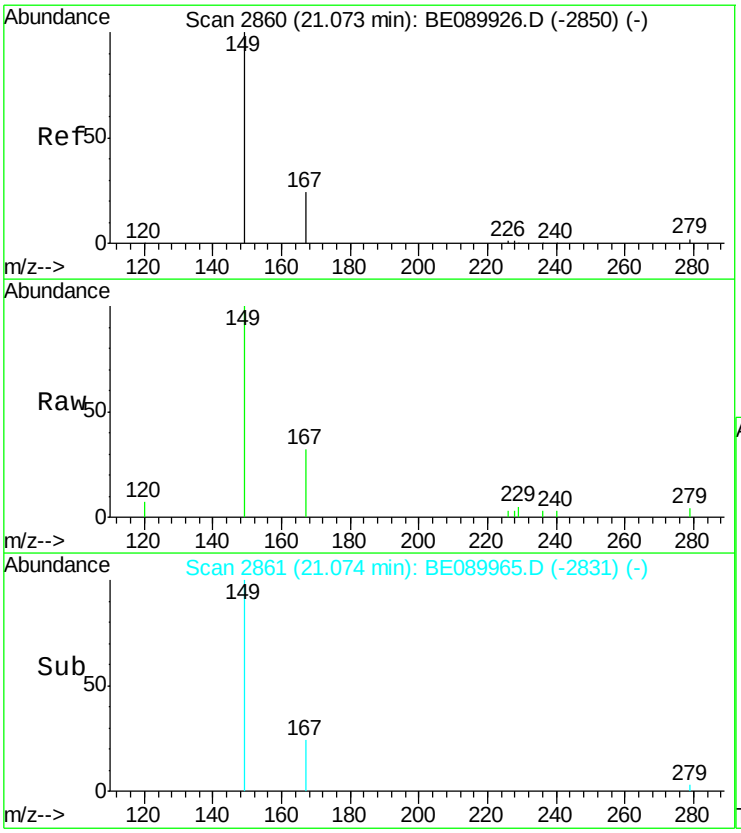
6/29/2015 5:03:24 PM

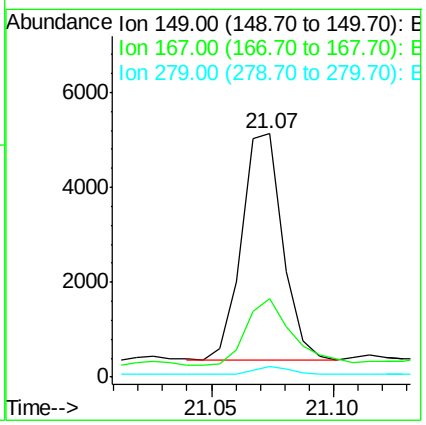


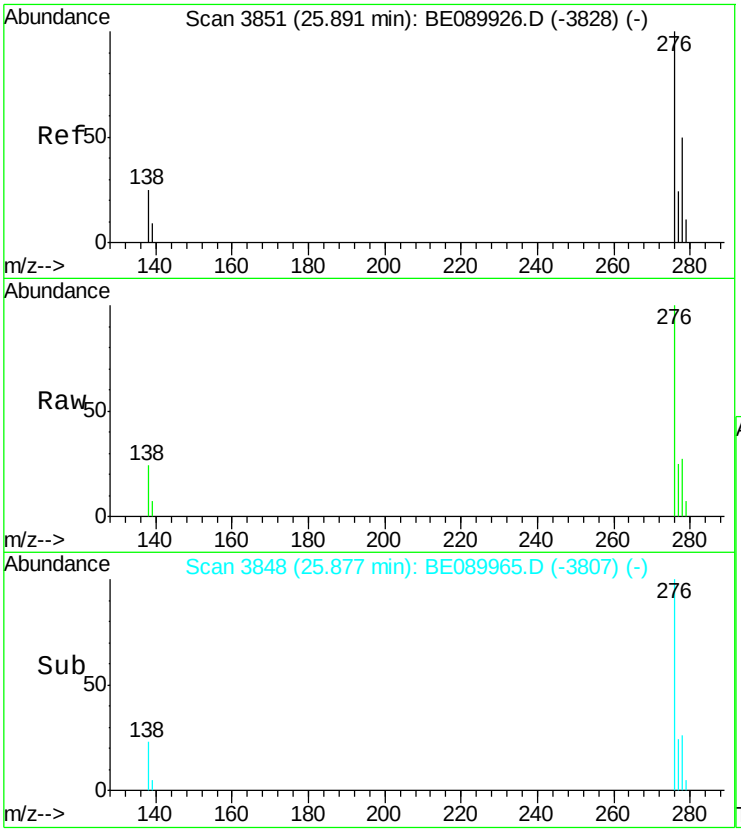


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.41 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:149 Resp: 5542

