Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090331.D
Acq On : 4 Aug 2015 4:26
Operator : TP/UM
Sample : PB84826BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 04 07:48:27 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	8497	5.00	ng		0.00
6) Naphthalene-d8	10.35	136	36741	5.00	ng		0.00
12) Acenaphthene-d10	14.21	164	18661	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	39113	5.00	ng		0.00
25) Chrysene-d12	21.11	240	37737	5.00	ng		0.00
32) Perylene-d12	23.42	264	32709	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	11042	6.80	ng		0.00
5) Phenol-d6	6.78	99	13883	6.95	ng		0.00
7) Nitrobenzene-d5	8.73	82	8419	3.88	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	2348	6.63	ng		-0.02
14) 2-Fluorobiphenyl	12.83	172	20866	3.86	ng		0.00
27) Terphenyl-d14	19.57	244	28600	4.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	3879	3.88	ng		94
3) n-Nitrosodimethylamine	3.50	42	5210	3.63	ng	#	95
8) Nitrobenzene	8.77	77	8396	3.75	ng		97
9) Naphthalene	10.40	128	27029	3.42	ng		97
10) Hexachlorobutadiene	10.69	225	3512	3.32	ng		99
11) 2-Methylnaphthalene	12.01	142	18046	3.69	ng		98
15) Acenaphthylene	13.92	152	118054	3.62	ng		100
16) Acenaphthene	14.27	154	16866	3.58	ng		96
17) Fluorene	15.26	166	21924	3.83	ng		98
19) 4-Bromophenyl-phenylether	16.16	248	5790	3.94	ng		99
20) Hexachlorobenzene	16.27	284	20749	3.73	ng		97
21) Pentachlorophenol	16.61	266	3804	7.88	ng	#	77
22) Phenanthrene	17.00	178	33370	3.75	ng		99
23) Anthracene	17.08	178	32398	4.07	ng		99
24) Fluoranthene	18.99	202	38050	4.25	ng		100
26) Pyrene	19.35	202	40081	3.93	ng		99
28) Benzo(a)anthracene	21.09	228	30961	4.31	ng		97
29) Chrysene	21.14	228	35946	4.20	ng		98
30) Bis(2-ethylhexyl)phthalate	21.04	149	15682	4.77	ng		96
31) Indeno(1,2,3-cd)pyrene	25.82	276	24537	4.79	ng	#	82
33) Benzo(b)fluoranthene	22.71	252	23999	3.88	ng	#	90
34) Benzo(k)fluoranthene	22.76	252	38238m	4.31	ng		
35) Benzo(a)pyrene	23.31	252	23624	4.11	ng	#	87
36) Dibenzo(a,h)anthracene	25.84	278	17696	4.62	ng	#	72
37) Benzo(g,h,i)perylene	26.55	276	25420	4.22	ng	#	87

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

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Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090331.D
Acq On : 4 Aug 2015 4:26
Operator : TP/UM
Sample : PB84826BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 04 07:48:27 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
PB84826BS

Manual Integrations APPROVED
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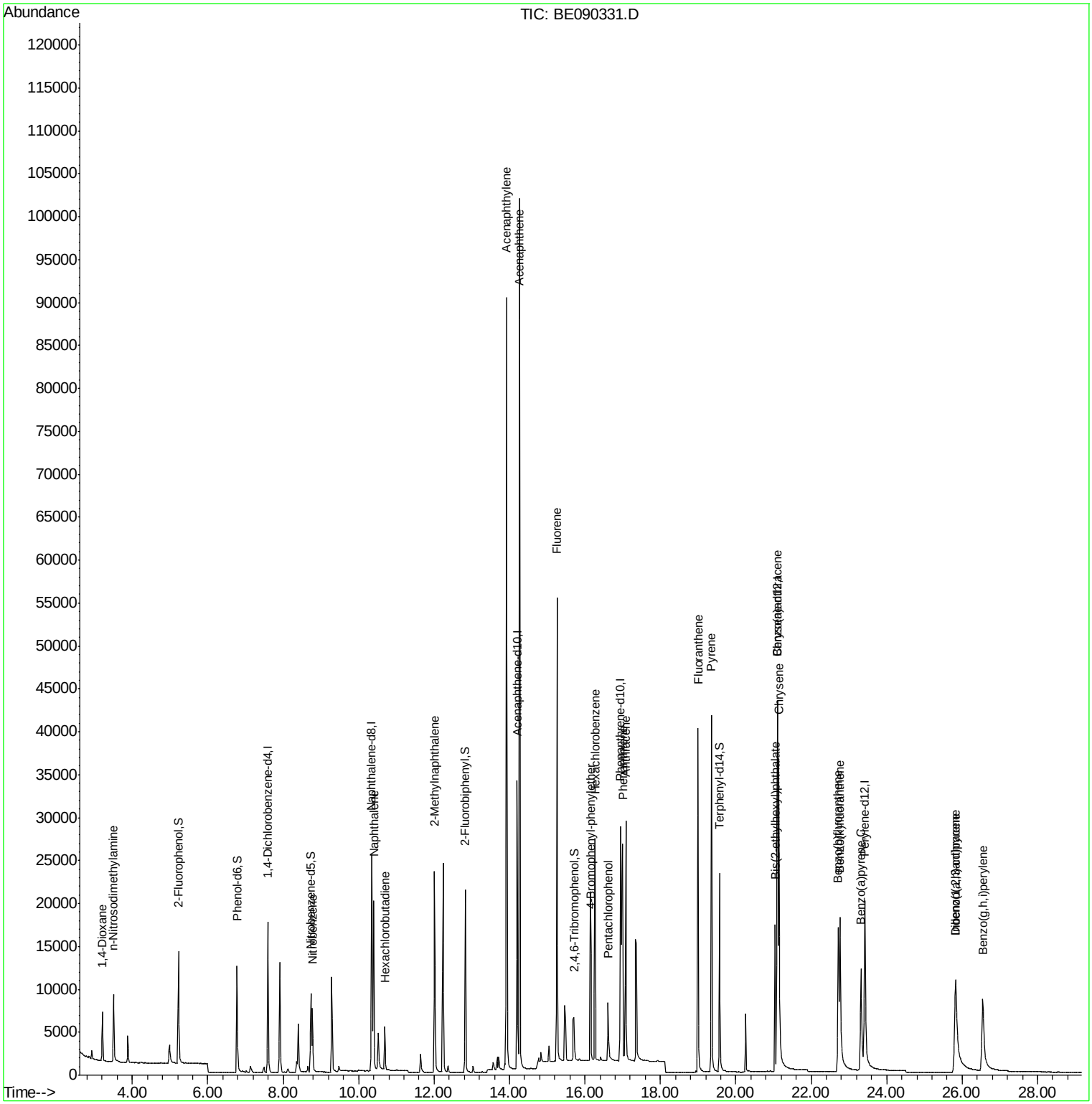
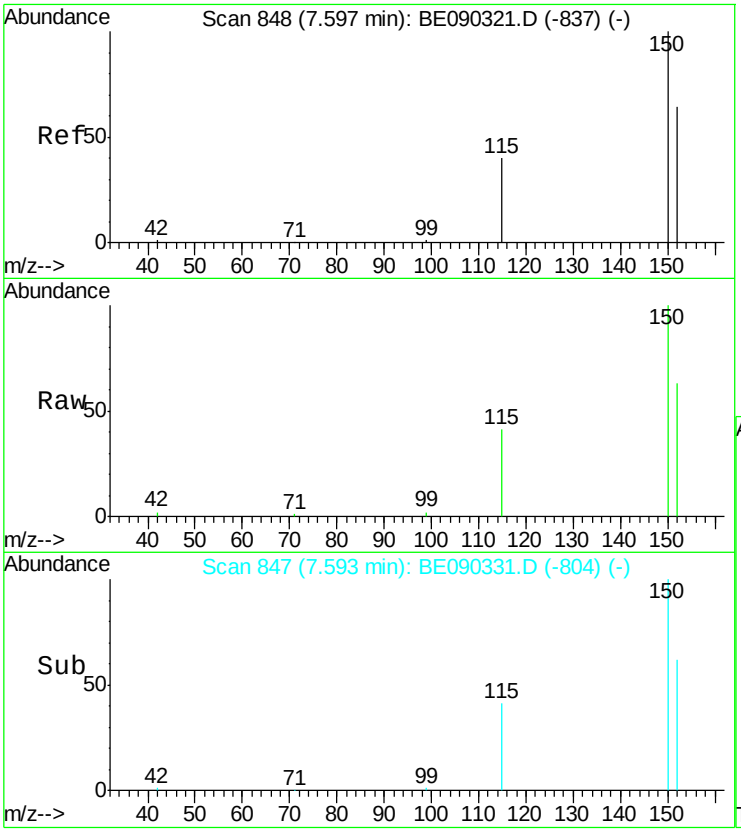
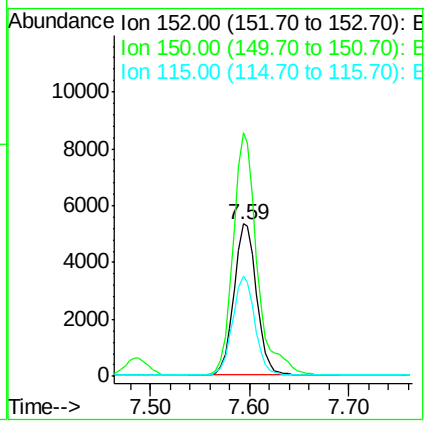




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:152 Resp: 8497

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.2	186.2
115	65.5	50.4	75.6



Instrument :
BNA_E
ClientSampleId :
PB84826BS

Manual Integrations APPROVED
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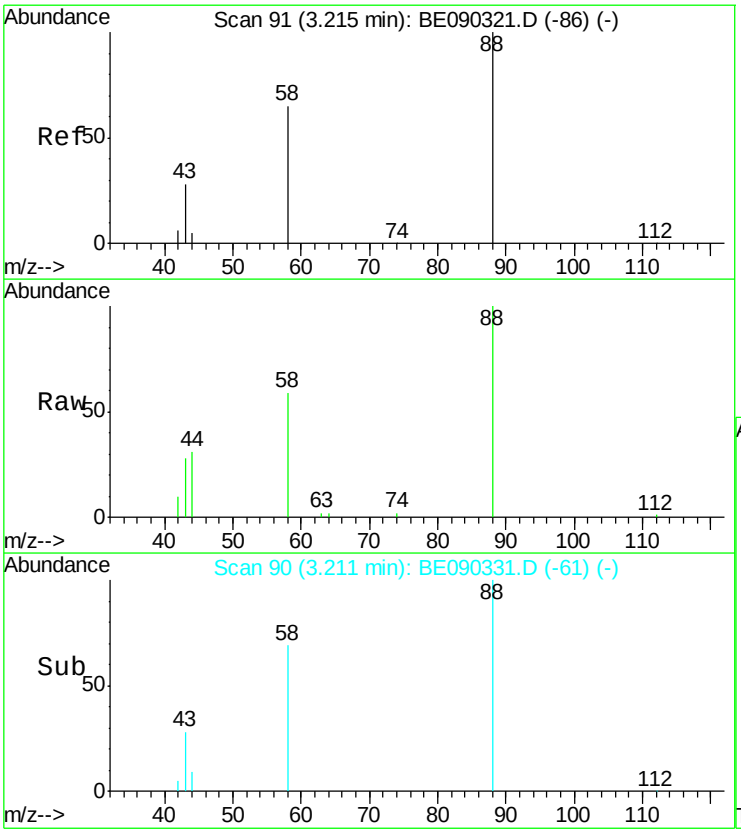
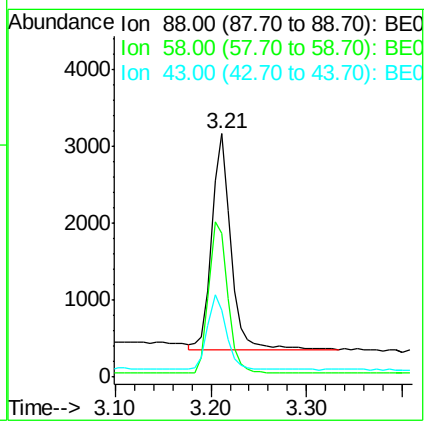
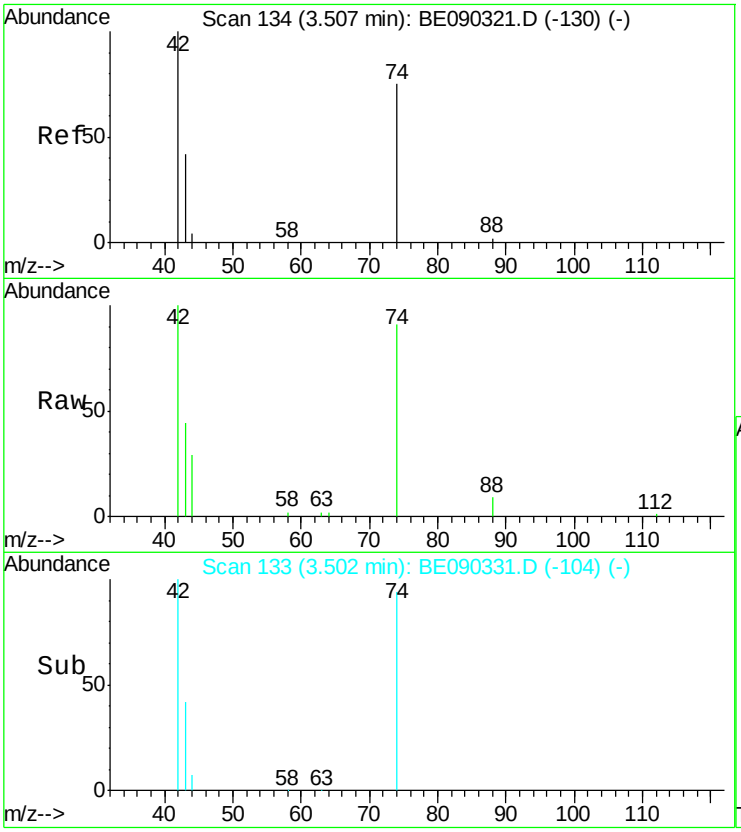


