Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032116\
Data File : BE091495.D
Acq On : 21 Mar 2016 9:51
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Manual Integrations APPROVED
mohammad
3/21/2016 6:40:01 PM

Quant Time: Mar 21 10:24:01 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 11:54:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	110851	5.00	ng		-0.02
6) Naphthalene-d8	10.59	136	500885	5.00	ng		-0.02
10) Acenaphthene-d10	14.43	164	291628	5.00	ng		-0.01
16) Phenanthrene-d10	17.17	188	723487	5.00	ng		-0.01
22) Chrysene-d12	21.34	240	751134	5.00	ng		0.00
28) Perylene-d12	23.79	264	861581	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	8621	0.34	ng		0.00
5) Phenol-d6	6.99	99	11536	0.35	ng		0.00
7) Nitrobenzene-d5	8.97	82	7812	0.49	ng		-0.01
11) 2,4,6-Tribromophenol	15.92	330	3188	0.54	ng		-0.01
12) 2-Fluorobiphenyl	13.06	172	27678	0.38	ng		-0.01
24) Terphenyl-d14	19.78	244	44059	0.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	4827	0.35	ng		92
3) n-Nitrosodimethylamine	3.66	42	7372	0.37	ng	#	87
8) Naphthalene	10.65	128	47263	0.39	ng		95
9) 2-Methylnaphthalene	12.26	142	28505	0.36	ng		100
13) Acenaphthylene	14.15	152	45523	0.43	ng		97
14) Acenaphthene	14.50	154	33787	0.38	ng		96
15) Fluorene	15.48	166	41799	0.37	ng		99
17) Hexachlorobenzene	16.48	284	11454	0.36	ng		96
18) Pentachlorophenol	16.81	266	5235	0.51	ng		93
19) Phenanthrene	17.21	178	78127	0.38	ng		100
20) Anthracene	17.30	178	65015	0.36	ng		100
21) Fluoranthene	19.21	202	77702	0.33	ng		99
23) Pyrene	19.57	202	88026	0.47	ng		98
25) Benzo(a)anthracene	21.31	228	88043m	0.43	ng		
26) Chrysene	21.36	228	111339m	0.51	ng		
27) Indeno(1,2,3-cd)pyrene	26.35	276	100619	0.47	ng		99
29) Benzo(b)fluoranthene	23.02	252	90363	0.33	ng		97
30) Benzo(k)fluoranthene	23.07	252	96554	0.35	ng		94
31) Benzo(a)pyrene	23.67	252	81966	0.34	ng		97
32) Dibenzo(a,h)anthracene	26.39	278	83544	0.35	ng		98
33) Benzo(g,h,i)perylene	27.15	276	84937	0.35	ng		99