Ion	Ratio	Lower	Upper
149	100		
167	33.8	20.3	30.5#
279	3.0	2.7	4.1

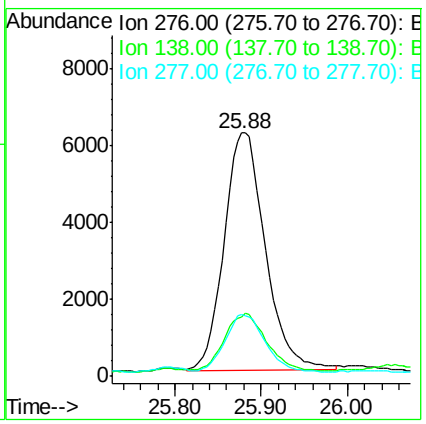




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.55 ng
RT: 25.88 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:276 Resp: 20393

Ion	Ratio	Lower	Upper
276	100		
138	24.4	0.0	0.0#
277	23.8	0.0	0.0#



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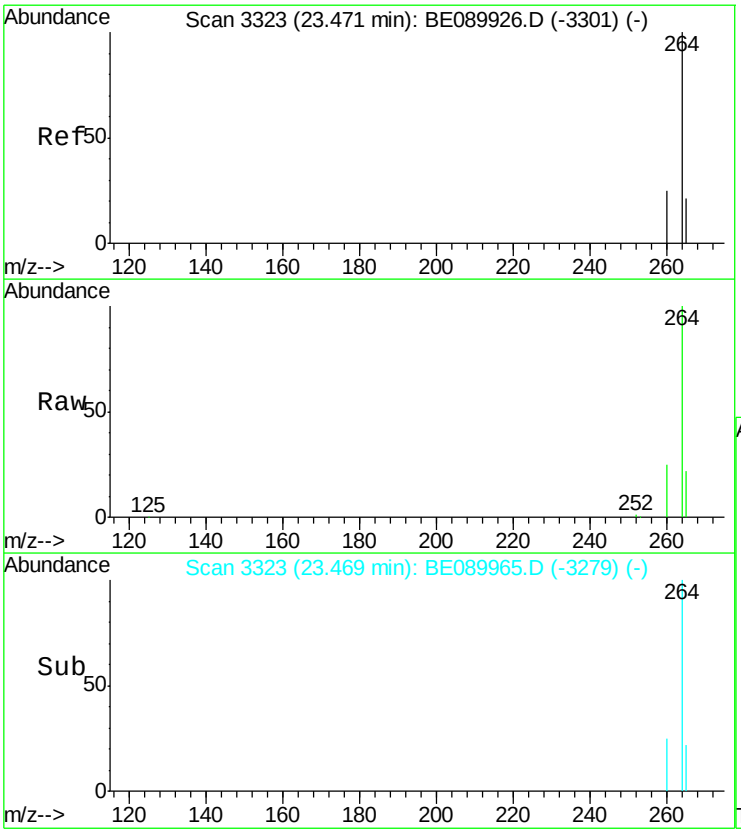
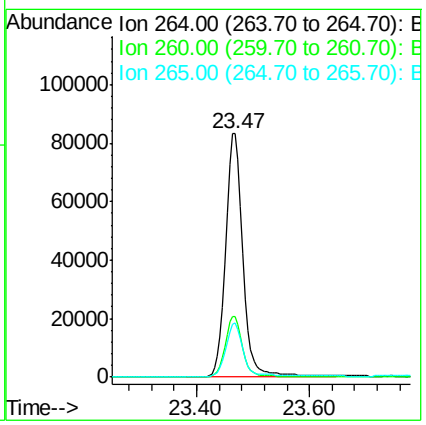
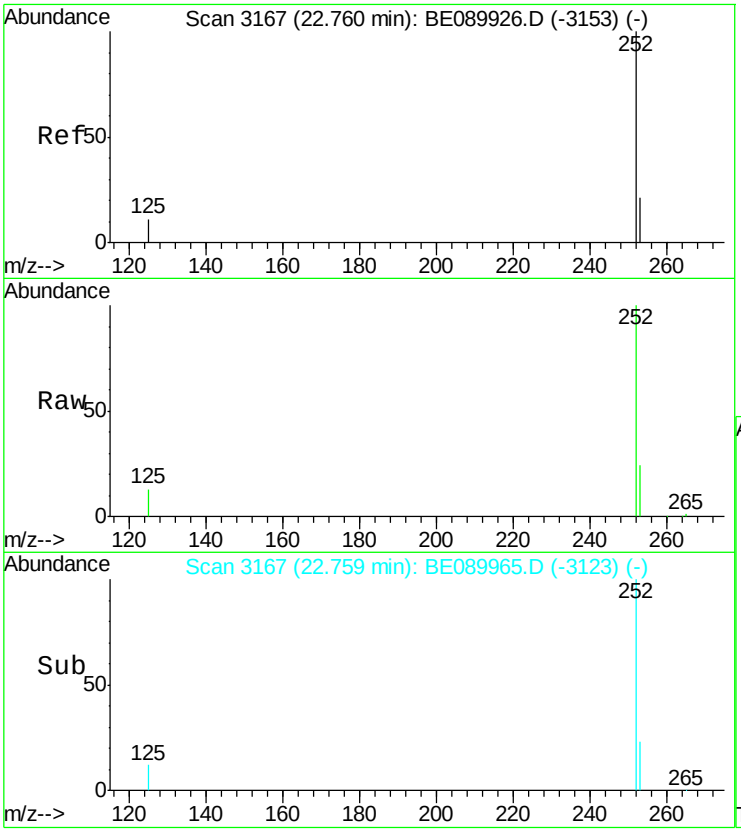