#2
1,4-Dioxane
Concen: 3.88 ng
RT: 3.21 min Scan# 90
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion: 88 Resp: 3879

Ion	Ratio	Lower	Upper
88	100		
58	68.7	50.2	75.2
43	32.5	25.0	37.6

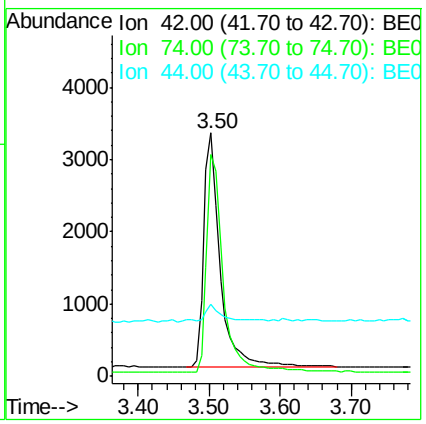




#3
n-Nitrosodimethylamine
Concen: 3.63 ng
RT: 3.50 min Scan# 133
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion: 42 Resp: 5210

Ion	Ratio	Lower	Upper
42	100		
74	95.6	73.2	109.8
44	8.3	3.8	5.6#



Instrument :
BNA_E
ClientSampleId :
PB84826BS

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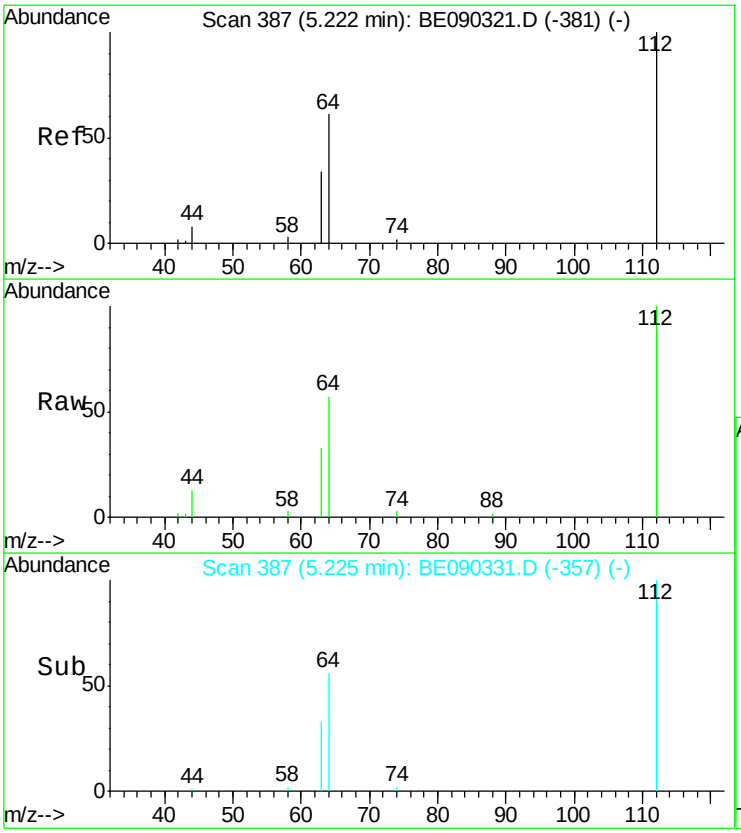
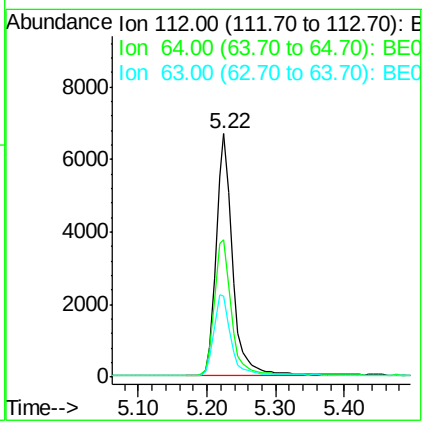
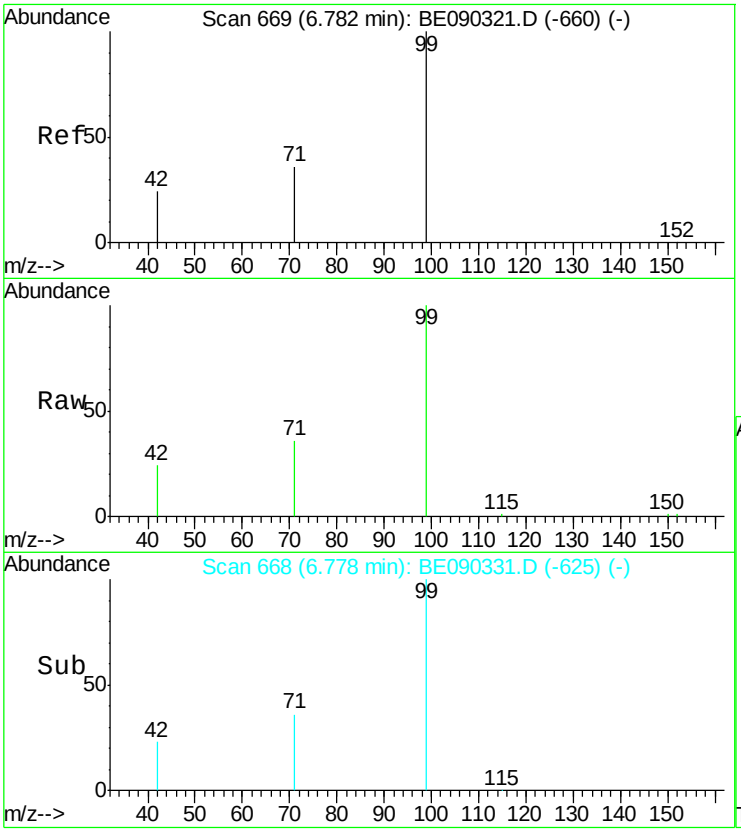


#4
2-Fluorophenol
Concen: 6.80 ng
RT: 5.22 min Scan# 387
Delta R.T. 0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:112 Resp: 11042

Ion	Ratio	Lower	Upper
112	100		
64	58.5	49.0	73.4
63	34.5	27.7	41.5

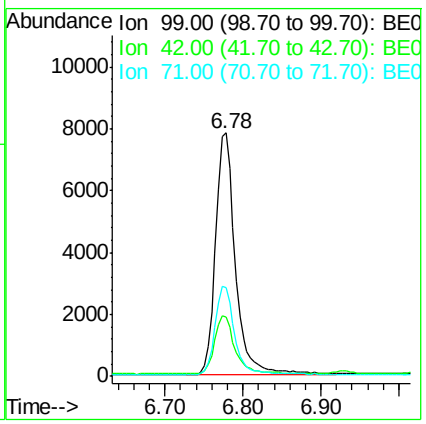




#5
Phenol-d6
Concen: 6.95 ng
RT: 6.78 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion: 99 Resp: 13883

Ion	Ratio	Lower	Upper
99	100		
42	25.0	22.2	33.2
71	36.7	29.2	43.8



Instrument :
BNA_E
ClientSampleId :
PB84826BS

Manual Integrations APPROVED
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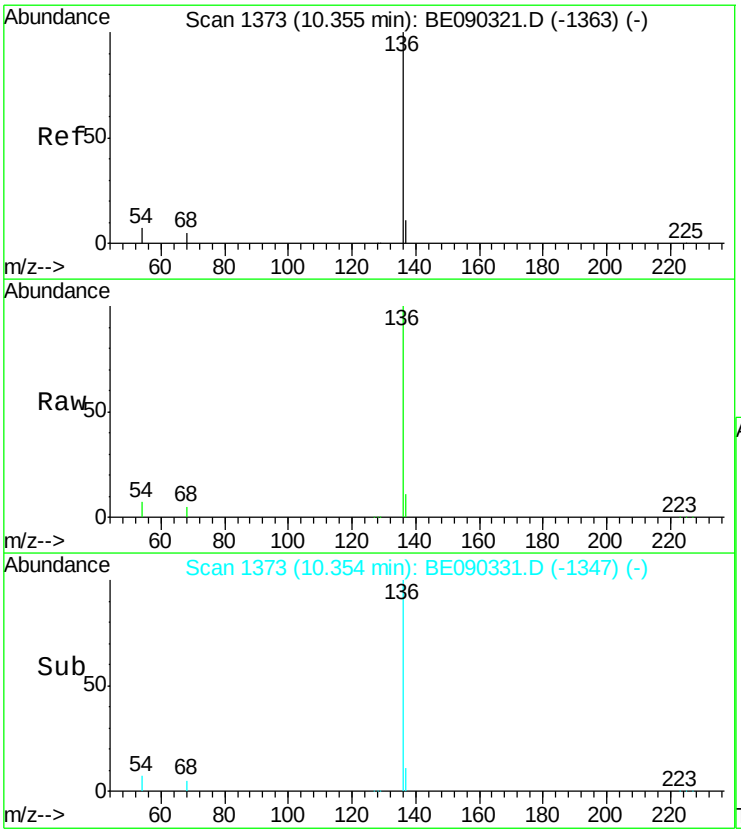
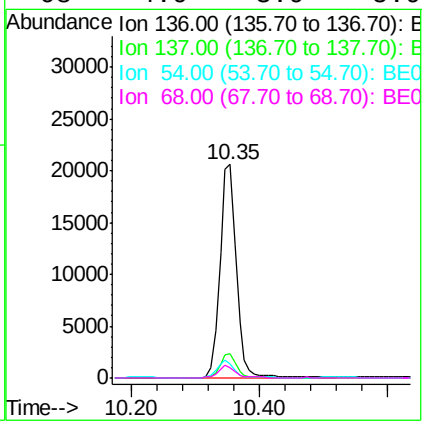
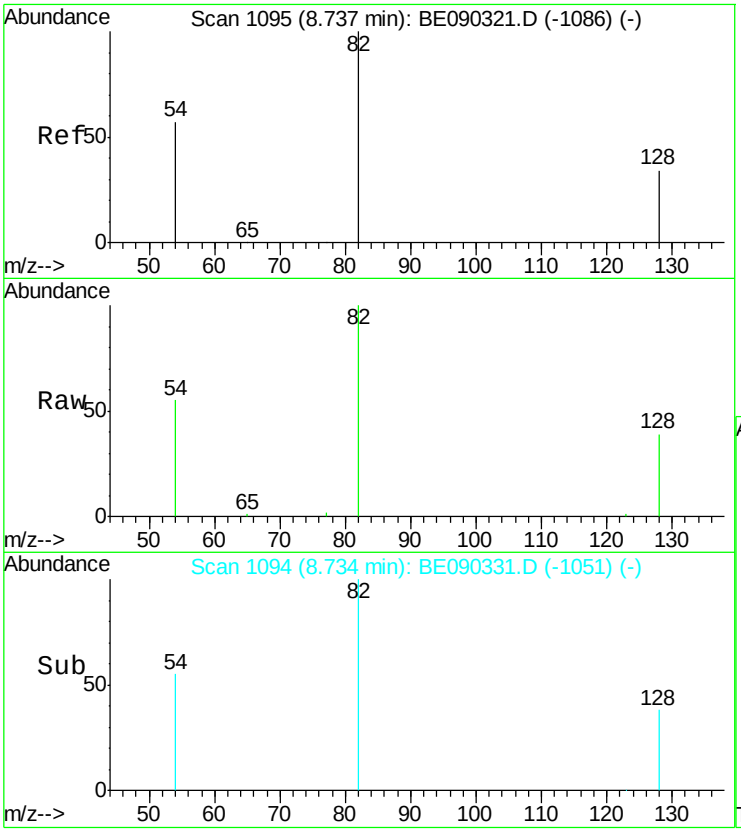


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:136 Resp: 36741

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.8	6.0	9.0
68	4.9	3.9	5.9

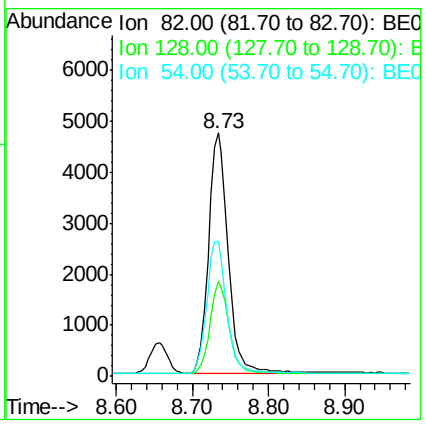




#7
Nitrobenzene-d5
Concen: 3.88 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion: 82 Resp: 8419

