Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
Data File : BE090490.D
Acq On : 13 Aug 2015 5:01
Operator : UM/IZ
Sample : G3248-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CSB-01

Manual Integrations APPROVED
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8/13/2015 3:35:22 PM

Quant Time: Aug 13 13:34:39 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	20105	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	94496	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	53957	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	125968	5.00	ng		0.00
25) Chrysene-d12	21.09	240	149307	5.00	ng		0.00
32) Perylene-d12	23.39	264	141822	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	0.00	112	0d	0.00	ng		
5) Phenol-d6	6.77	99	2052	0.55	ng		0.00
7) Nitrobenzene-d5	8.72	82	25123	3.34	ng		-0.01
13) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
14) 2-Fluorobiphenyl	12.82	172	57927	3.90	ng		0.00
27) Terphenyl-d14	19.55	244	94794	4.31	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.38	128	923	0.04	ng	#	79
11) 2-Methylnaphthalene	12.01	142	397	0.03	ng	#	89
22) Phenanthrene	16.98	178	6935	0.22	ng		96
24) Fluoranthene	18.98	202	12678	0.41	ng		99
26) Pyrene	19.34	202	7822	0.24	ng		98
28) Benzo(a)anthracene	21.08	228	3793	0.11	ng	#	91
29) Chrysene	21.13	228	6044	0.15	ng	#	92
30) Bis(2-ethylhexyl)phthalate	21.03	149	3532	0.54	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	3194	0.34	ng		99
33) Benzo(b)fluoranthene	22.70	252	6827m	0.40	ng		
34) Benzo(k)fluoranthene	22.74	252	2659m	0.07	ng		
37) Benzo(g,h,i)perylene	26.51	276	3273	0.12	ng	#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
Data File : BE090490.D
Acq On : 13 Aug 2015 5:01
Operator : UM/IZ
Sample : G3248-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Aug 13 13:34:39 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 :
CSB-01

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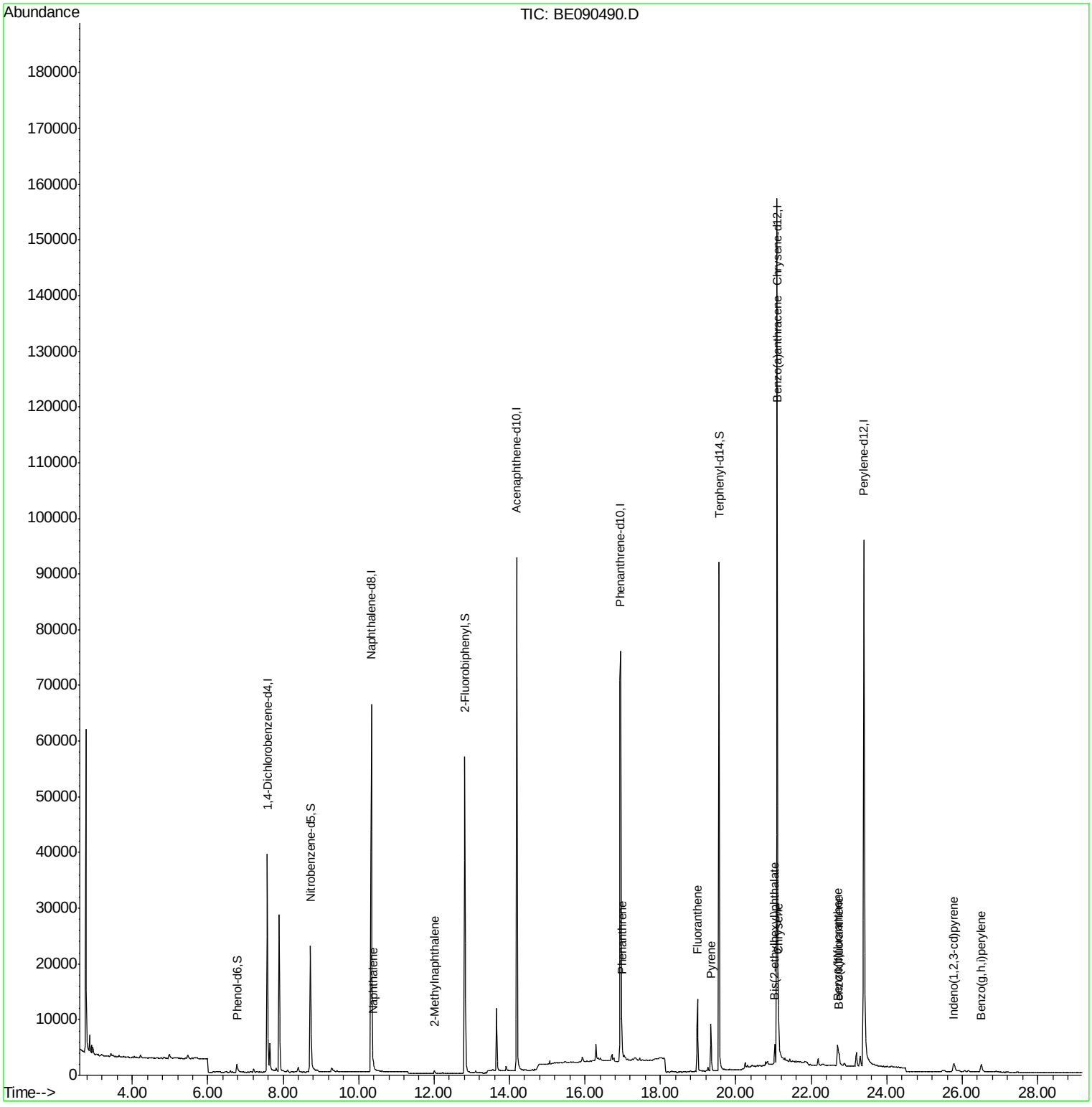
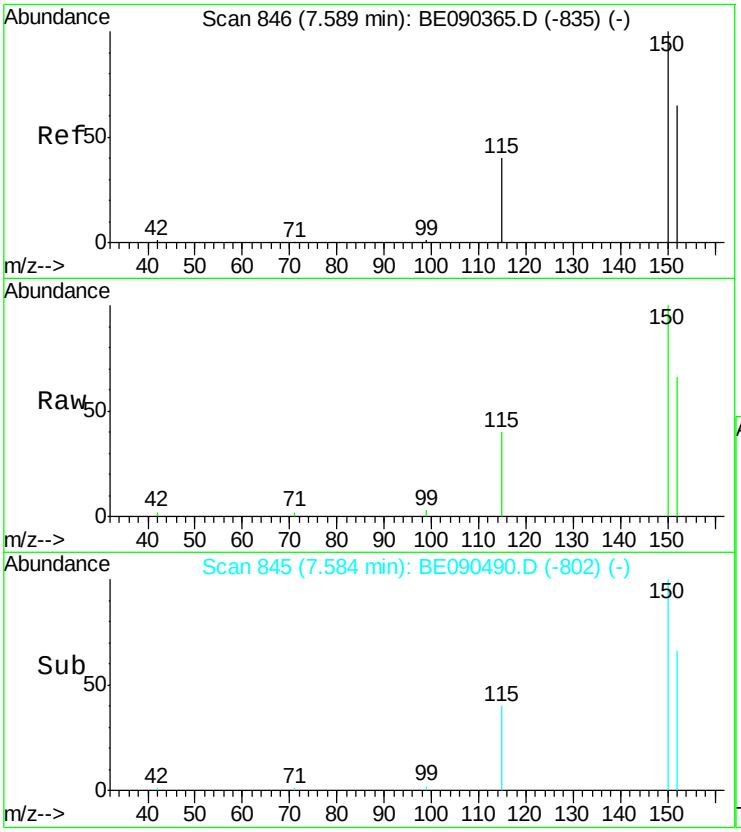
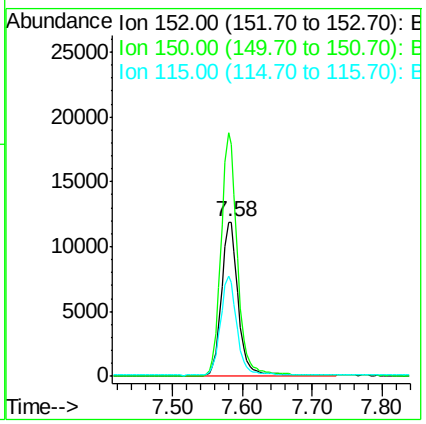




