Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090443.D
Acq On : 12 Aug 2015 00:13
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
MMDadoda
8/12/2015 3:55:42 PM

Quant Time: Aug 12 05:46:15 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22410	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	104472	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	61941	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	143309	5.00	ng		0.00
25) Chrysene-d12	21.09	240	164982	5.00	ng		0.00
32) Perylene-d12	23.40	264	147093	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	4714	1.40	ng		0.00
5) Phenol-d6	6.77	99	7189	1.20	ng		0.00
7) Nitrobenzene-d5	8.73	82	7272	1.02	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	1614	1.46	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	17895	1.05	ng		0.00
27) Terphenyl-d14	19.55	244	27168	1.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	2873	0.97	ng		97
3) n-Nitrosodimethylamine	3.49	42	3520	1.02	ng	#	79
8) Nitrobenzene	8.77	77	7615	1.01	ng		100
9) Naphthalene	10.39	128	23486	1.02	ng		99
10) Hexachlorobutadiene	10.68	225	4010	1.09	ng		100
11) 2-Methylnaphthalene	12.01	142	14651	1.10	ng		98
15) Acenaphthylene	13.91	152	105507	1.05	ng		100
16) Acenaphthene	14.26	154	15793	1.01	ng		91
17) Fluorene	15.26	166	20846	1.03	ng		97
19) 4-Bromophenyl-phenylether	16.14	248	5741	1.03	ng		92
20) Hexachlorobenzene	16.27	284	27008	0.94	ng		100
21) Pentachlorophenol	16.61	266	1214	1.24	ng		96
22) Phenanthrene	16.98	178	37019	1.03	ng		100
23) Anthracene	17.07	178	32877	1.12	ng		99
24) Fluoranthene	18.98	202	37727	1.07	ng		99
26) Pyrene	19.34	202	39247	1.10	ng		100
28) Benzo(a)anthracene	21.08	228	38769	1.06	ng		99
29) Chrysene	21.13	228	44475m	1.01	ng		
30) Bis(2-ethylhexyl)phthalate	21.03	149	10623	1.21	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	33468	1.05	ng		95
33) Benzo(b)fluoranthene	22.70	252	30875	1.09	ng		99
34) Benzo(k)fluoranthene	22.74	252	38764m	0.95	ng		
35) Benzo(a)pyrene	23.29	252	27226	1.05	ng		99
36) Dibenzo(a,h)anthracene	25.80	278	25543	1.07	ng		98
37) Benzo(g,h,i)perylene	26.51	276	28857	1.06	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090443.D
Acq On : 12 Aug 2015 00:13
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 05:46:15 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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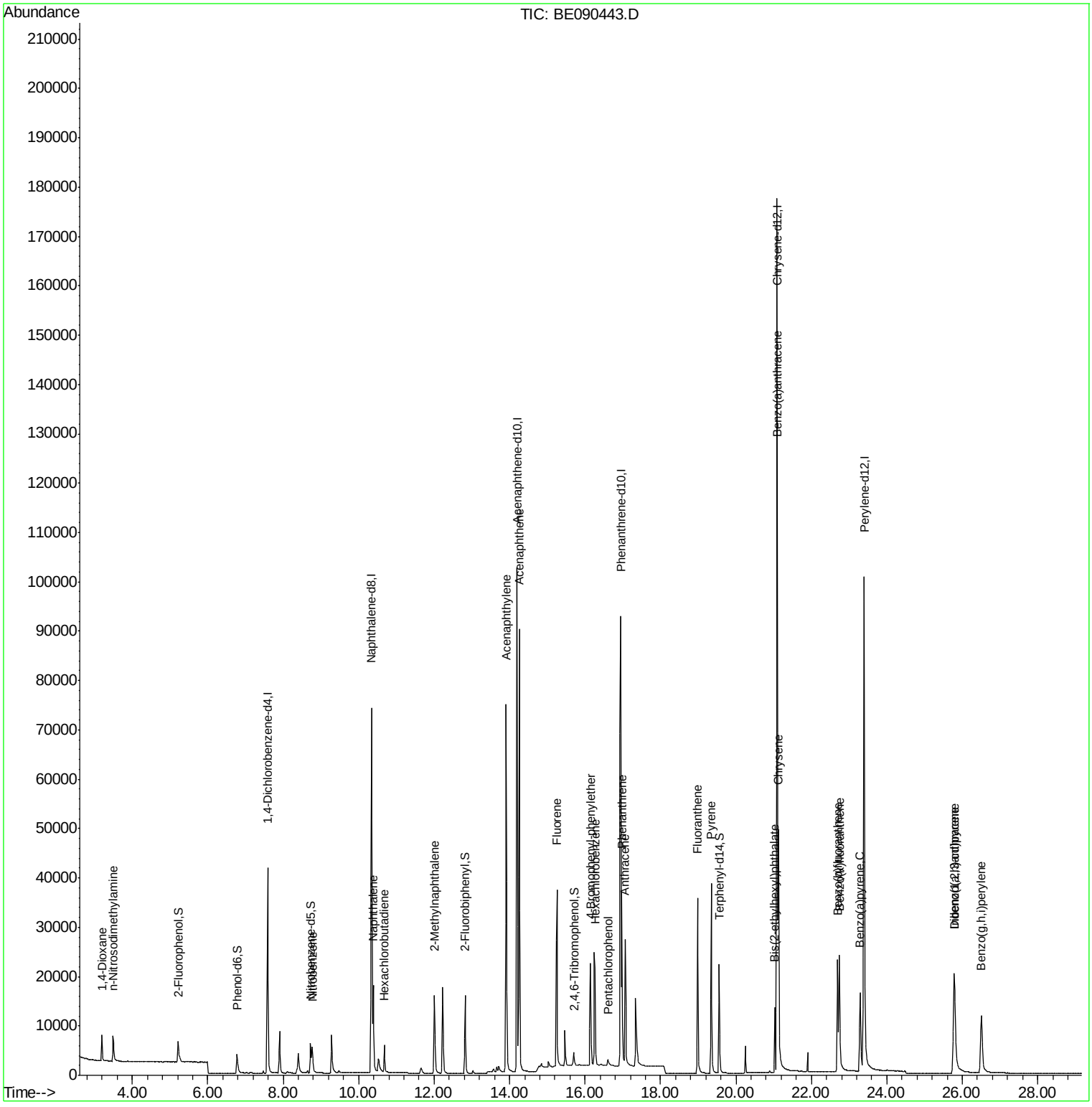
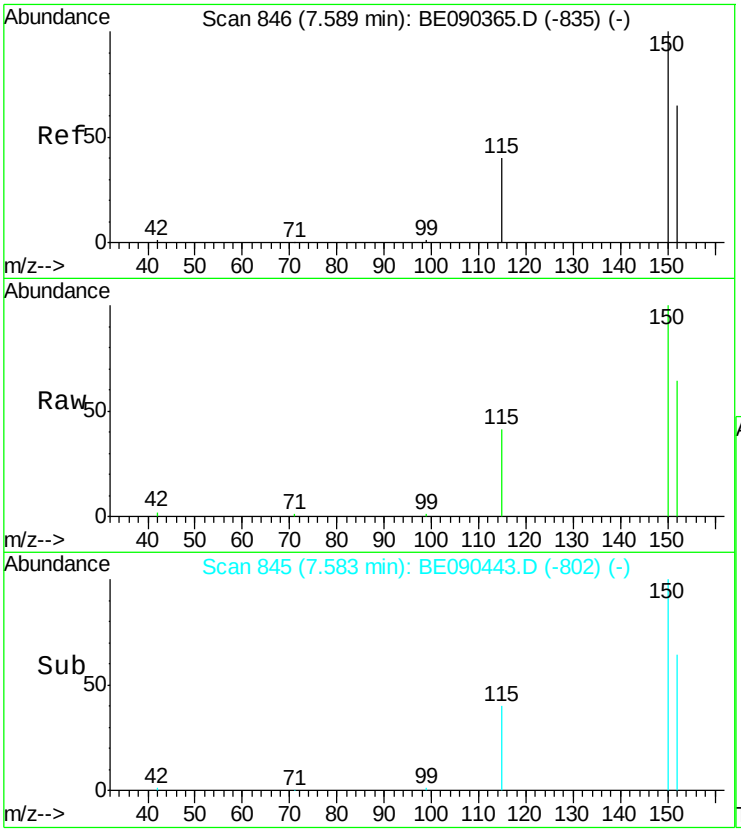
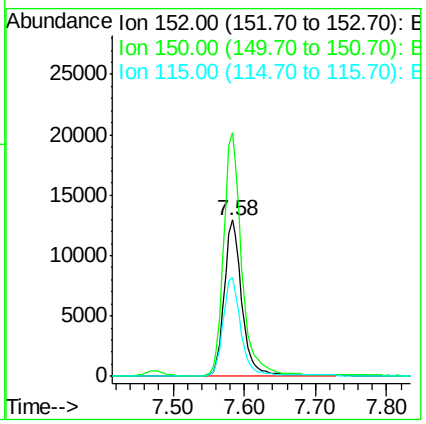




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:152 Resp: 22410

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.4
115	63.1	48.9	73.3



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

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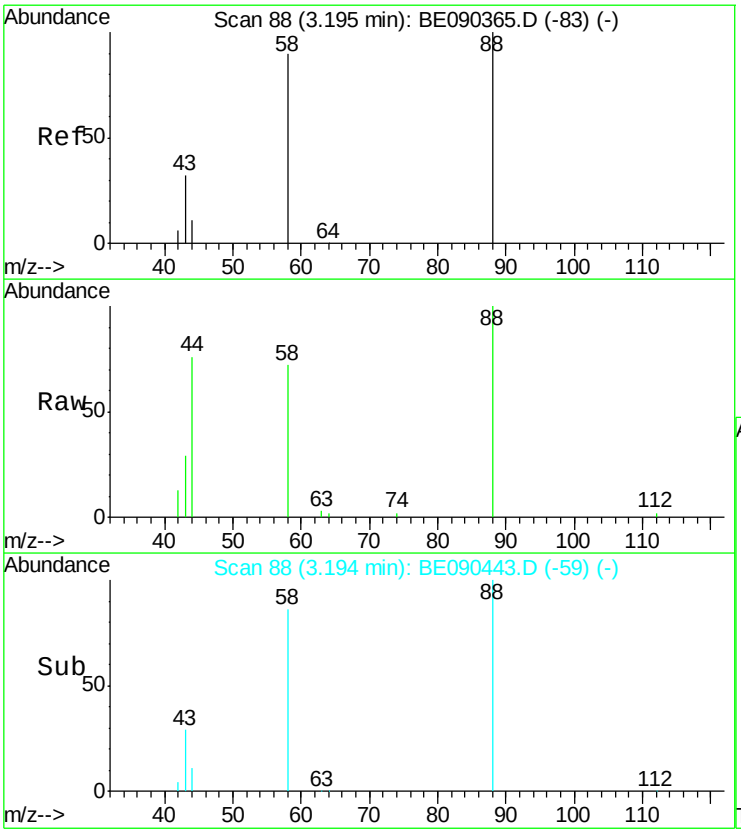
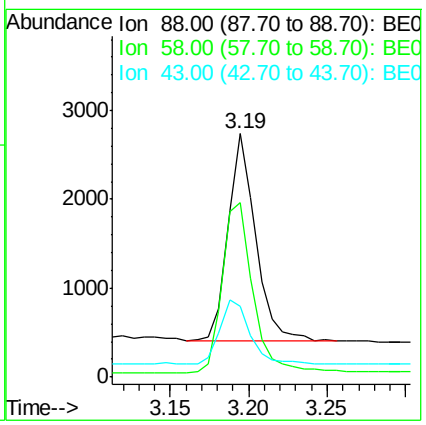
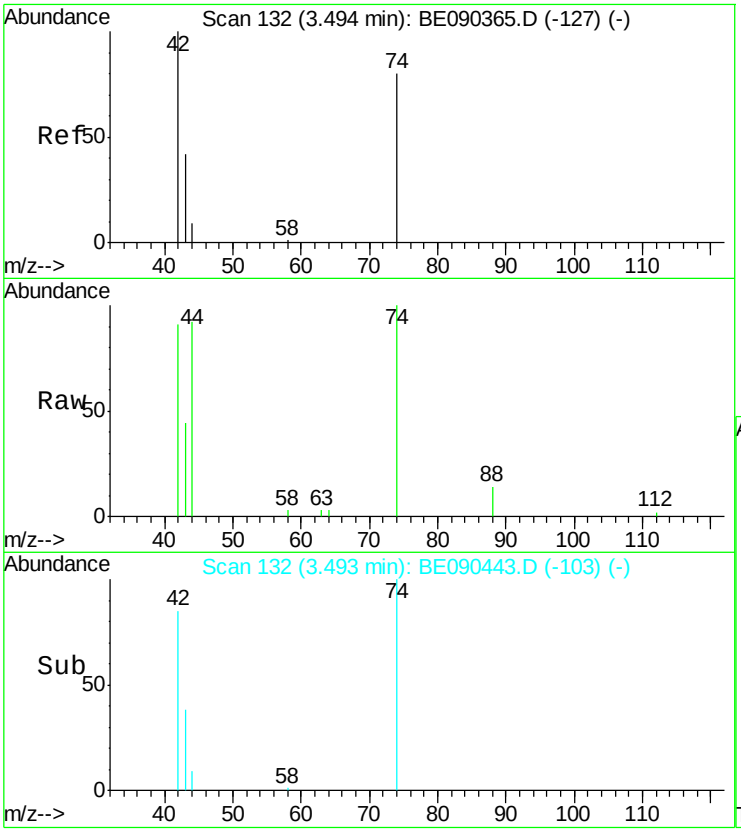


#2
1,4-Dioxane
Concen: 0.97 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion: 88 Resp: 2873