Ion	Ratio	Lower	Upper
82	100		
128	39.0	30.8	46.2
54	55.5	47.5	71.3



Instrument :
BNA_E
ClientSampleId :
PB84826BS

Manual Integrations APPROVED
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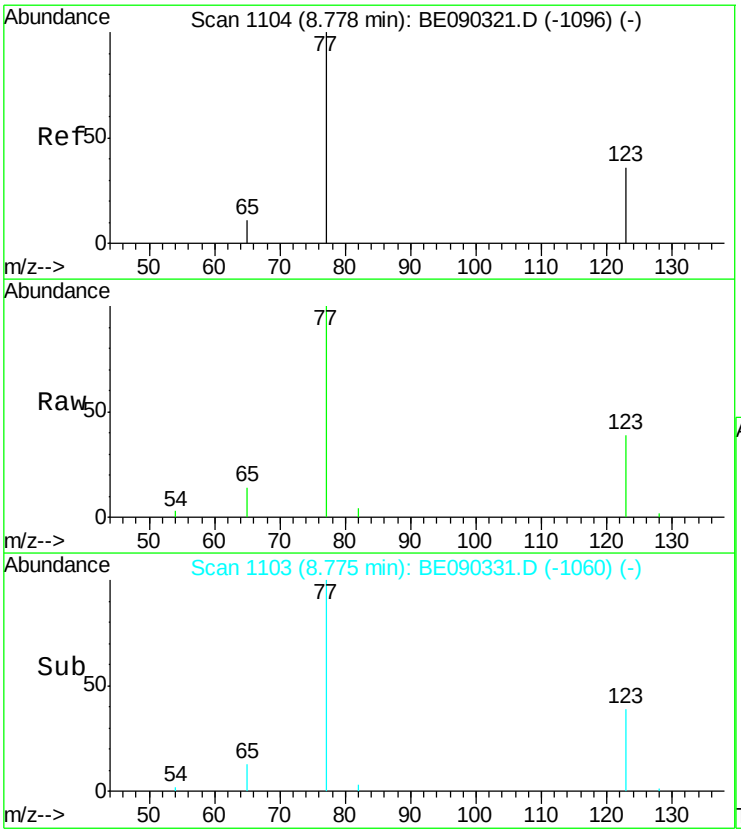
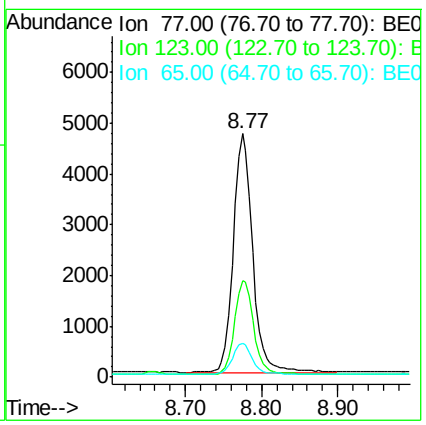
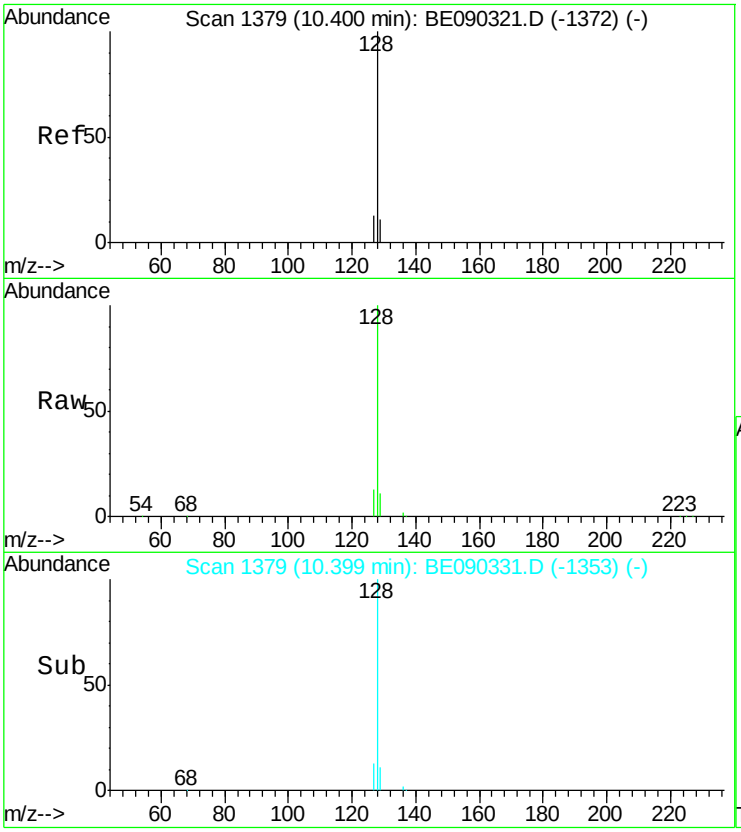


#8
Nitrobenzene
Concen: 3.75 ng
RT: 8.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion: 77 Resp: 8396

Ion	Ratio	Lower	Upper
77	100		
123	39.6	29.6	44.4
65	13.3	10.4	15.6

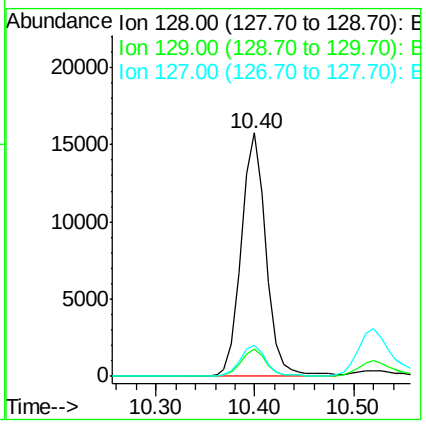




#9
Naphthalene
Concen: 3.42 ng
RT: 10.40 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:128 Resp: 27029

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.1	15.1
127	13.0	11.3	16.9



Instrument :
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ClientSampleId :
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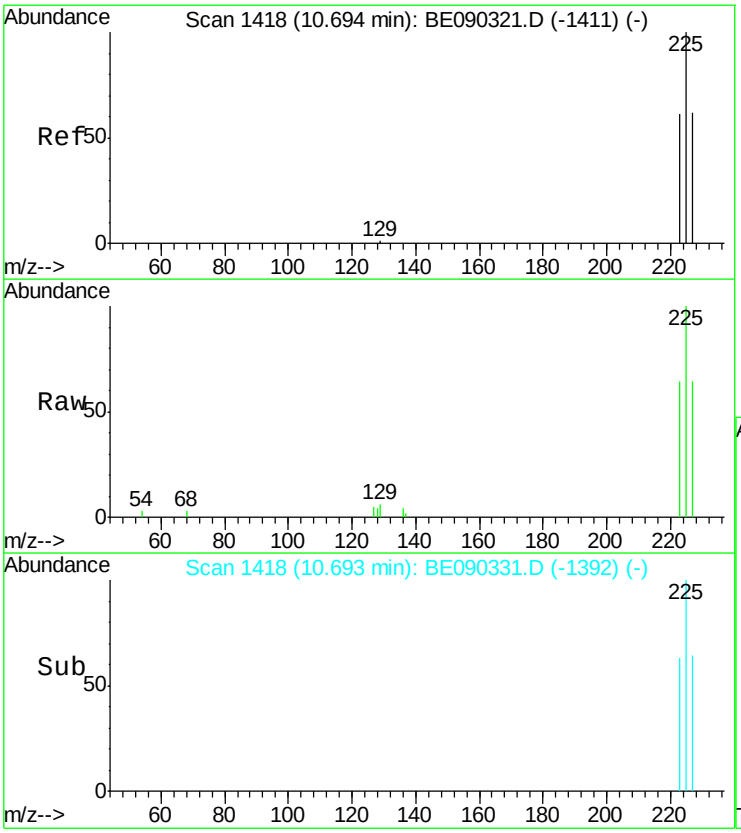
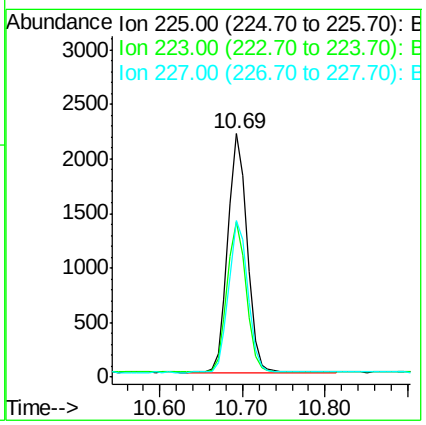
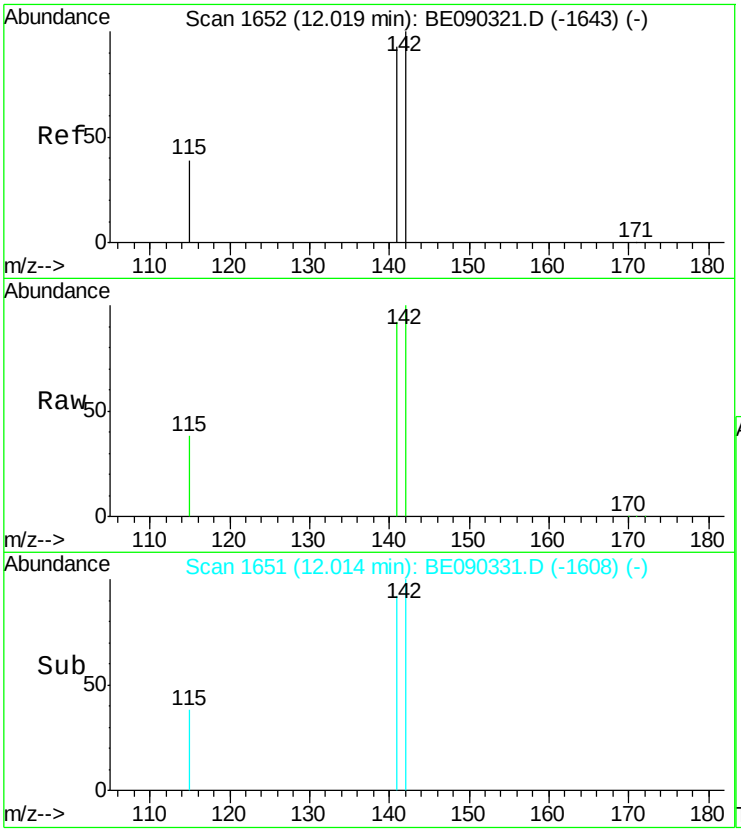


#10
Hexachlorobutadiene
Concen: 3.32 ng
RT: 10.69 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:225 Resp: 3512

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.1	49.6	74.4

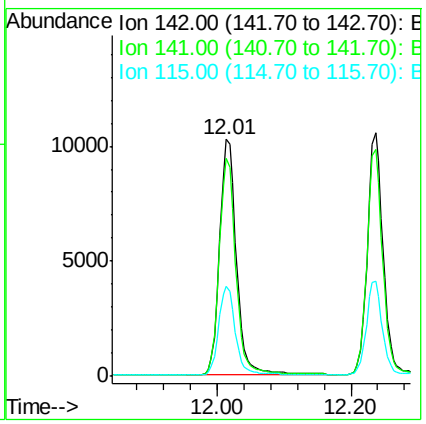




#11
2-Methylnaphthalene
Concen: 3.69 ng
RT: 12.01 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:142 Resp: 18046

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.6	112.0
115	38.2	32.6	49.0



Instrument :
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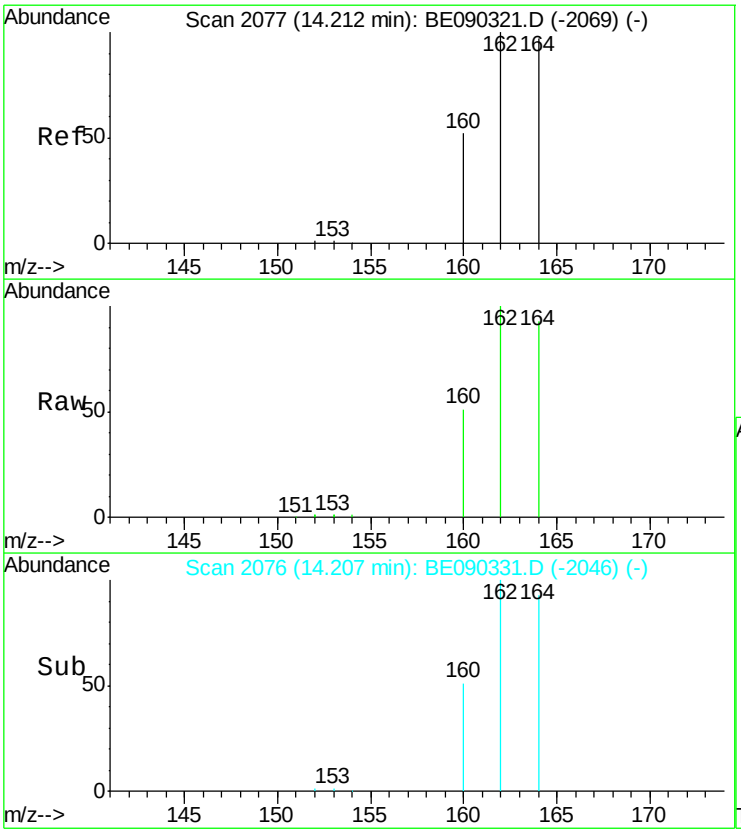
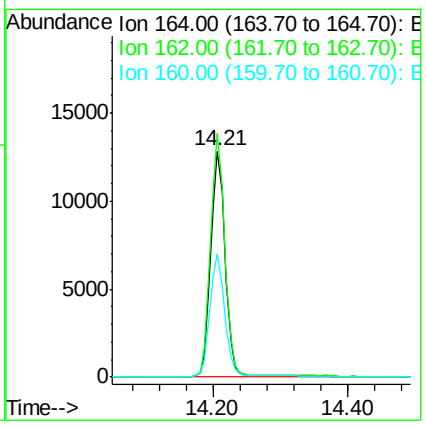
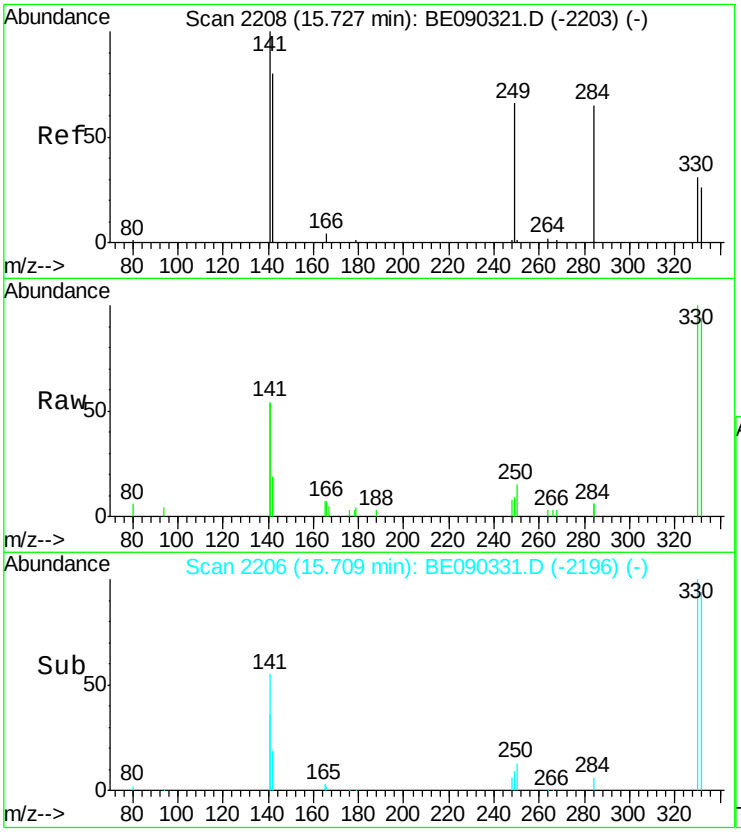