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:152 Resp: 20105

Ion	Ratio	Lower	Upper
152	100		
150	150.8	123.0	184.4
115	60.6	48.9	73.3



Instrument :
BNA_E
ClientSampleId :
CSB-01

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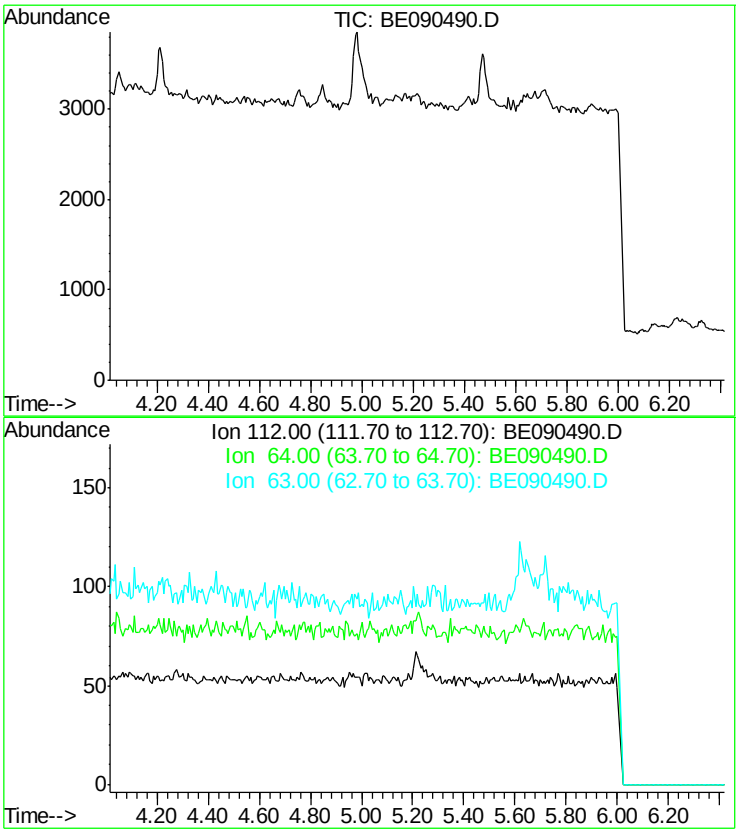
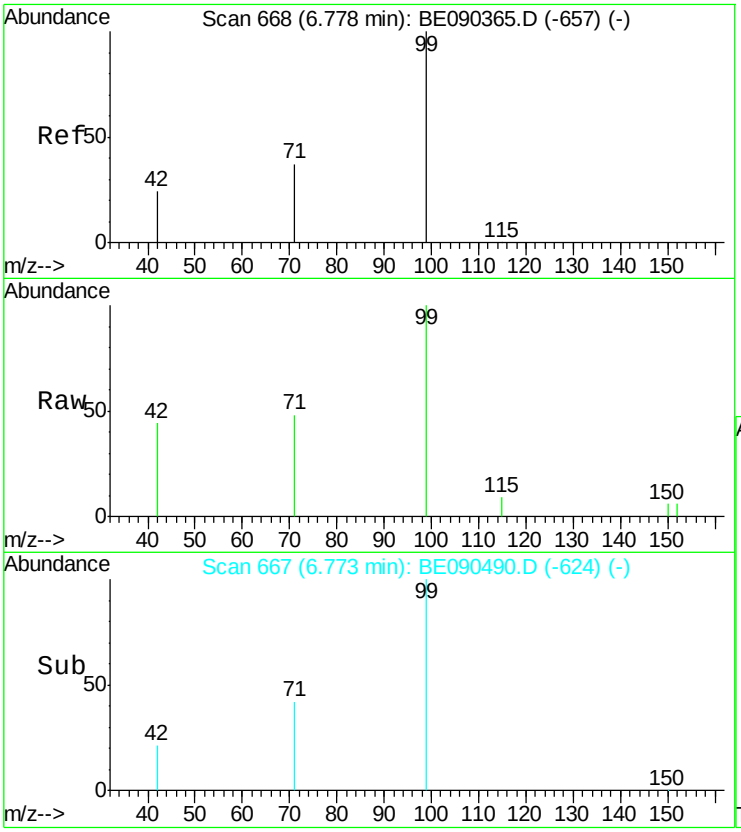


#4
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.22 min

Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	46.4
63	24.4



#5
Phenol-d6
Concen: 0.55 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion: 99 Resp: 2052

Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.2	27.4
71	44.2	27.4	41.0#

Instrument :
BNA_E
ClientSampleId :
CSB-01

Manual Integrations APPROVED
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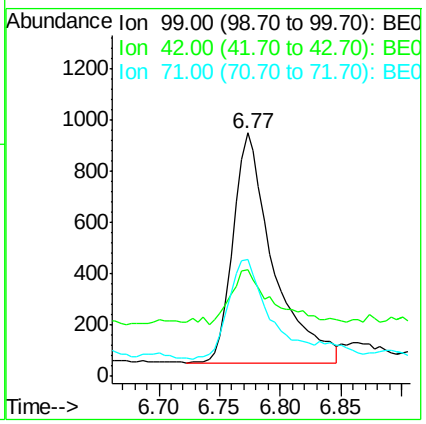
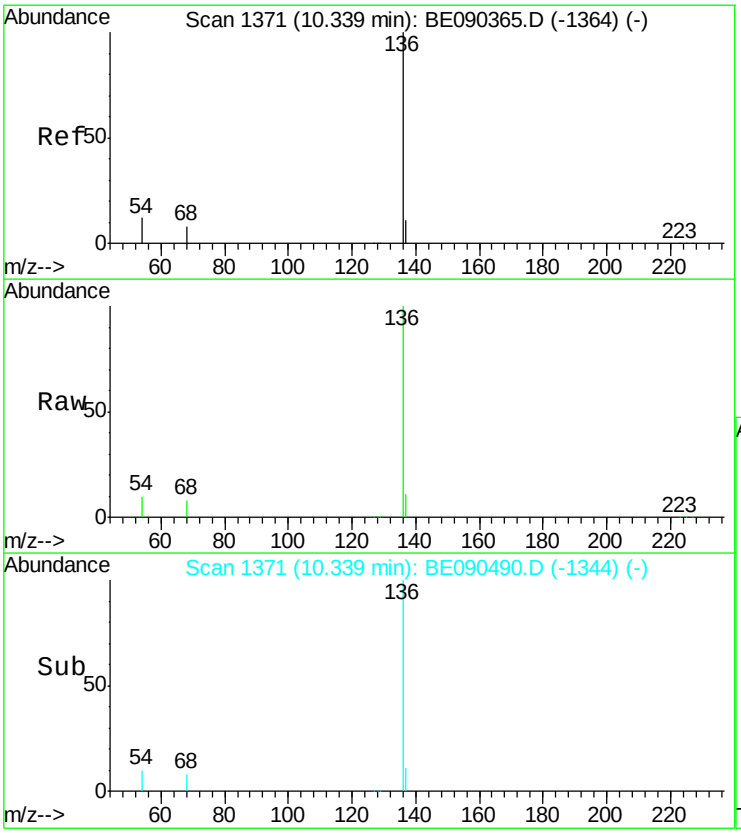
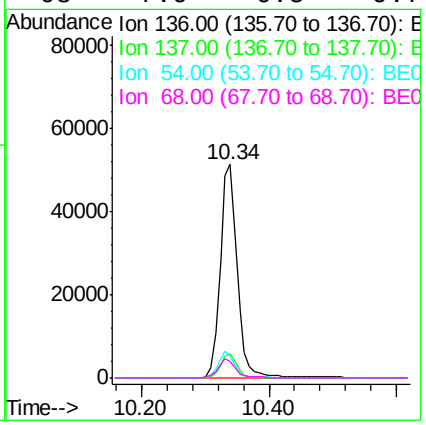


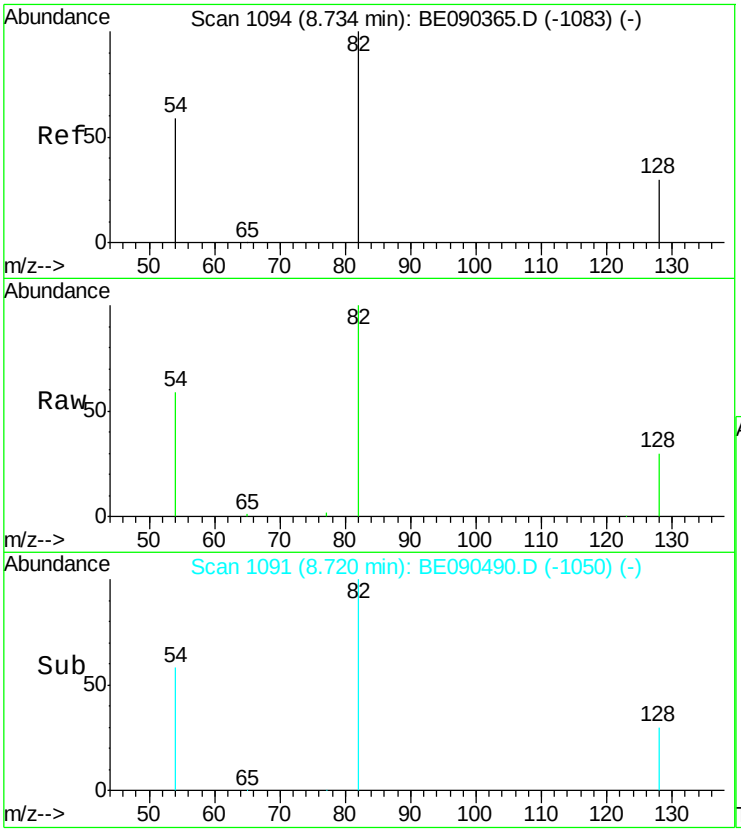


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:136 Resp: 94496

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.3	9.4	14.0
68	7.9	6.5	9.7

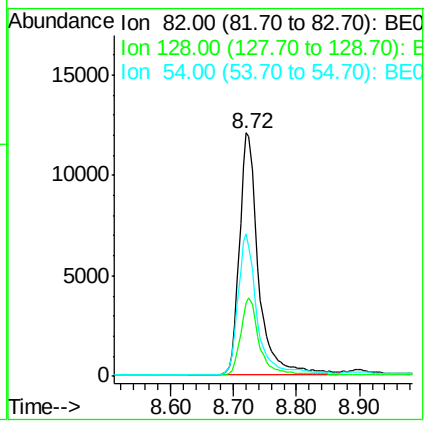




#7
Nitrobenzene-d5
Concen: 3.34 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion: 82 Resp: 25123