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

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Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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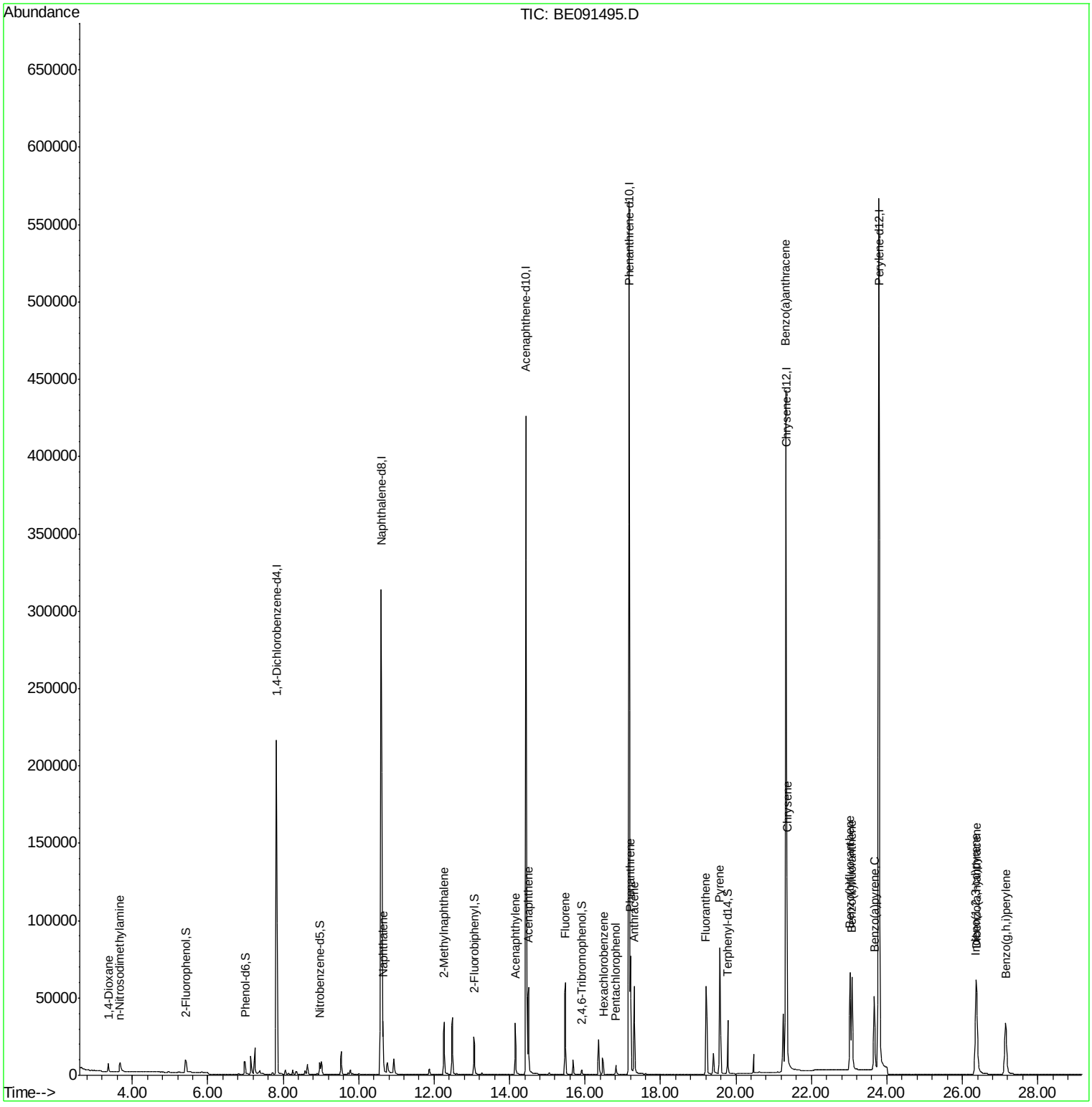
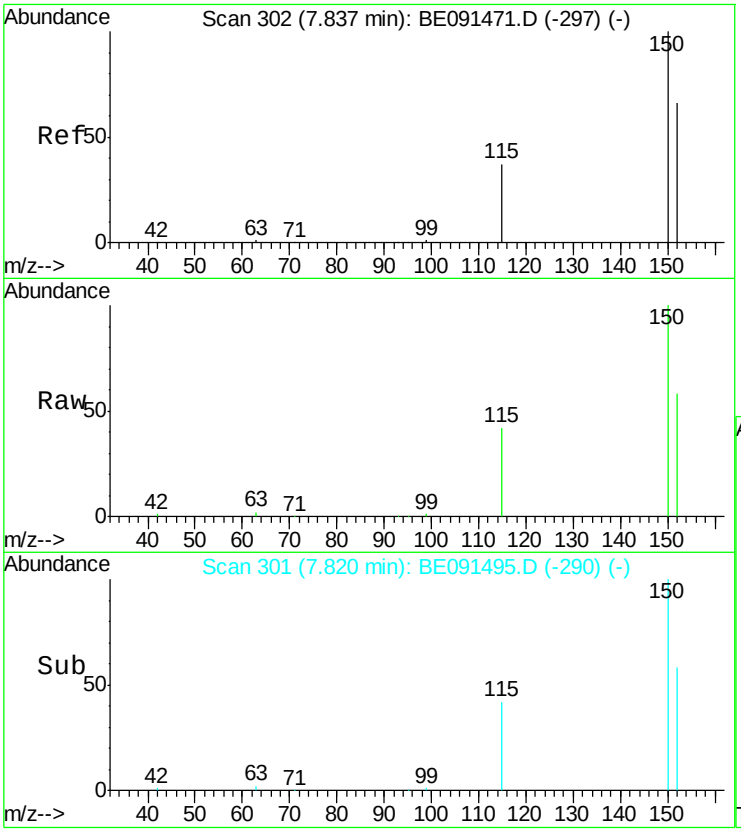
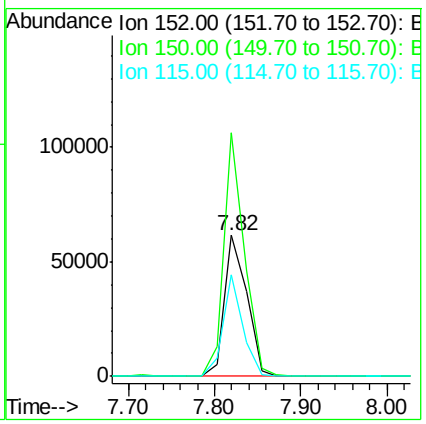