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:164 Resp: 18661

Ion	Ratio	Lower	Upper
164	100		
162	107.7	82.7	124.1
160	54.6	43.0	64.6

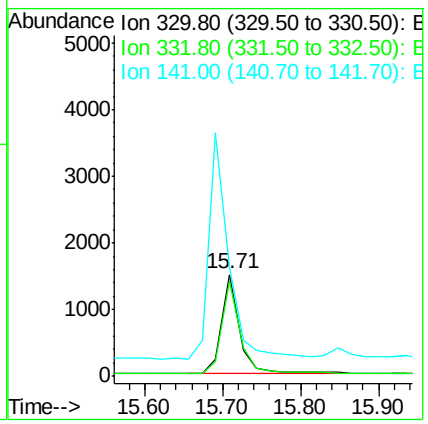




#13
2,4,6-Tribromophenol
Concen: 6.63 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:330 Resp: 2348

Ion	Ratio	Lower	Upper
330	100		
332	95.0	79.4	119.0
141	253.4	245.9	368.9



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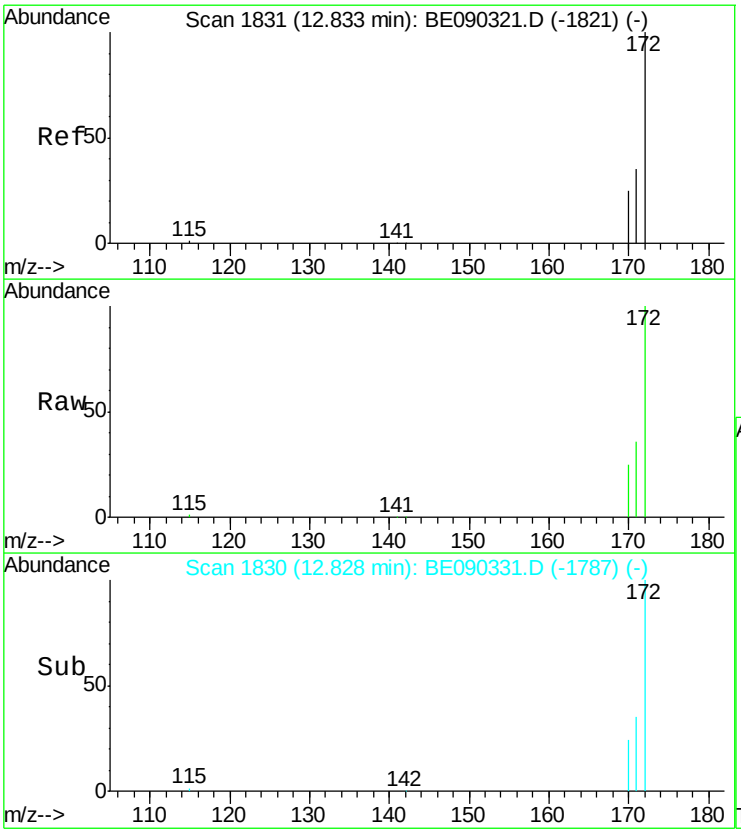
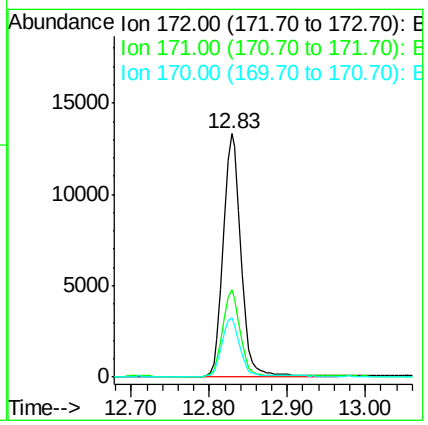
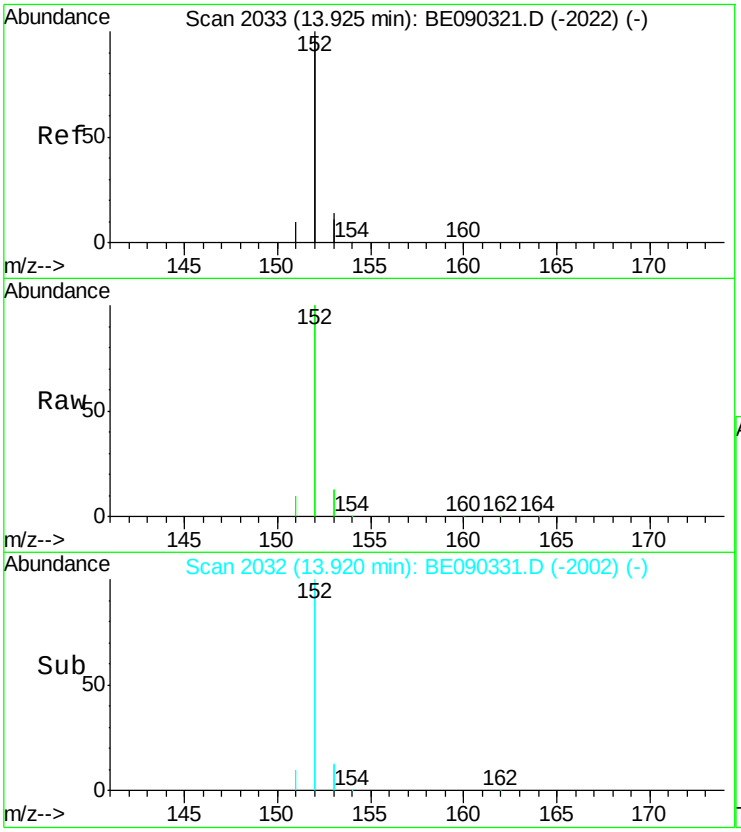


#14
2-Fluorobiphenyl
Concen: 3.86 ng
RT: 12.83 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:172 Resp: 20866

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.5	44.3
170	24.6	21.3	31.9

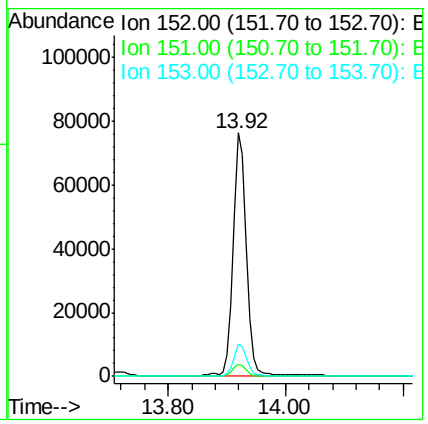




#15
Acenaphthylene
Concen: 3.62 ng
RT: 13.92 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:152 Resp: 118054

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.0	10.2	15.4



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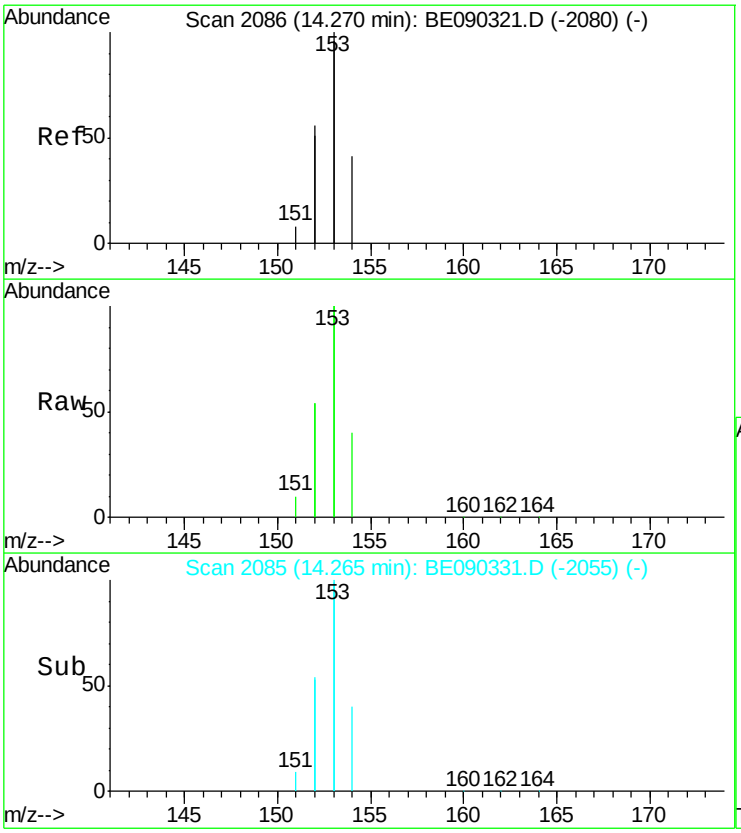
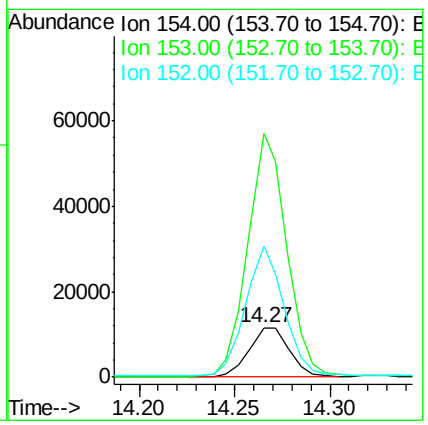
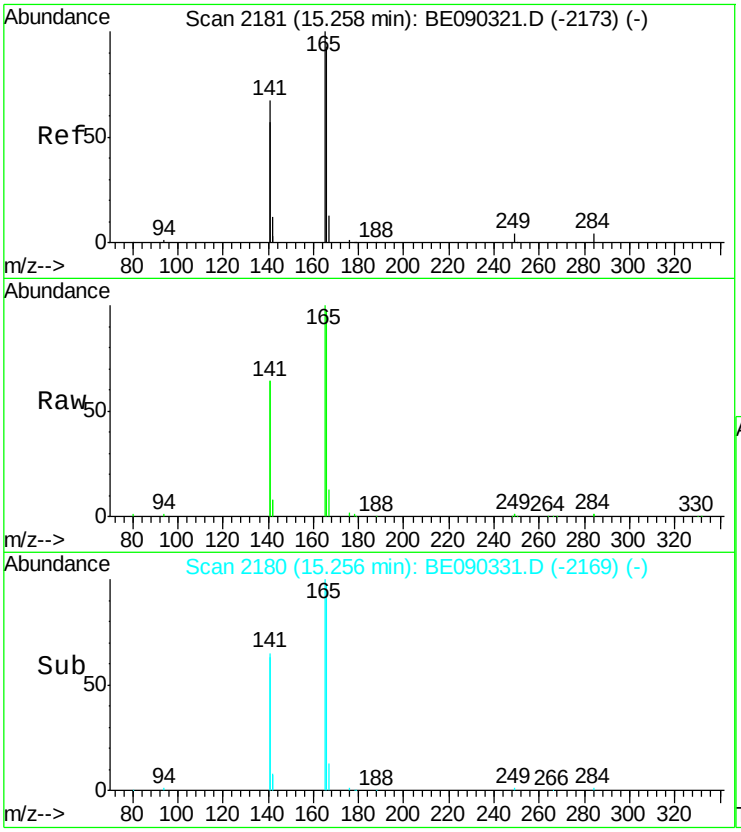


#16
Acenaphthene
Concen: 3.58 ng
RT: 14.27 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:154 Resp: 16866

Ion	Ratio	Lower	Upper
154	100		
153	479.6	378.0	567.0
152	253.3	212.7	319.1

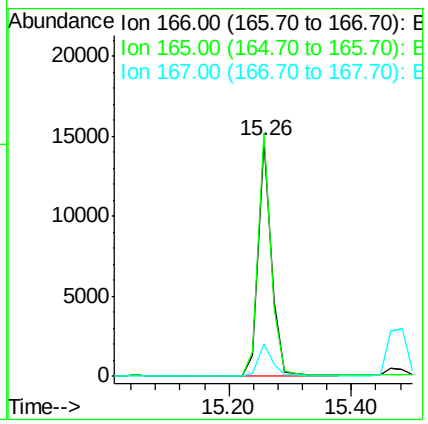




#17
Fluorene
Concen: 3.83 ng
RT: 15.26 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:166 Resp: 21924