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:264 Resp: 176833

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	22.1	17.3	25.9





#33
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 22.76 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:252 Resp: 37136

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	12.9	9.3	13.9

Instrument :
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ClientSampleId :
X3SS0230006-150624

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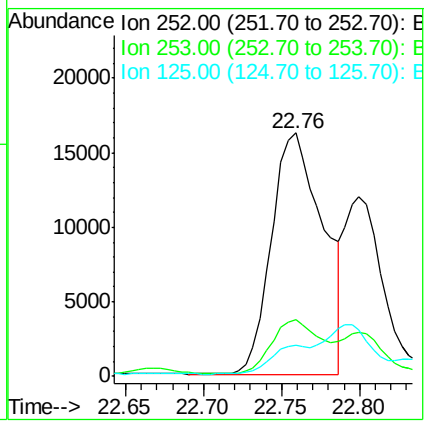
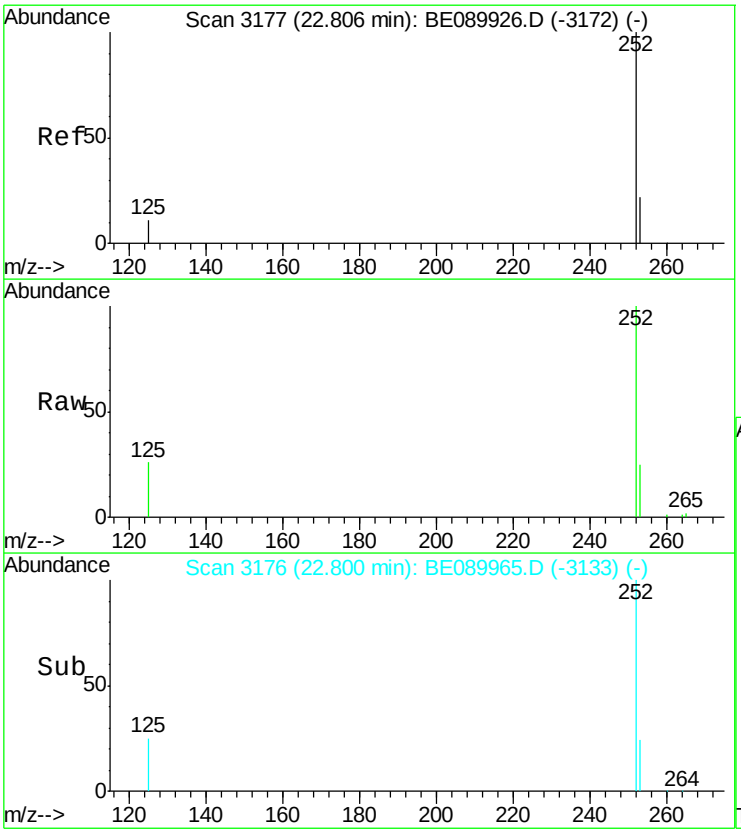
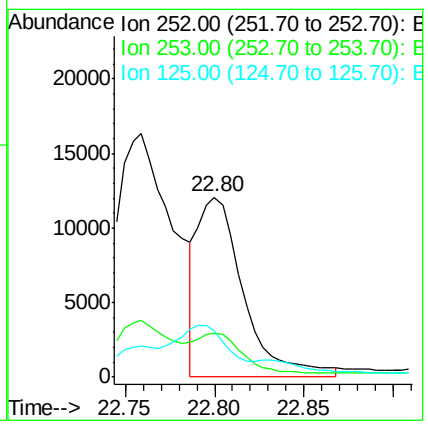