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:152 Resp: 110851

Ion	Ratio	Lower	Upper
152	100		
150	172.8	122.2	183.2
115	72.4	45.9	68.9#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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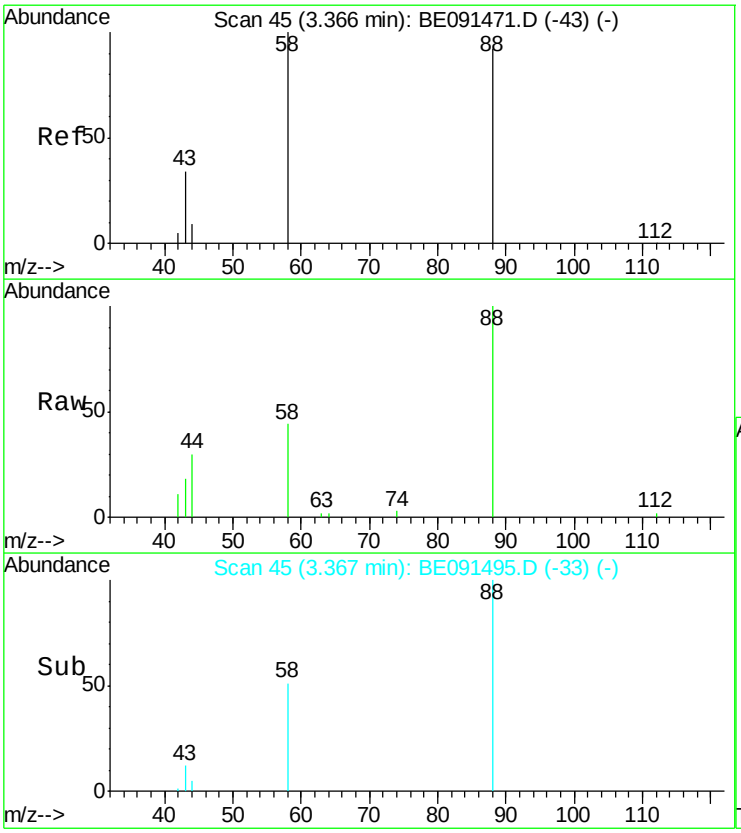
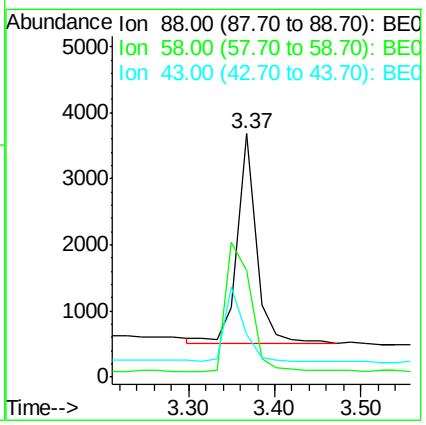
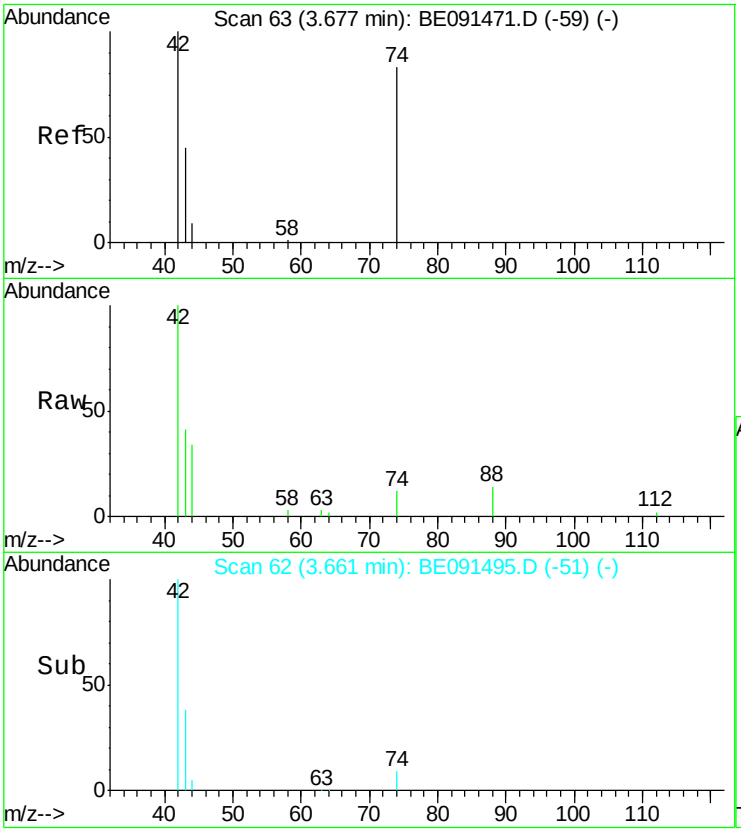


#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion: 88 Resp: 4827

Ion	Ratio	Lower	Upper
88	100		
58	82.6	61.0	91.6
43	36.5	25.4	38.2

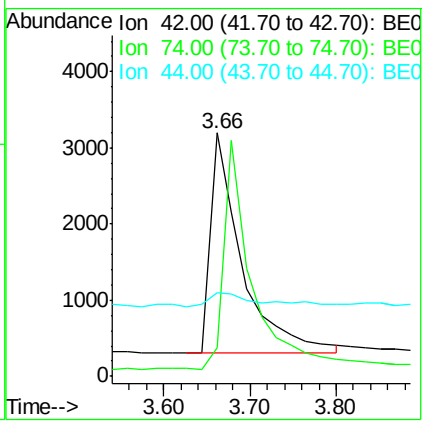




#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.66 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion: 42 Resp: 7372