Ion	Ratio	Lower	Upper
166	100		
165	101.9	82.6	123.8
167	13.5	11.8	17.8



Instrument :
BNA_E
ClientSampleId :
PB84826BS

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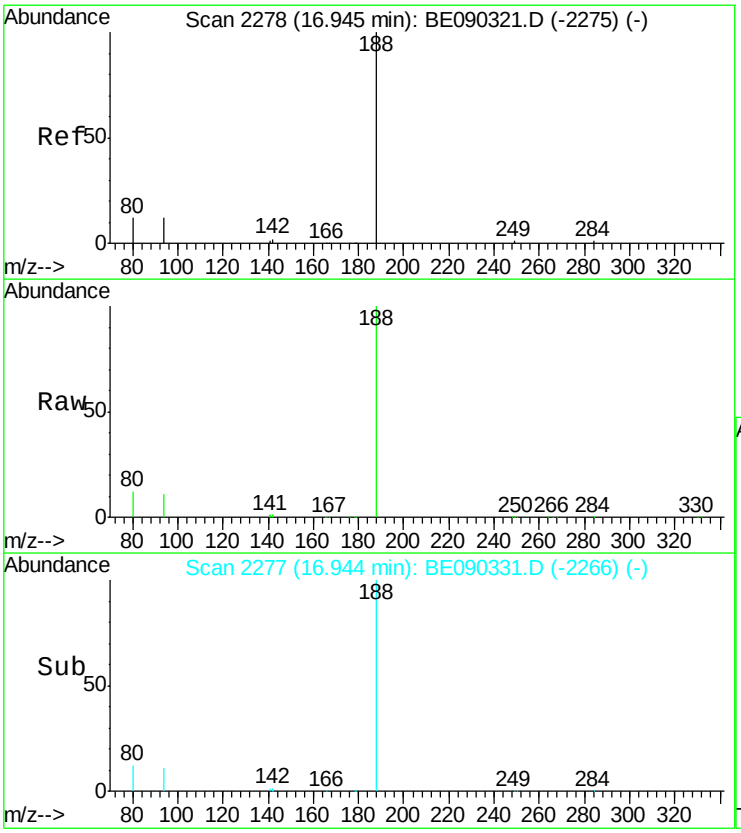
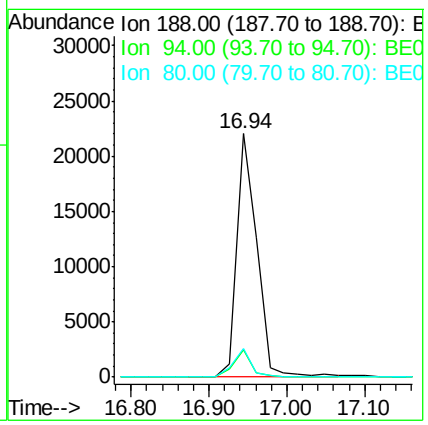
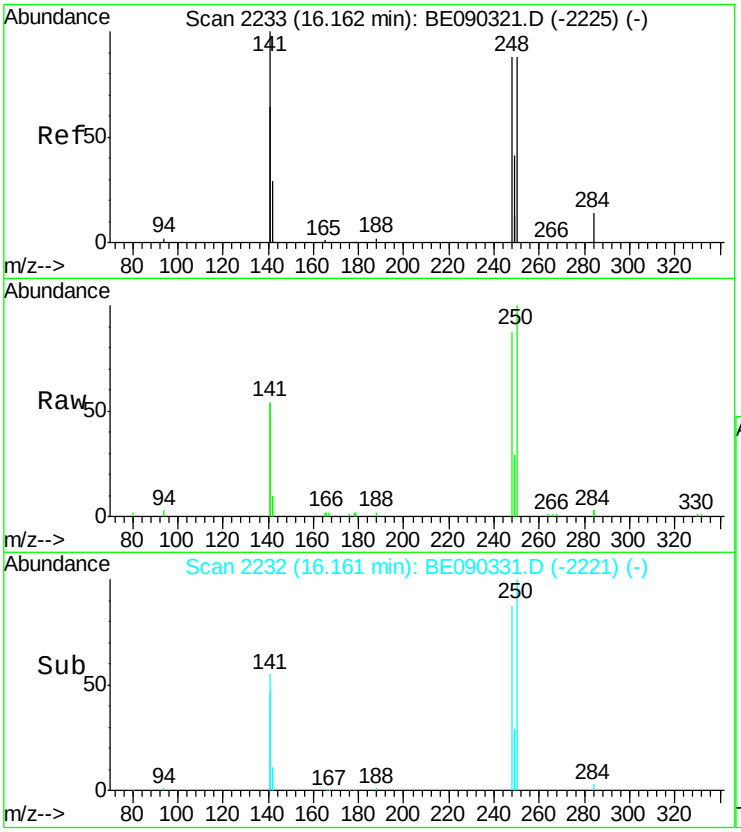


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:188 Resp: 39113

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.5	14.3
80	11.9	10.0	15.0

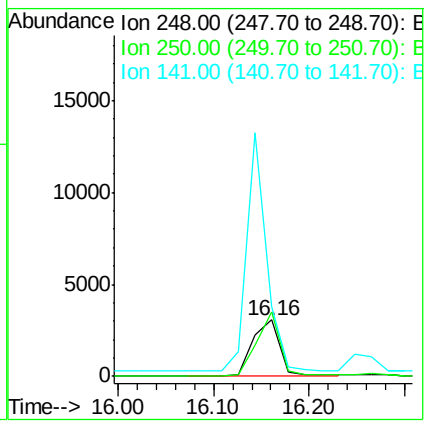




#19
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:248 Resp: 5790

Ion	Ratio	Lower	Upper
248	100		
250	98.5	74.0	111.0
141	323.8	258.9	388.3



Instrument :
BNA_E
ClientSampleId :
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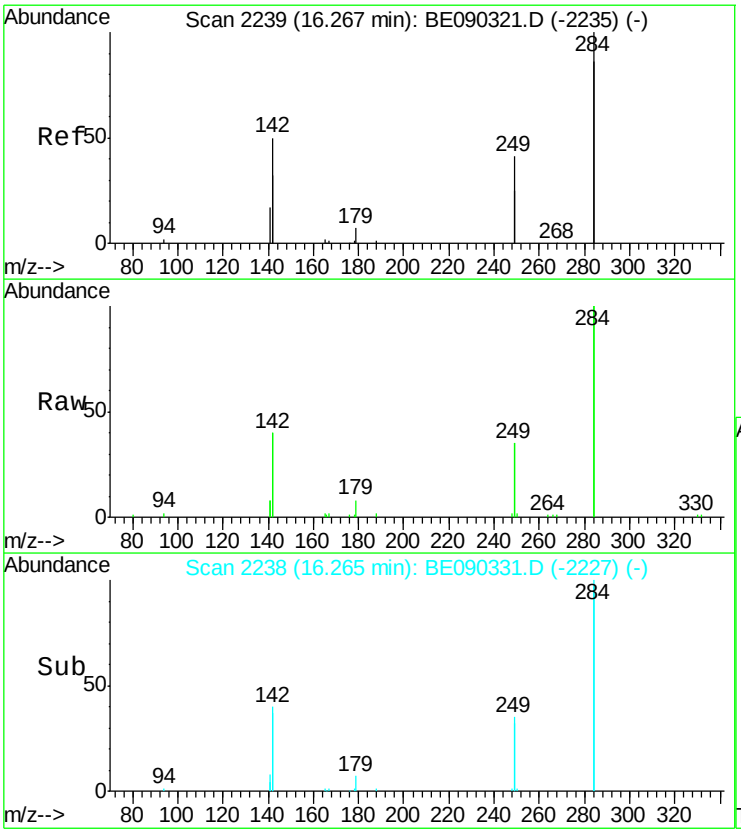
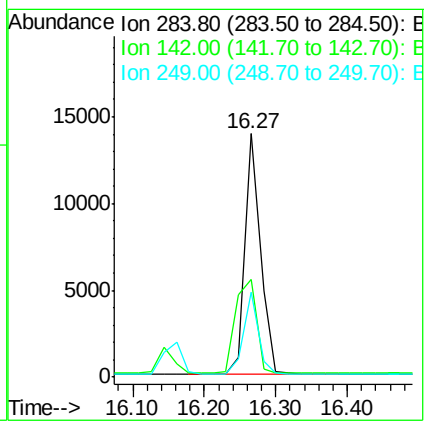
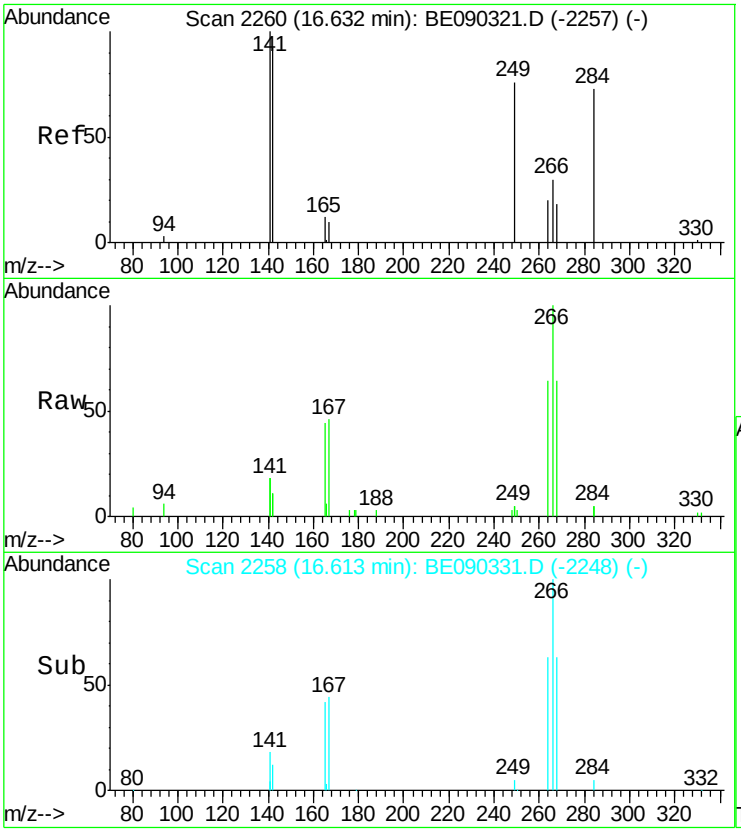


#20
Hexachlorobenzene
Concen: 3.73 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:284 Resp: 20749

Ion	Ratio	Lower	Upper
284	100		
142	52.0	44.2	66.4
249	32.1	26.4	39.6





#21
Pentachlorophenol
Concen: 7.88 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:266 Resp: 3804

Ion	Ratio	Lower	Upper
266	100		
268	64.2	66.2	99.2#
264	64.0	69.1	103.7#

Instrument :
BNA_E
ClientSampleId :
PB84826BS

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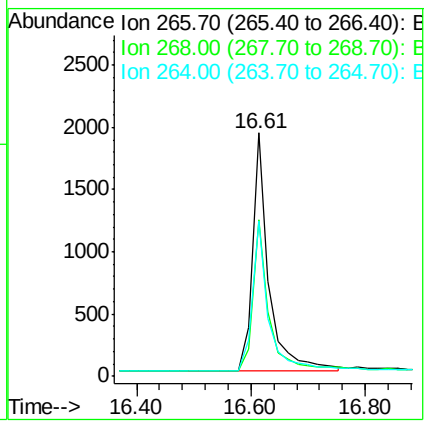
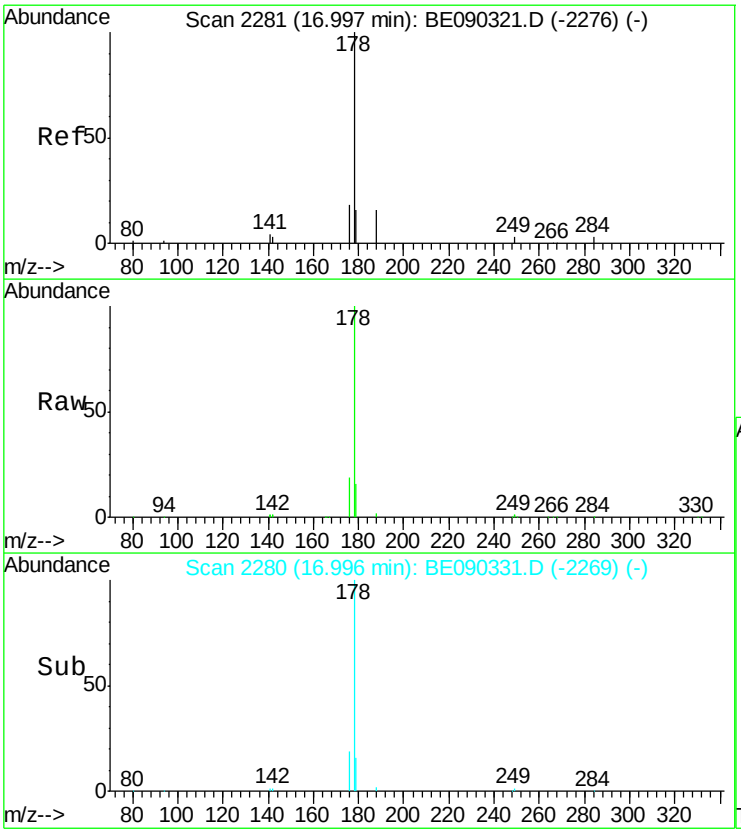
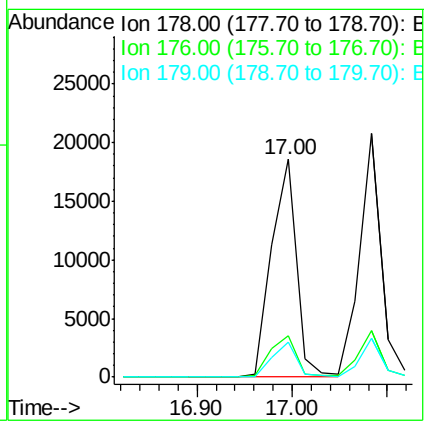


