Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031616\
Data File : BE091450.D
Acq On : 16 Mar 2016 19:22
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
Sohil
3/17/2016 5:22:10 PM

Quant Time: Mar 17 15:37:22 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE031616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 07:07:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	67850	5.00	ng		0.00
4) Naphthalene-d8	10.61	136	298773	5.00	ng		0.00
8) Acenaphthene-d10	14.45	164	180114	5.00	ng		0.00
13) Phenanthrene-d10	17.19	188	463987	5.00	ng		0.01
19) Chrysene-d12	21.34	240	549466	5.00	ng		0.00
25) Perylene-d12	23.81	264	588767	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.99	82	1295	0.09	ng		0.00
9) 2-Fluorobiphenyl	13.08	172	4708	0.11	ng		0.00
21) Terphenyl-d14	19.80	244	9434	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1282	0.20	ng	#	100
3) n-Nitrosodimethylamine	3.68	42	1247	0.17	ng	#	100
6) Naphthalene	10.67	128	7850	0.11	ng		97
7) 2-Methylnaphthalene	12.27	142	4870	0.12	ng		97
10) Acenaphthylene	14.16	152	7560	0.03	ng	#	100
11) Acenaphthene	14.51	154	5738	0.11	ng	#	100
12) Fluorene	15.49	166	7556	0.11	ng	#	100
14) Hexachlorobenzene	16.50	284	2136	0.08	ng	#	100
16) Phenanthrene	17.23	178	14402	0.09	ng	#	100
17) Anthracene	17.32	178	11621	0.05	ng	#	100
18) Fluoranthene	19.22	202	15795	0.07	ng	#	61
20) Pyrene	19.59	202	17130	0.11	ng	#	92
22) Benzo(a)anthracene	21.31	228	25474m	0.13	ng		
23) Chrysene	21.38	228	26443m	0.13	ng		
24) Indeno(1,2,3-cd)pyrene	26.41	276	20707	0.12	ng	#	100
26) Benzo(b)fluoranthene	23.06	252	24194	0.14	ng	#	80
27) Benzo(k)fluoranthene	23.10	252	22039	0.14	ng	#	81
28) Benzo(a)pyrene	23.69	252	18118	0.12	ng	#	71
29) Dibenzo(a,h)anthracene	26.44	278	17196	0.12	ng	#	86
30) Benzo(g,h,i)perylene	27.21	276	18595	0.12	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031616\
Data File : BE091450.D
Acq On : 16 Mar 2016 19:22
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 17 15:37:22 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE031616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 07:07:36 2016
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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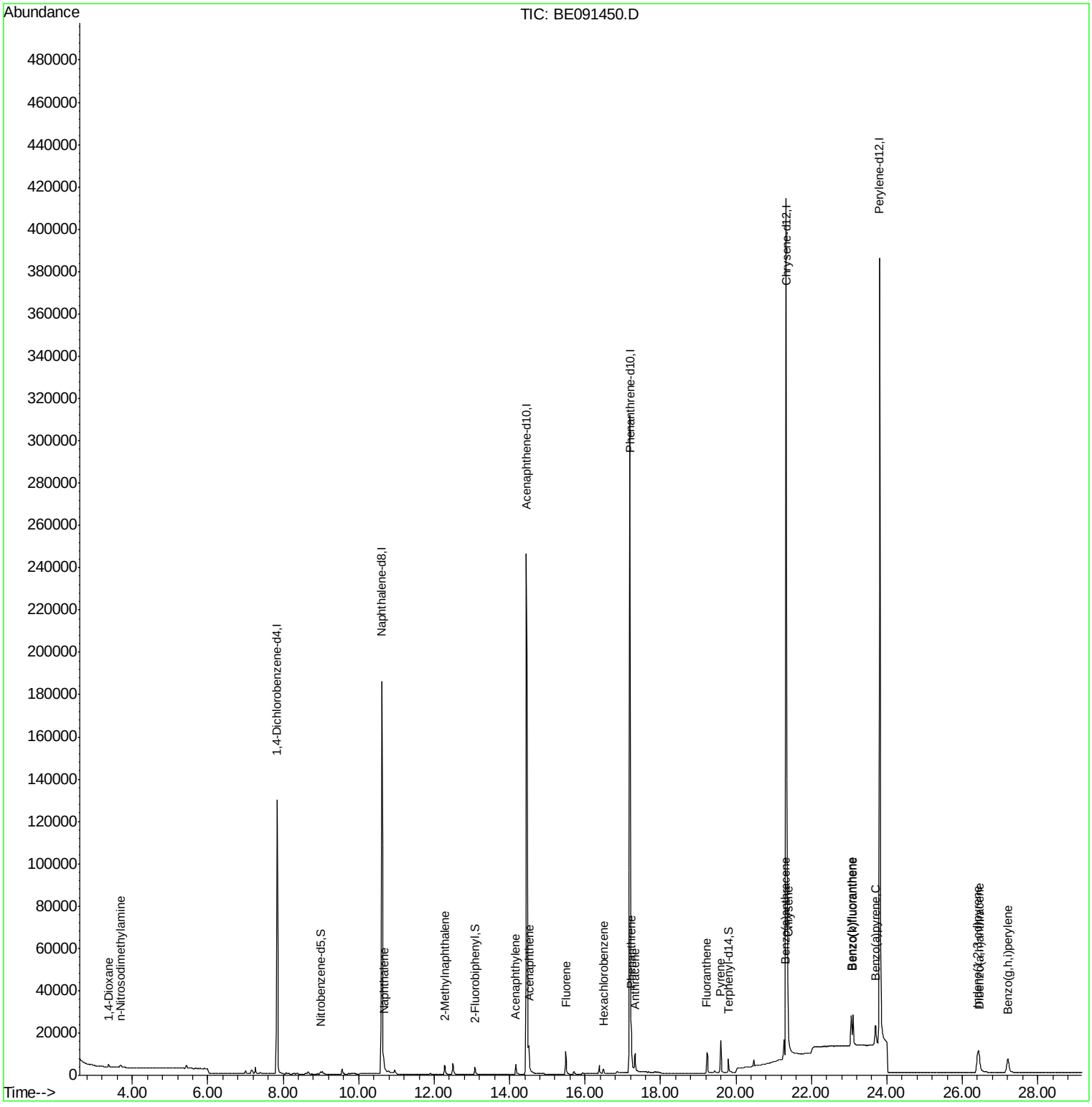
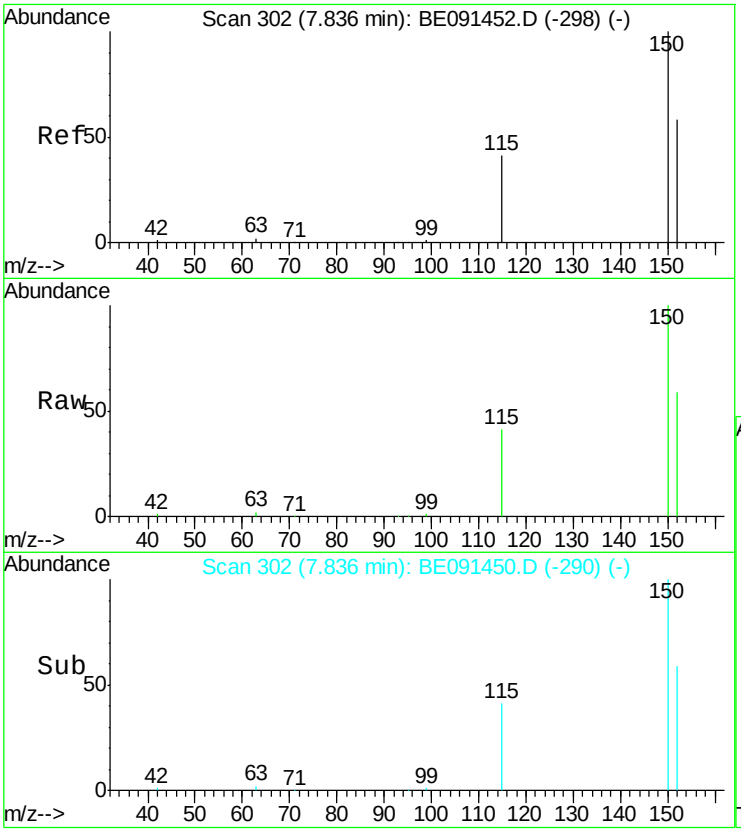
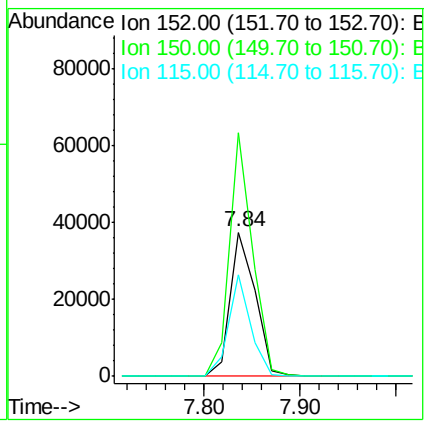




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 302
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:152 Resp: 67850