Ion	Ratio	Lower	Upper
82	100		
128	30.1	25.0	37.6
54	58.7	48.8	73.2



Instrument :
BNA_E
ClientSampleId :
CSB-01

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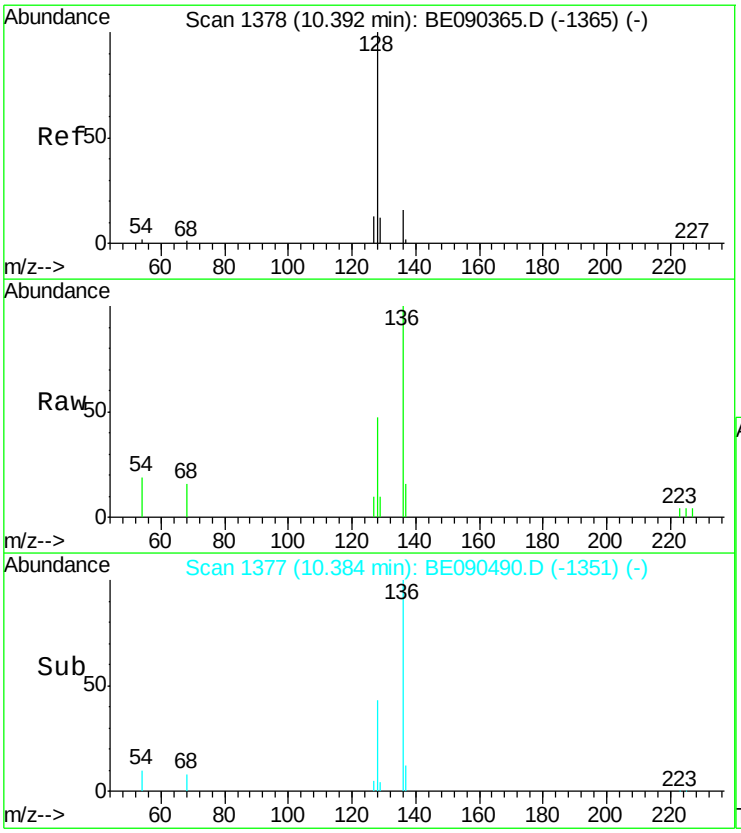
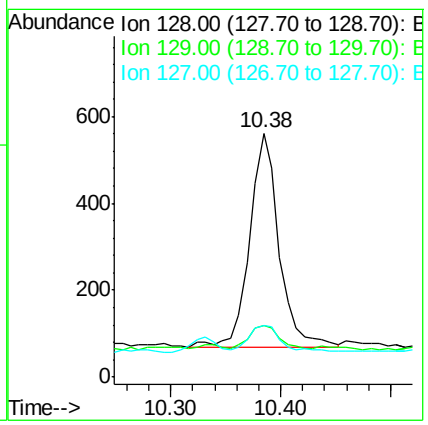
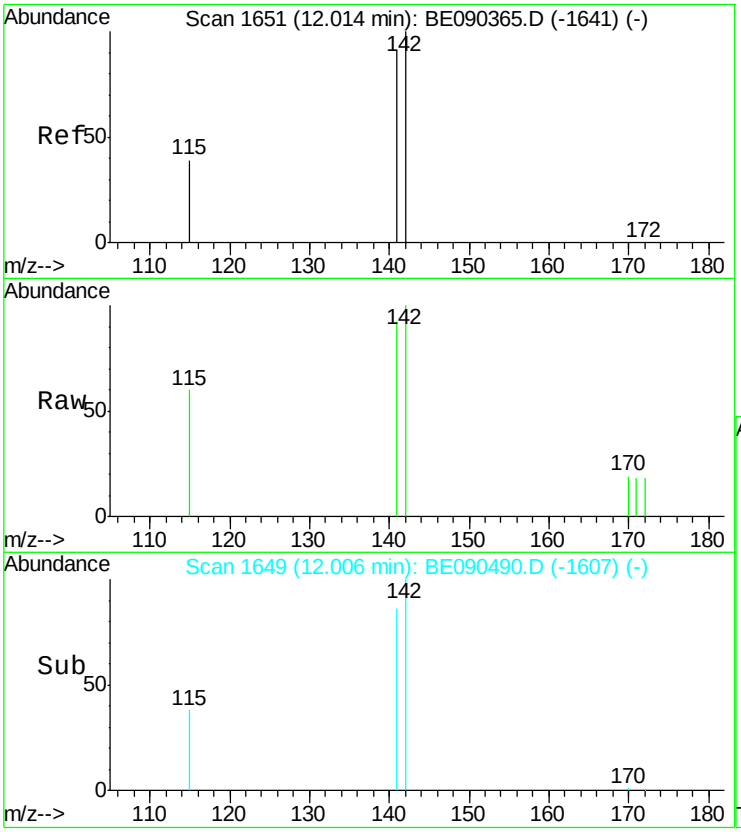


#9
Naphthalene
Concen: 0.04 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:128 Resp: 923

Ion	Ratio	Lower	Upper
128	100		
129	21.0	9.8	14.6#
127	21.4	10.6	16.0#





#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:142 Resp: 397

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.6	109.0
115	60.4	31.6	47.4#

Instrument :
BNA_E
ClientSampleId :
CSB-01

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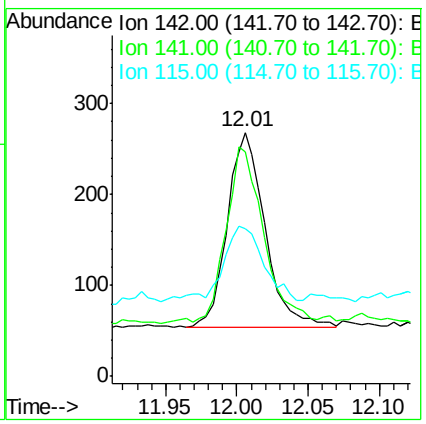
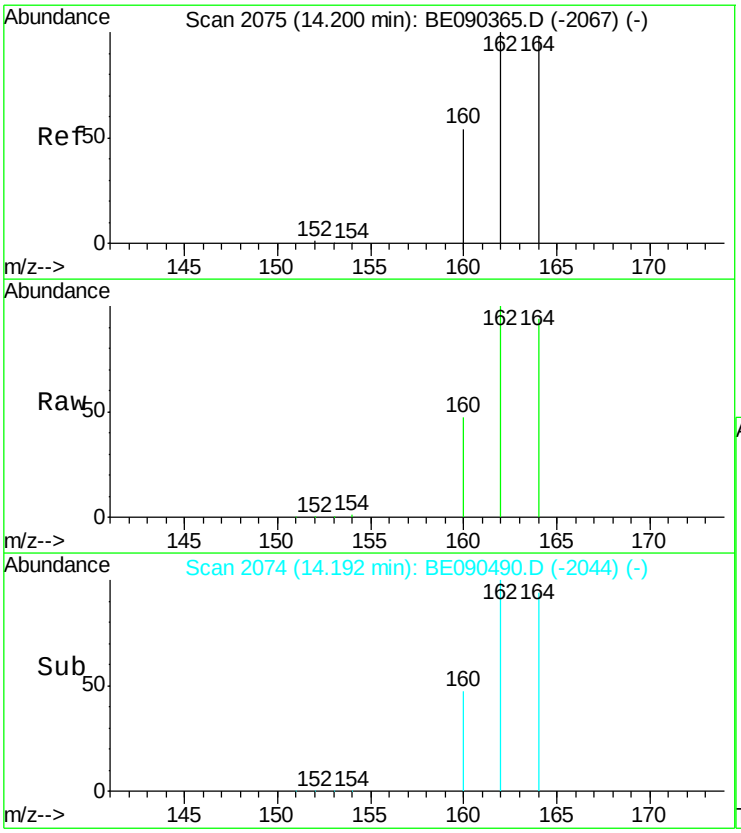
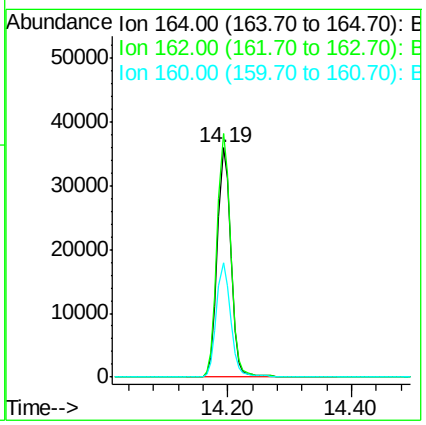