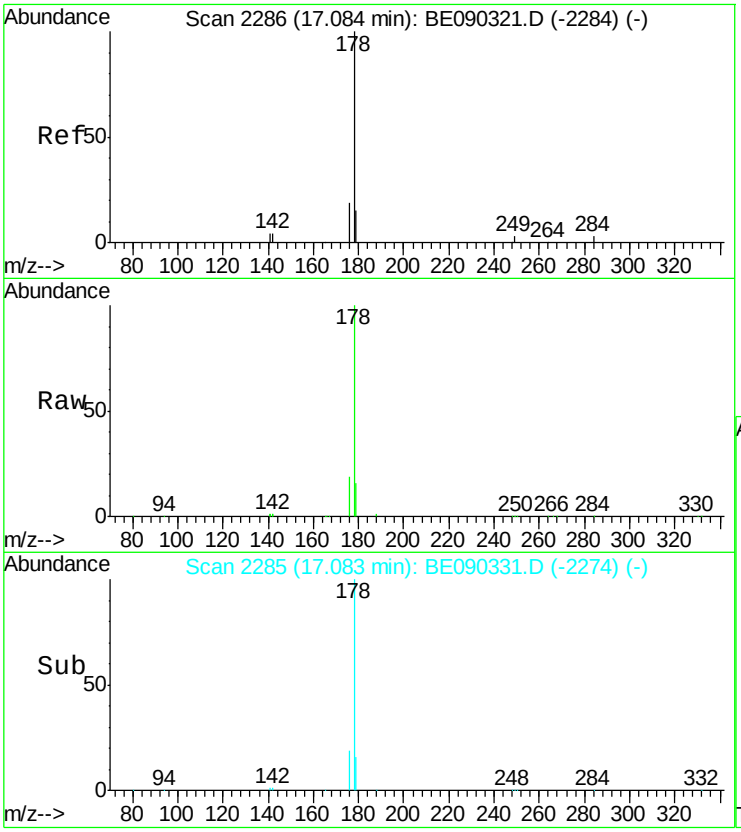


#22
Phenanthrene
Concen: 3.75 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:178 Resp: 33370

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.3	12.6	18.8

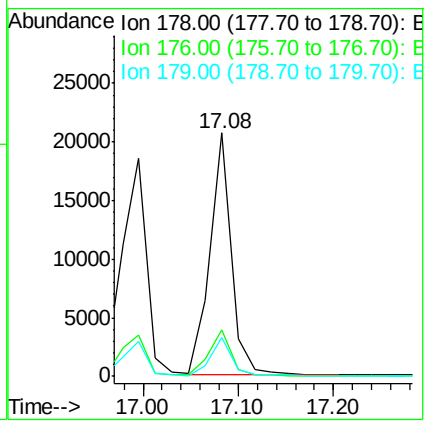




#23
Anthracene
Concen: 4.07 ng
RT: 17.08 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:178 Resp: 32398

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.4	12.1	18.1



Instrument :
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ClientSampleId :
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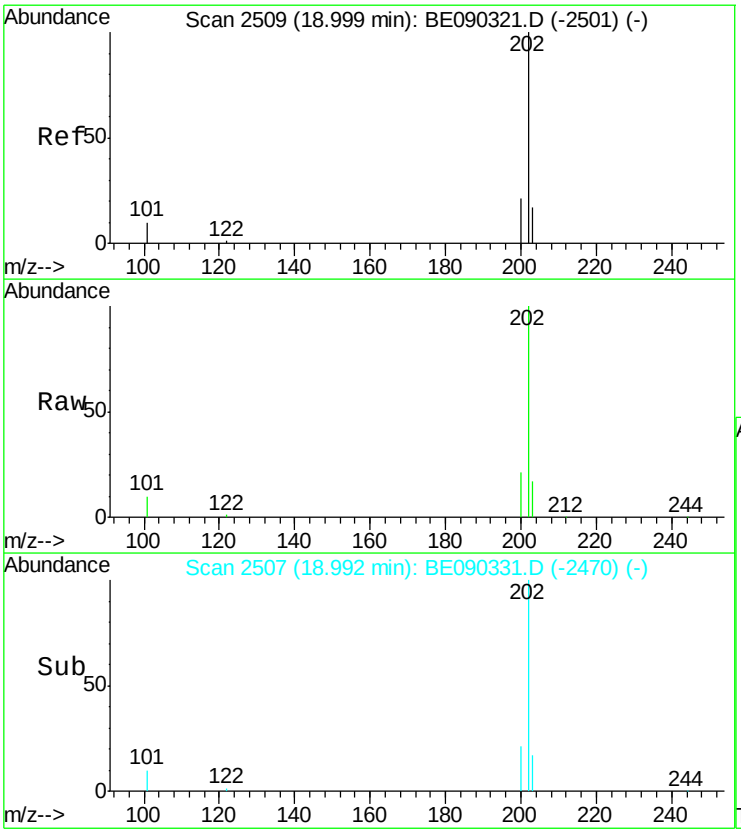
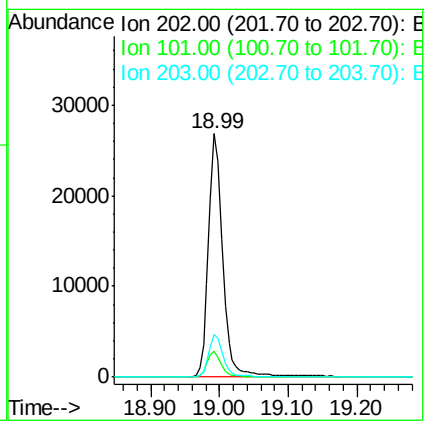
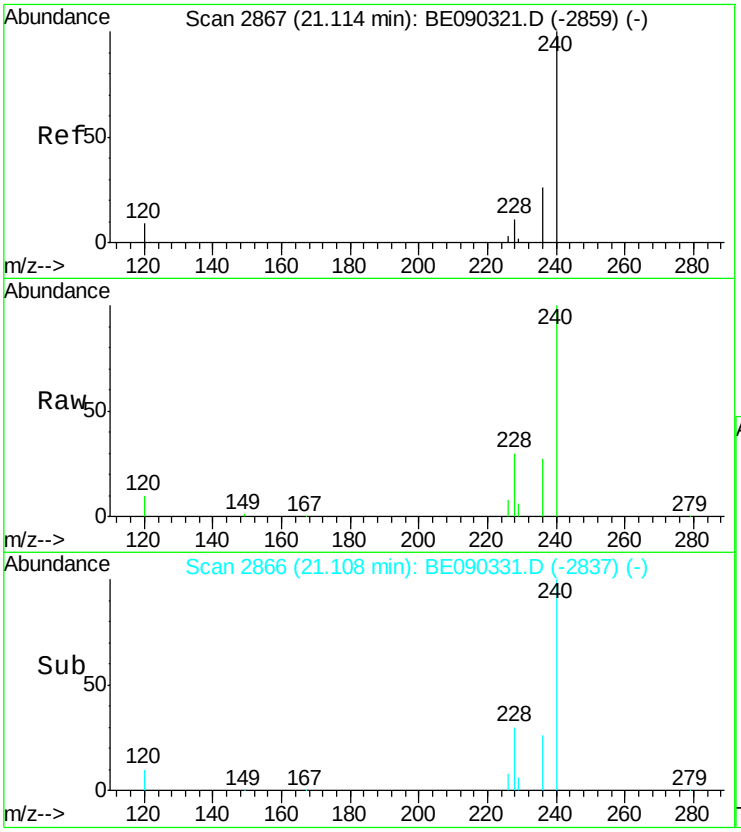


#24
Fluoranthene
Concen: 4.25 ng
RT: 18.99 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:202 Resp: 38050

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
203	17.3	13.8	20.8

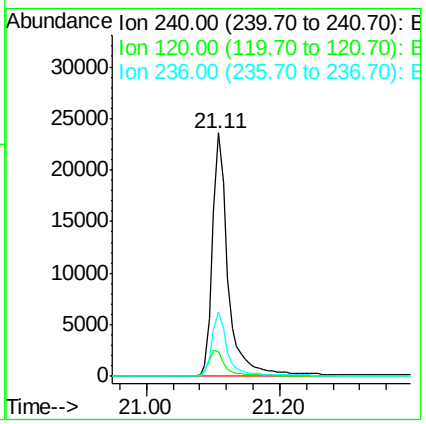




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:240 Resp: 37737

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.5	11.3
236	26.5	21.0	31.4



Instrument :
BNA_E
ClientSampleId :
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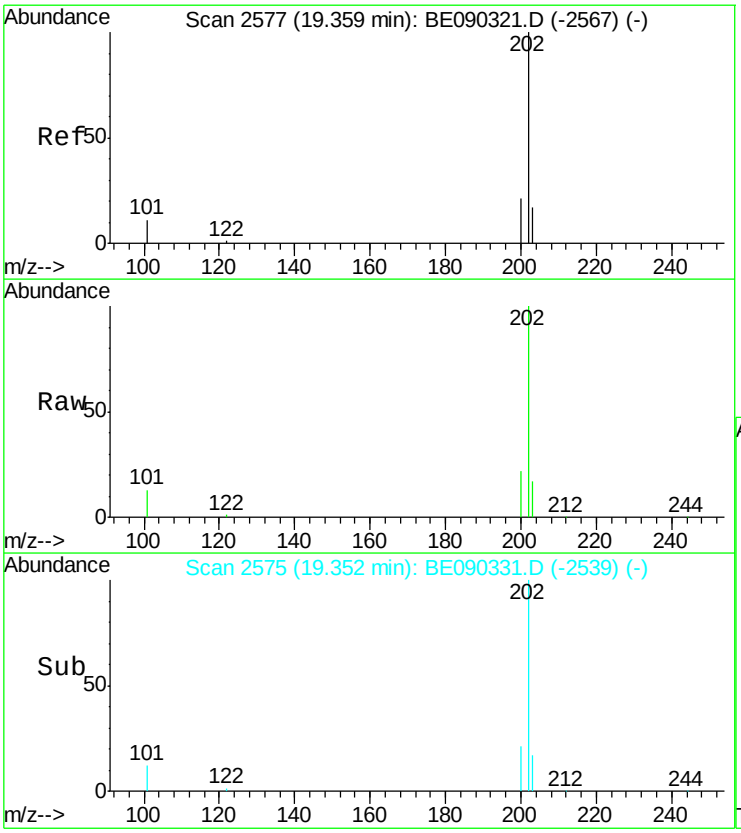
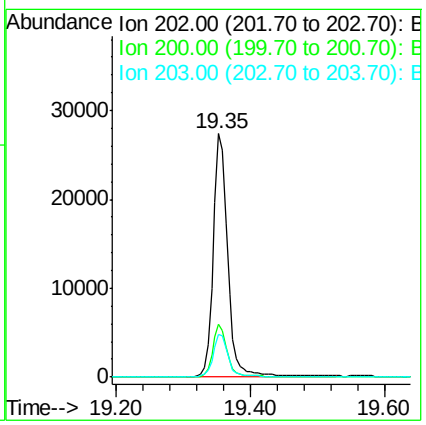
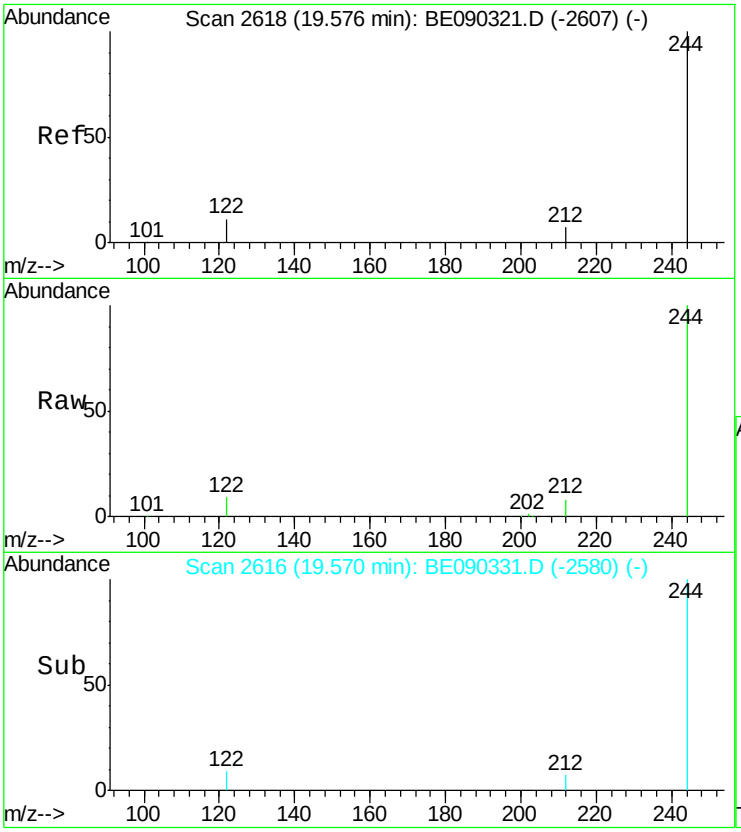


#26
Pyrene
Concen: 3.93 ng
RT: 19.35 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:202 Resp: 40081

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.9	13.8	20.6

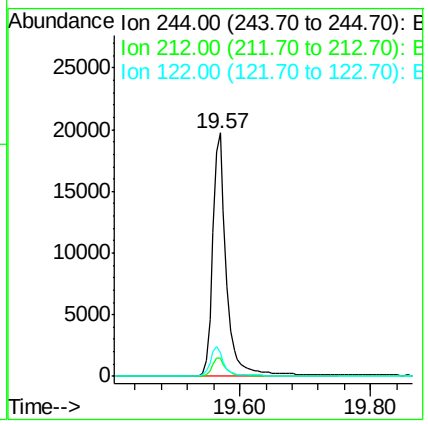




#27
Terphenyl-d14
Concen: 4.05 ng
RT: 19.57 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:244 Resp: 28600