Ion	Ratio	Lower	Upper
152	100		
150	169.3	136.8	205.2
115	70.3	56.9	85.3



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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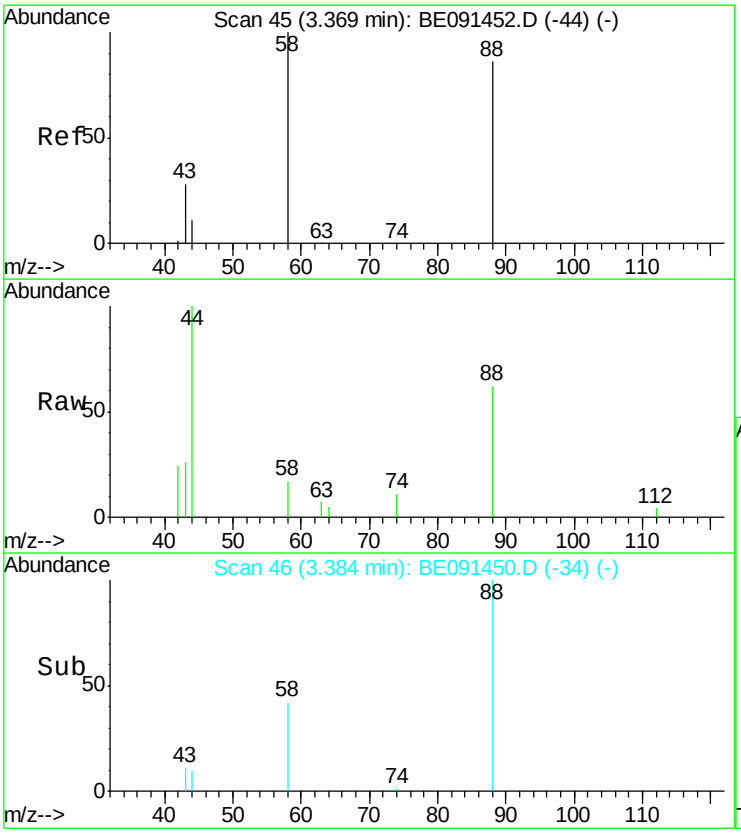
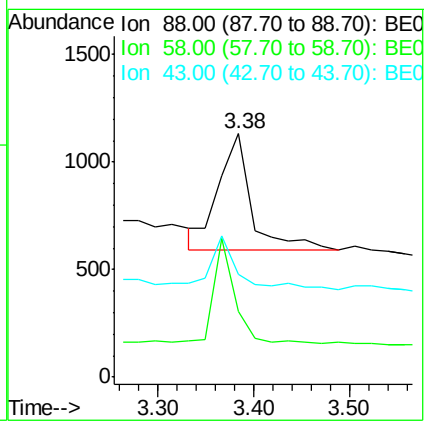
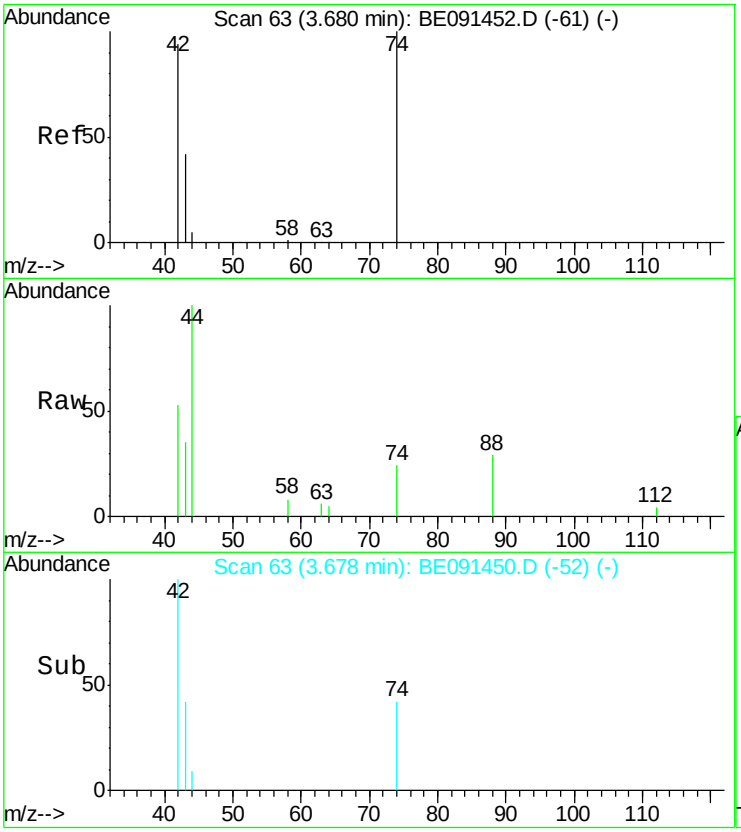


#2
1,4-Dioxane
Concen: 0.20 ng
RT: 3.38 min Scan# 46
Delta R.T. 0.02 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion: 88 Resp: 1282

Ion	Ratio	Lower	Upper
88	100		
58	57.3	0.0	0.0#
43	39.9	0.0	0.0#

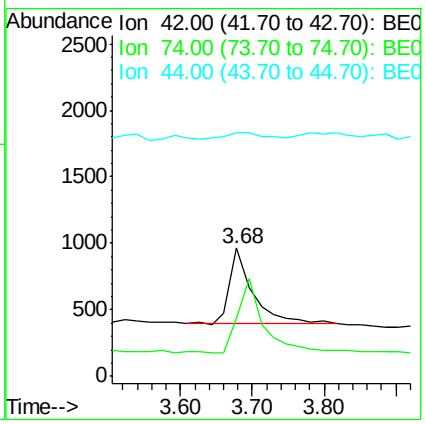




#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.68 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion: 42 Resp: 1247

Ion	Ratio	Lower	Upper
42	100		
74	113.1	0.0	0.0#
44	13.4	0.0	0.0#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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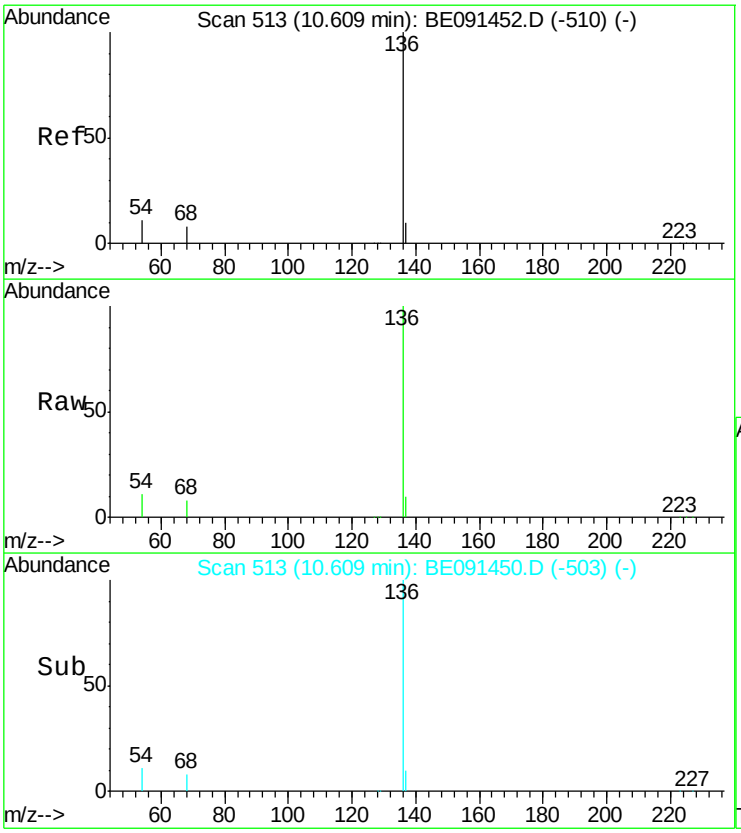
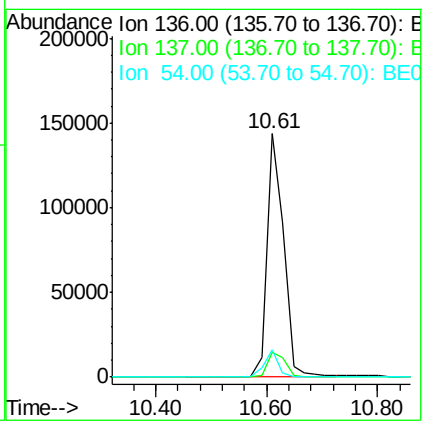
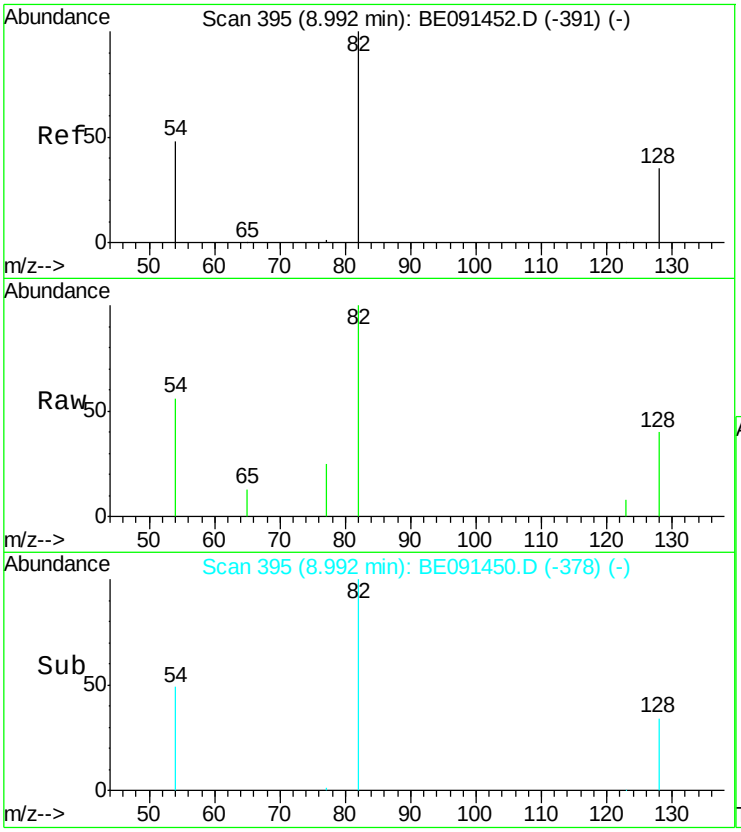


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.61 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:136 Resp: 298773

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.0	12.0
54	11.3	9.1	13.7

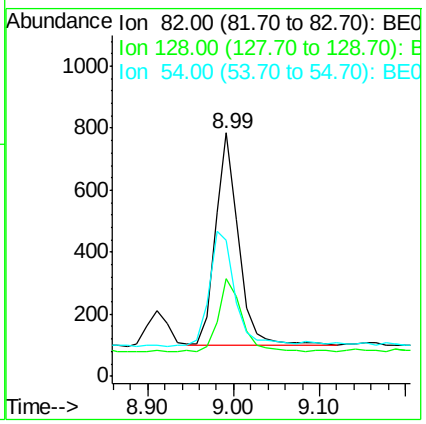




#5
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.99 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion: 82 Resp: 1295

Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.4	44.2
54	56.1	39.8	59.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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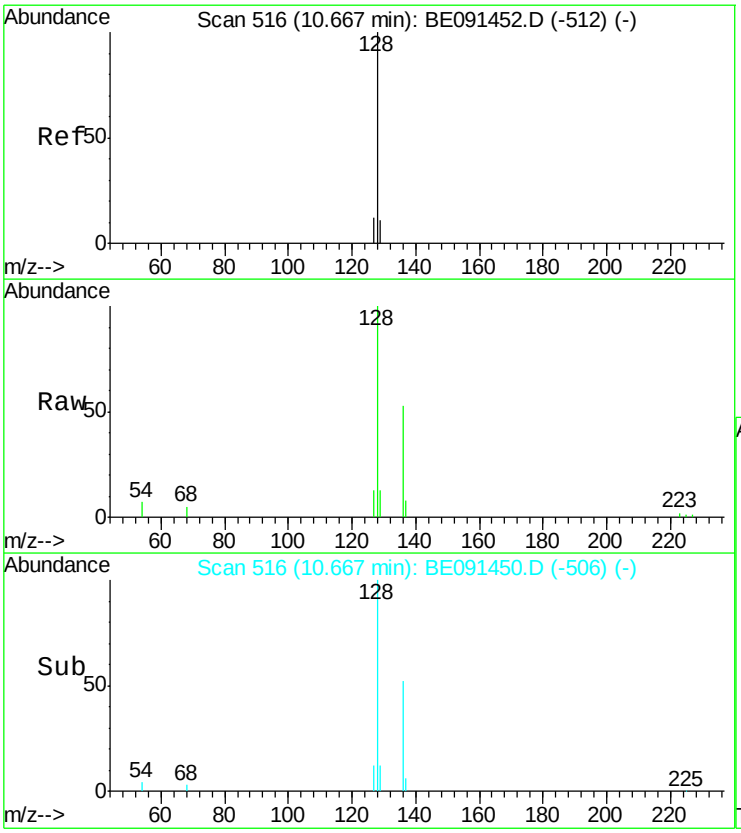
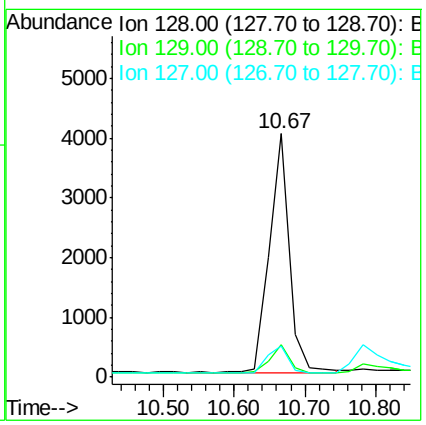
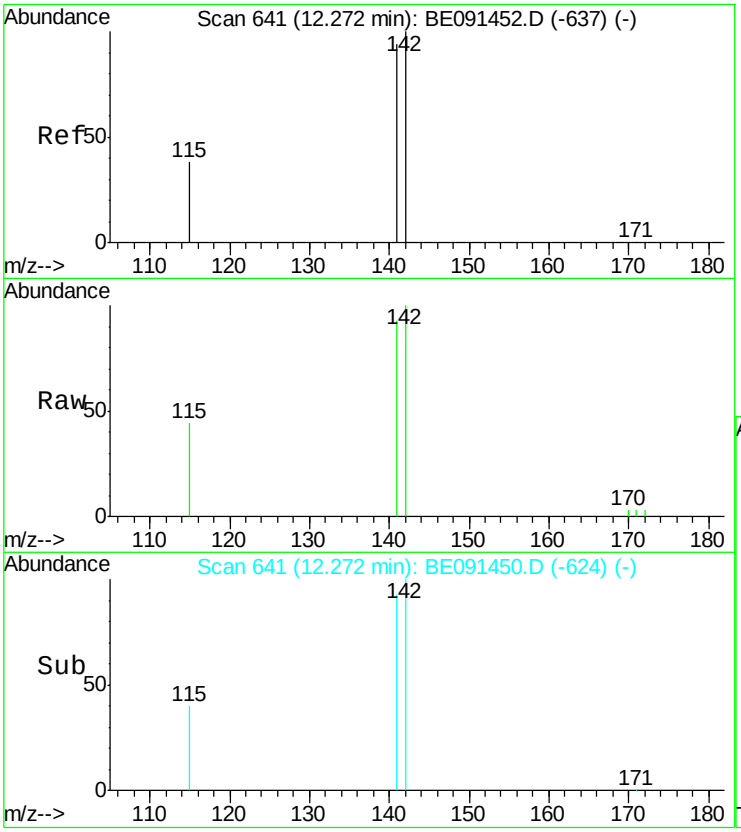


#6
Naphthalene
Concen: 0.11 ng
RT: 10.67 min Scan# 516
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:128 Resp: 7850

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.4	14.0
127	13.0	9.7	14.5

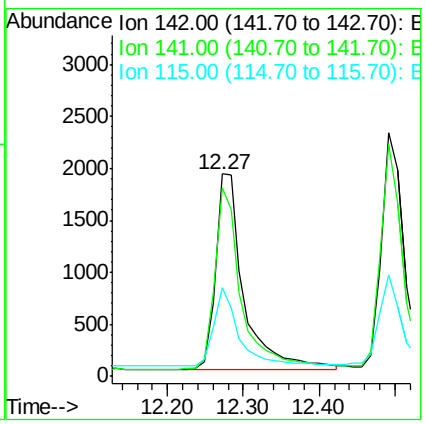




#7
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.27 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:142 Resp: 4870

Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.0	112.4
115	43.9	30.8	46.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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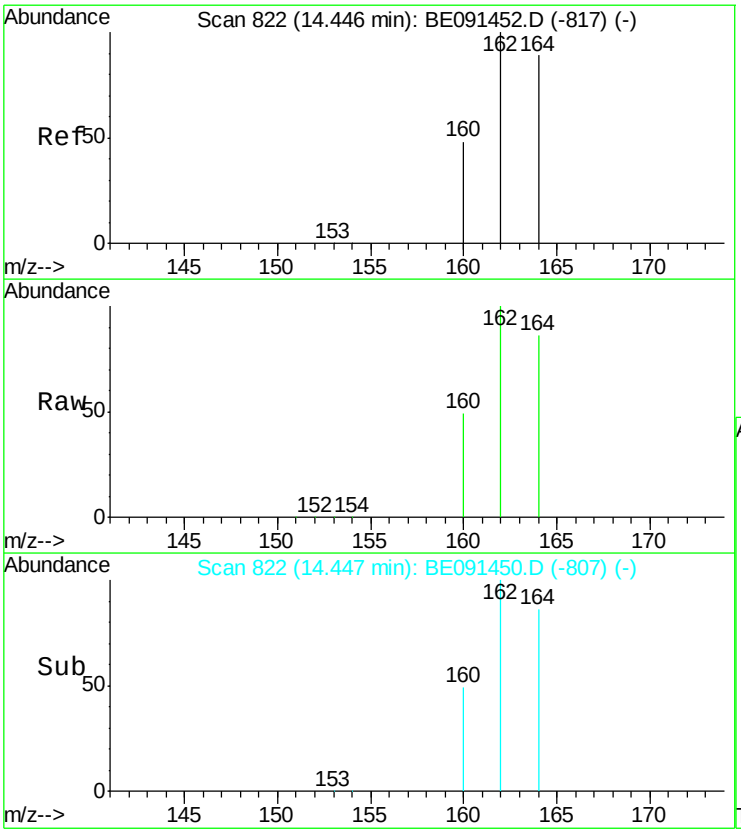
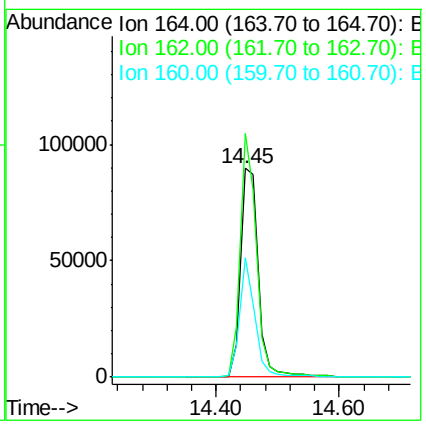
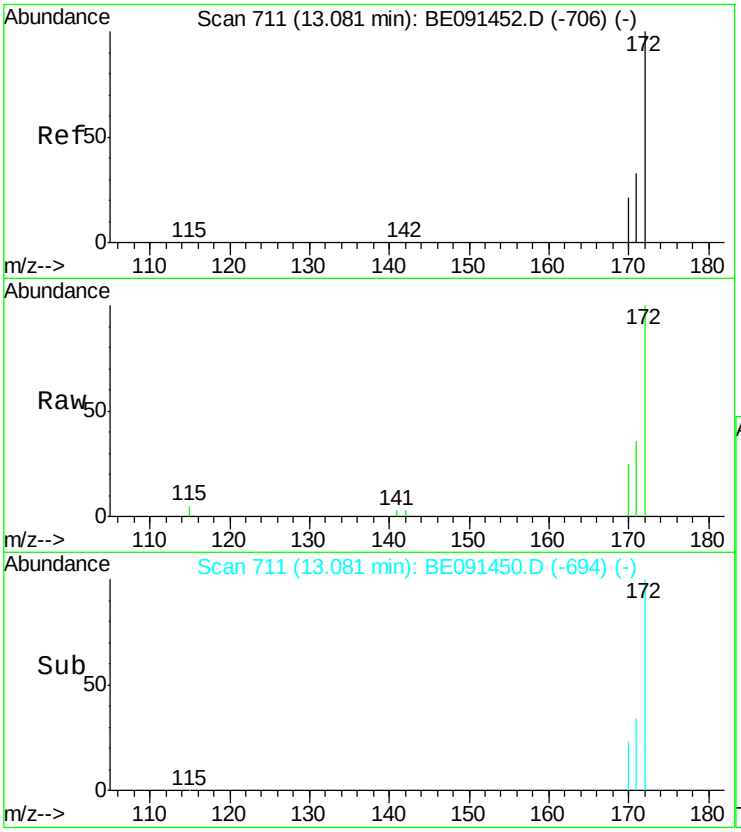


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.45 min Scan# 822
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:164 Resp: 180114

Ion	Ratio	Lower	Upper
164	100		
162	116.5	89.8	134.8
160	57.1	43.1	64.7

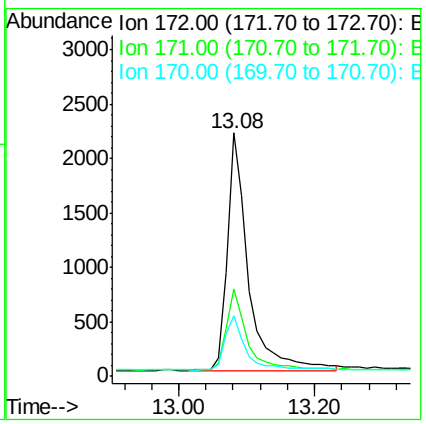




#9
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.08 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:172 Resp: 4708

Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.7	40.1
170	25.1	17.4	26.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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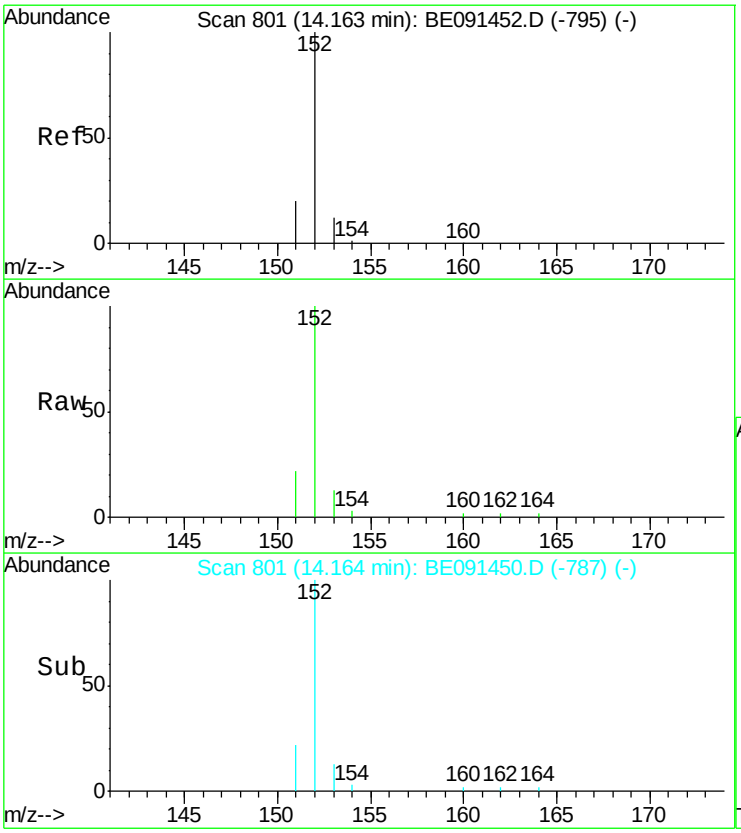
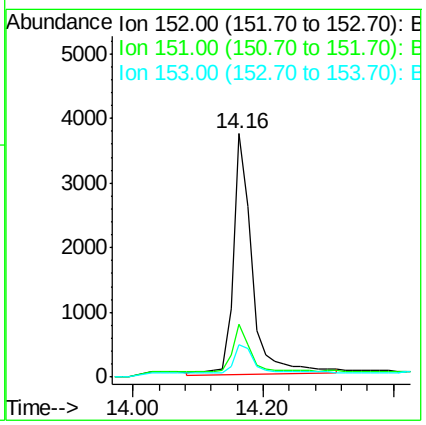
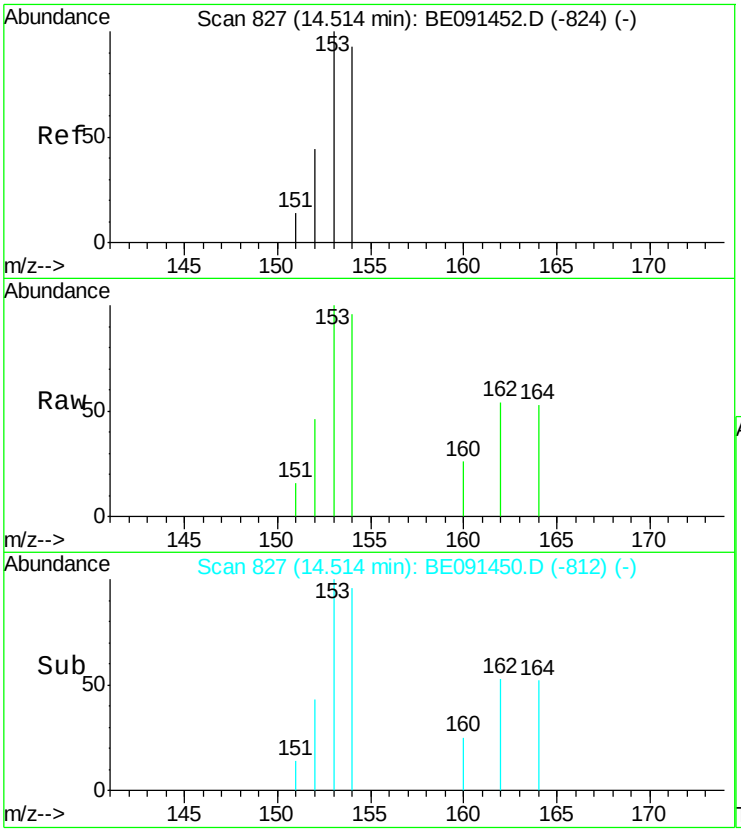


#10
Acenaphthylene
Concen: 0.03 ng
RT: 14.16 min Scan# 801
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:152 Resp: 7560

Ion	Ratio	Lower	Upper
152	100		
151	22.0	0.0	0.0#
153	15.9	0.0	0.0#





#11
Acenaphthene
Concen: 0.11 ng
RT: 14.51 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:154 Resp: 5738

Ion	Ratio	Lower	Upper
154	100		
153	115.9	0.0	0.0#
152	56.6	0.0	0.0#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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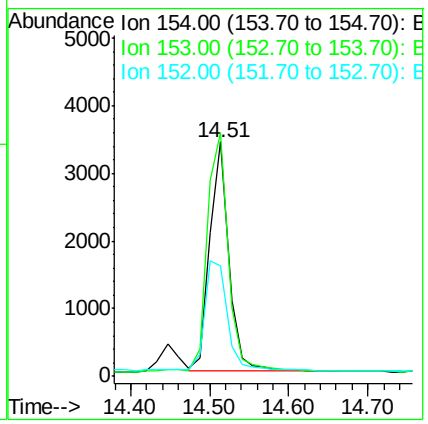
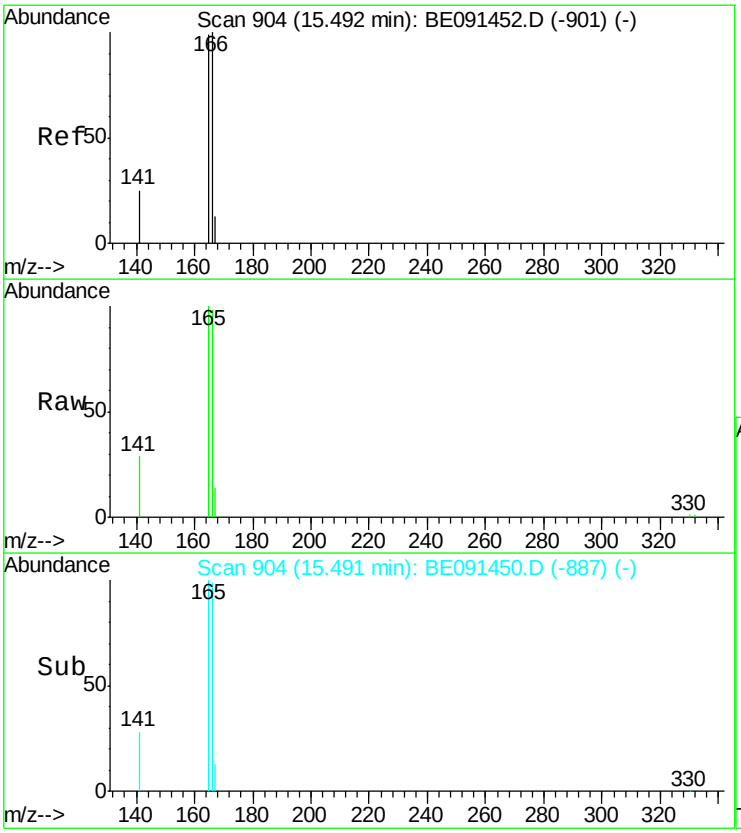
3/17/2016 5:22:10 PM

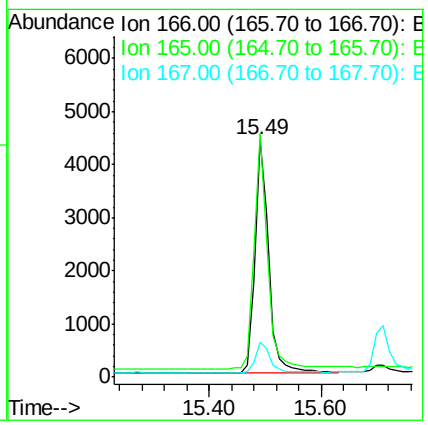


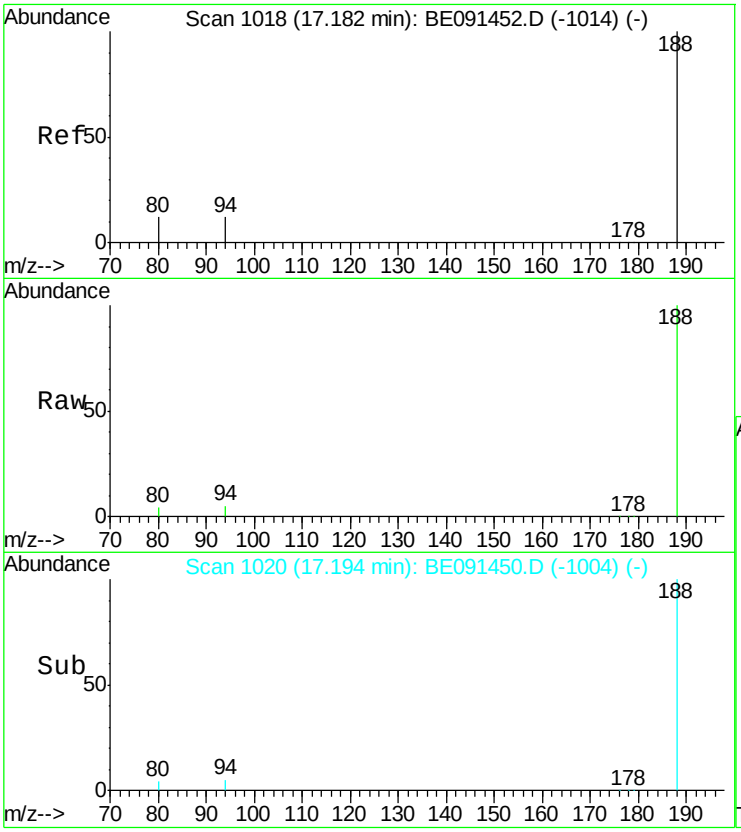


#12
Fluorene
Concen: 0.11 ng
RT: 15.49 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:166 Resp: 7556

Ion	Ratio	Lower	Upper
166	100		
165	99.5	0.0	0.0#
167	13.8	0.0	0.0#





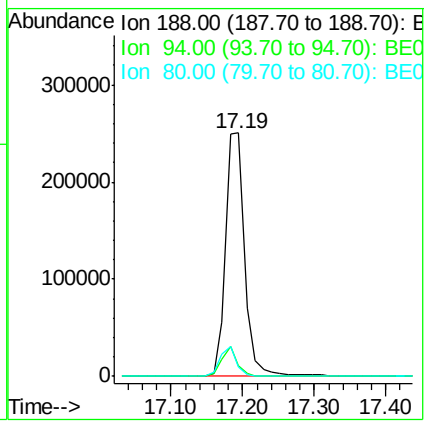
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.19 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

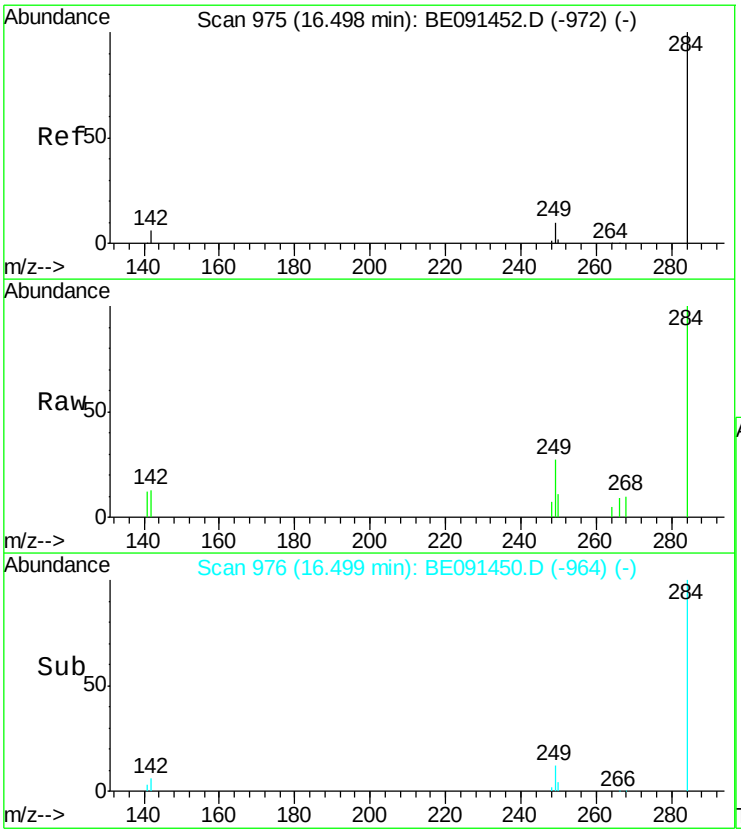
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
Sohil
3/17/2016 5:22:10 PM