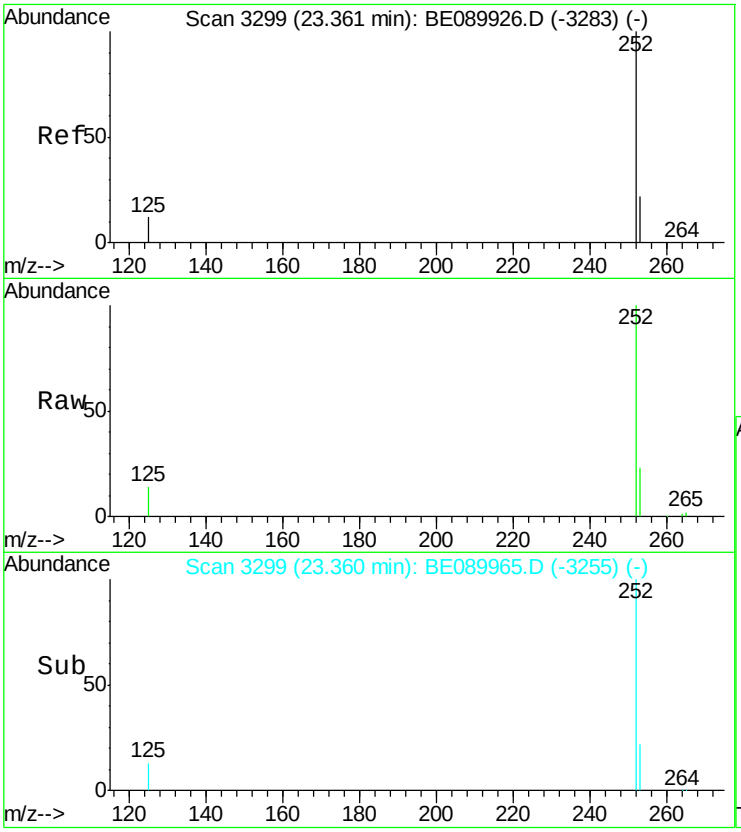


#34
Benzo(k)fluoranthene
Concen: 0.51 ng m
RT: 22.80 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:252 Resp: 21520

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	25.9	9.2	13.8#

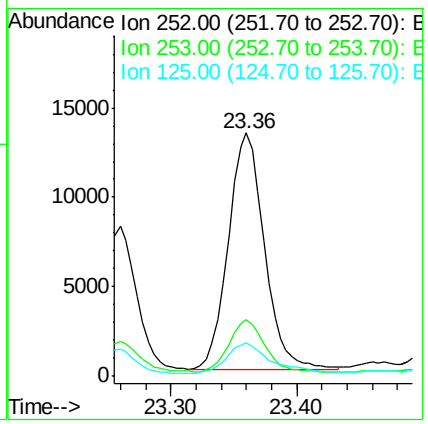




#35
Benzo(a)pyrene
Concen: 0.79 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:252 Resp: 26176