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.2
122	9.5	10.4	15.6#



Instrument :
BNA_E
ClientSampleId :
PB84826BS

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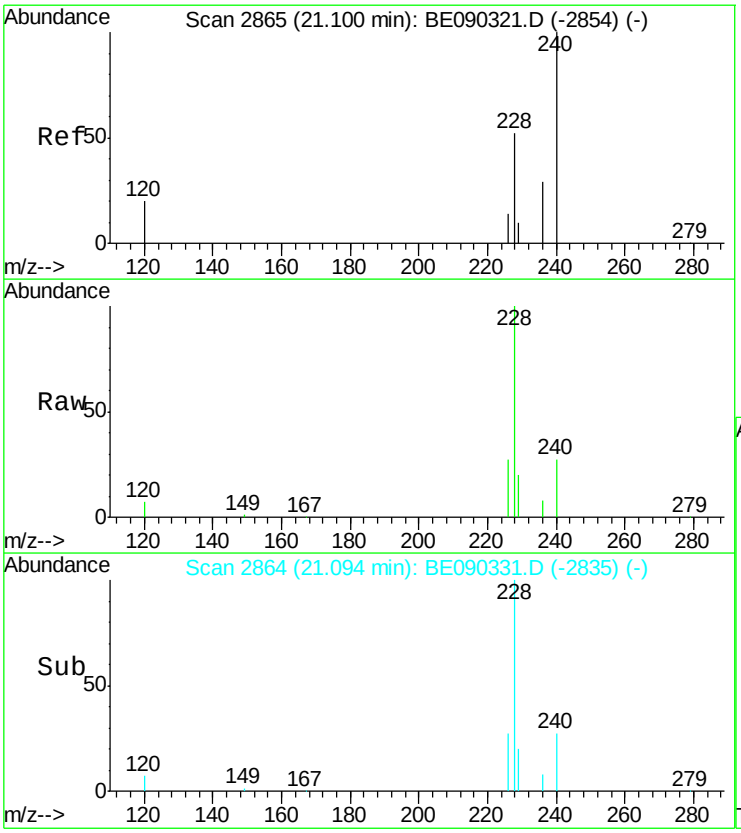
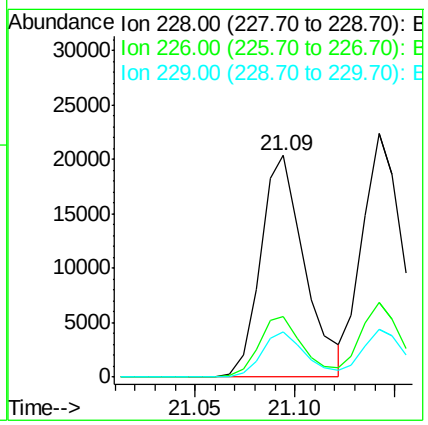
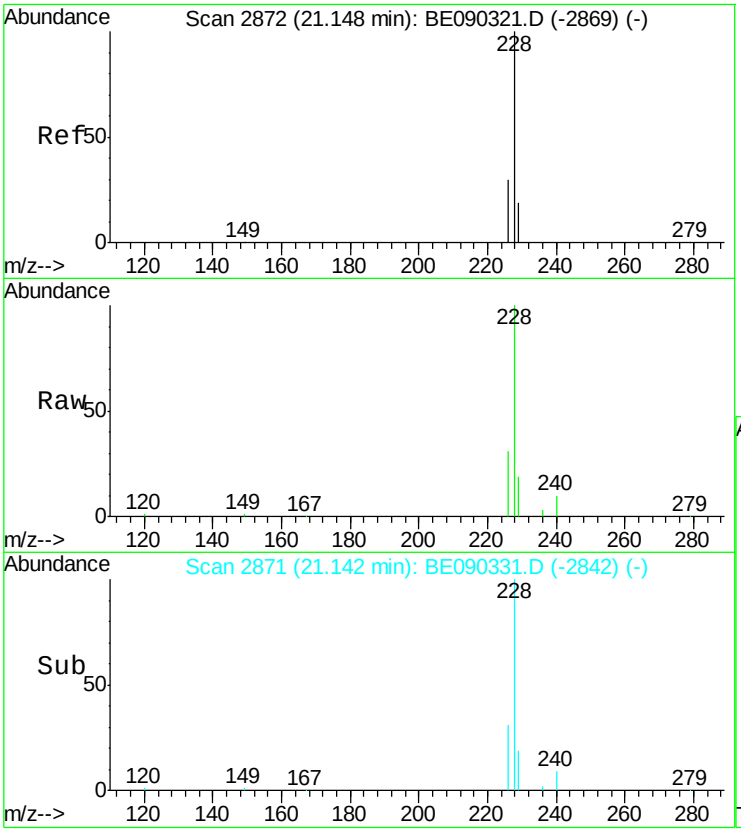


#28
Benzo(a)anthracene
Concen: 4.31 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:228 Resp: 30961

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.0	34.4
229	20.3	17.4	26.2





#29
Chrysene
Concen: 4.20 ng
RT: 21.14 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:228 Resp: 35946

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.4	16.6	25.0

Instrument :
BNA_E
ClientSampleId :
PB84826BS

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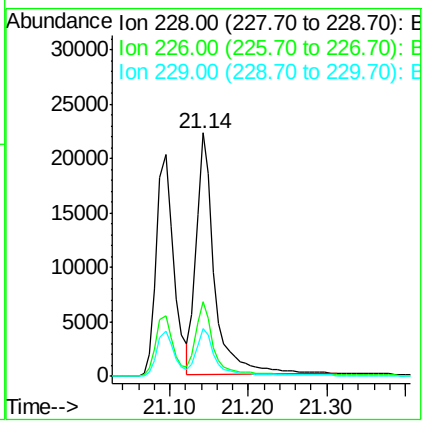
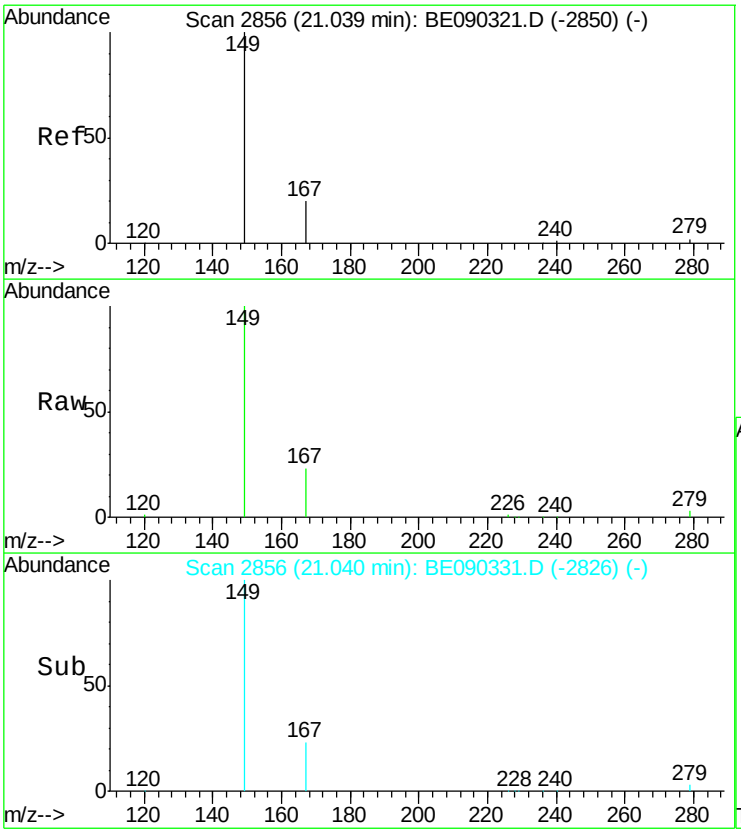
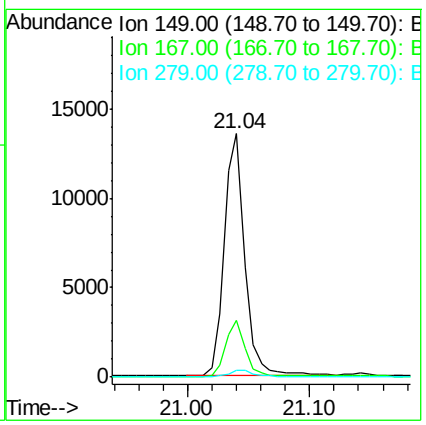


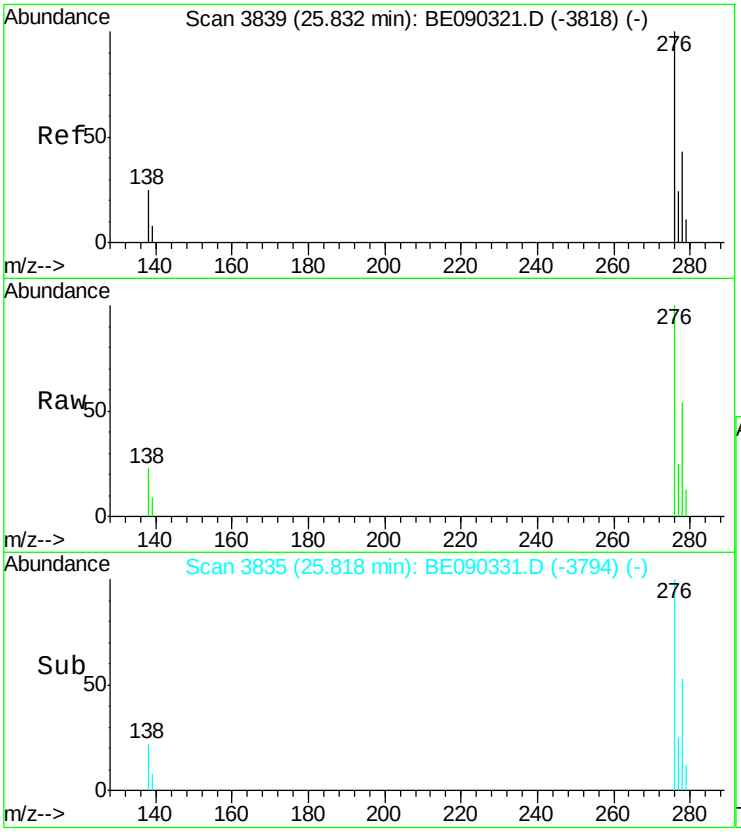


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.77 ng
RT: 21.04 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:149 Resp: 15682

Ion	Ratio	Lower	Upper
149	100		
167	22.5	16.6	24.8
279	2.8	2.7	4.1

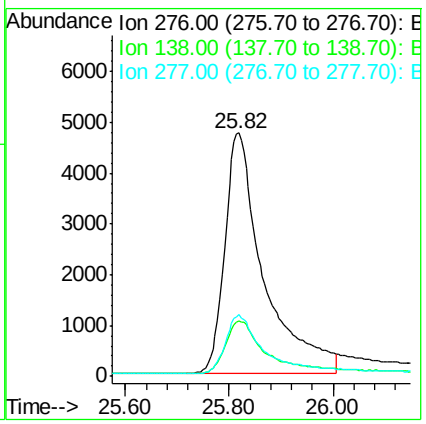




#31
Indeno(1,2,3-cd)pyrene
Concen: 4.79 ng
RT: 25.82 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:276 Resp: 24537

Ion	Ratio	Lower	Upper
276	100		
138	23.1	10.6	16.0#
277	24.5	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
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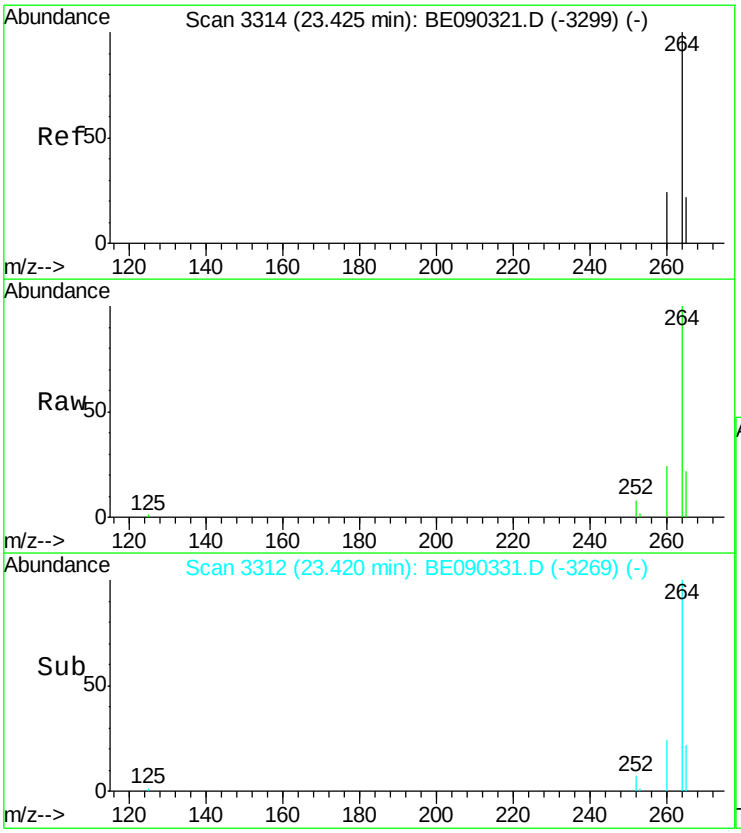
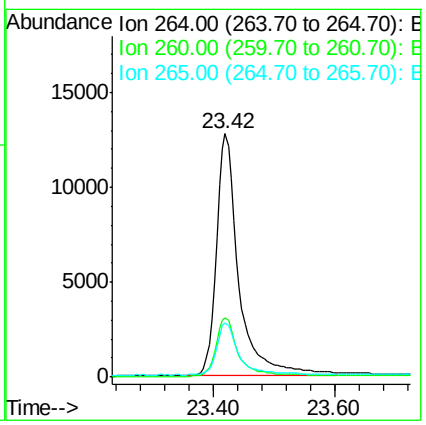
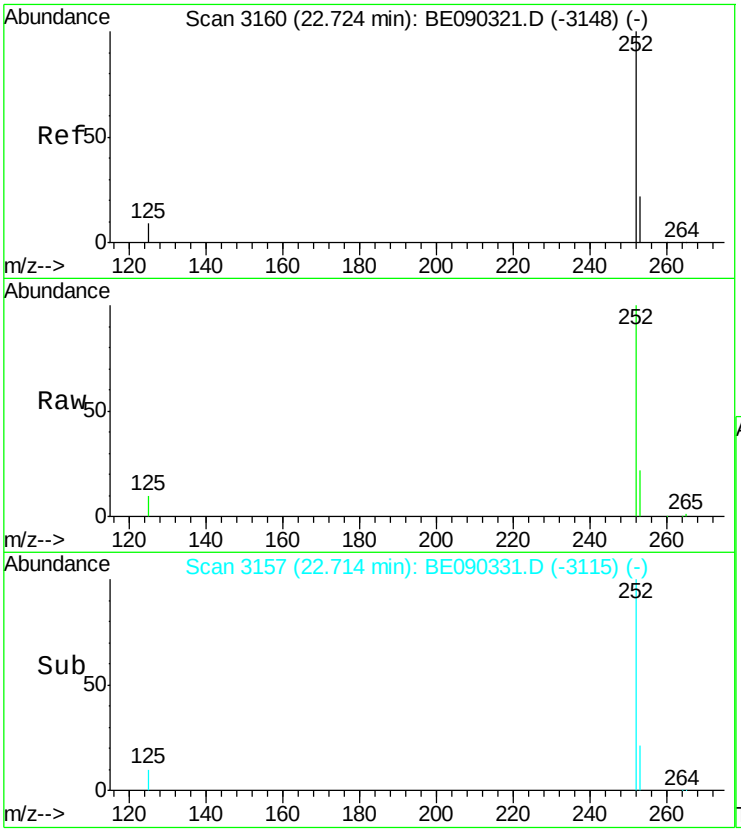