Tgt Ion:188 Resp: 463987

Ion	Ratio	Lower	Upper
188	100		
94	4.6	9.5	14.3#
80	4.0	9.8	14.8#

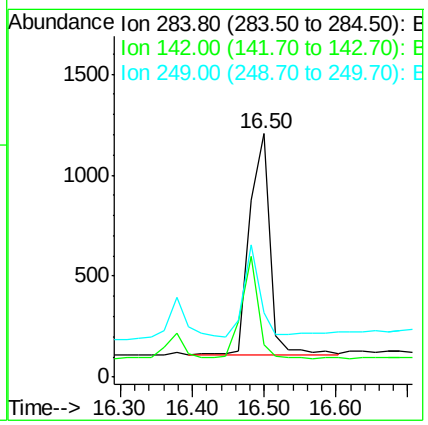


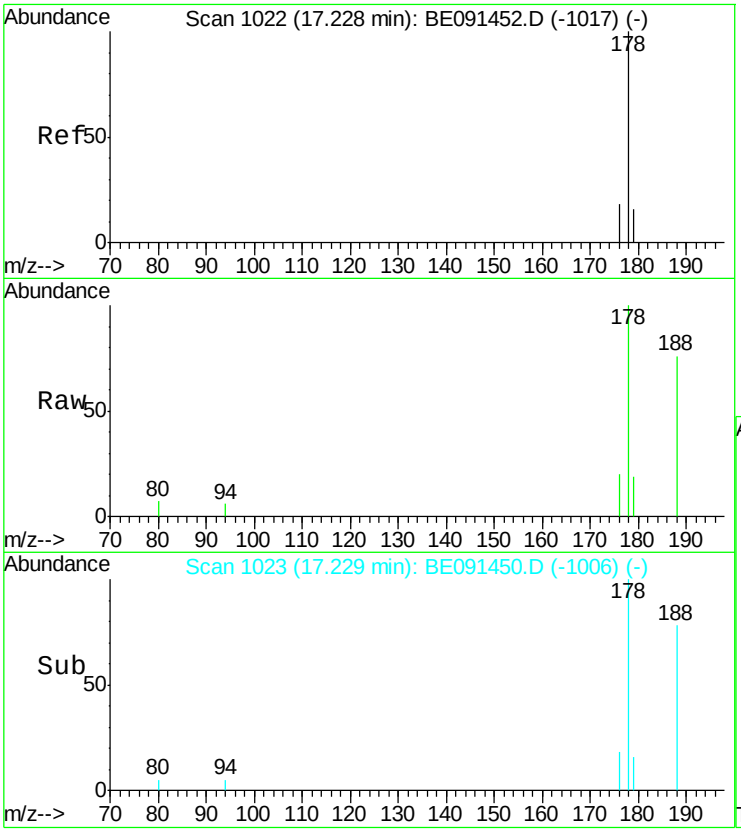


#14
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.50 min Scan# 976
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:284 Resp: 2136

Ion	Ratio	Lower	Upper
284	100		
142	38.6	0.0	0.0#
249	33.0	0.0	0.0#





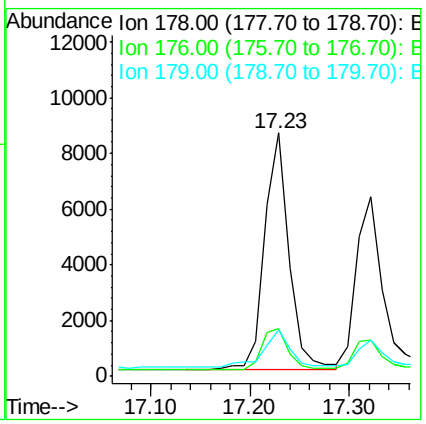
#16
Phenanthrene
Concen: 0.09 ng
RT: 17.23 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

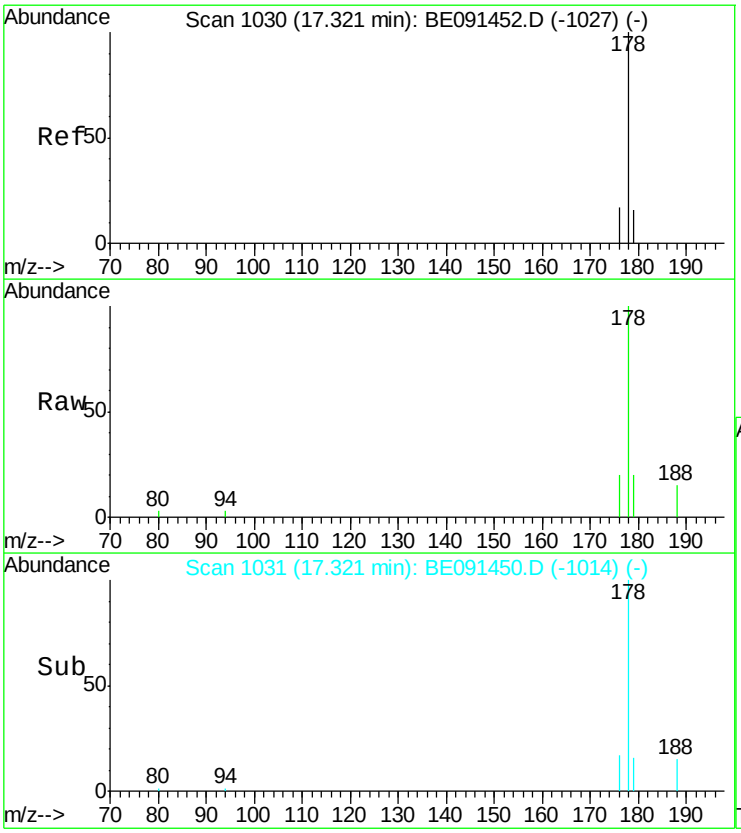
Tgt Ion:178 Resp: 14402

Ion	Ratio	Lower	Upper
178	100		
176	20.1	0.0	0.0#
179	18.6	0.0	0.0#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
Sohil
3/17/2016 5:22:10 PM

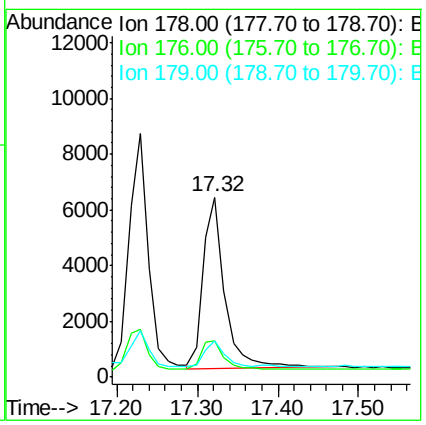


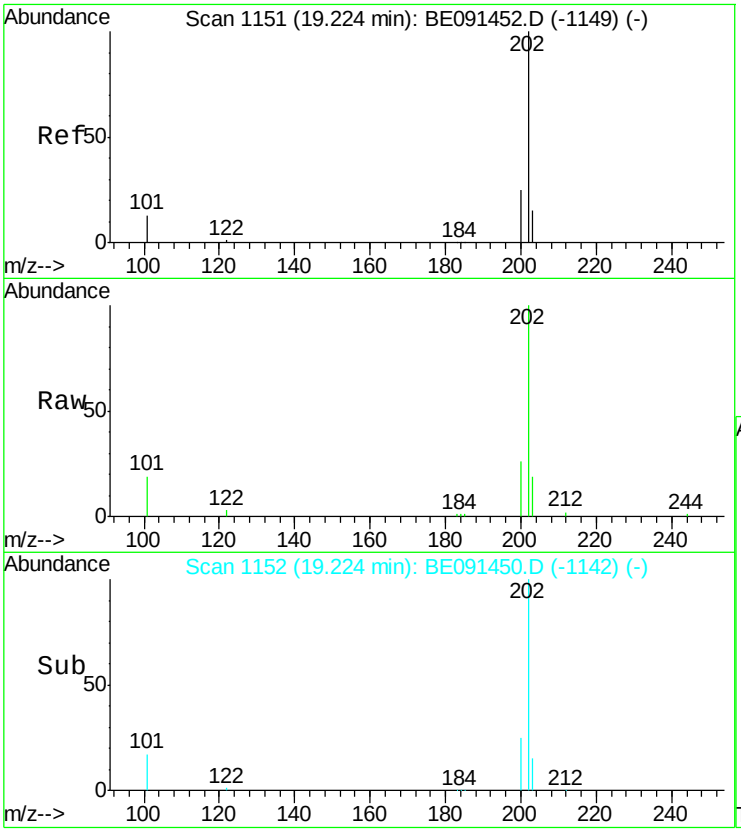


#17
Anthracene
Concen: 0.05 ng
RT: 17.32 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:178 Resp: 11621

Ion	Ratio	Lower	Upper
178	100		
176	17.7	0.0	0.0#
179	14.6	0.0	0.0#





#18
Fluoranthene
Concen: 0.07 ng
RT: 19.22 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:202 Resp: 15795