Ion	Ratio	Lower	Upper
42	100		
74	91.4	84.3	126.5
44	11.0	6.7	10.1#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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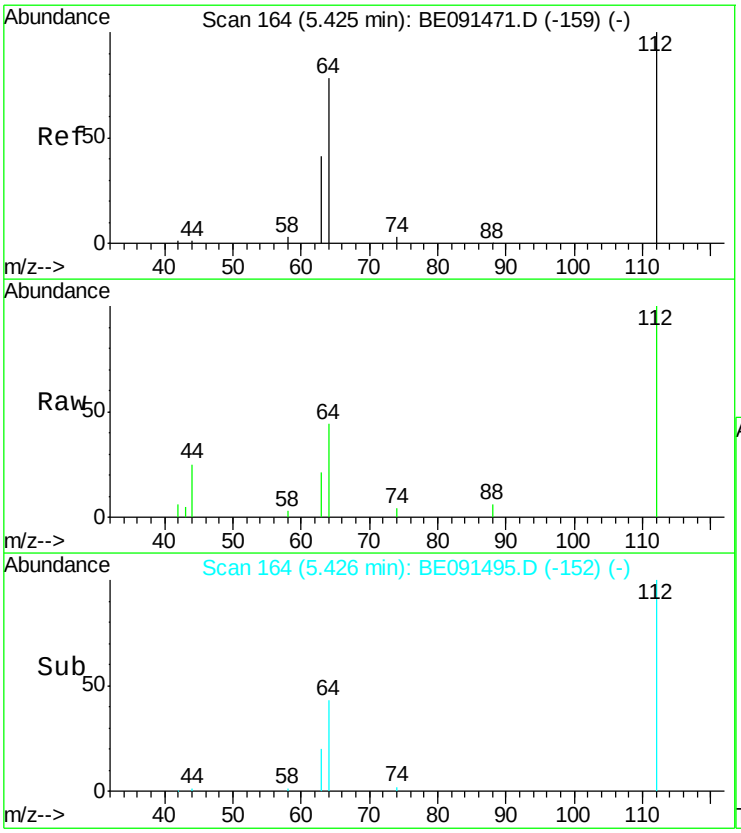
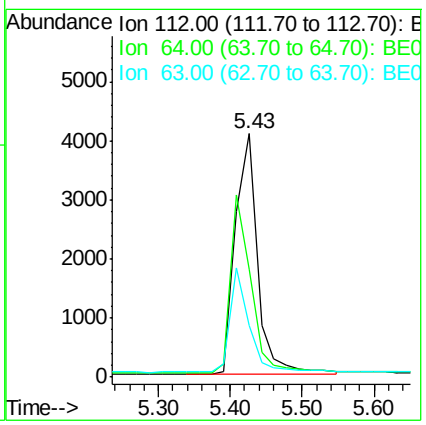
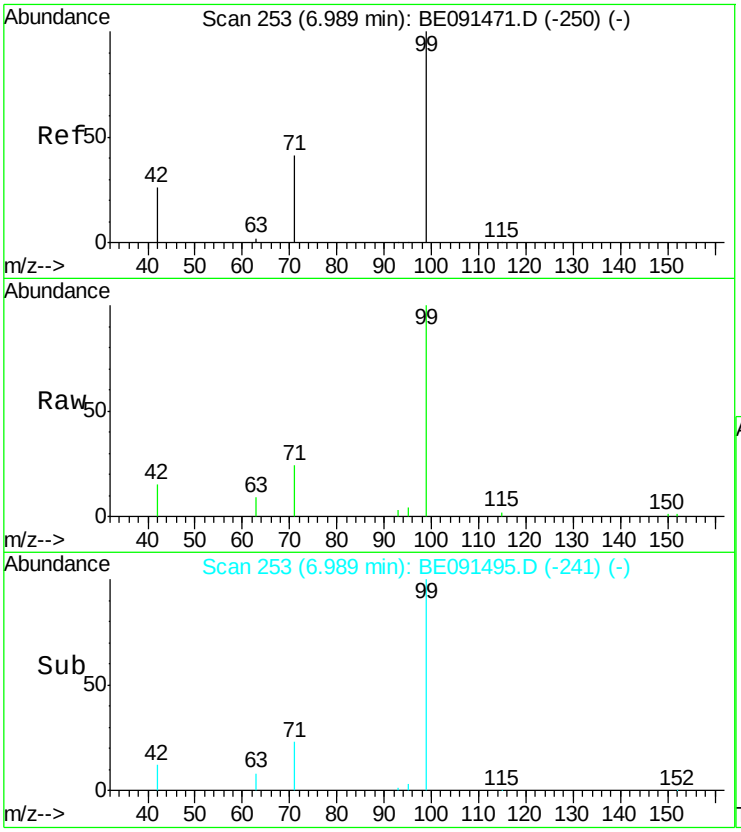


#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.43 min Scan# 164
Delta R.T. 0.00 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:112 Resp: 8621

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.3	79.9
63	37.1	29.8	44.8

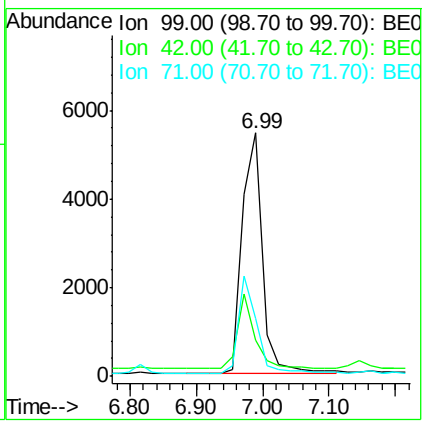




#5
Phenol-d6
Concen: 0.35 ng
RT: 6.99 min Scan# 253
Delta R.T. 0.00 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion: 99 Resp: 11536