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.42 min Scan# 3312
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:264 Resp: 32709

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.1	30.1
265	22.3	18.6	28.0





#33
Benzo(b)fluoranthene
Concen: 3.88 ng
RT: 22.71 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:252 Resp: 23999

Ion	Ratio	Lower	Upper
252	100		
253	21.8	21.5	32.3
125	10.2	11.8	17.8#

Instrument :
BNA_E
ClientSampleId :
PB84826BS

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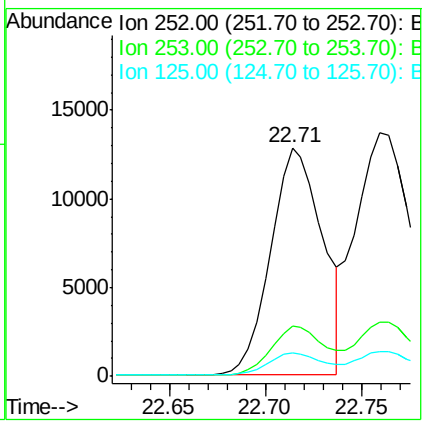
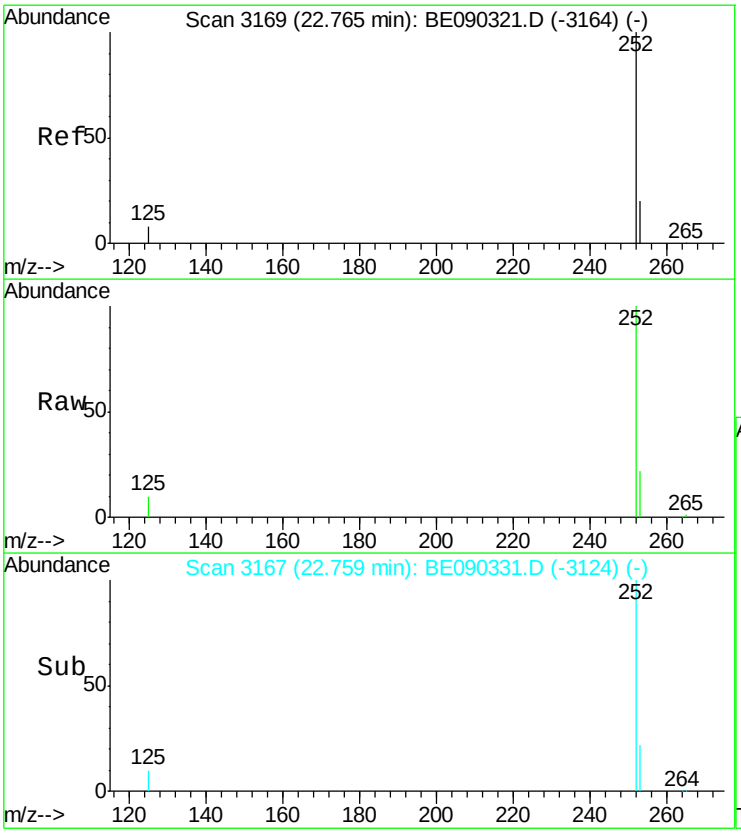
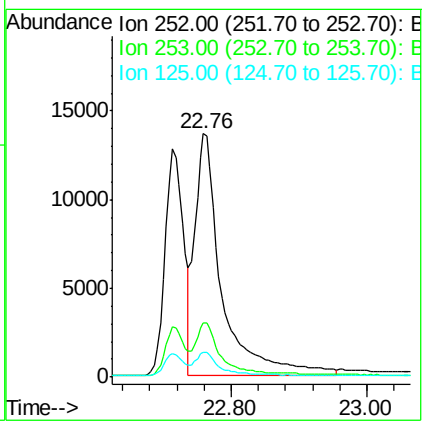


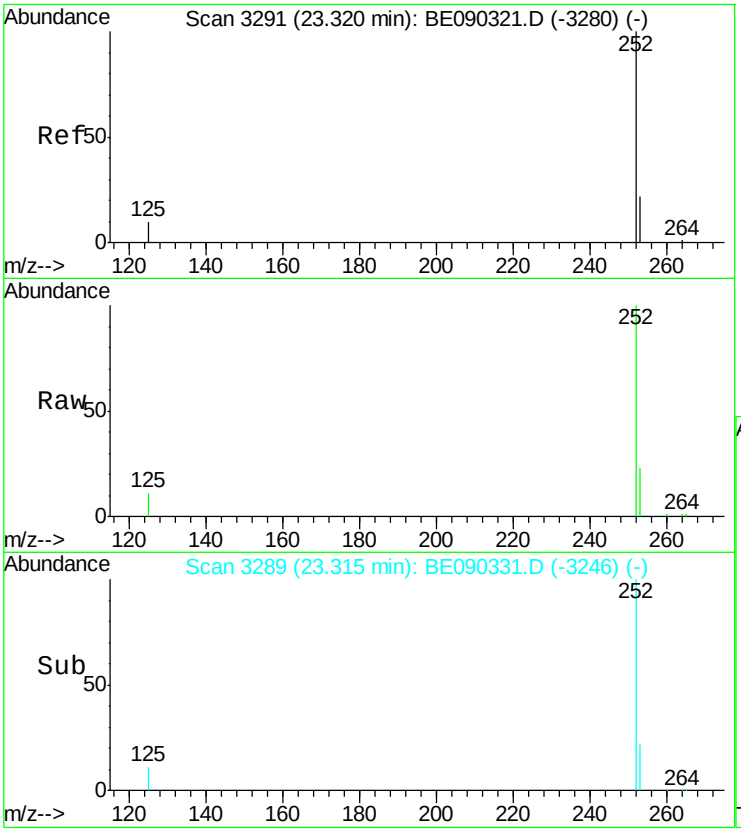


#34
Benzo(k)fluoranthene
Concen: 4.31 ng m
RT: 22.76 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:252 Resp: 38238

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.9	29.9
125	10.2	11.2	16.8#





#35
Benzo(a)pyrene
Concen: 4.11 ng
RT: 23.31 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:252 Resp: 23624

Ion	Ratio	Lower	Upper
252	100		
253	22.6	23.0	34.4#
125	11.3	14.2	21.2#

Instrument :
BNA_E
ClientSampleId :
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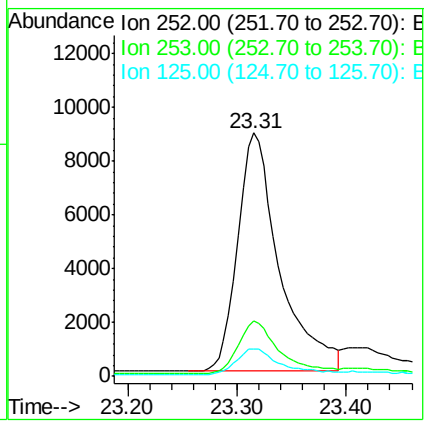
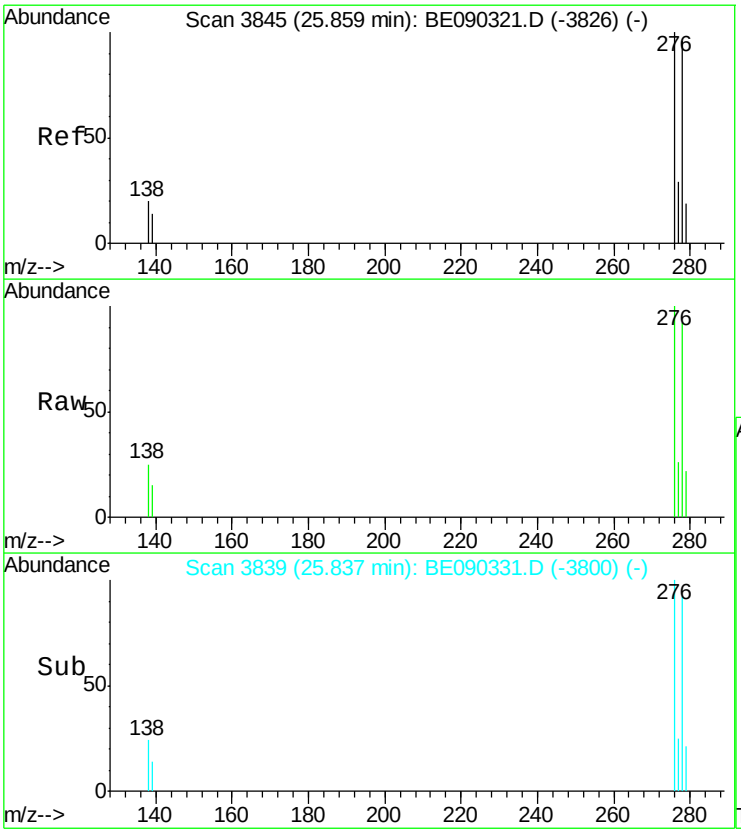
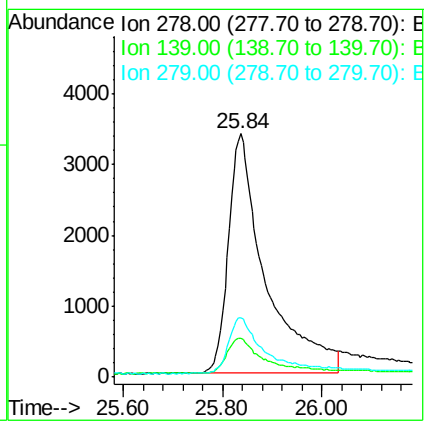


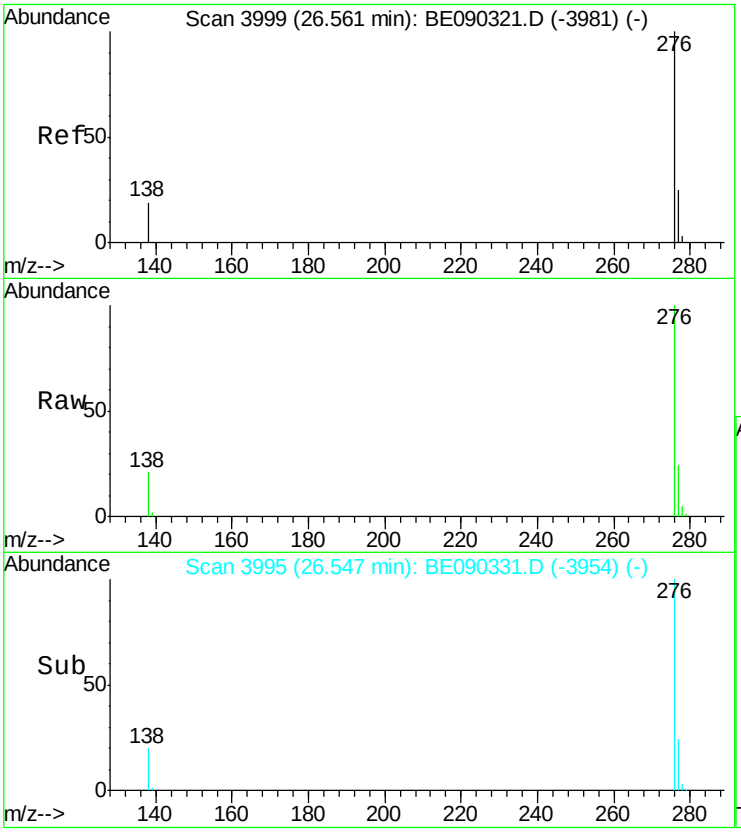


#36
Dibenzo(a,h)anthracene
Concen: 4.62 ng
RT: 25.84 min Scan# 3839
Delta R.T. -0.02 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:278 Resp: 17696

Ion	Ratio	Lower	Upper
278	100		
139	16.1	27.8	41.6#
279	24.4	30.9	46.3#

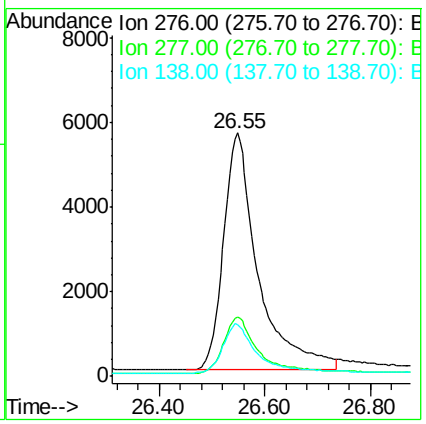




#37
Benzo(g,h,i)perylene
Concen: 4.22 ng
RT: 26.55 min Scan# 3995
Delta R.T. -0.01 min
Lab File: BE090331.D
Acq: 4 Aug 2015 4:26

Tgt Ion:276 Resp: 25420

Ion	Ratio	Lower	Upper
276	100		
277	24.4	25.6	38.4#
138	21.1	22.0	33.0#



Instrument :
BNA_E
ClientSampleId :
PB84826BS

Manual Integrations APPROVED
MMDadoda
8/4/2015 3:27:24 PM