Ion	Ratio	Lower	Upper
88	100		
58	90.8	70.0	105.0
43	34.4	28.4	42.6





#3
n-Nitrosodimethylamine
Concen: 1.02 ng
RT: 3.49 min Scan# 132
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion: 42 Resp: 3520

Ion	Ratio	Lower	Upper
42	100		
74	115.8	75.2	112.8#
44	8.9	8.7	13.1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

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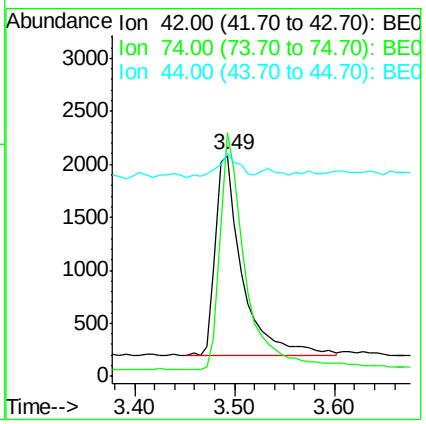
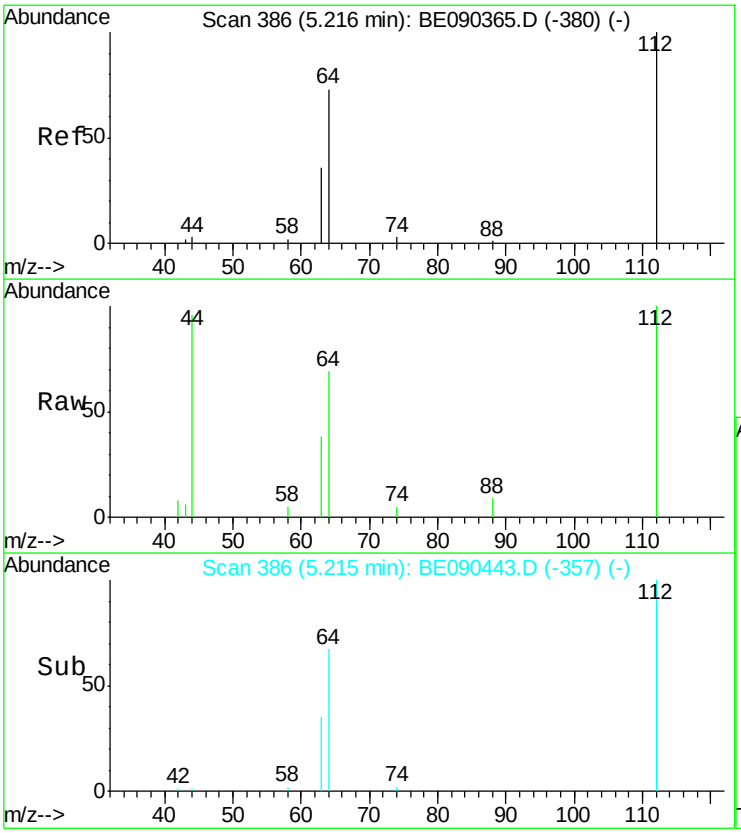
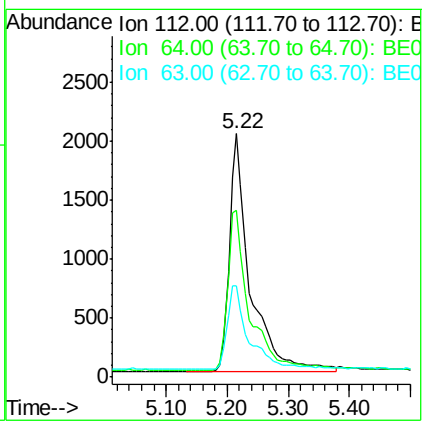


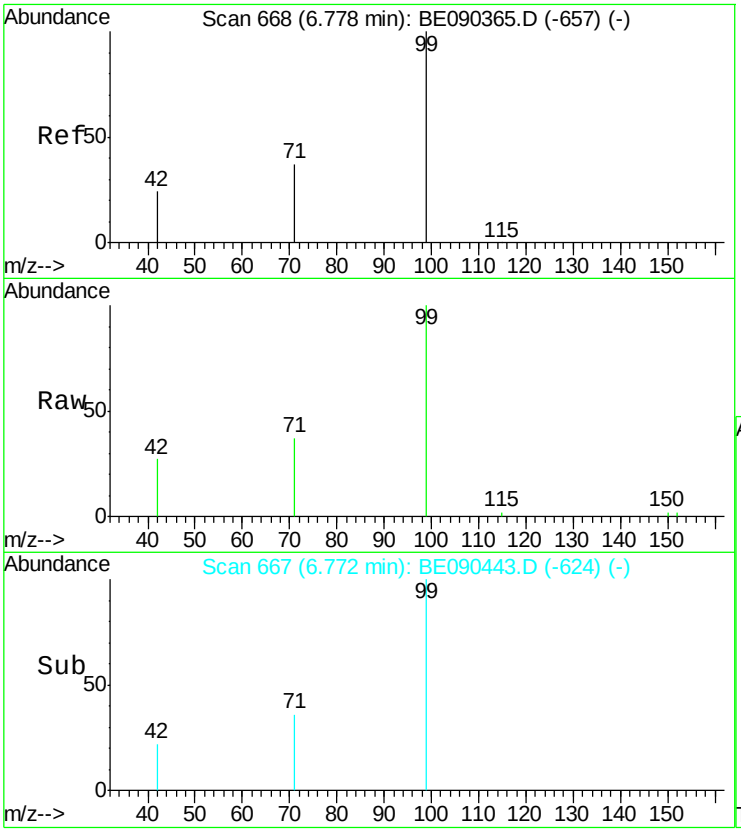


#4
2-Fluorophenol
Concen: 1.40 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:112 Resp: 4714

Ion	Ratio	Lower	Upper
112	100		
64	69.6	37.1	55.7#
63	36.4	19.5	29.3#

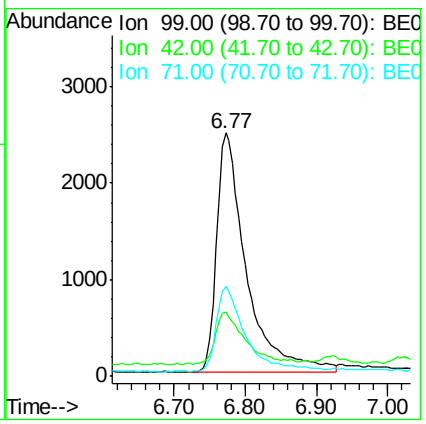




#5
Phenol-d6
Concen: 1.20 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion: 99 Resp: 7189

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.2	27.4
71	35.3	27.4	41.0



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

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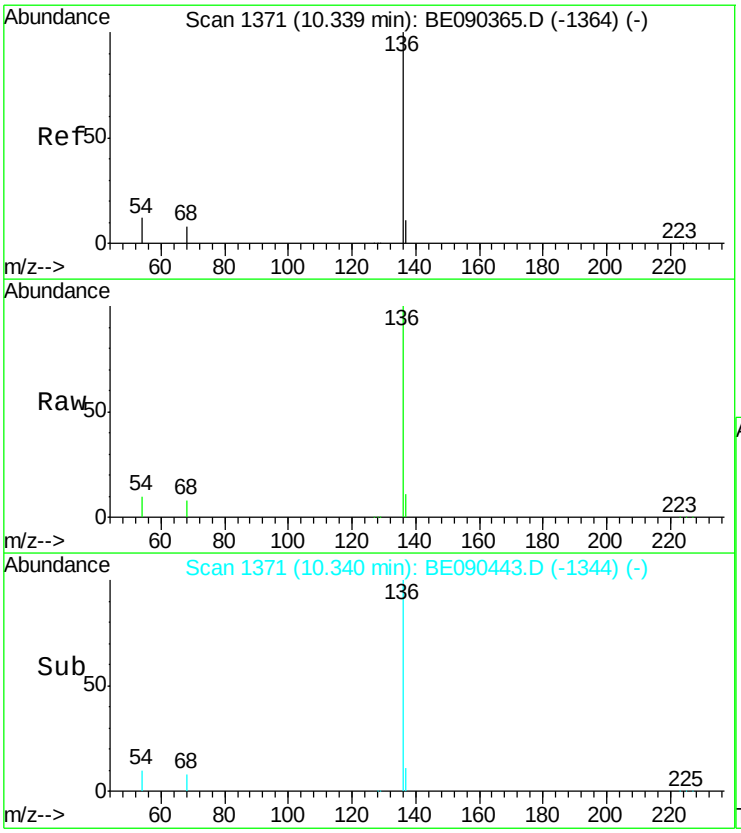
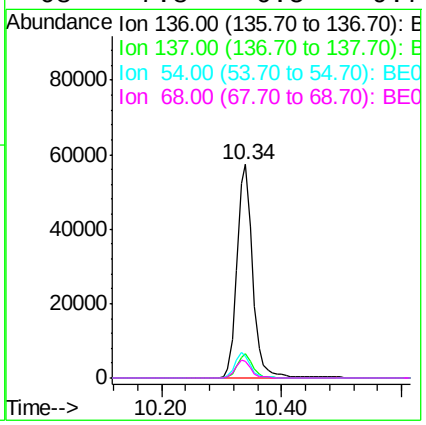
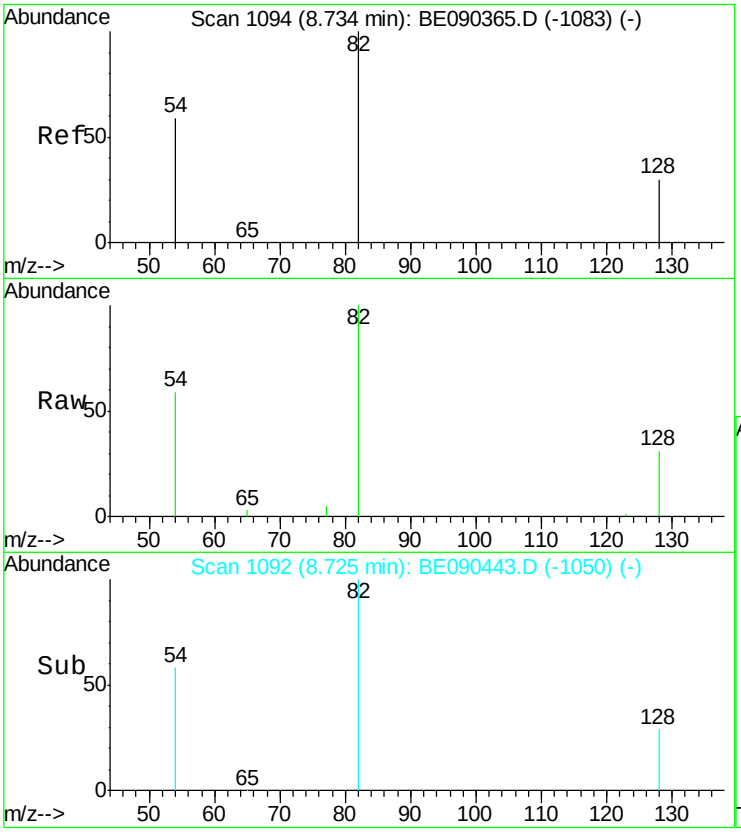


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:136 Resp: 104472

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.4	9.4	14.0
68	7.8	6.5	9.7

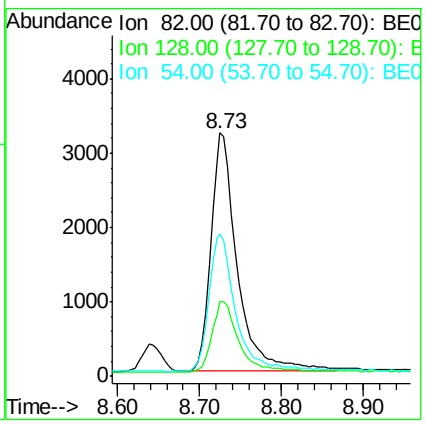




#7
Nitrobenzene-d5
Concen: 1.02 ng
RT: 8.73 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion: 82 Resp: 7272