Ion	Ratio	Lower	Upper
99	100		
42	26.2	20.6	30.8
71	36.7	29.0	43.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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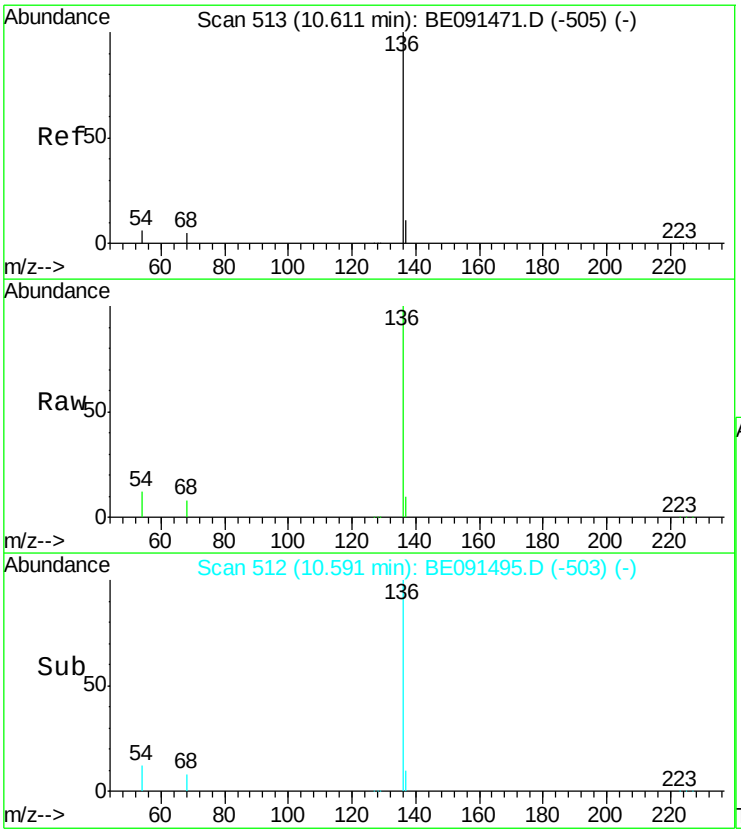
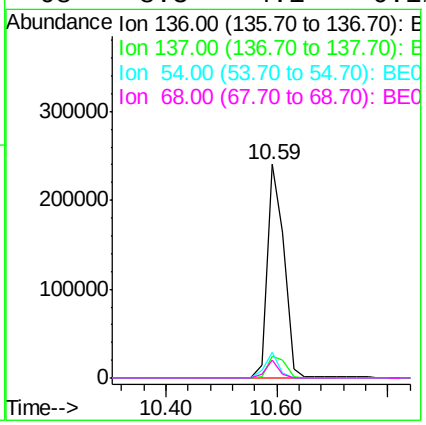
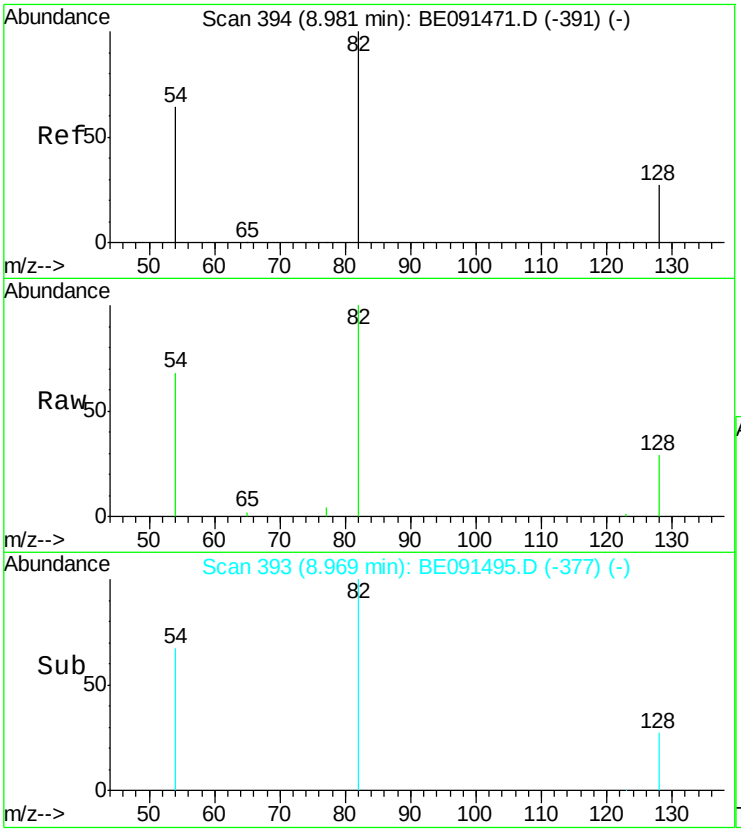


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:136 Resp: 500885

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.8	13.2
54	12.3	5.2	7.8#
68	8.3	4.1	6.1#