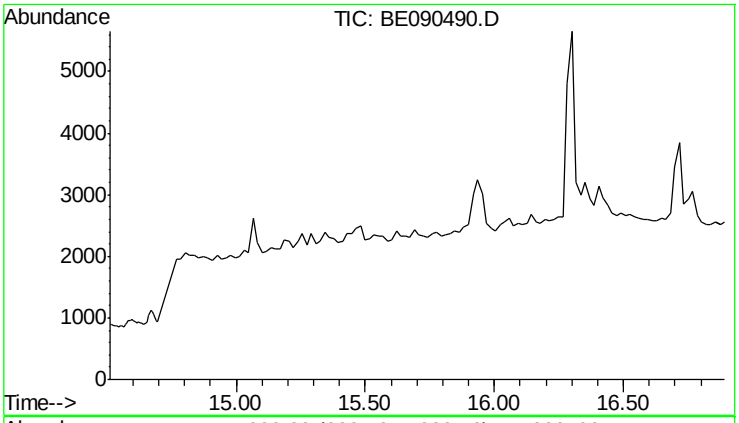


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:164 Resp: 53957

Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.8	122.8
160	50.0	44.2	66.4





#13
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.71 min

Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	94.7
141	143.0

Instrument :
BNA_E
ClientSampleId :
CSB-01

Manual Integrations APPROVED
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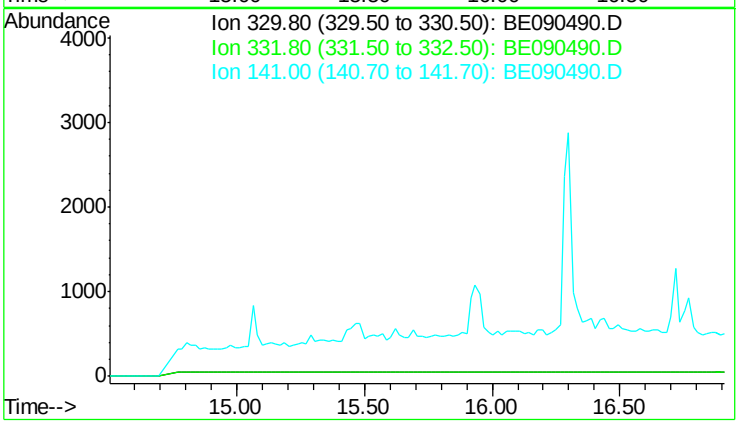
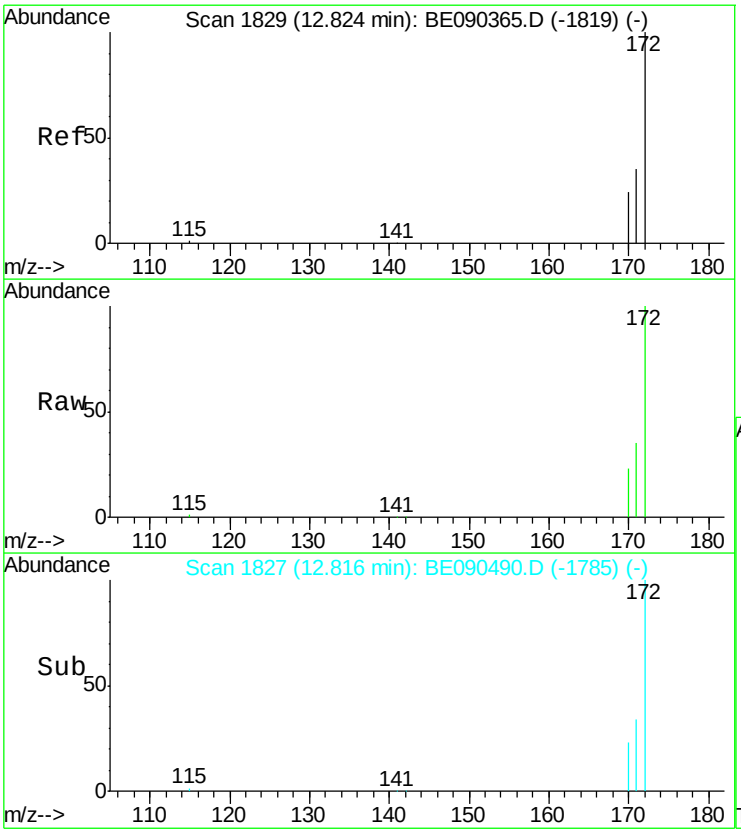
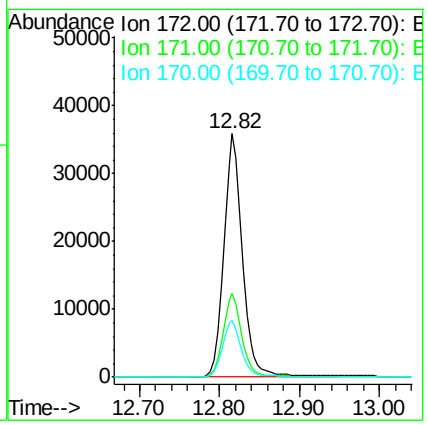


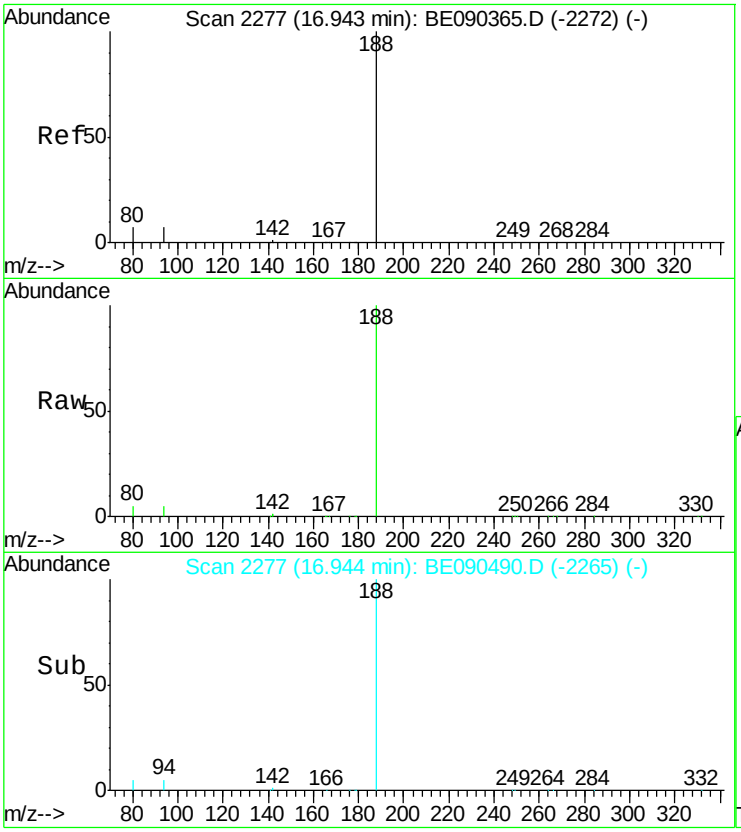


#14
2-Fluorobiphenyl
Concen: 3.90 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:172 Resp: 57927