Ion	Ratio	Lower	Upper
202	100		
101	12.6	1.1	1.7#
203	20.9	1.0	1.6#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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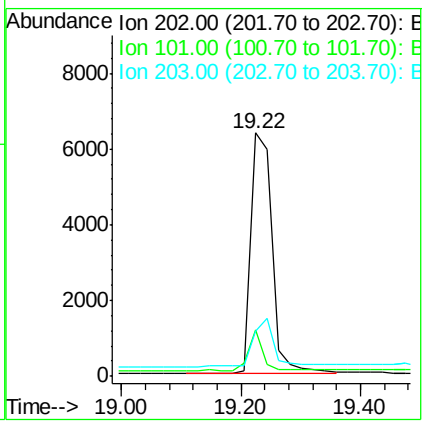
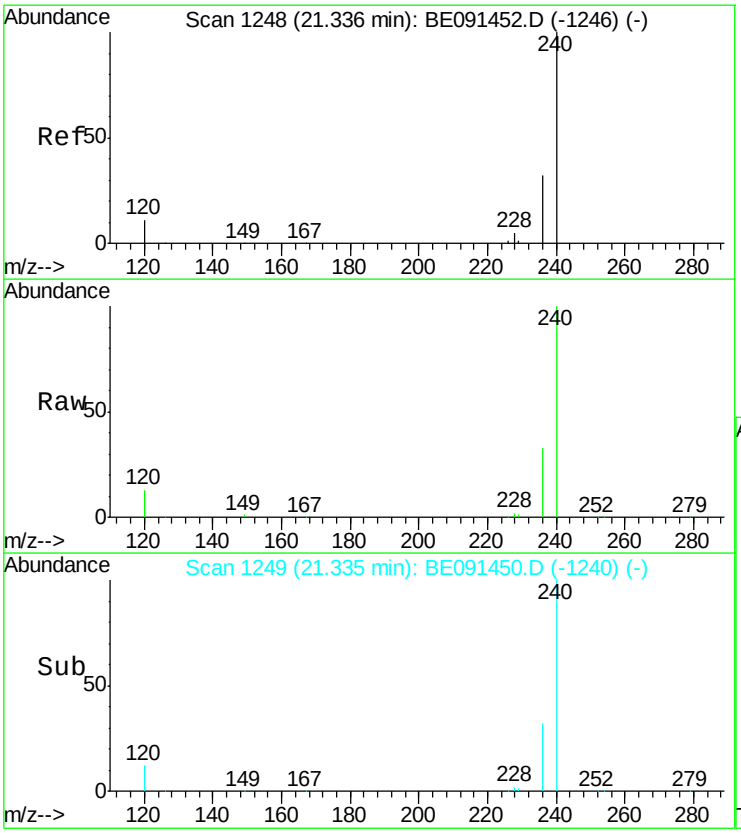
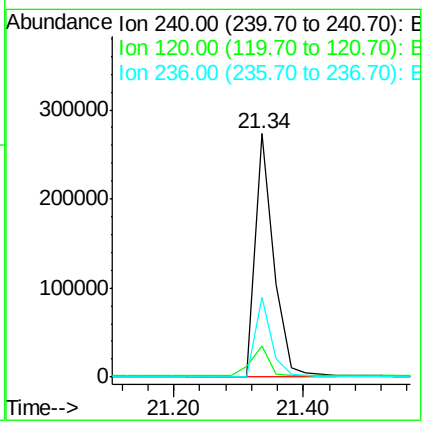


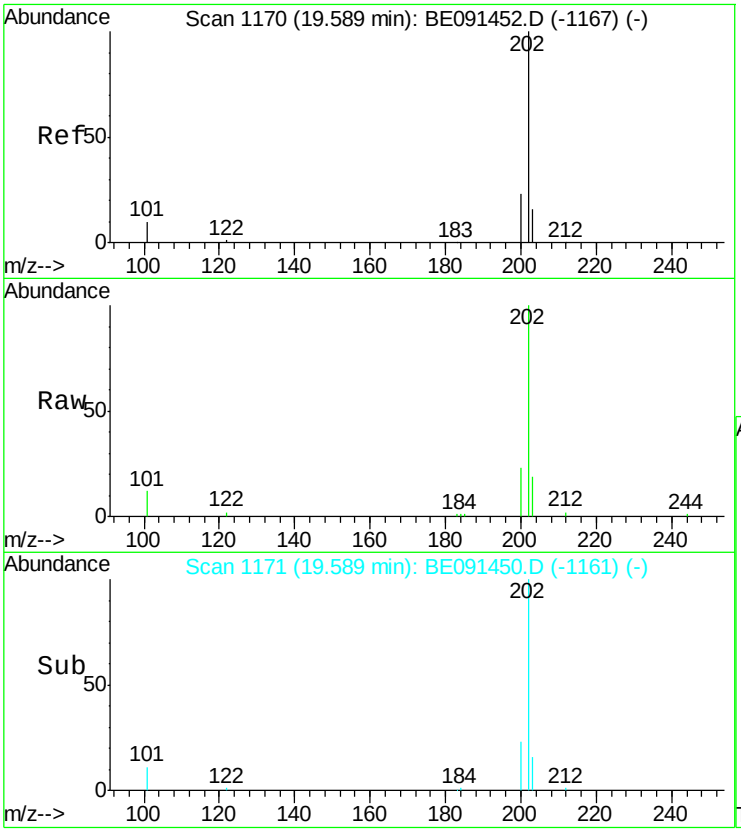


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:240 Resp: 549466

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.8	13.2
236	32.5	25.7	38.5





#20
Pyrene
Concen: 0.11 ng
RT: 19.59 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:202 Resp: 17130

Ion	Ratio	Lower	Upper
202	100		
200	21.3	0.0	0.0#
203	19.4	0.1	0.1#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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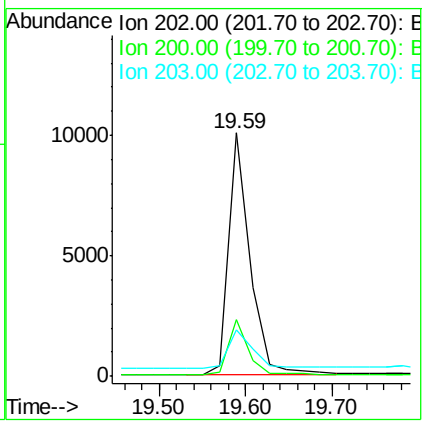
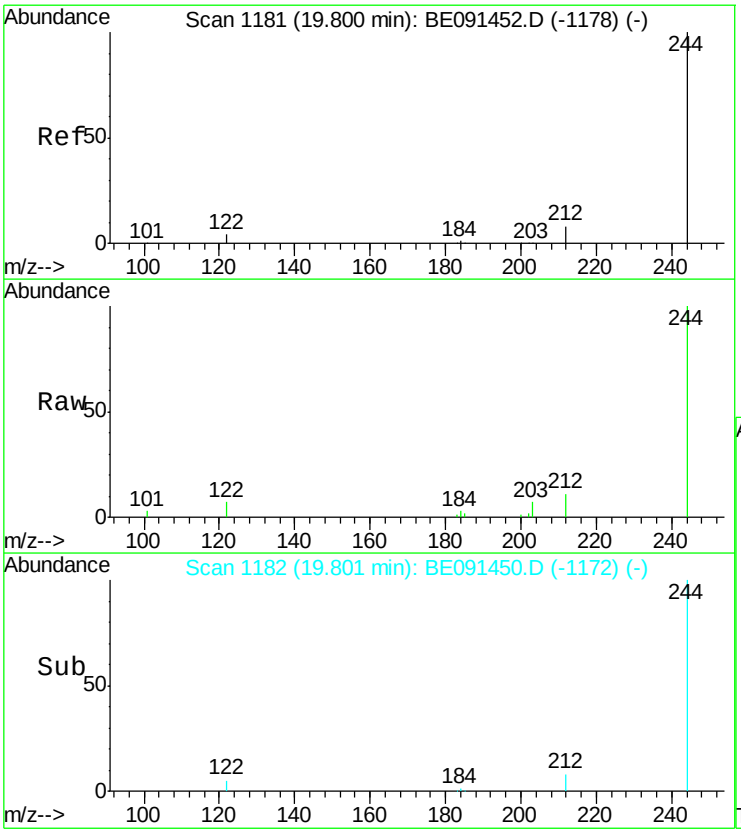
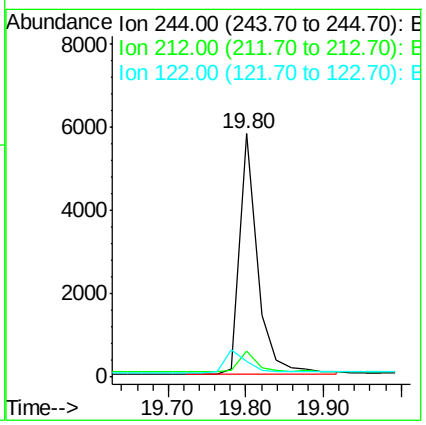


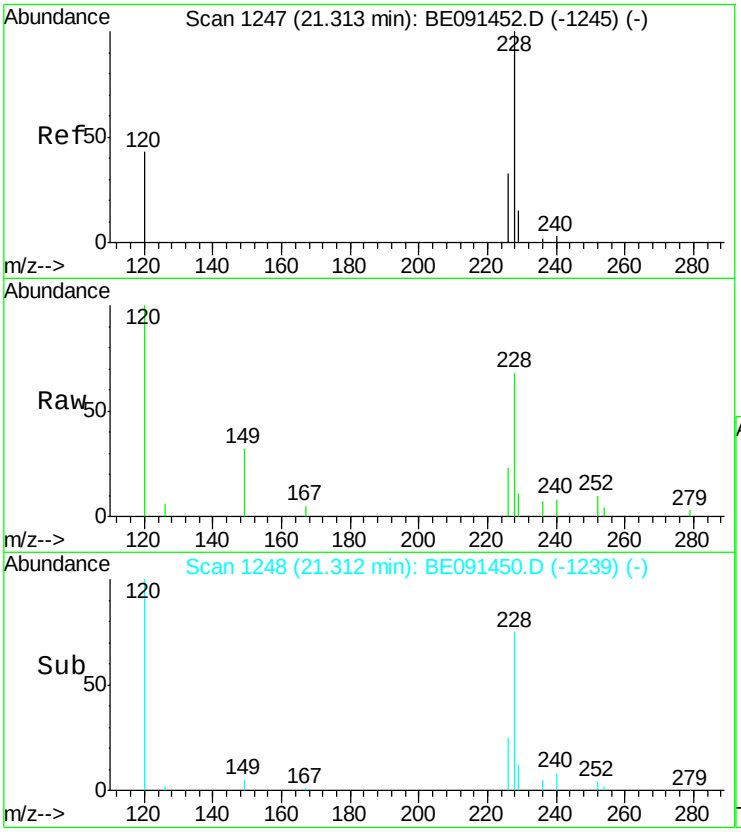


#21
Terphenyl-d14
Concen: 0.11 ng
RT: 19.80 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:244 Resp: 9434

Ion	Ratio	Lower	Upper
244	100		
212	10.6	6.6	10.0#
122	6.7	3.4	5.0#

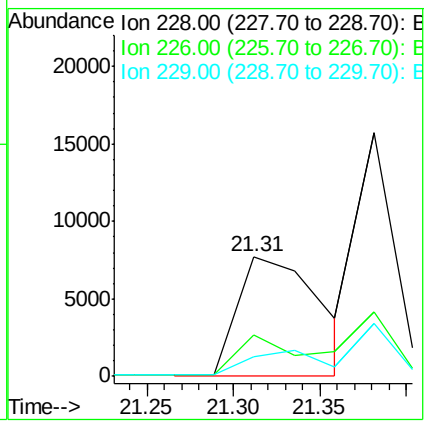




#22
Benzo(a)anthracene
Concen: 0.13 ng m
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:228 Resp: 25474