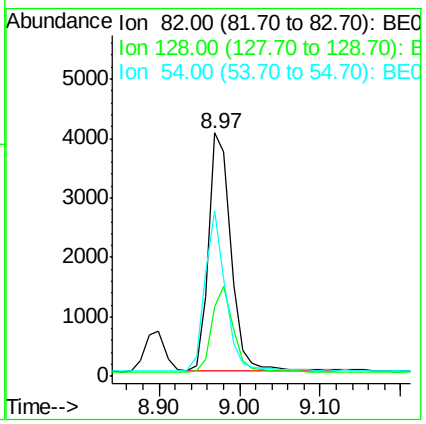




#7
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion: 82 Resp: 7812

Ion	Ratio	Lower	Upper
82	100		
128	28.8	23.5	35.3
54	68.2	52.4	78.6



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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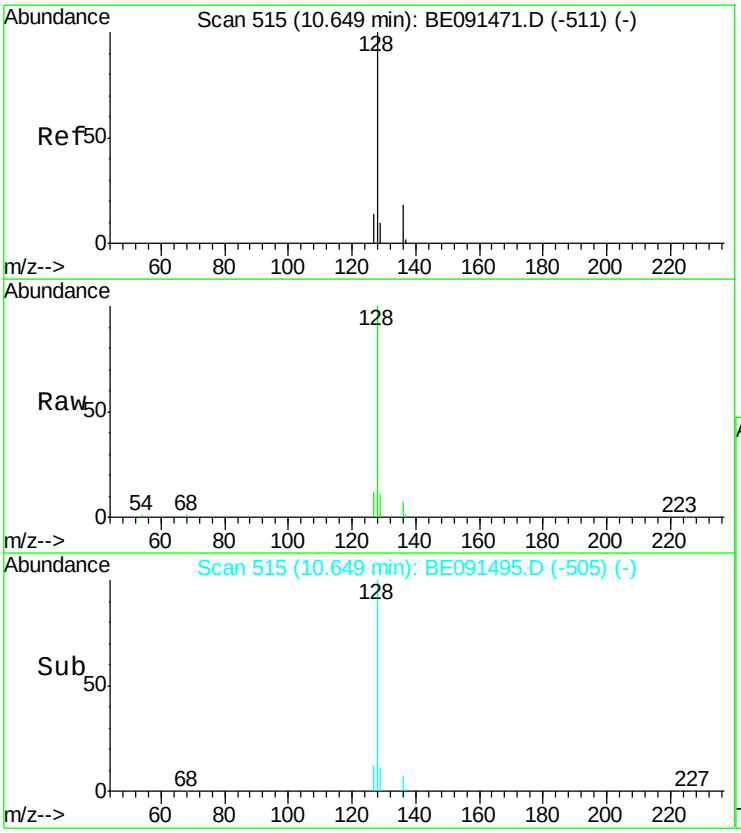
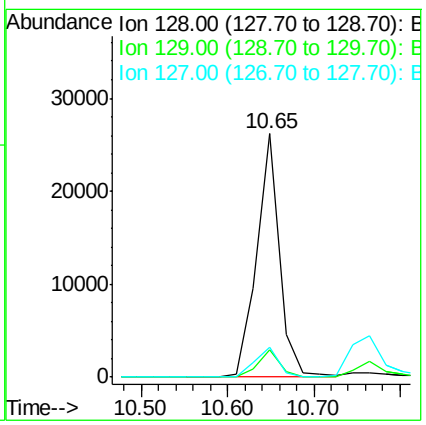
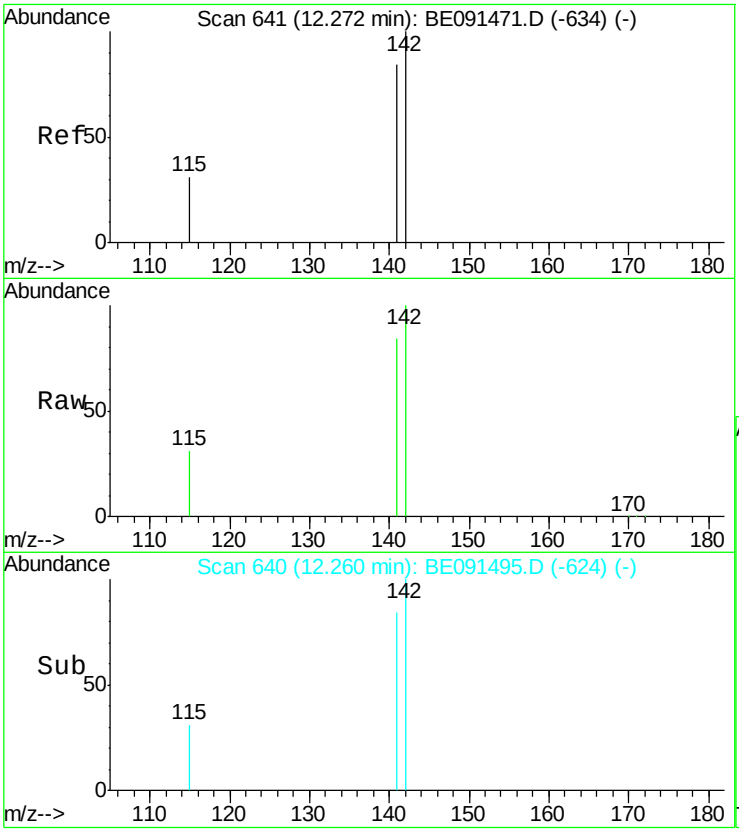


#8
Naphthalene
Concen: 0.39 ng
RT: 10.65 min Scan# 515
Delta R.T. -0.00 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:128 Resp: 47263

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.2	12.2
127	12.3	11.8	17.8

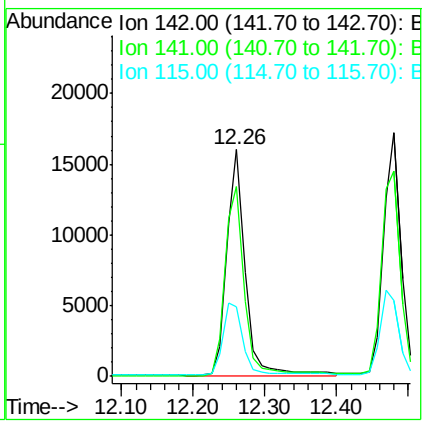




#9
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.26 min Scan# 640
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:142 Resp: 28505