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.3	19.8	29.8





#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:188 Resp: 125968

Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.7	8.5#
80	5.1	5.8	8.8#

Instrument :
BNA_E
ClientSampleId :
CSB-01

Manual Integrations APPROVED
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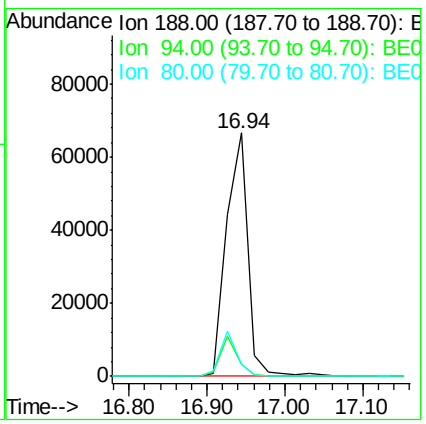
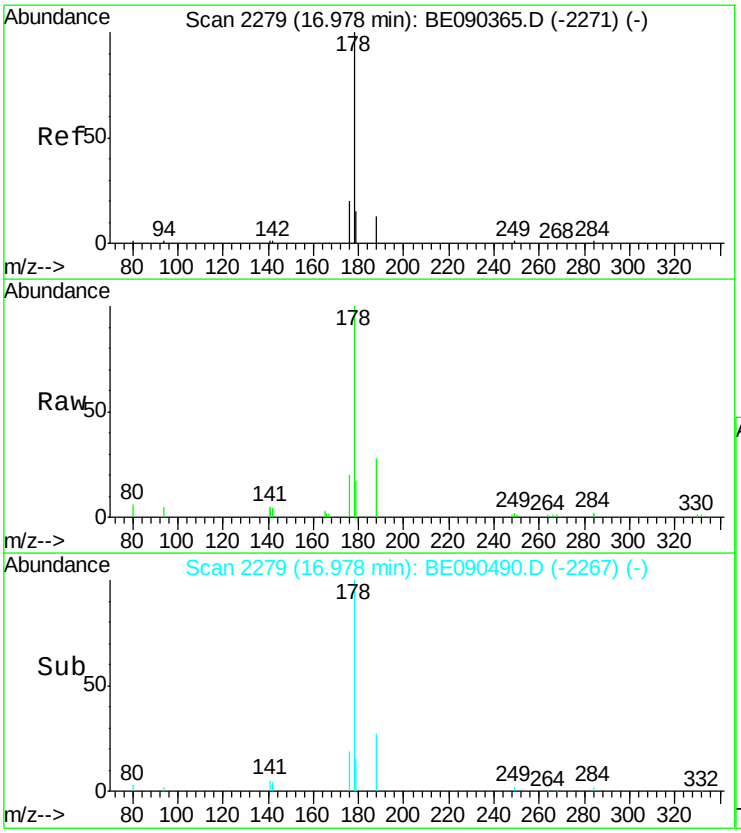
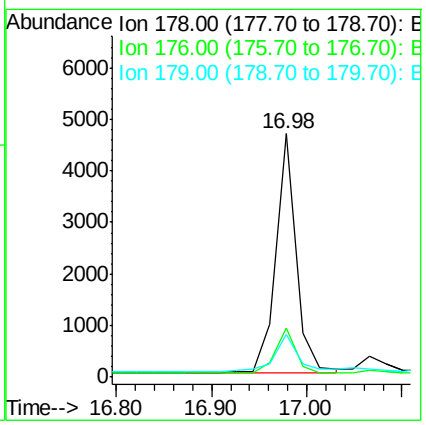


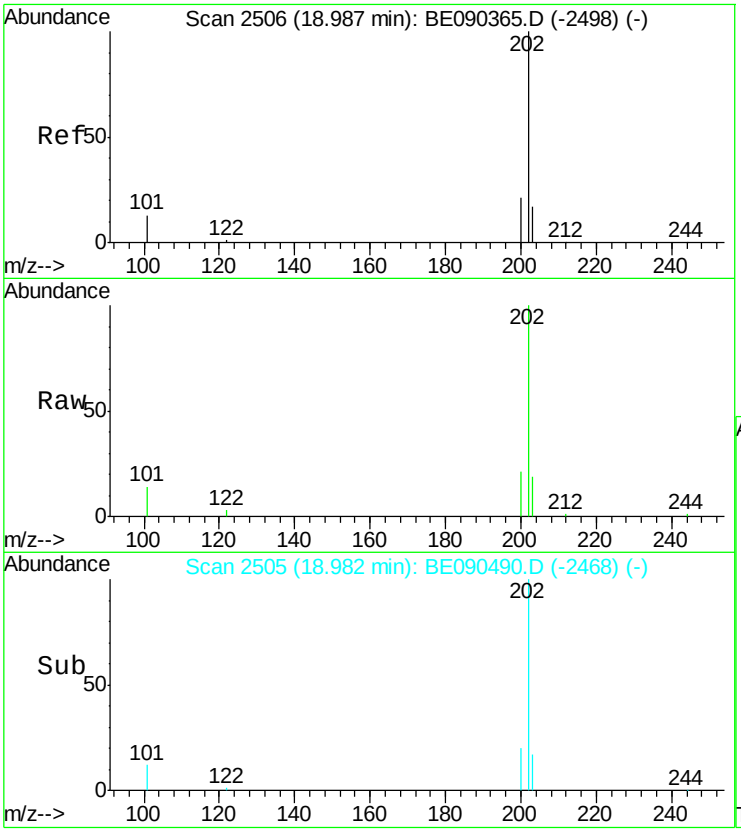


#22
Phenanthrene
Concen: 0.22 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:178 Resp: 6935

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	18.6	12.5	18.7

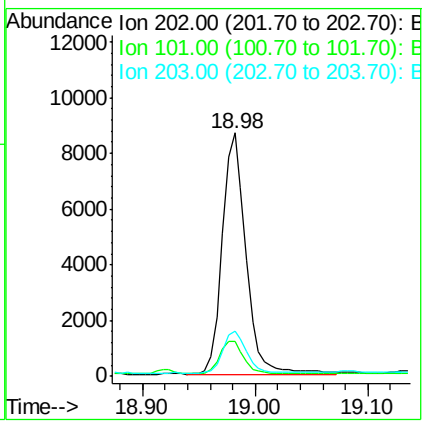




#24
Fluoranthene
Concen: 0.41 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:202 Resp: 12678

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
203	16.9	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
CSB-01

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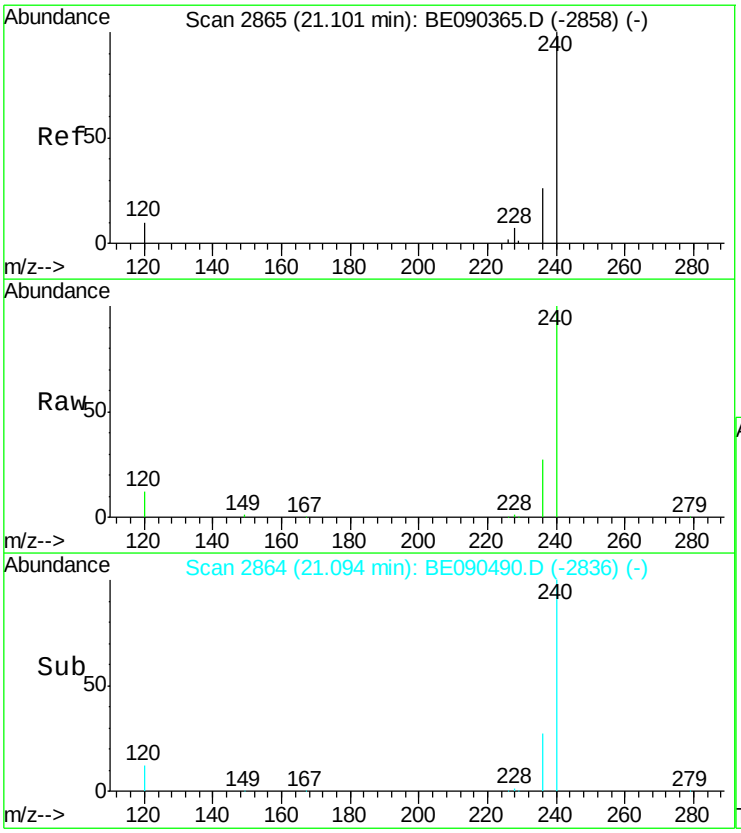
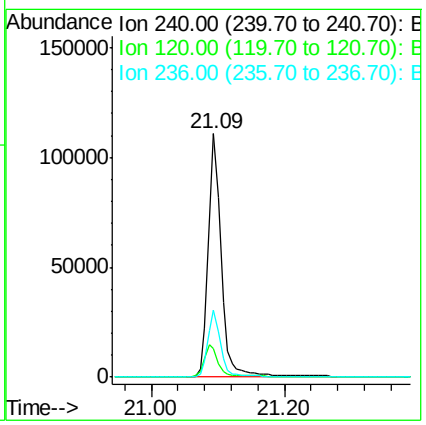
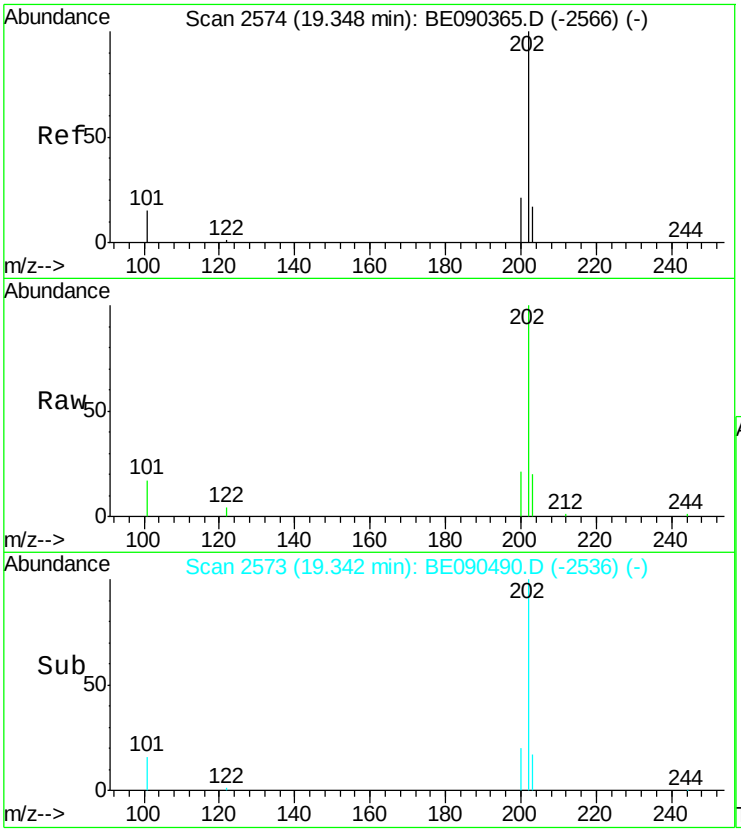