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	13.8	10.3	15.5



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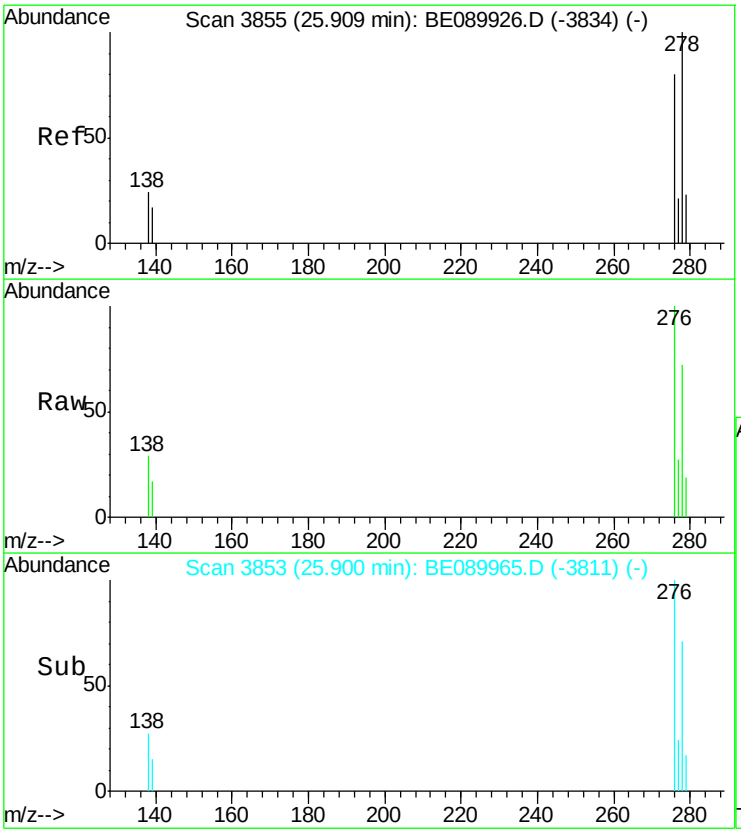
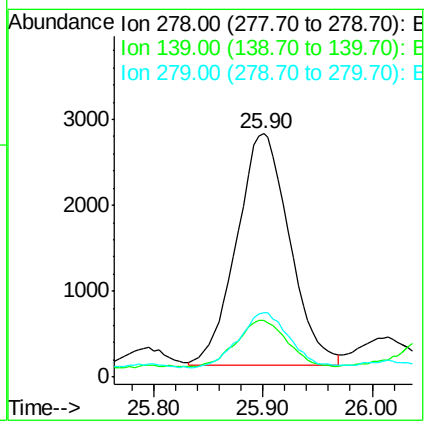
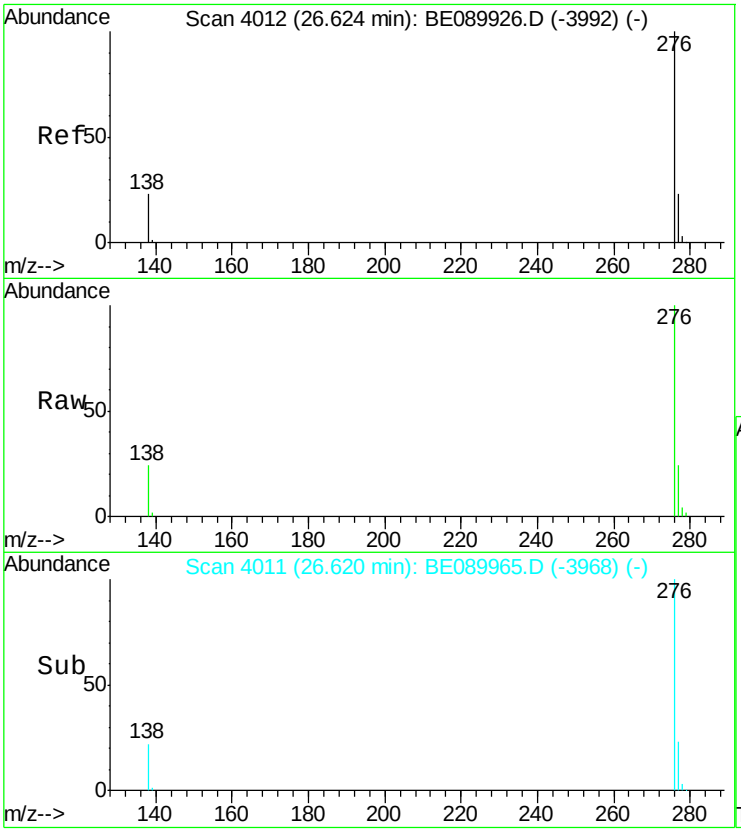


#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.90 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:278 Resp: 9058

Ion	Ratio	Lower	Upper
278	100		
139	23.1	14.1	21.1#
279	26.6	19.0	28.6

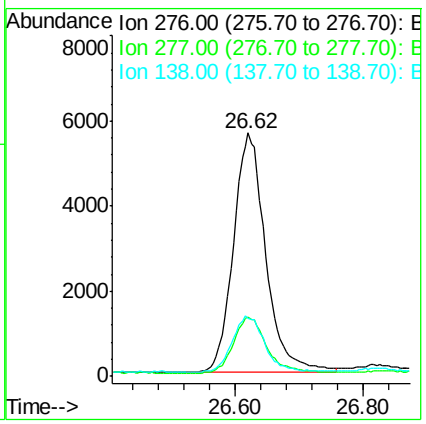




#37
Benzo(g,h,i)perylene
Concen: 0.59 ng
RT: 26.62 min Scan# 4011
Delta R.T. -0.00 min
Lab File: BE089965.D
Acq: 27 Jun 2015 8:09

Tgt Ion:276 Resp: 19682

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	23.9	18.8	28.2



Instrument :
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ClientSampleId :
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