Ion	Ratio	Lower	Upper
228	100		
226	34.3	27.1	40.7
229	16.7	12.3	18.5



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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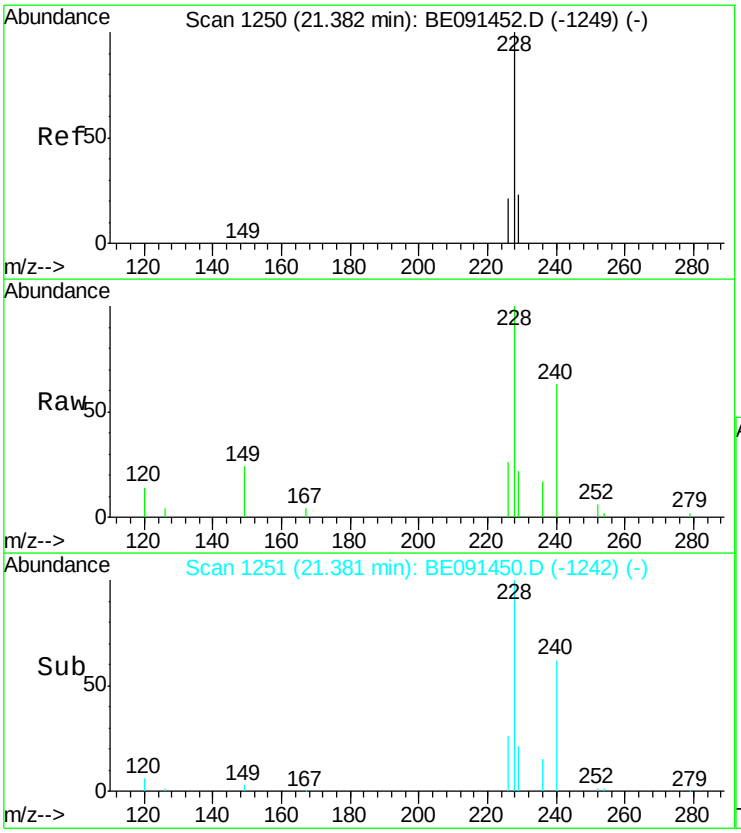
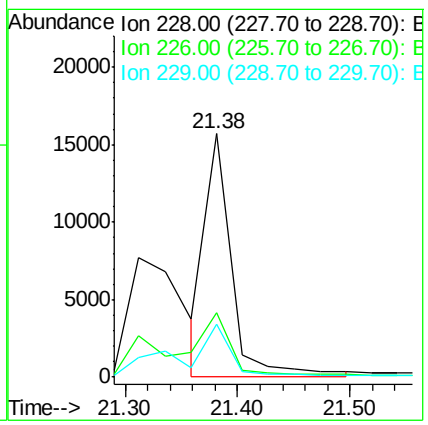
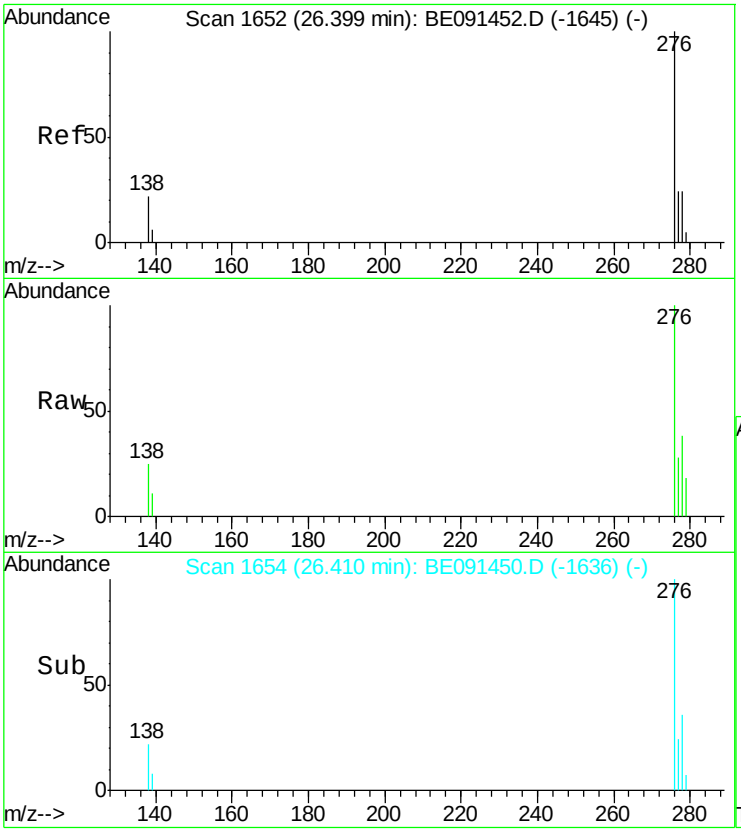


#23
Chrysene
Concen: 0.13 ng m
RT: 21.38 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:228 Resp: 26443

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.3	30.5
229	21.8	17.4	26.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 26.41 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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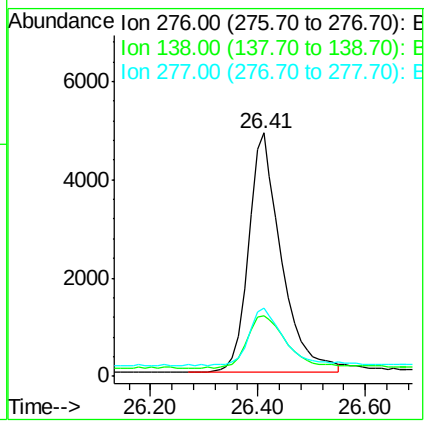
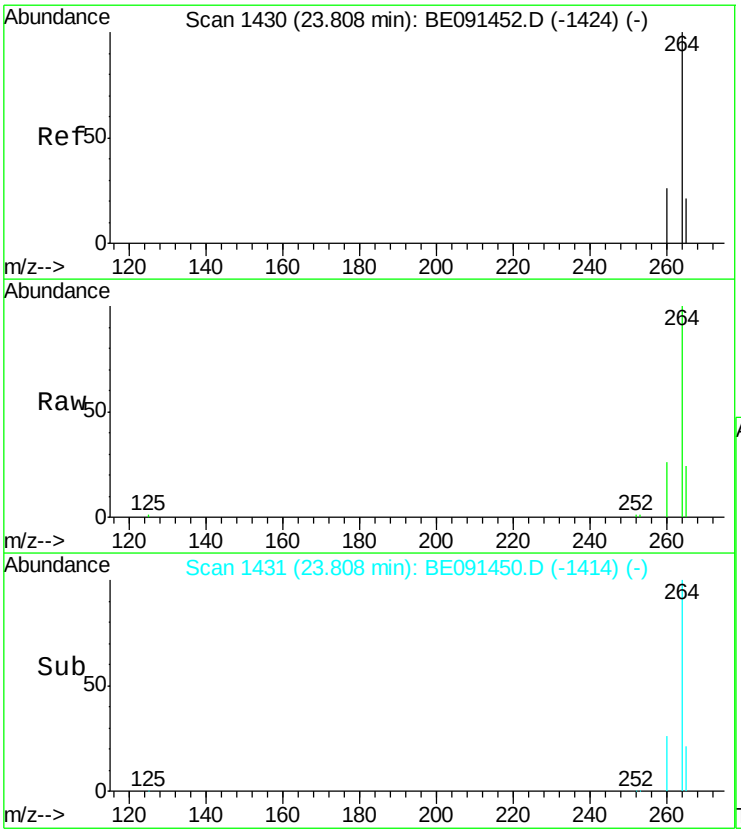
Tgt Ion:276 Resp: 20707

Ion	Ratio	Lower	Upper
276	100		
138	26.0	0.0	0.0#
277	25.0	0.0	0.0#

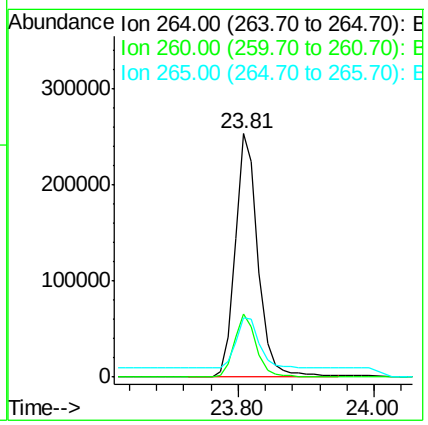


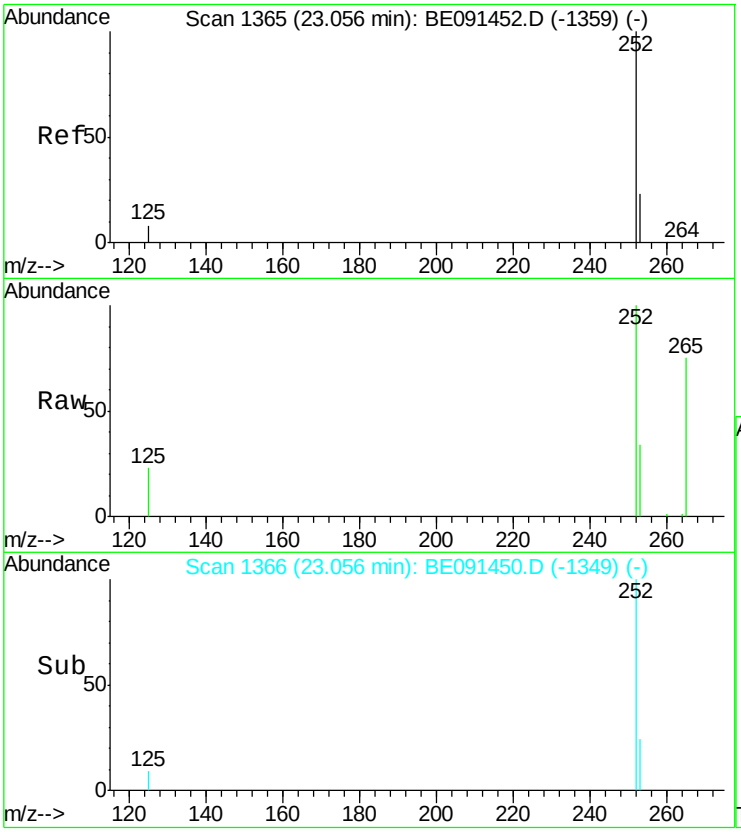


#25
Perylene-d12
Concen: 5.00 ng
RT: 23.81 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:264 Resp: 588767

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.7	31.1
265	24.4	19.4	29.2





#26
Benzo(b)fluoranthene
Concen: 0.14 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:252 Resp: 24194