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:240 Resp: 149307

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	27.3	21.0	31.4





#26
Pyrene
Concen: 0.24 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:202 Resp: 7822

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	19.3	13.8	20.8

Instrument :
BNA_E
ClientSampleId :
CSB-01

Manual Integrations APPROVED
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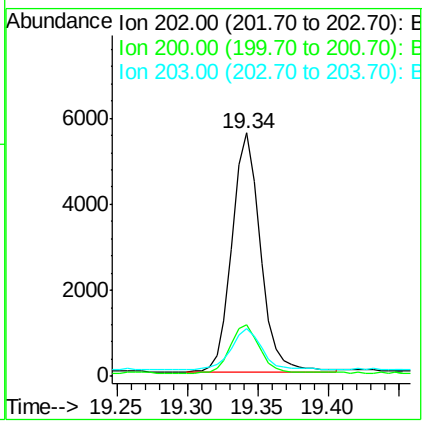
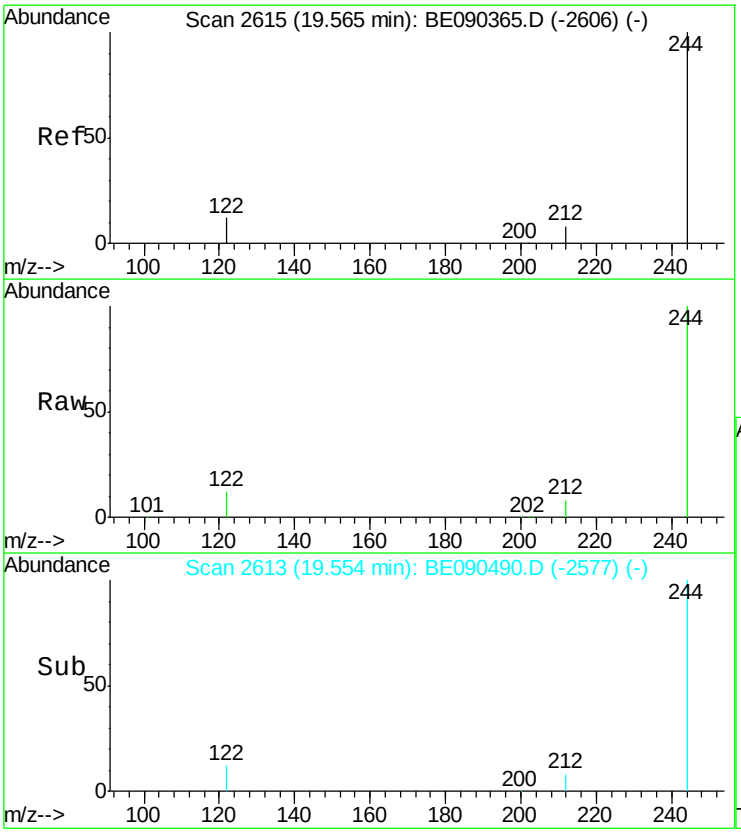
8/13/2015 3:35:22 PM

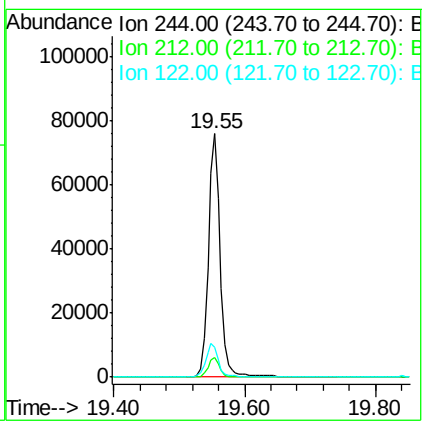


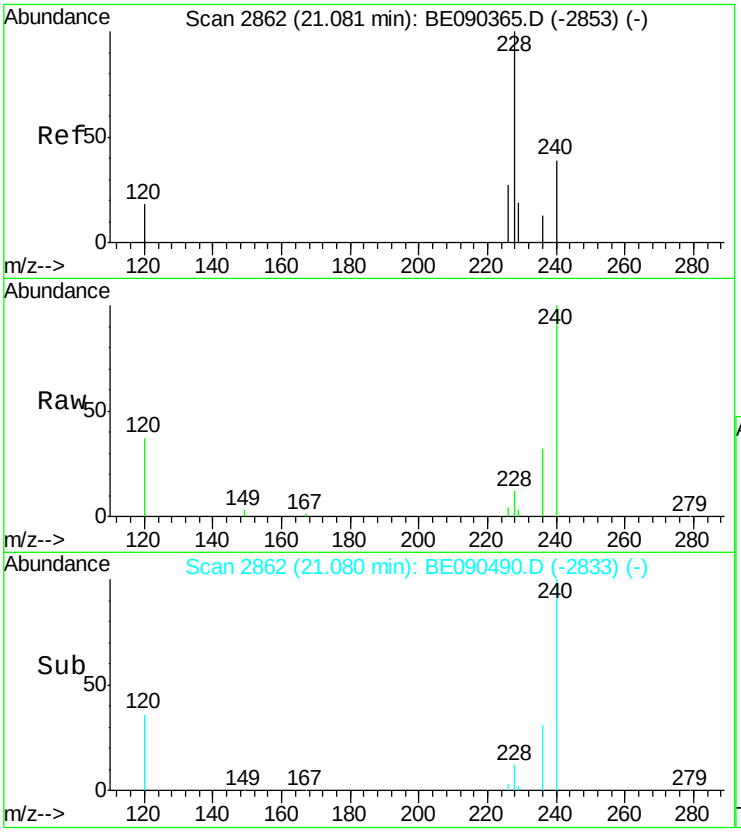


#27
Terphenyl-d14
Concen: 4.31 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:244 Resp: 94794

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	12.1	10.2	15.4





#28
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:228 Resp: 3793

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.9	32.9
229	26.5	15.4	23.0#

Instrument :
BNA_E
ClientSampleId :
CSB-01

Manual Integrations APPROVED
MMDadoda
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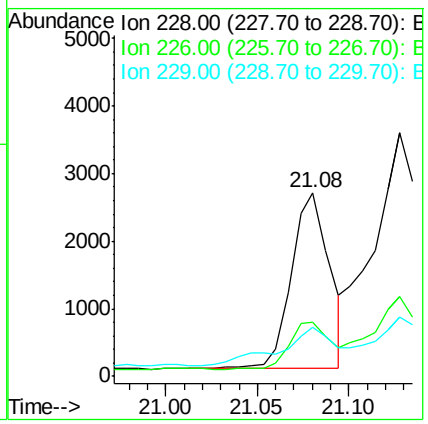
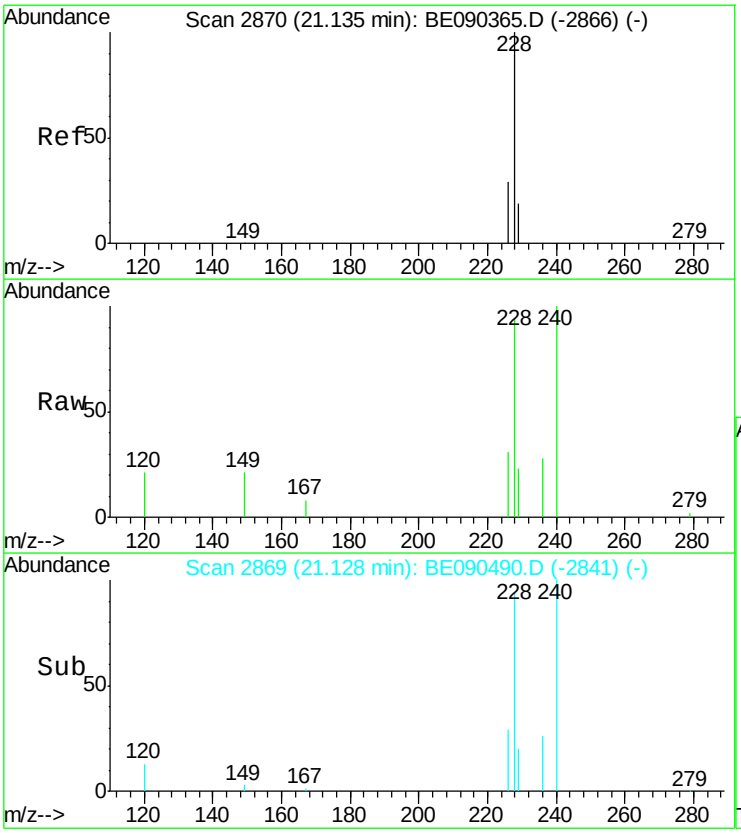
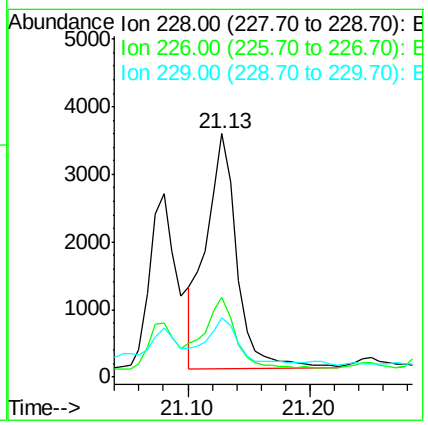