Ion	Ratio	Lower	Upper
82	100		
128	30.6	25.0	37.6
54	58.7	48.8	73.2



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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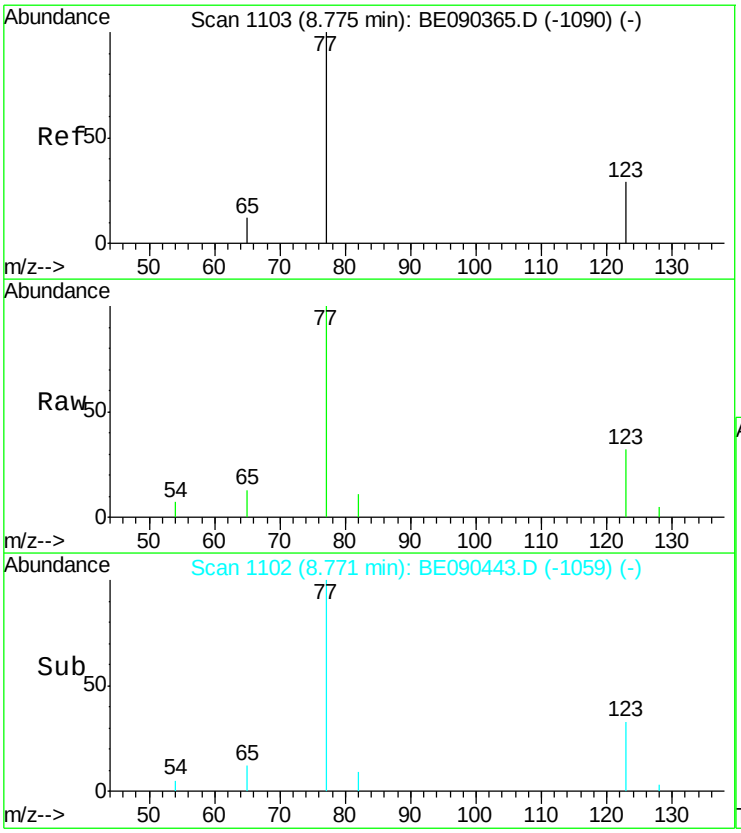
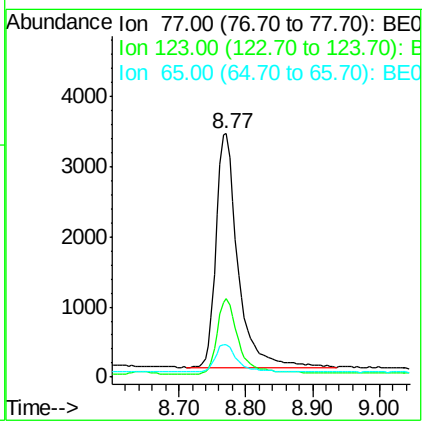
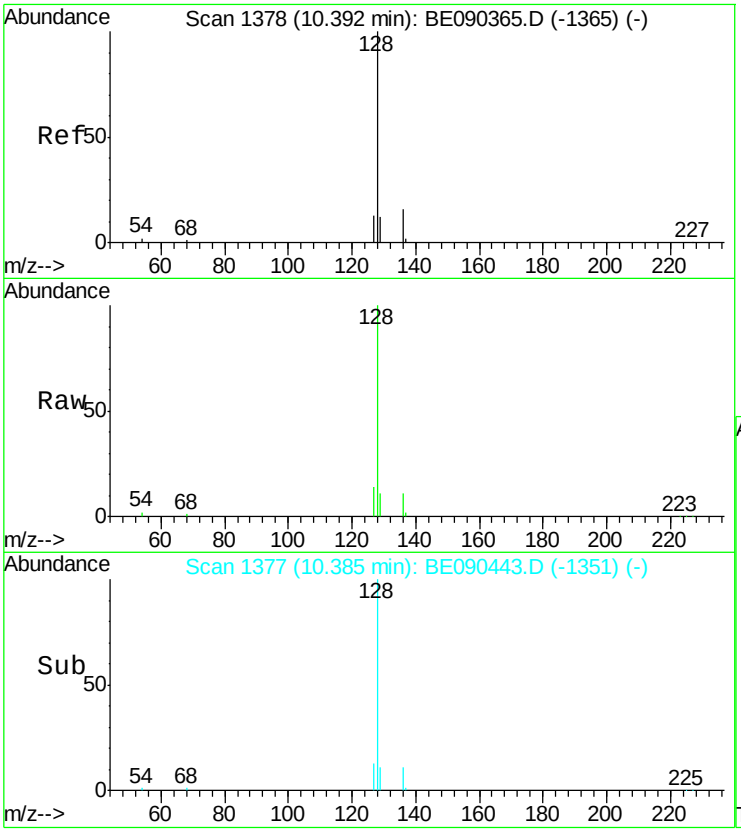


#8
Nitrobenzene
Concen: 1.01 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion: 77 Resp: 7615

Ion	Ratio	Lower	Upper
77	100		
123	31.5	25.1	37.7
65	11.7	9.3	13.9





#9
Naphthalene
Concen: 1.02 ng
RT: 10.39 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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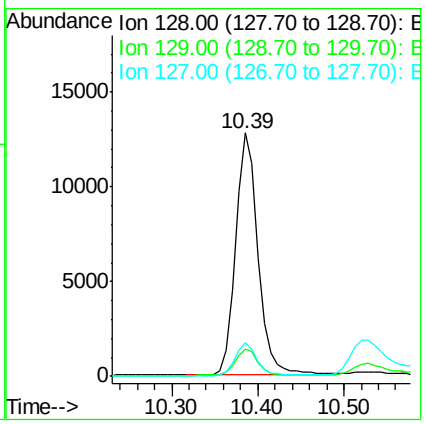
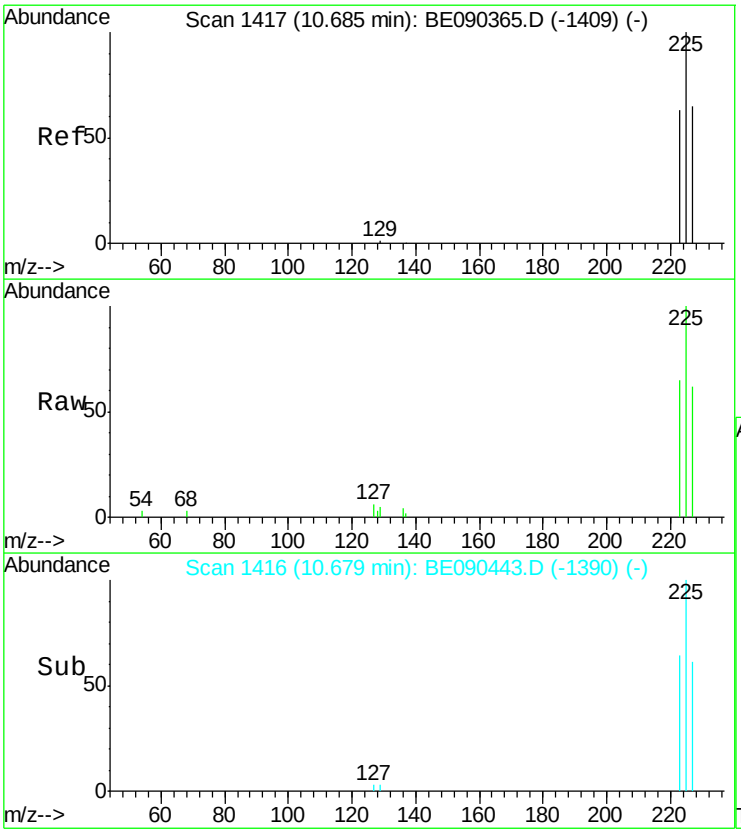
Tgt Ion:128 Resp: 23486

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	13.6	10.6	16.0

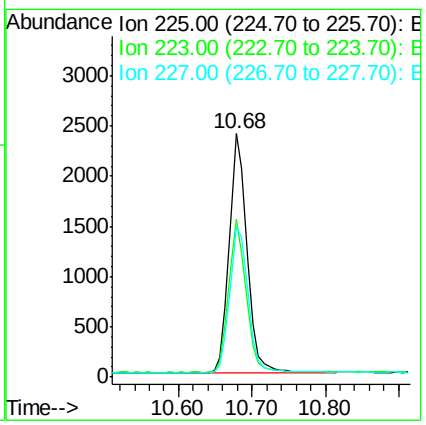


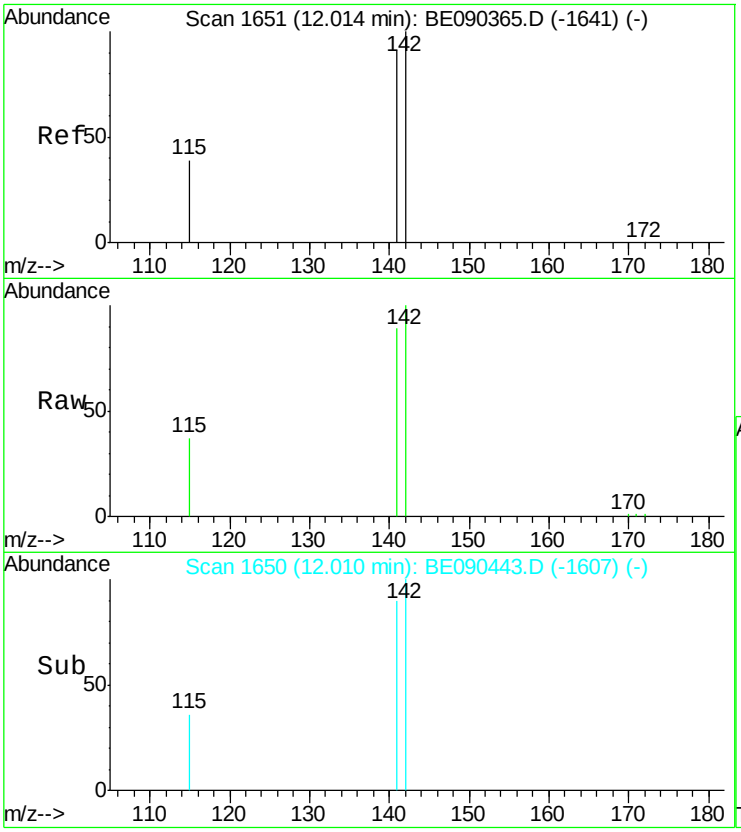


#10
Hexachlorobutadiene
Concen: 1.09 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:225 Resp: 4010

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	63.1	50.7	76.1

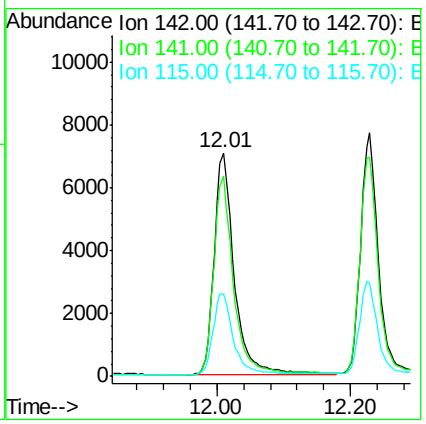




#11
2-Methylnaphthalene
Concen: 1.10 ng
RT: 12.01 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:142 Resp: 14651

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	109.0
115	36.8	31.6	47.4



Instrument :
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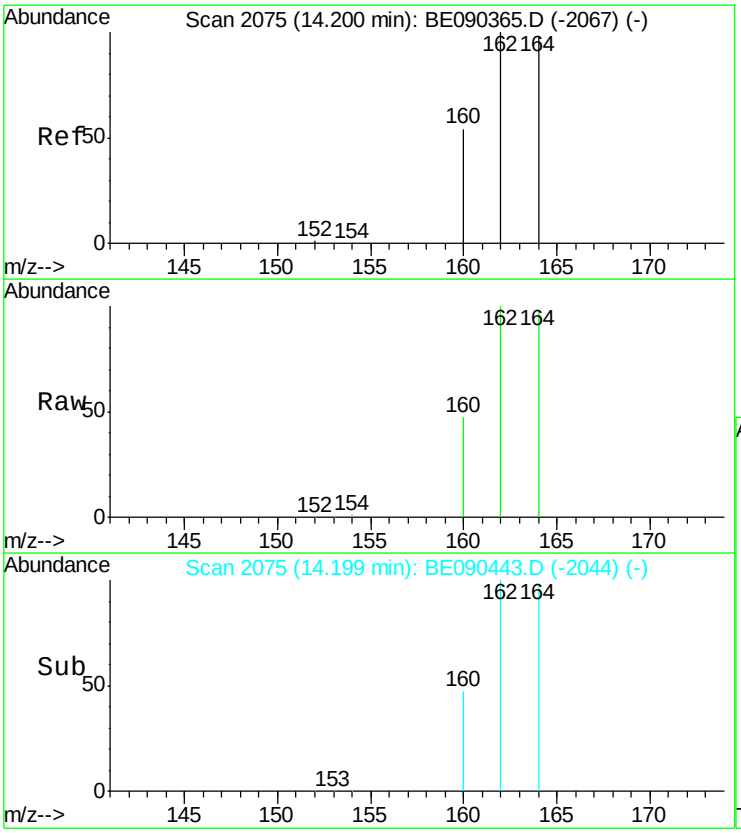
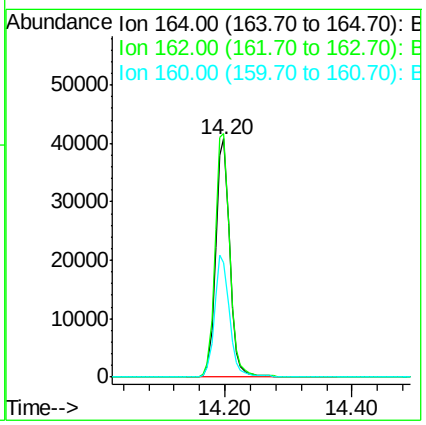
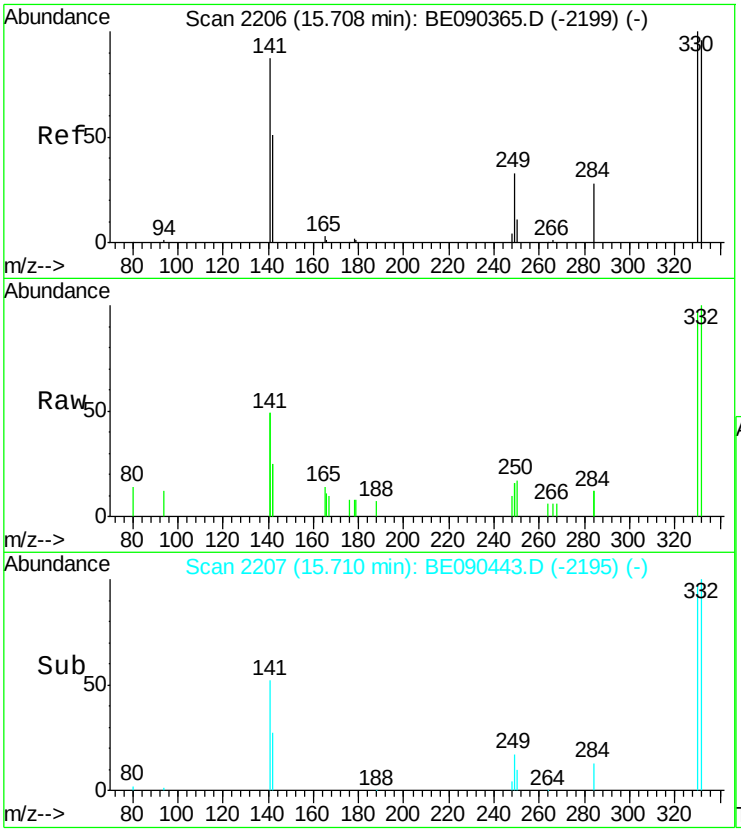