Ion	Ratio	Lower	Upper
252	100		
253	34.0	20.6	30.8#
125	23.4	10.2	15.4#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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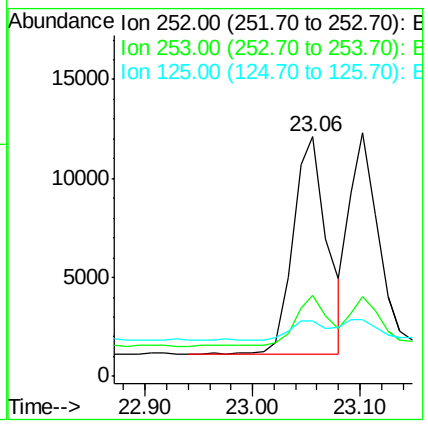
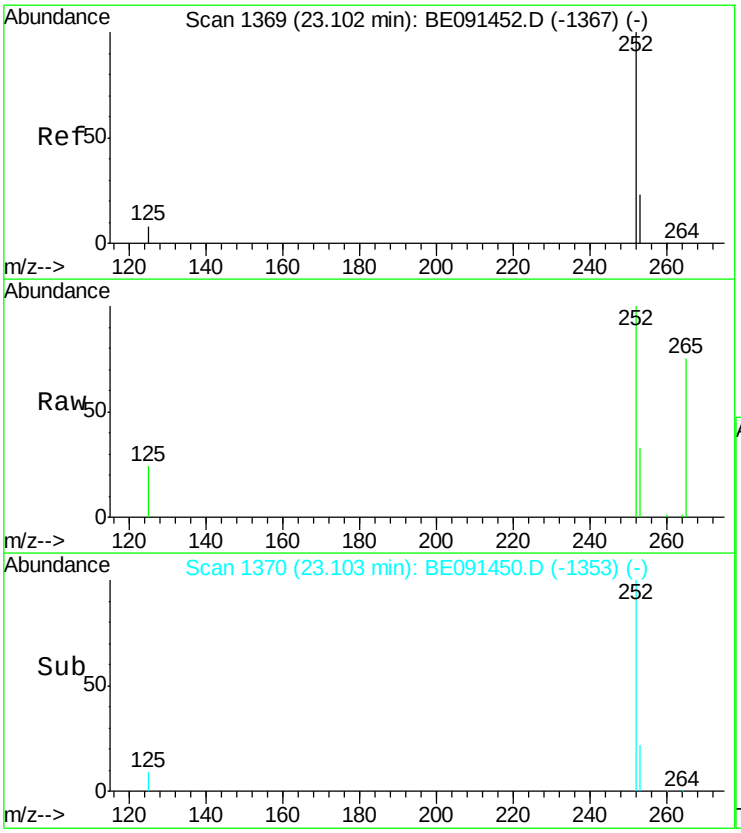
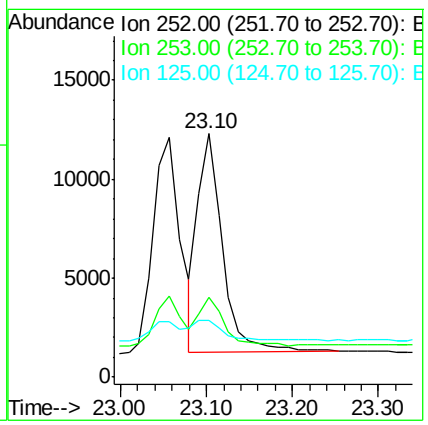


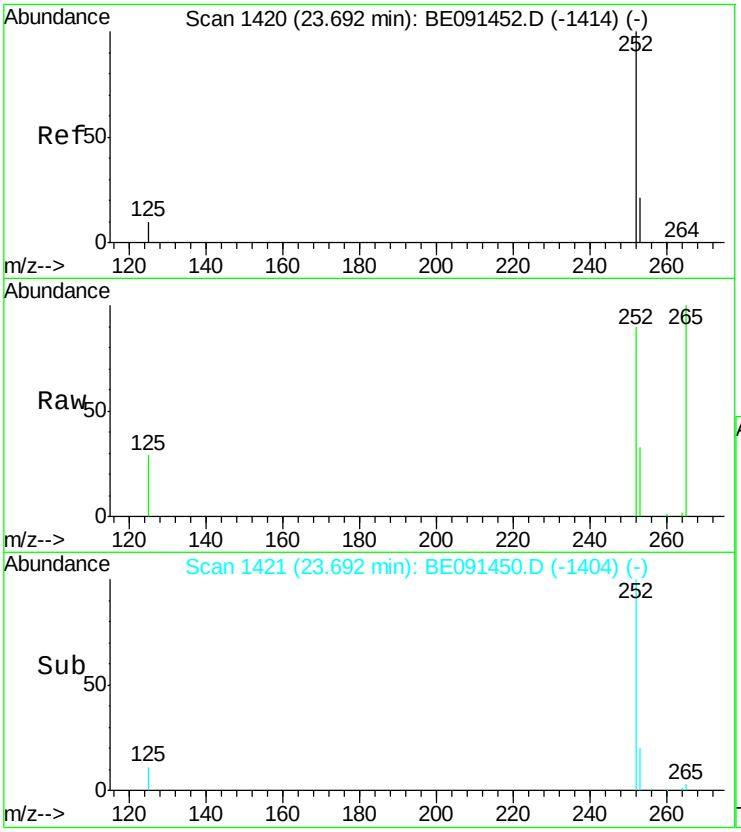


#27
Benzo(k)fluoranthene
Concen: 0.14 ng
RT: 23.10 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:252 Resp: 22039

Ion	Ratio	Lower	Upper
252	100		
253	33.0	20.2	30.2#
125	23.6	10.6	16.0#

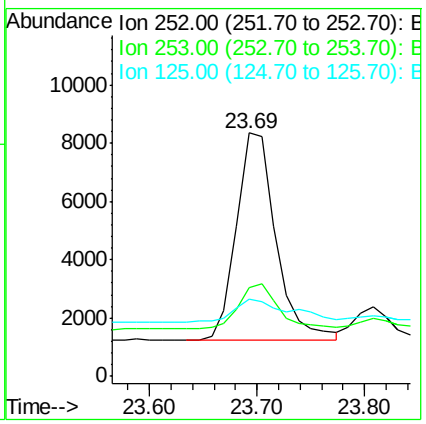




#28
Benzo(a)pyrene
Concen: 0.12 ng
RT: 23.69 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:252 Resp: 18118

Ion	Ratio	Lower	Upper
252	100		
253	36.5	20.0	30.0#
125	31.8	12.7	19.1#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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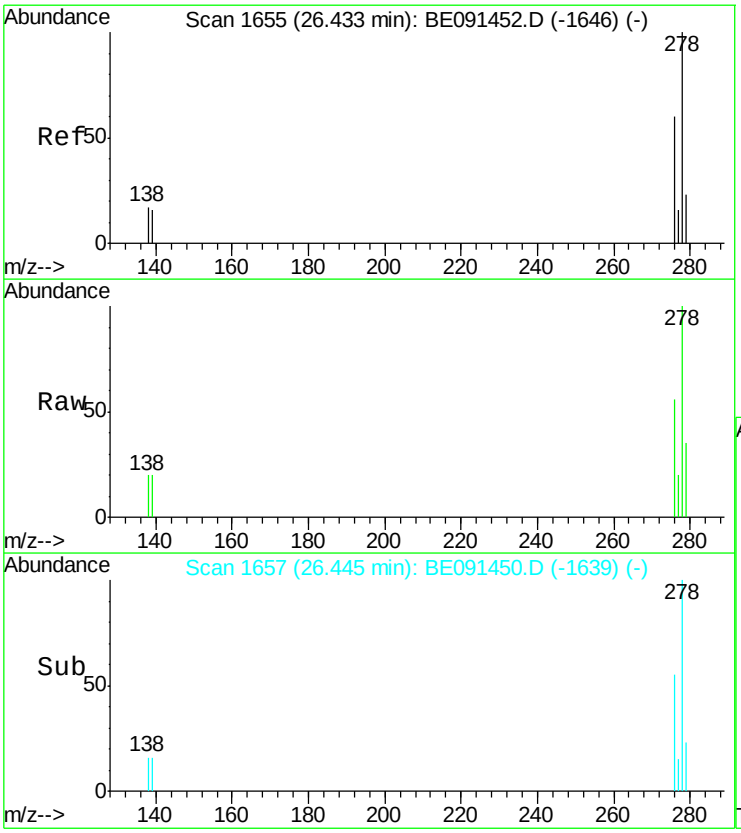
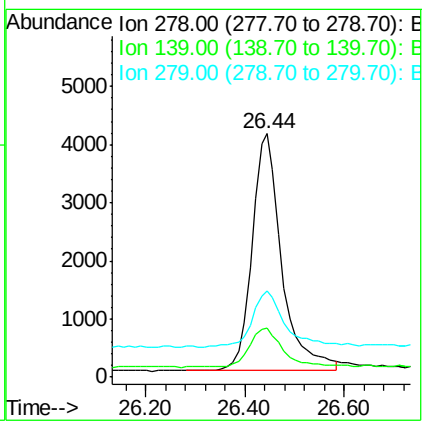
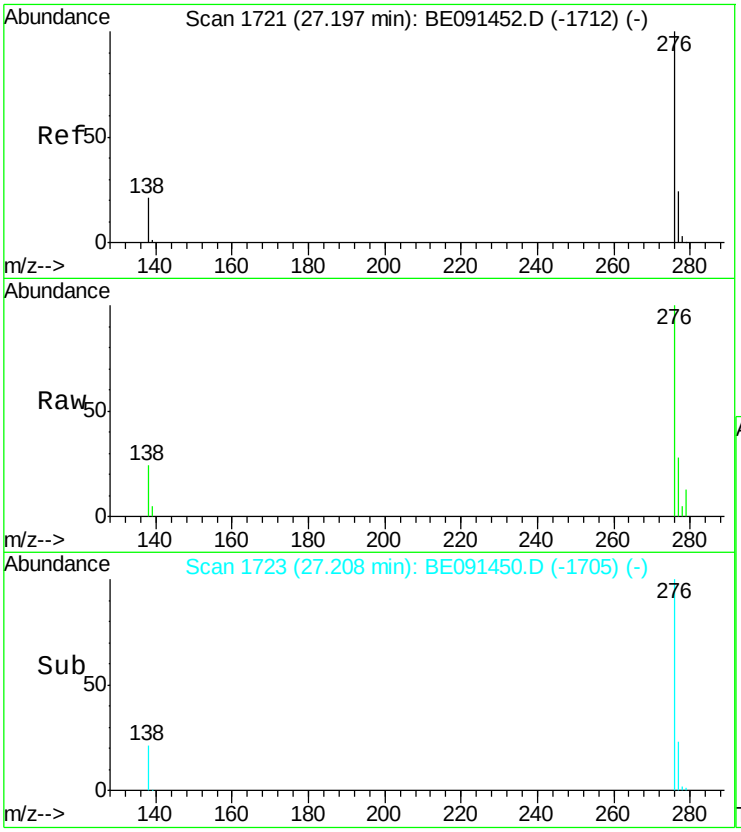


#29
Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 26.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:278 Resp: 17196

Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.3	19.9#
279	35.2	20.9	31.3#

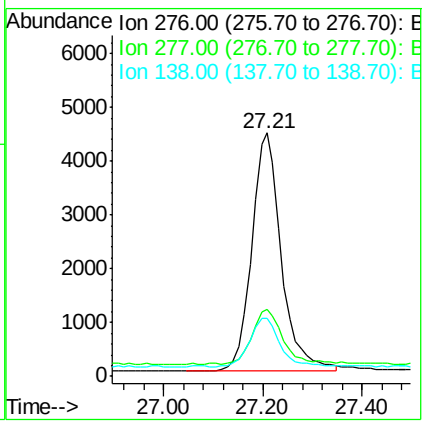




#30
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 27.21 min Scan# 1723
Delta R.T. 0.01 min
Lab File: BE091450.D
Acq: 16 Mar 2016 19:22

Tgt Ion:276 Resp: 18595

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.8	29.8
138	24.0	17.6	26.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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