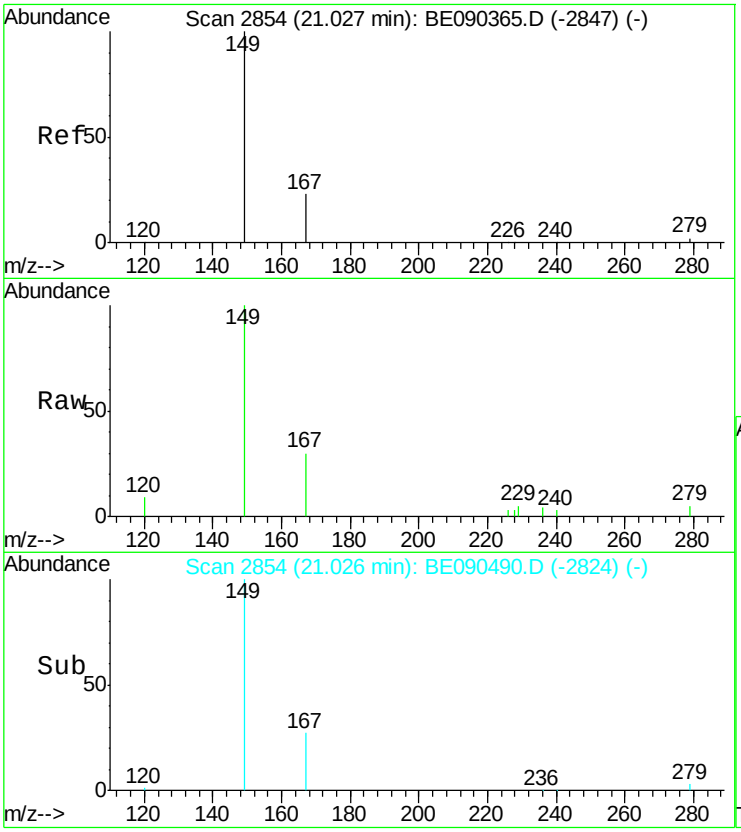


#29
Chrysene
Concen: 0.15 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:228 Resp: 6044

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.1	34.7
229	24.5	15.8	23.8#

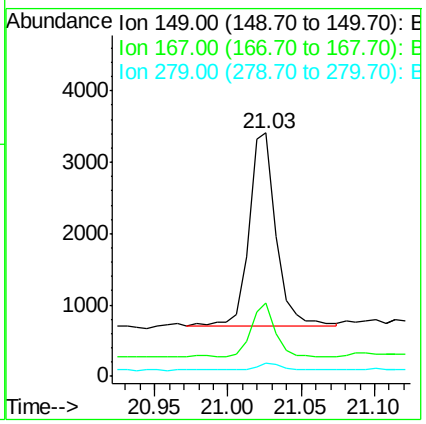




#30
Bis(2-ethylhexyl)phthalate
Concen: 0.54 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:149 Resp: 3532

Ion	Ratio	Lower	Upper
149	100		
167	24.4	19.8	29.8
279	3.4	2.4	3.6



Instrument :
BNA_E
ClientSampleId :
CSB-01

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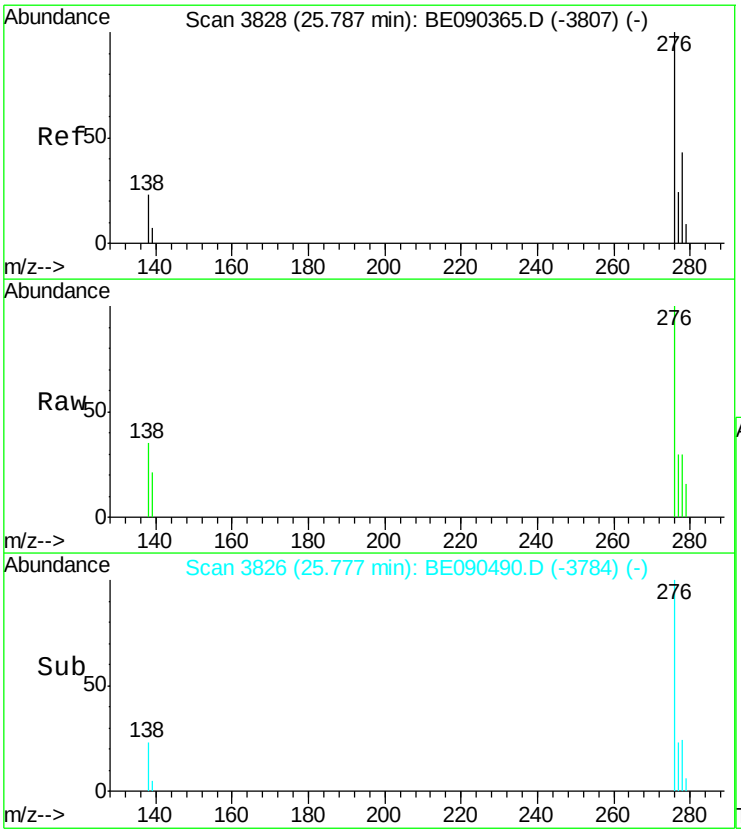
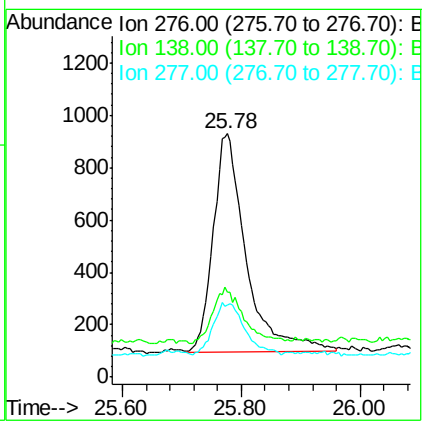
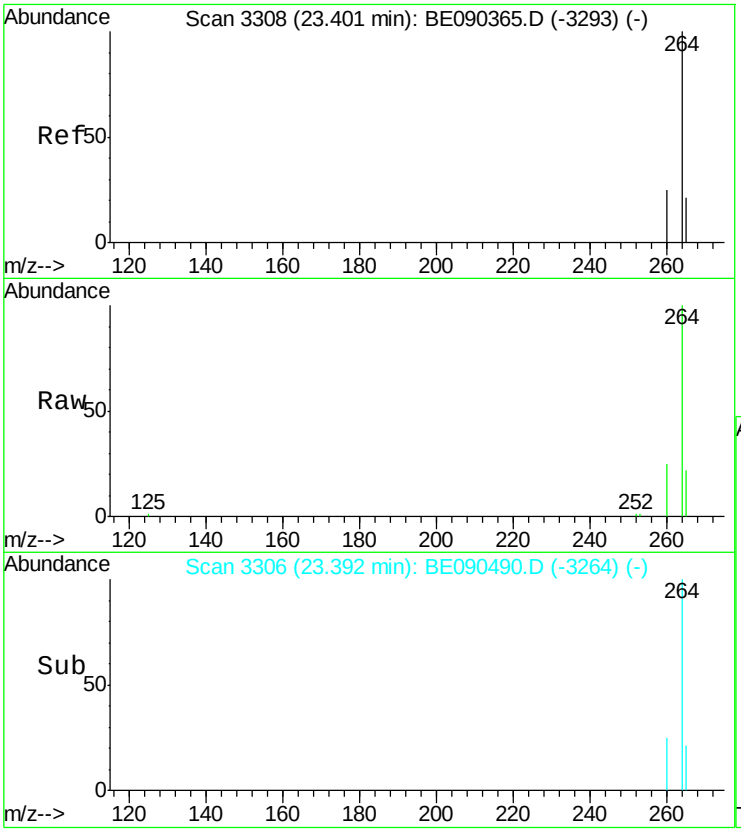


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng
RT: 25.78 min Scan# 3826
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:276 Resp: 3194

Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.8	28.2
277	22.8	18.2	27.4

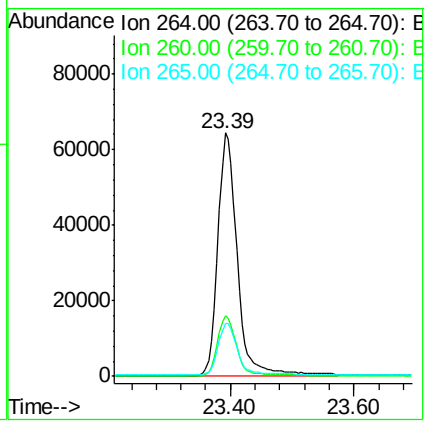




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3306
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:264 Resp: 141822

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.9	17.2	25.8



Instrument :
BNA_E
ClientSampleId :
CSB-01

Manual Integrations APPROVED
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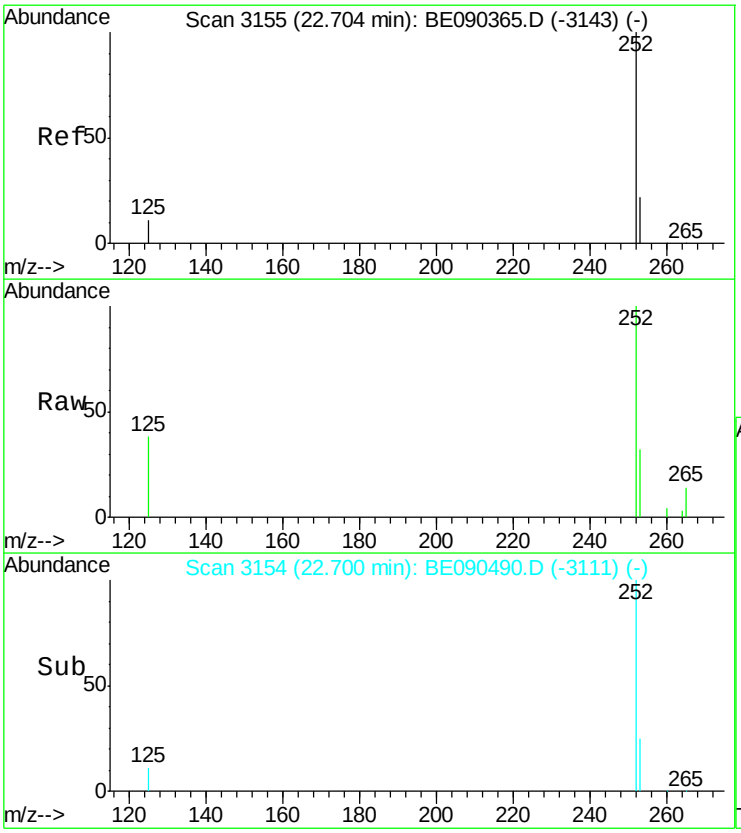
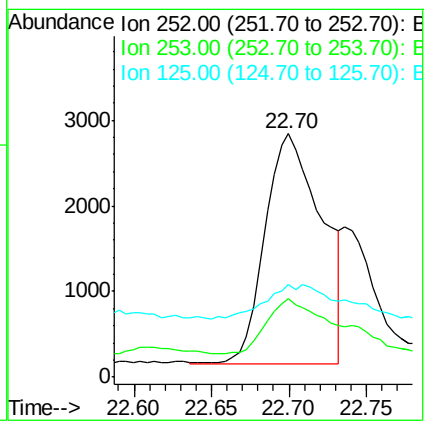
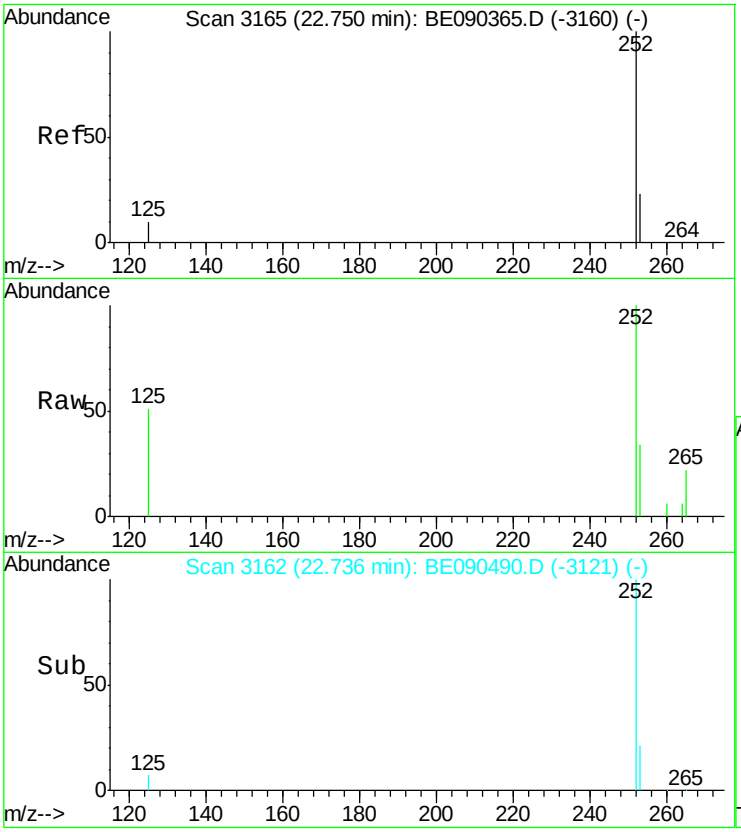


#33
Benzo(b)fluoranthene
Concen: 0.40 ng m
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:252 Resp: 6827

Ion	Ratio	Lower	Upper
252	100		
253	32.0	18.1	27.1#
125	37.8	9.4	14.2#





#34
Benzo(k)fluoranthene
Concen: 0.07 ng m
RT: 22.74 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:252 Resp: 2659

Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.1	27.1#
125	51.1	9.1	13.7#

Instrument :
BNA_E
ClientSampleId :
CSB-01

Manual Integrations APPROVED
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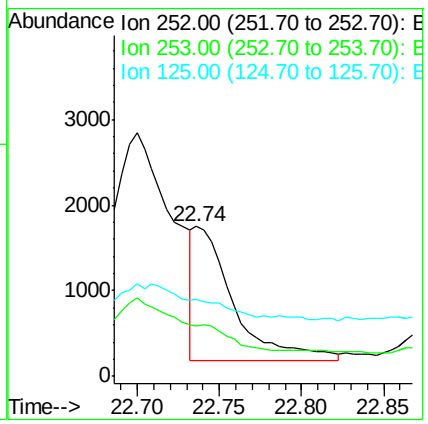

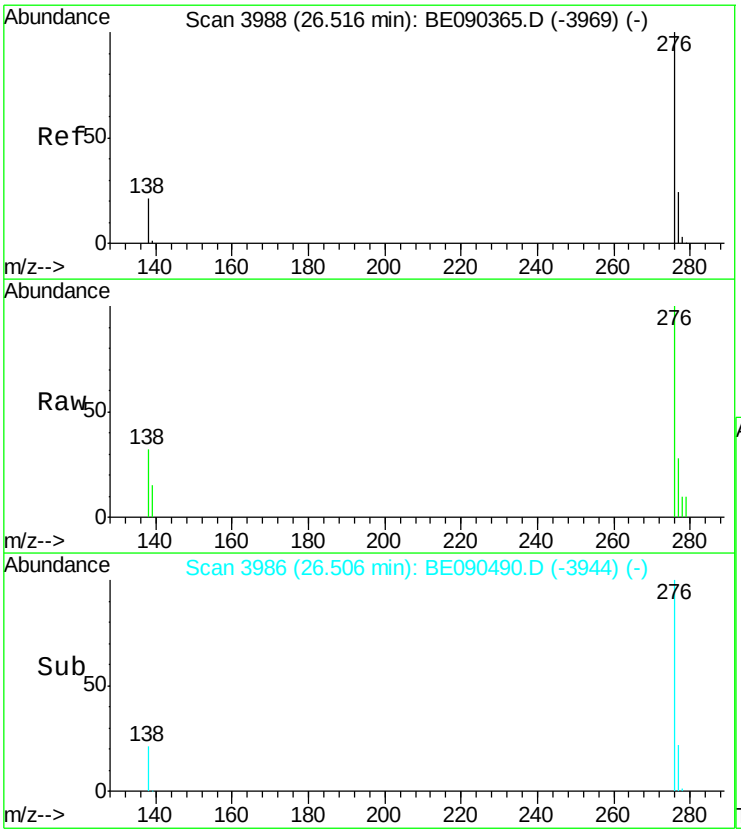

#37
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 26.51 min Scan# 3986
Delta R.T. -0.01 min
Lab File: BE090490.D
Acq: 13 Aug 2015 5:01

Tgt Ion:276 Resp: 3273

Ion	Ratio	Lower	Upper
276	100		
277	27.9	20.1	30.1
138	32.2	18.1	27.1#