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:164 Resp: 61941

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	48.2	44.2	66.4

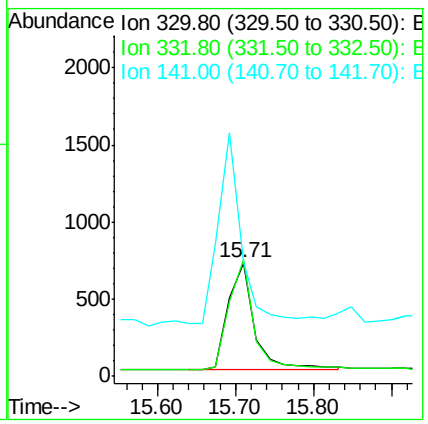




#13
2,4,6-Tribromophenol
Concen: 1.46 ng
RT: 15.71 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:330 Resp: 1614

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.8	113.6
141	165.4	114.4	171.6



Instrument :
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ClientSampleId :
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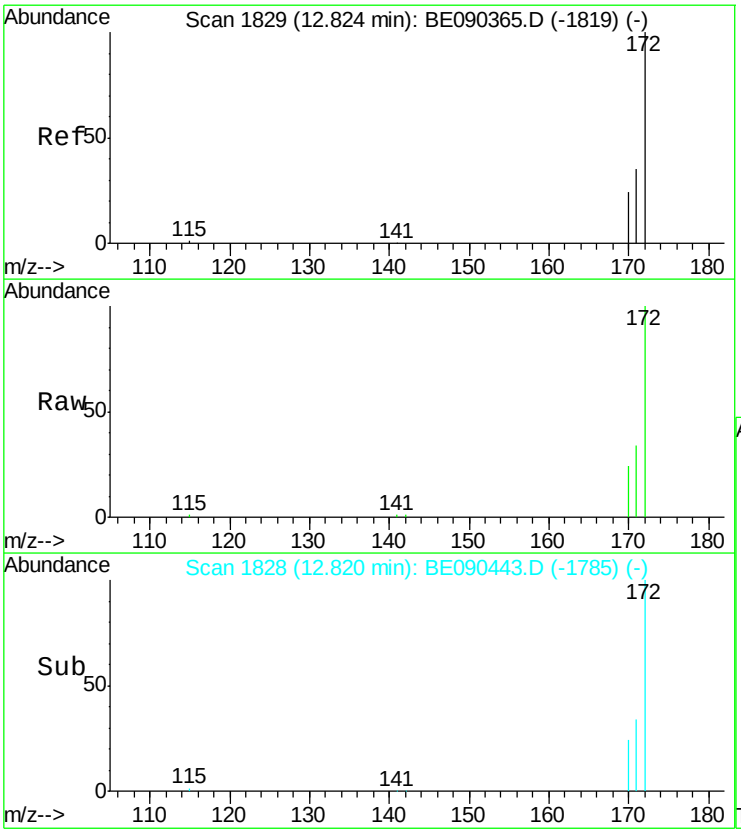
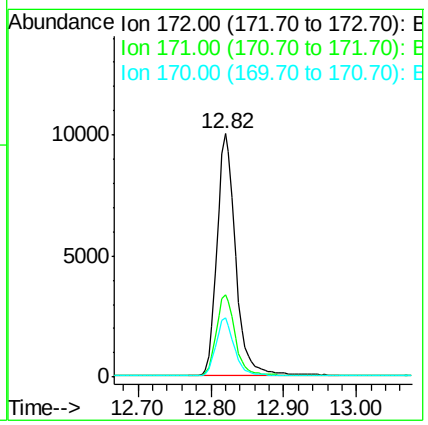
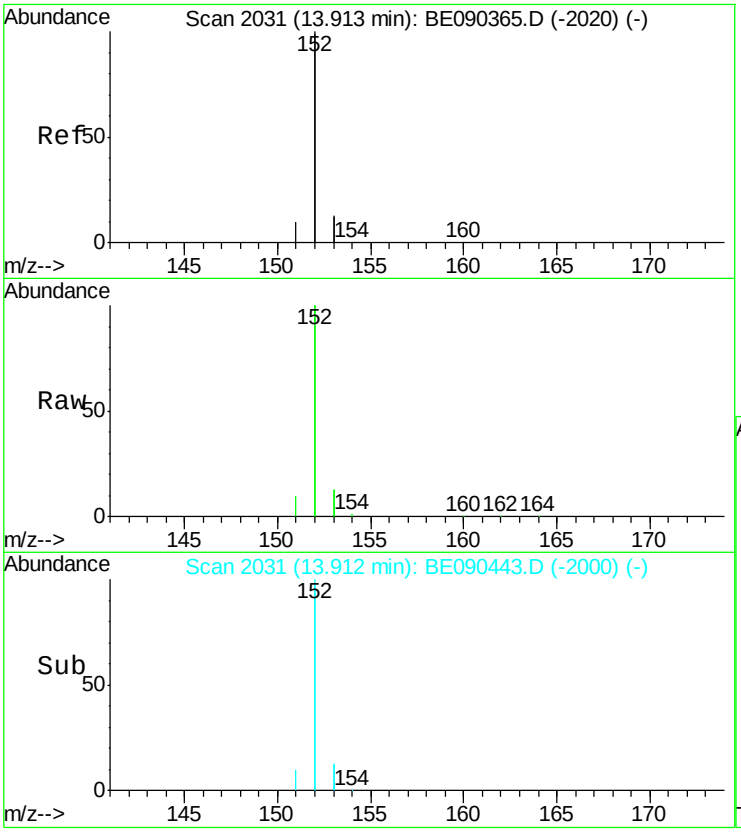


#14
2-Fluorobiphenyl
Concen: 1.05 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:172 Resp: 17895

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	24.2	19.8	29.8

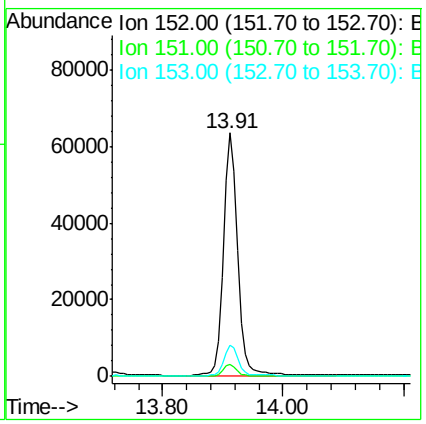




#15
Acenaphthylene
Concen: 1.05 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:152 Resp: 105507

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	12.7	10.3	15.5



Instrument :
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ClientSampleId :
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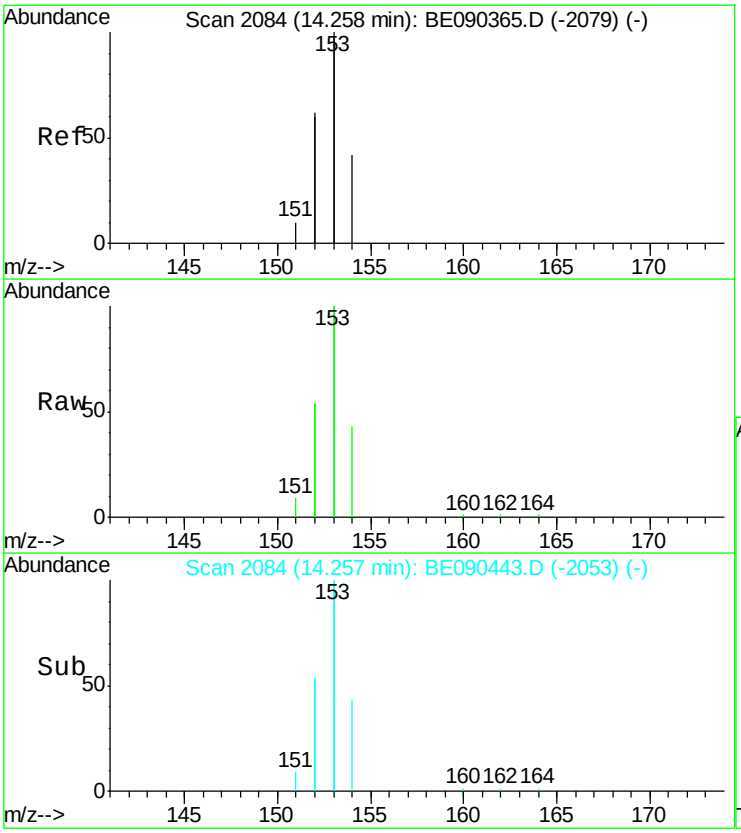
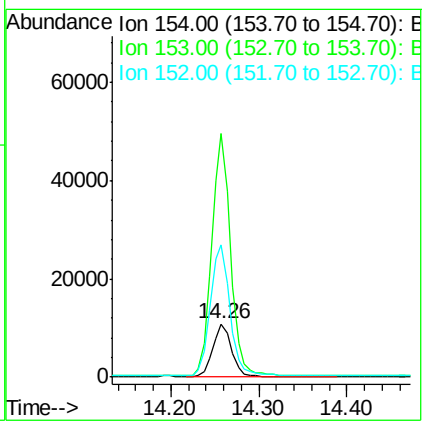
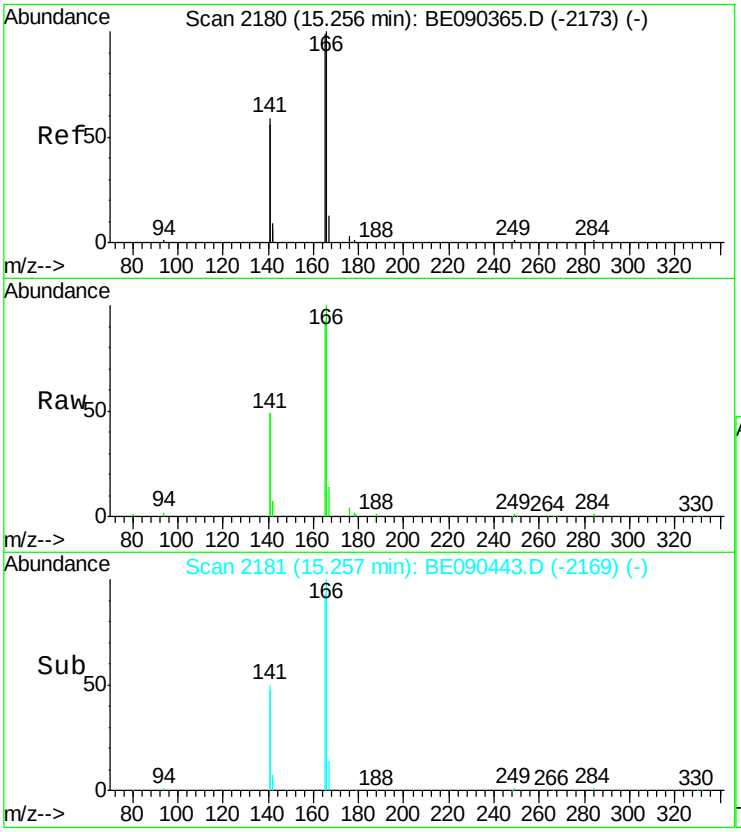


#16
Acenaphthene
Concen: 1.01 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:154 Resp: 15793

Ion	Ratio	Lower	Upper
154	100		
153	460.3	376.2	564.2
152	260.6	235.0	352.4





#17
Fluorene
Concen: 1.03 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:166 Resp: 20846

Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.5	122.3
167	13.7	11.4	17.0

Instrument :
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ClientSampleId :
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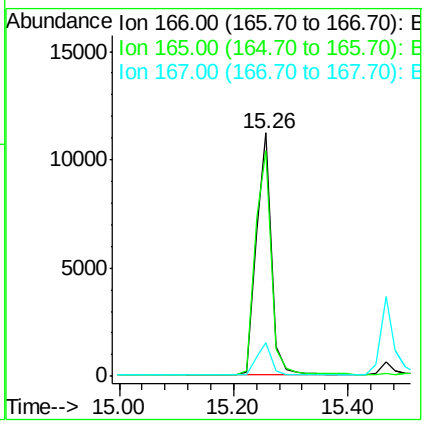
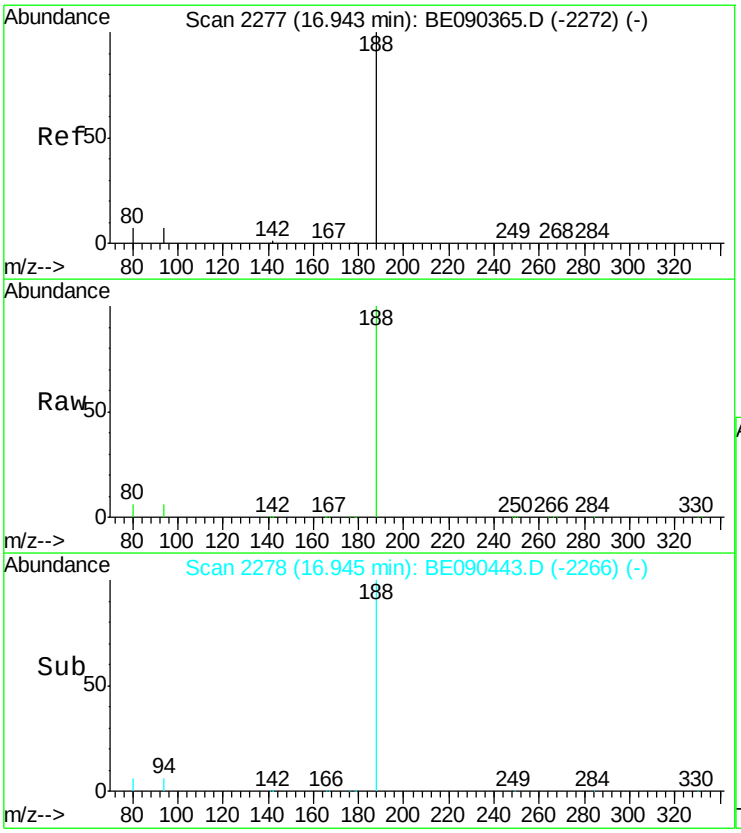
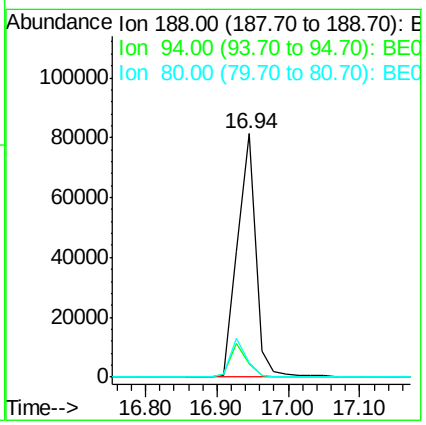


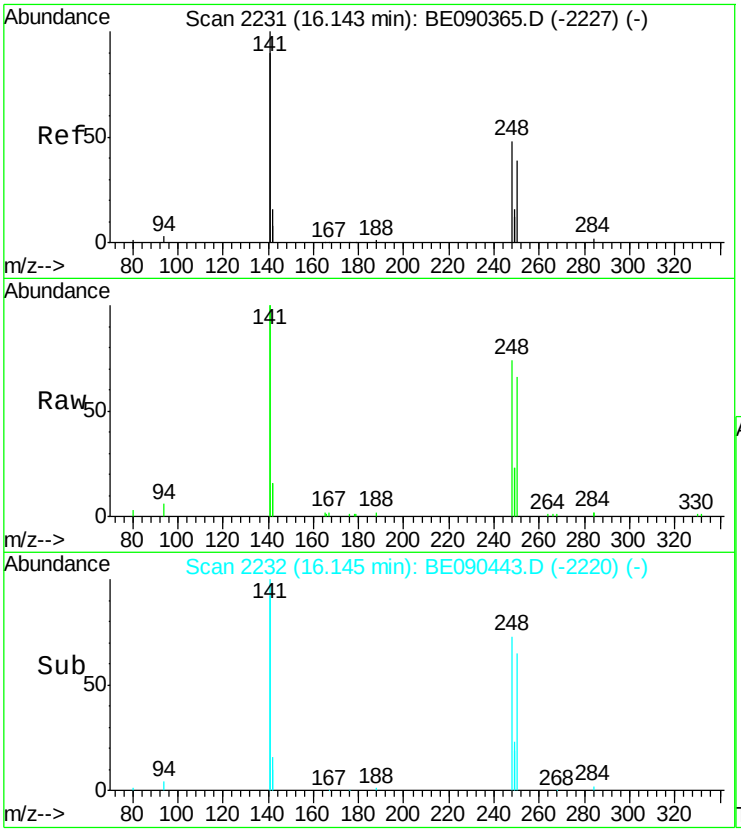


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:188 Resp: 143309

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5#
80	5.8	5.8	8.8#





#19
4-Bromophenyl-phenylether
Concen: 1.03 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:248 Resp: 5741

Ion	Ratio	Lower	Upper
248	100		
250	93.2	79.0	118.6
141	317.1	239.5	359.3

Instrument :
BNA_E
ClientSampleId :
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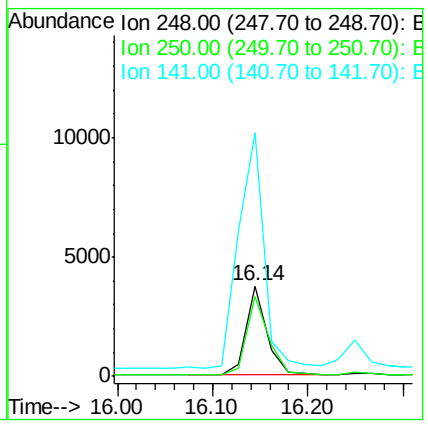
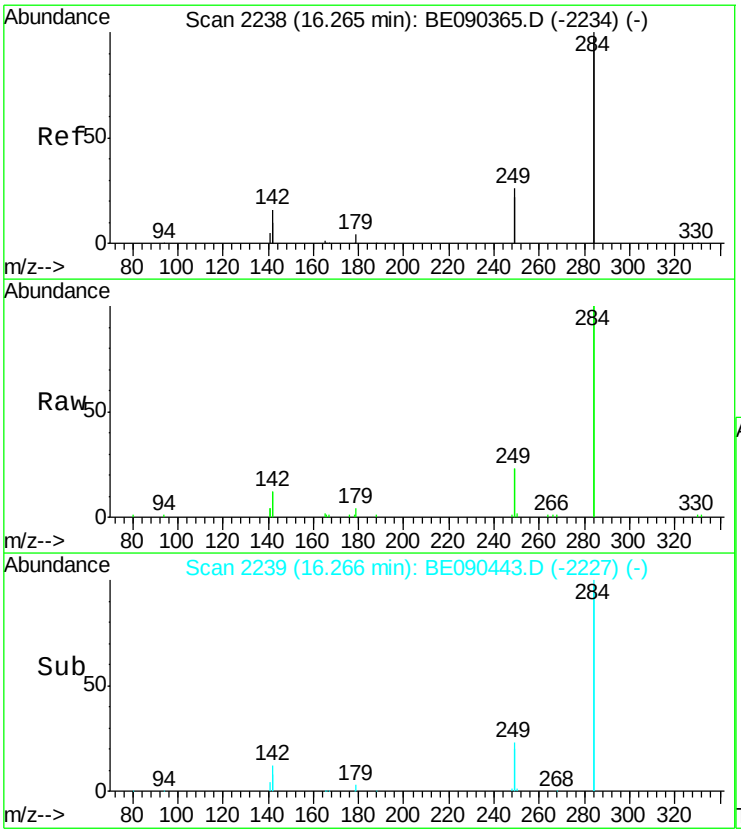
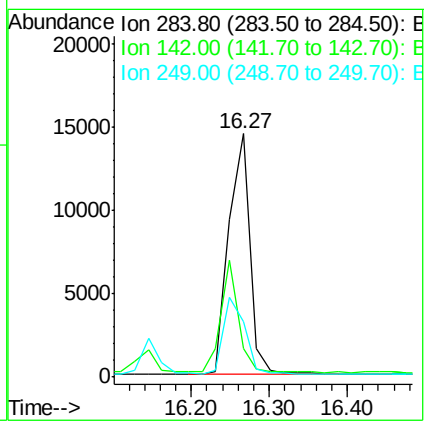


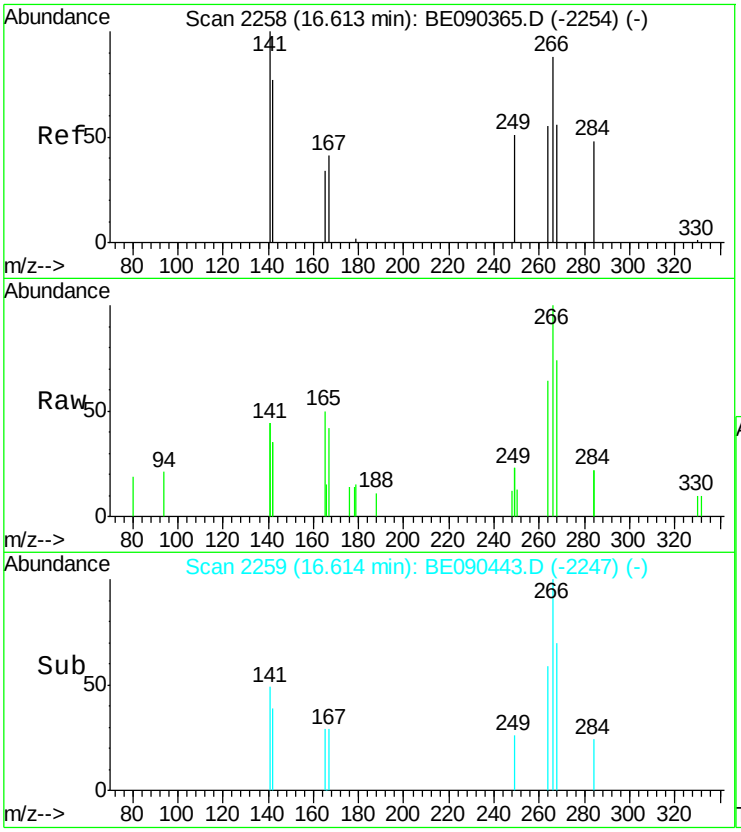


#20
Hexachlorobenzene
Concen: 0.94 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:284 Resp: 27008

Ion	Ratio	Lower	Upper
284	100		
142	38.1	30.1	45.1
249	32.2	25.7	38.5

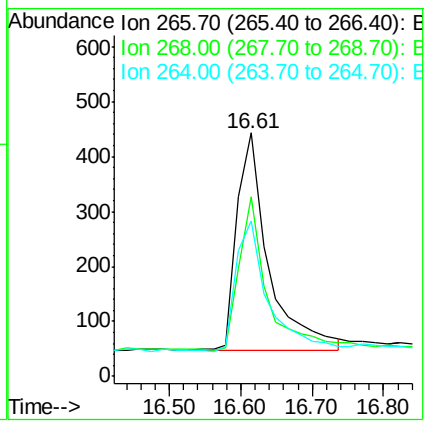




#21
Pentachlorophenol
Concen: 1.24 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:266 Resp: 1214

Ion	Ratio	Lower	Upper
266	100		
268	73.8	58.5	87.7
264	63.9	56.0	84.0



Instrument :
BNA_E
ClientSampleId :
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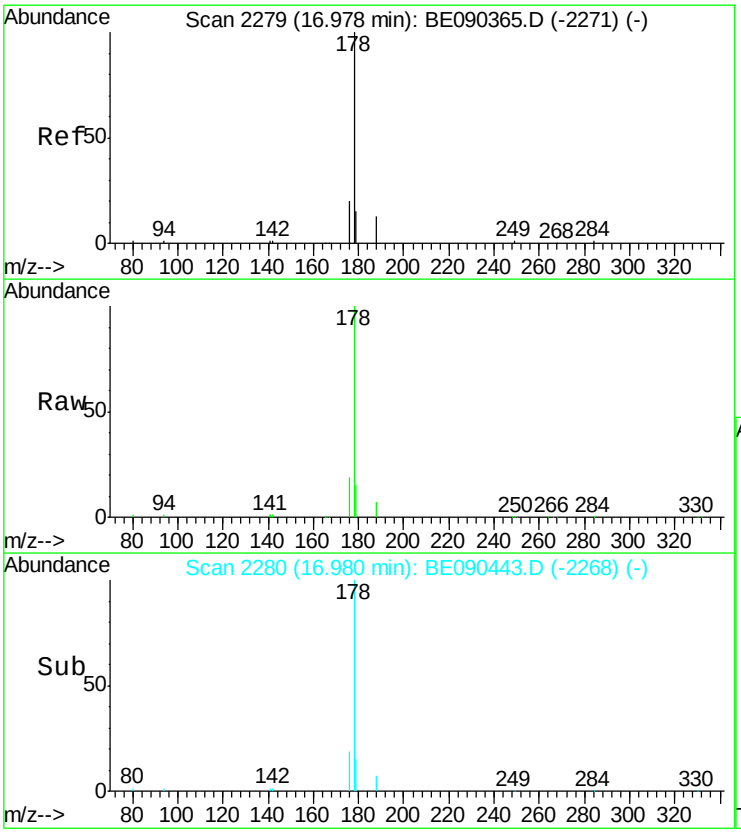
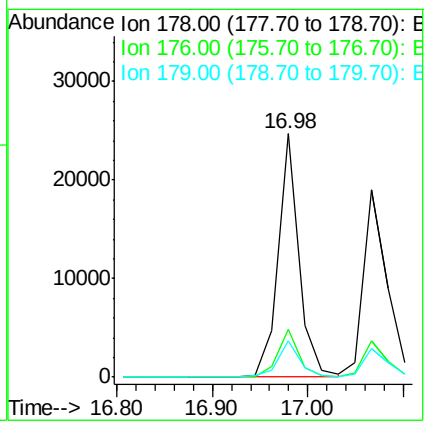
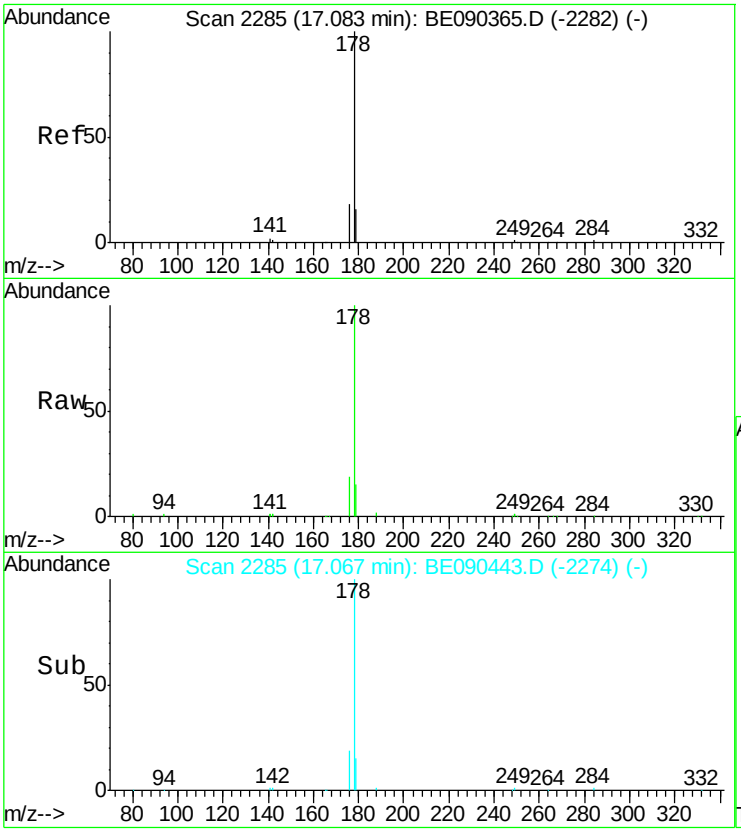


#22
Phenanthrene
Concen: 1.03 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:178 Resp: 37019

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.5	18.7

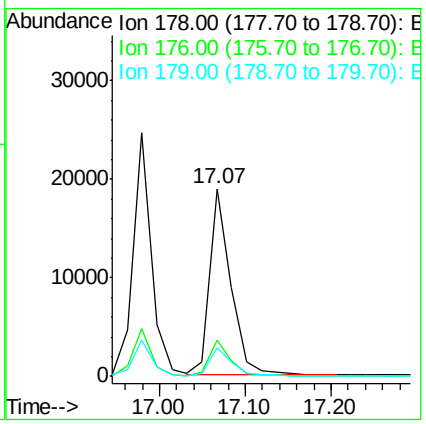




#23
Anthracene
Concen: 1.12 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:178 Resp: 32877

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.0	12.2	18.4



Instrument :
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ClientSampleId :
SSTDCCC001

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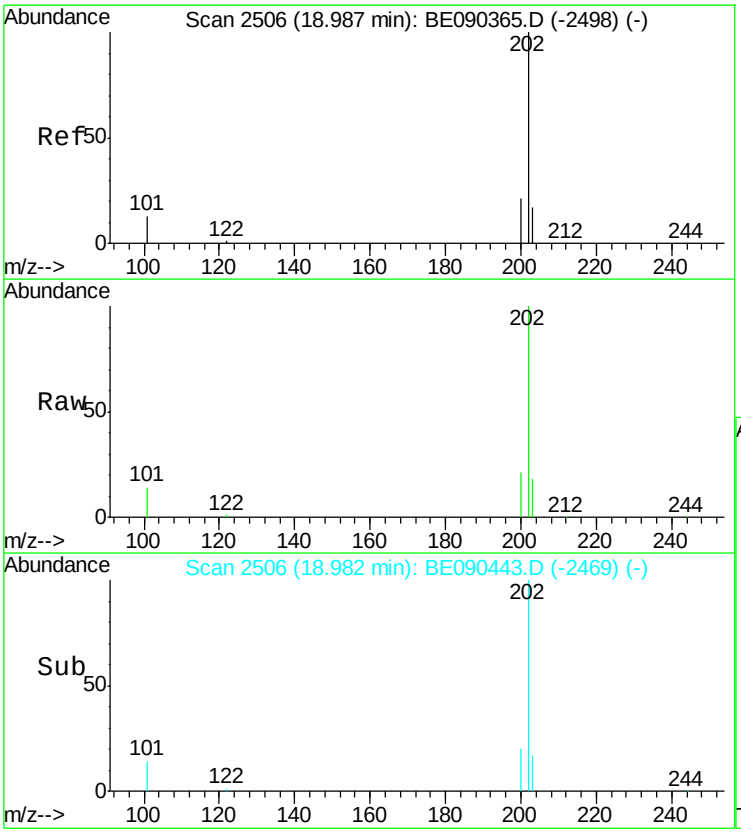
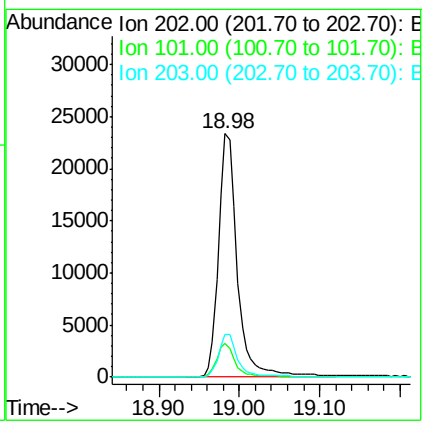
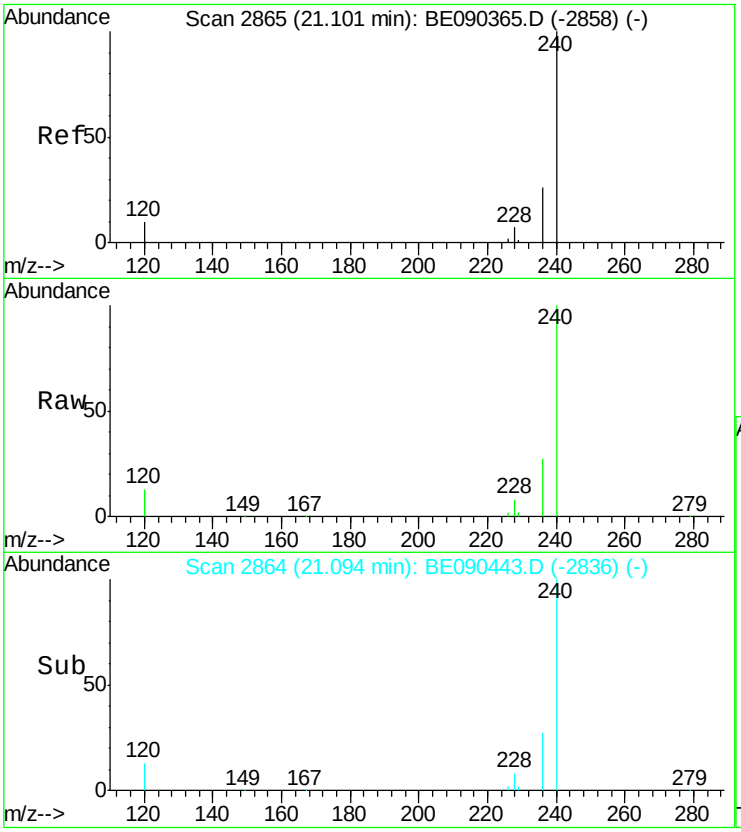


#24
Fluoranthene
Concen: 1.07 ng
RT: 18.98 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:202 Resp: 37727

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.3	15.5
203	17.1	13.7	20.5





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

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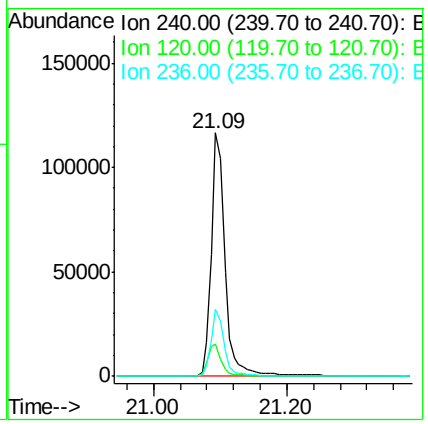
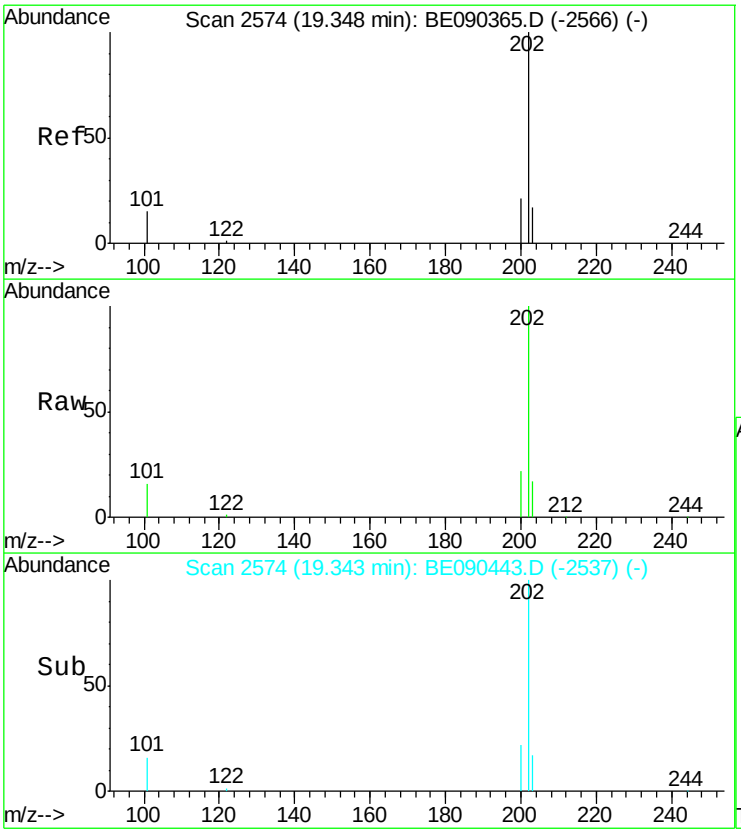
Tgt Ion:240 Resp: 164982

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	27.3	21.0	31.4

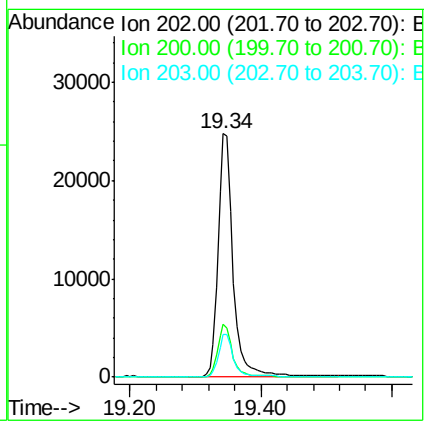


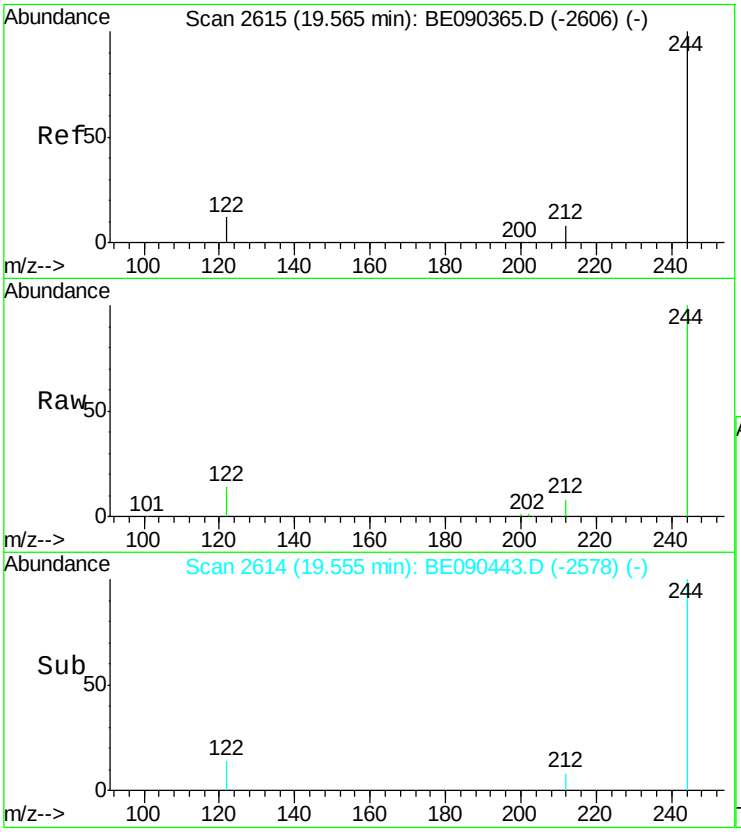


#26
Pyrene
Concen: 1.10 ng
RT: 19.34 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:202 Resp: 39247

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.4	13.8	20.8

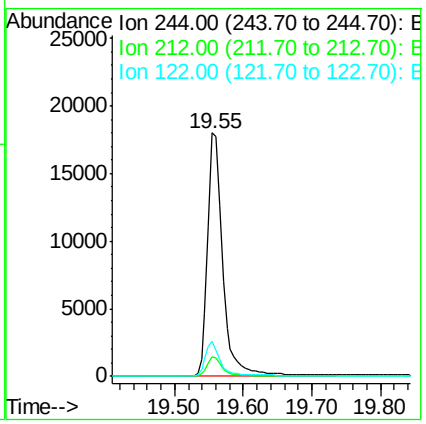




#27
Terphenyl-d14
Concen: 1.12 ng
RT: 19.55 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:244 Resp: 27168

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	14.2	10.2	15.4



Instrument :
BNA_E
ClientSampleId :
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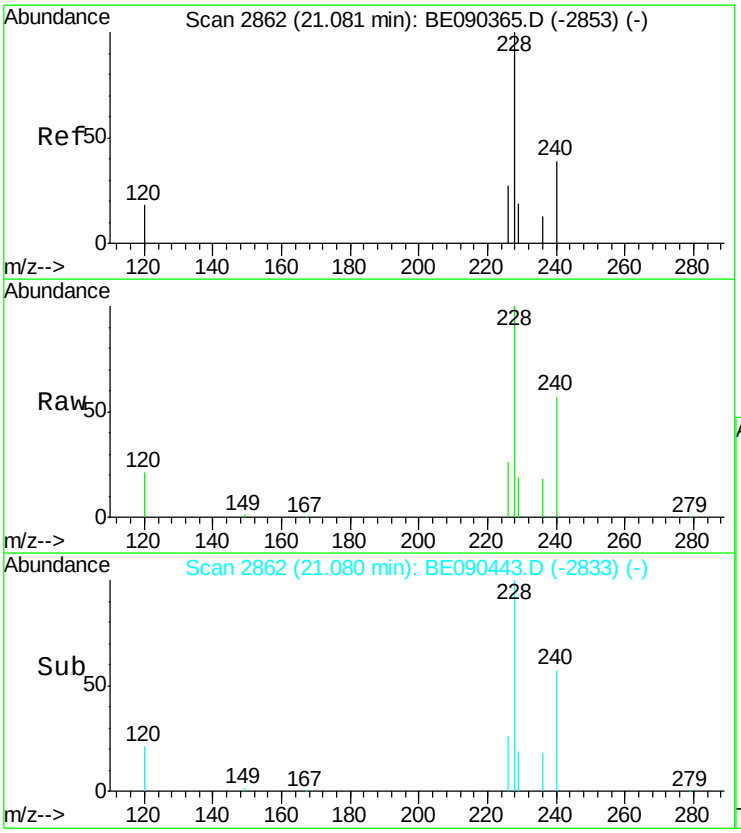
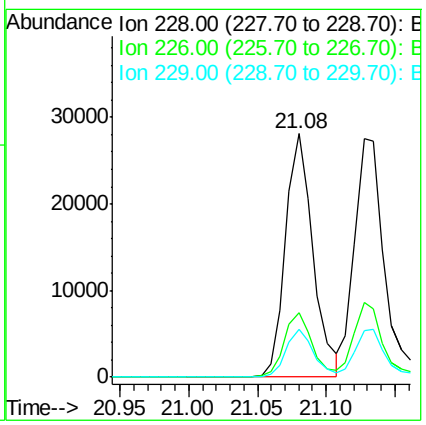
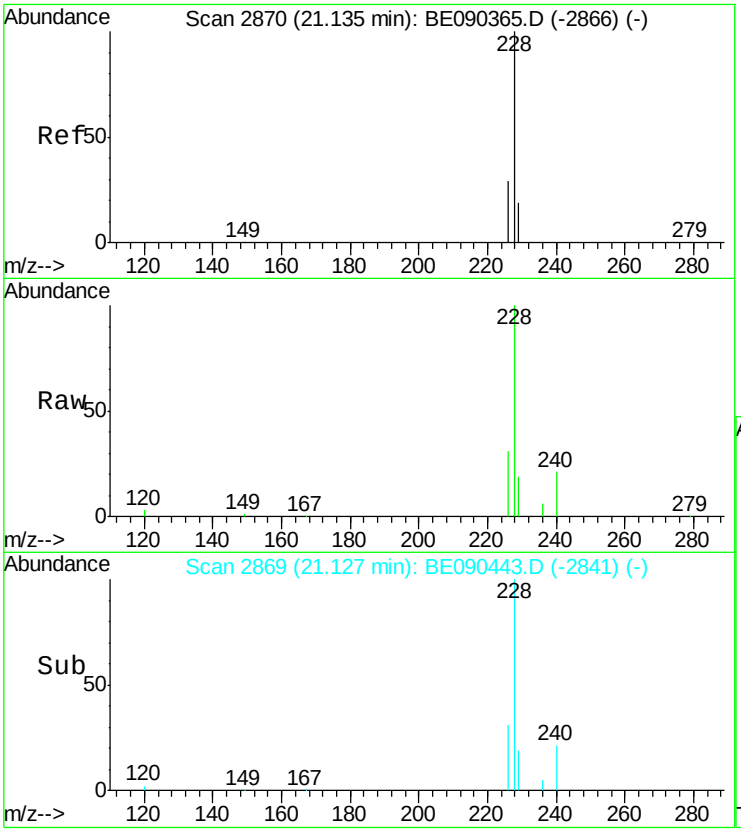


#28
Benzo(a)anthracene
Concen: 1.06 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:228 Resp: 38769

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.9	32.9
229	19.5	15.4	23.0

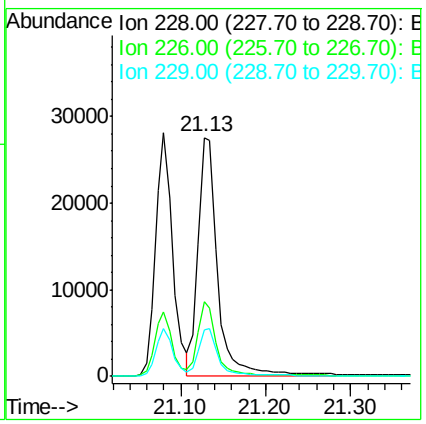




#29
Chrysene
Concen: 1.01 ng m
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:228 Resp: 44475

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.1	34.7
229	19.4	15.8	23.8



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

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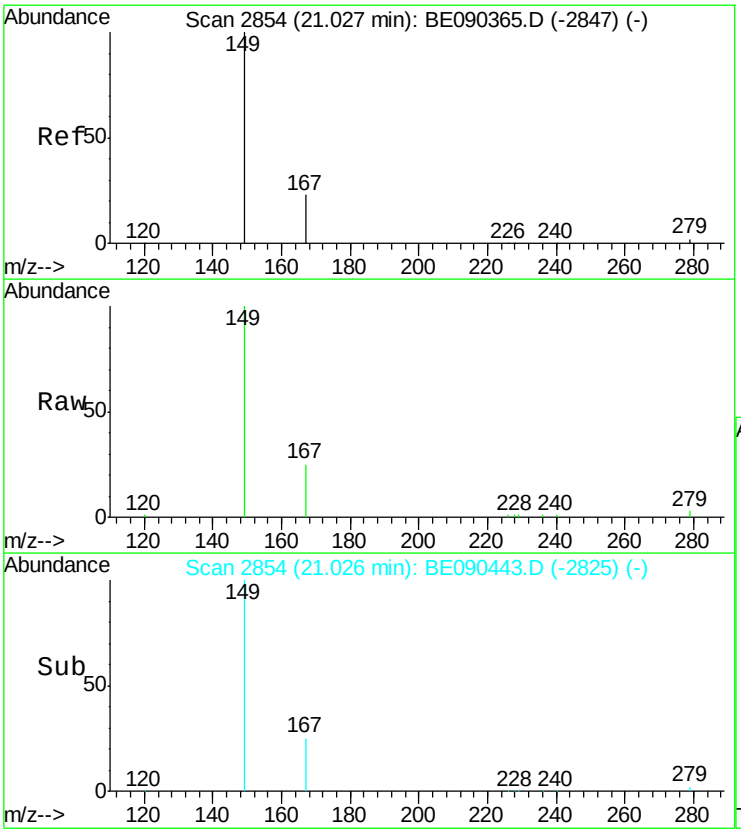
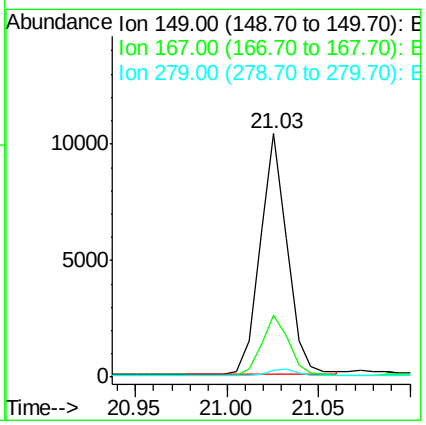
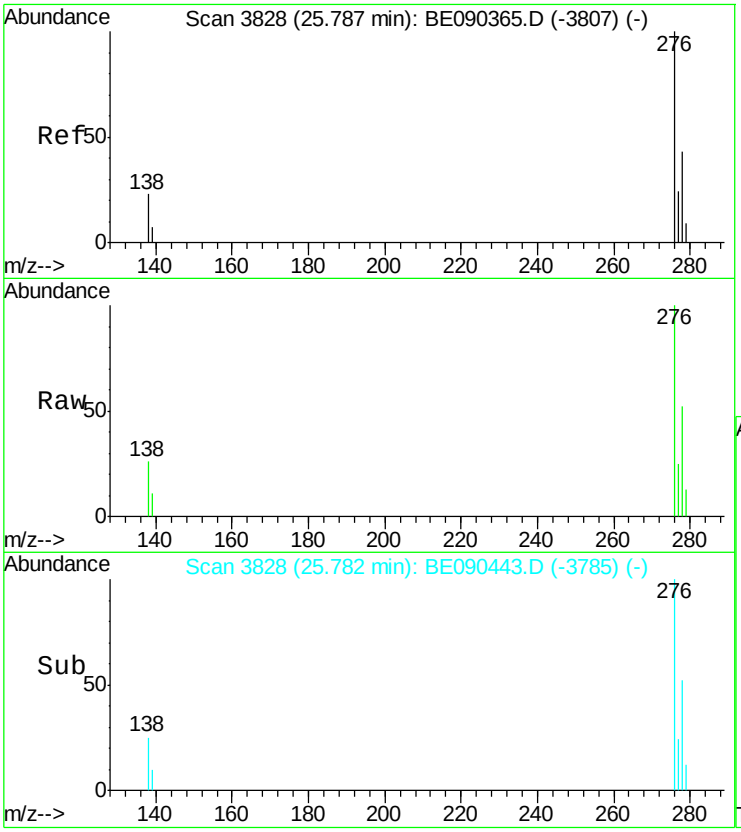


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.21 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:149 Resp: 10623

Ion	Ratio	Lower	Upper
149	100		
167	25.2	19.8	29.8
279	3.1	2.4	3.6

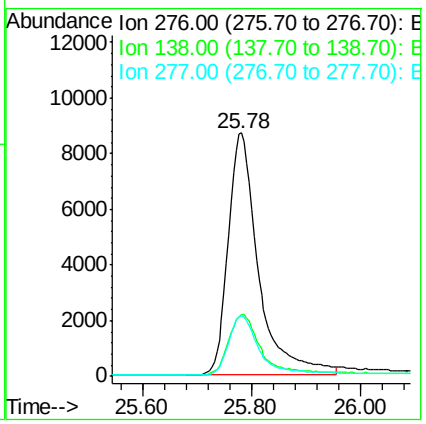




#31
Indeno(1,2,3-cd)pyrene
Concen: 1.05 ng
RT: 25.78 min Scan# 3828
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:276 Resp: 33468

Ion	Ratio	Lower	Upper
276	100		
138	26.3	18.8	28.2
277	24.9	18.2	27.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

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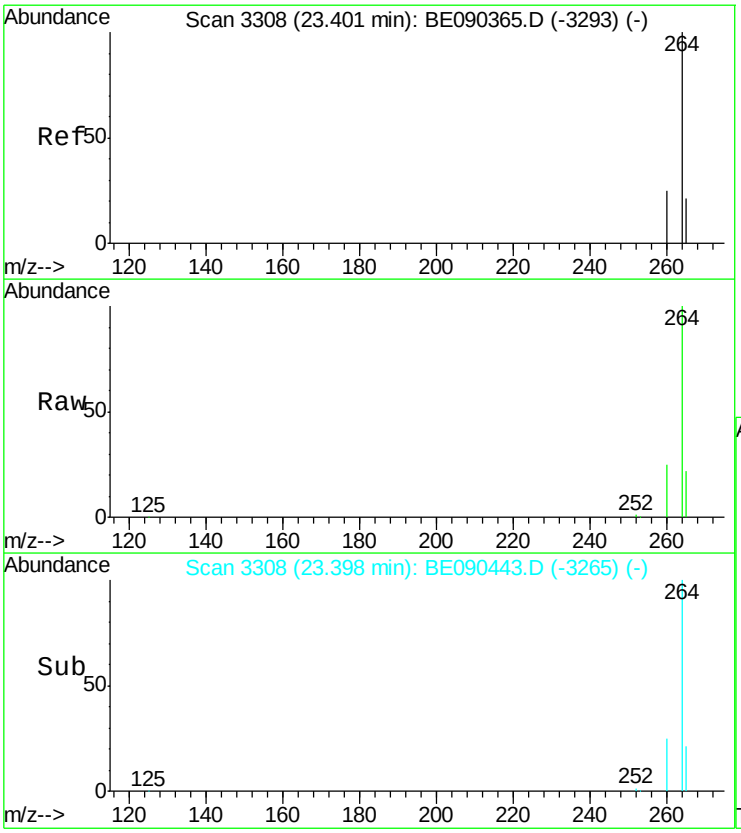
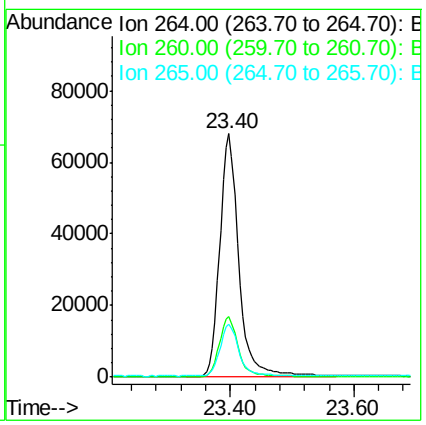
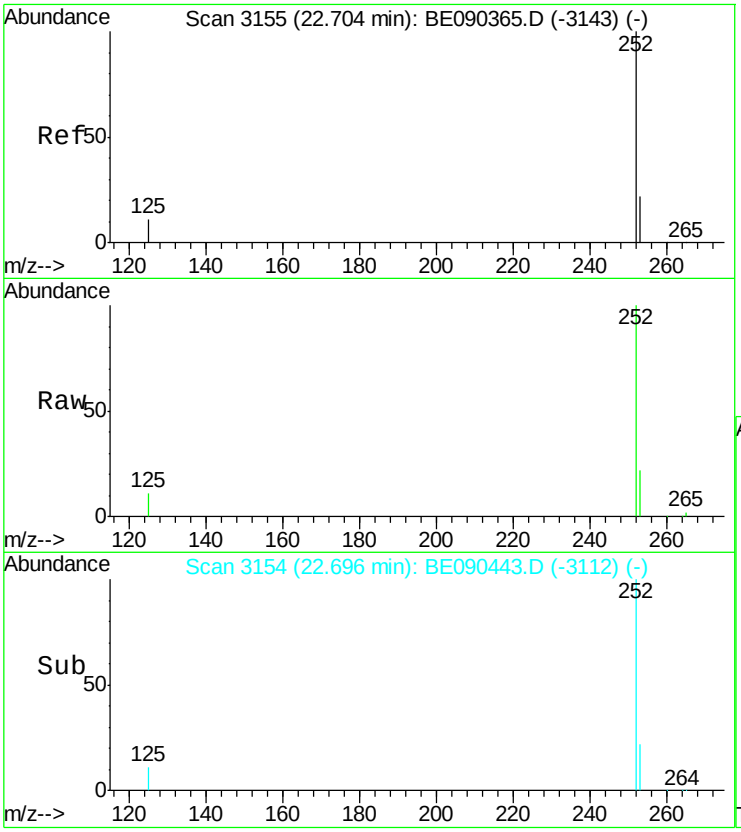


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:264 Resp: 147093

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.6	17.2	25.8





#33
Benzo(b)fluoranthene
Concen: 1.09 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:252 Resp: 30875

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.5	9.4	14.2

Instrument :
BNA_E
ClientSampleId :
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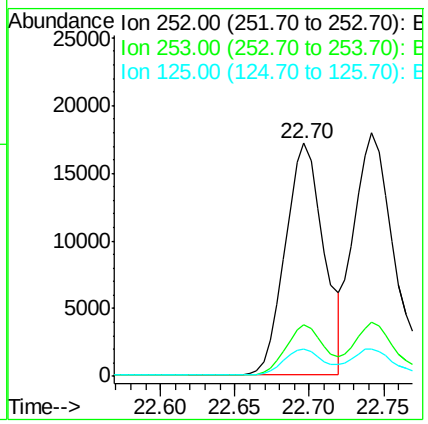
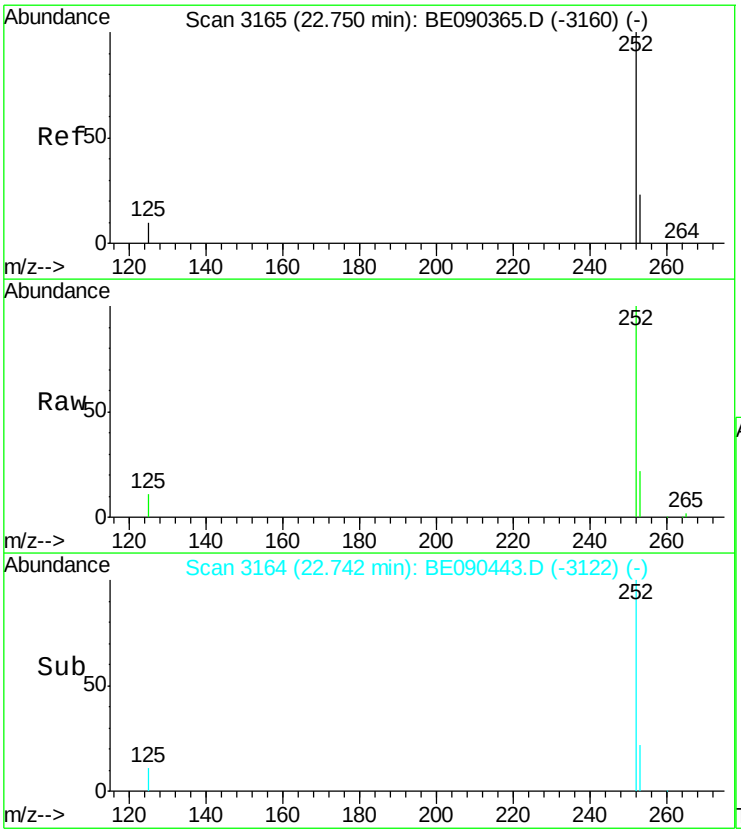
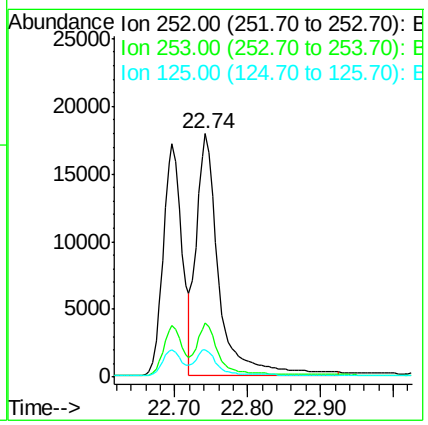


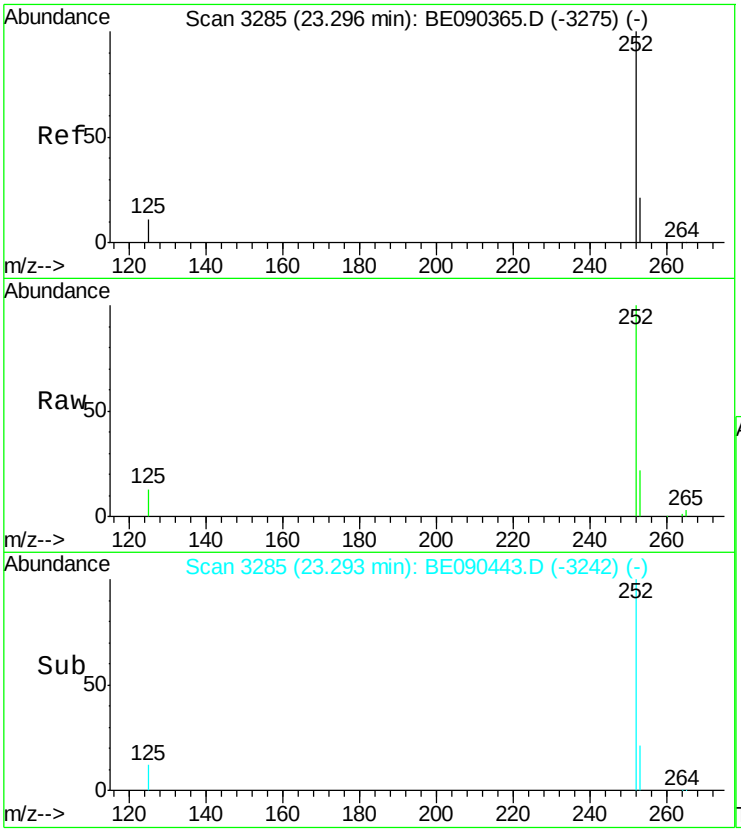


#34
Benzo(k)fluoranthene
Concen: 0.95 ng m
RT: 22.74 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:252 Resp: 38764

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.5	9.1	13.7

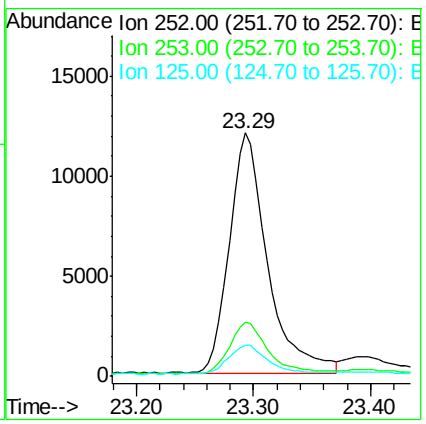




#35
Benzo(a)pyrene
Concen: 1.05 ng
RT: 23.29 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:252 Resp: 27226

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	12.8	9.8	14.6



Instrument :
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ClientSampleId :
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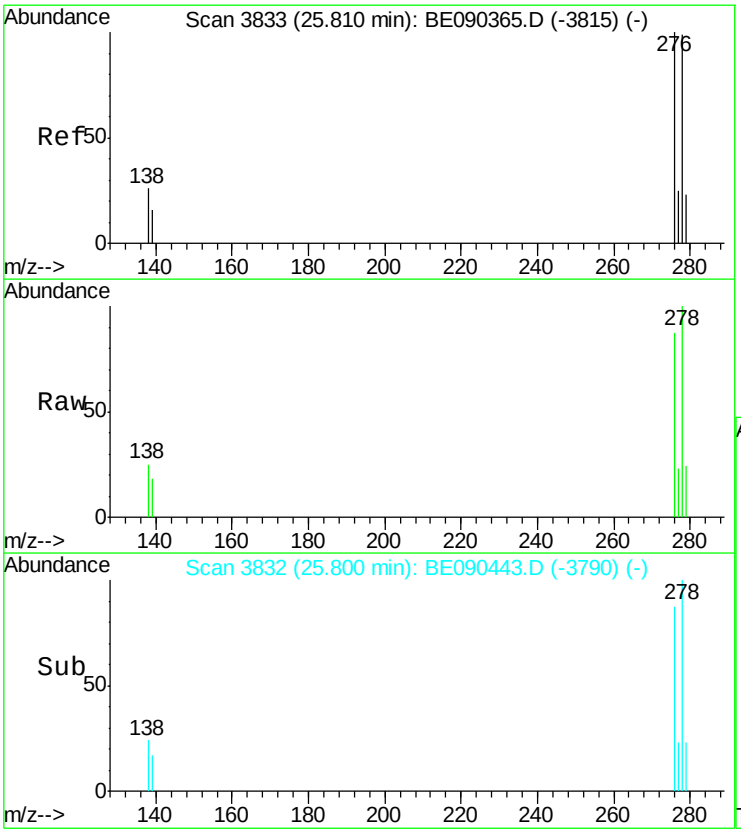
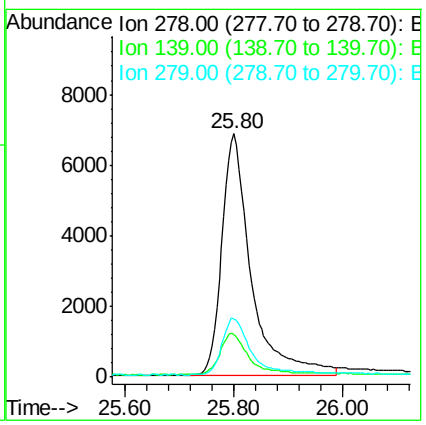
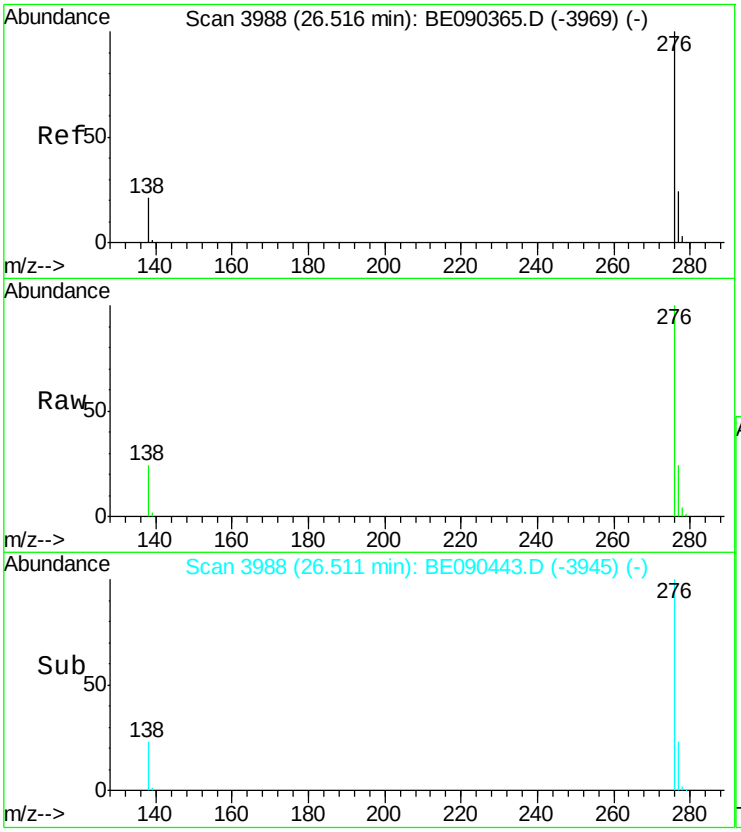


#36
Dibenzo(a,h)anthracene
Concen: 1.07 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:278 Resp: 25543

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.2	21.4
279	23.8	20.1	30.1

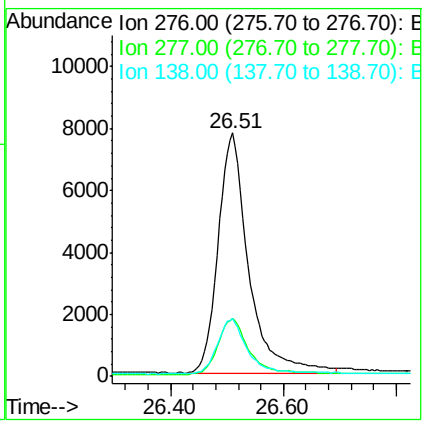




#37
Benzo(g,h,i)perylene
Concen: 1.06 ng
RT: 26.51 min Scan# 3988
Delta R.T. -0.01 min
Lab File: BE090443.D
Acq: 12 Aug 2015 00:13

Tgt Ion:276 Resp: 28857

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.1	30.1
138	24.0	18.1	27.1



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
MMDadoda
8/12/2015 3:55:42 PM