Ion	Ratio	Lower	Upper
142	100		
141	83.6	66.9	100.3
115	30.8	25.1	37.7



Instrument :
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ClientSampleId :
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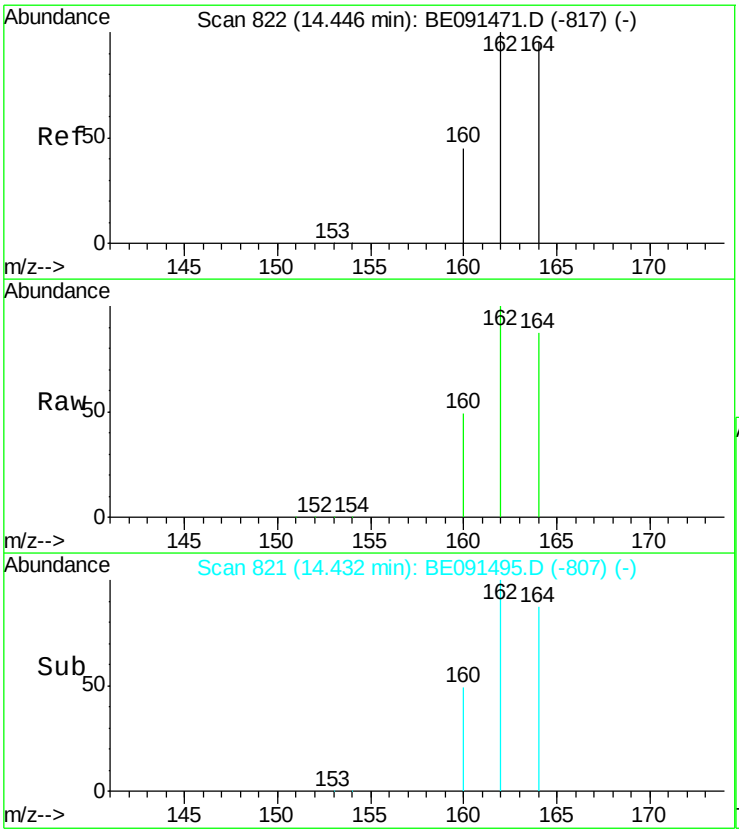
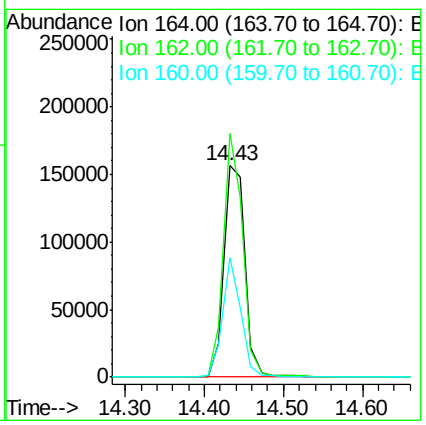
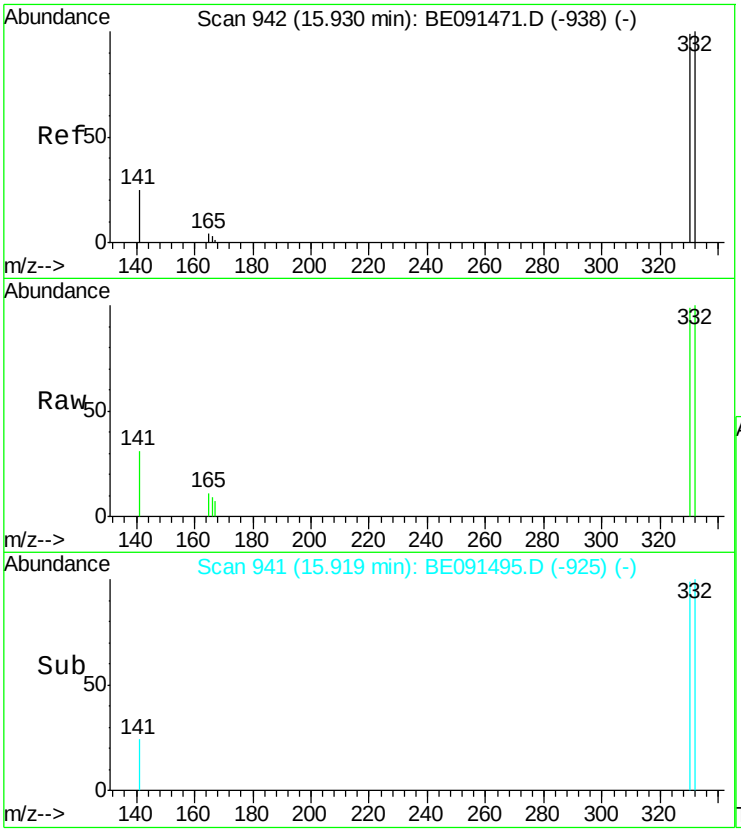


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:164 Resp: 291628

Ion	Ratio	Lower	Upper
164	100		
162	115.3	84.4	126.6
160	56.6	37.7	56.5#

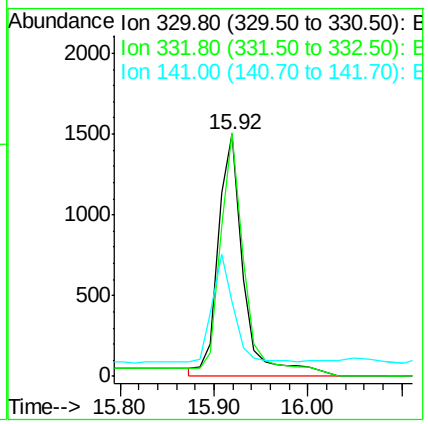




#11
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 15.92 min Scan# 941
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:330 Resp: 3188

Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.2	118.8
141	33.1	28.1	42.1



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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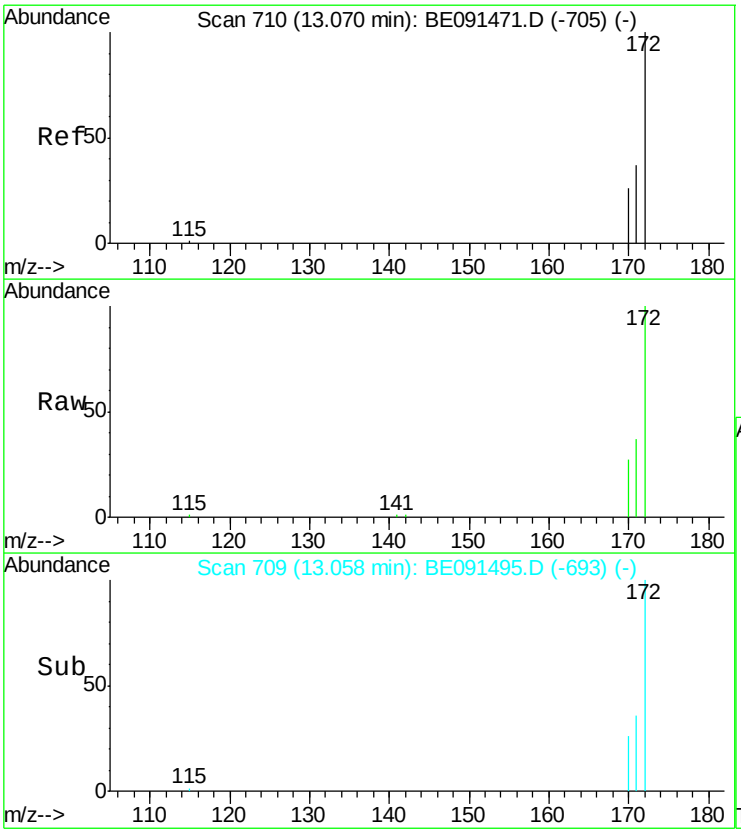
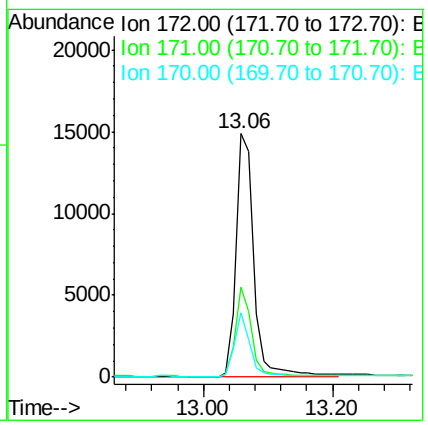
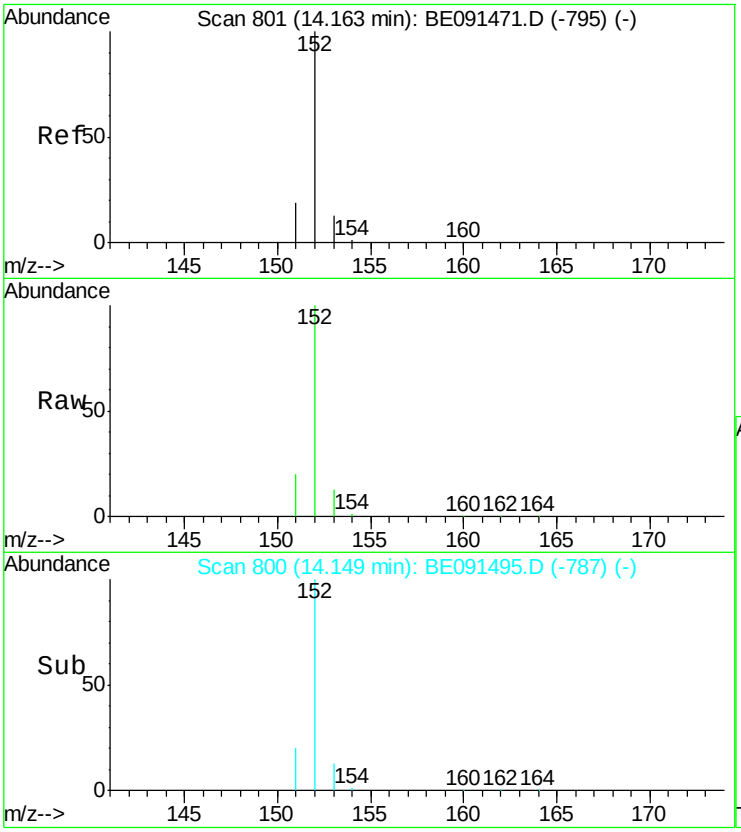


#12
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:172 Resp: 27678

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	26.7	21.4	32.2

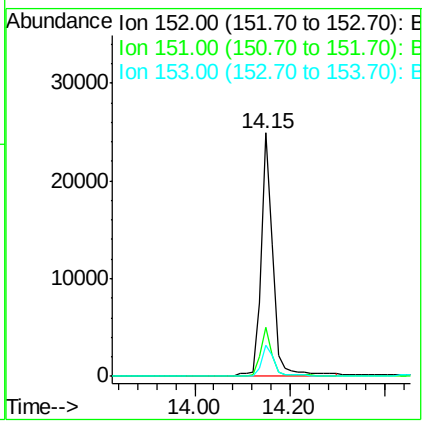




#13
Acenaphthylene
Concen: 0.43 ng
RT: 14.15 min Scan# 800
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:152 Resp: 45523

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	15.2	11.1	16.7



Instrument :
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Manual Integrations APPROVED
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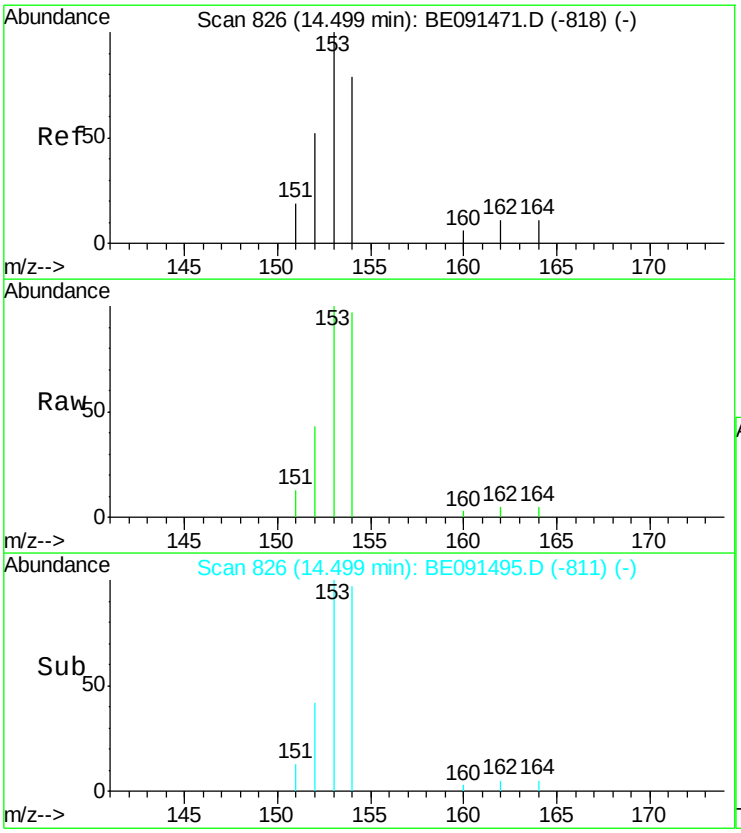
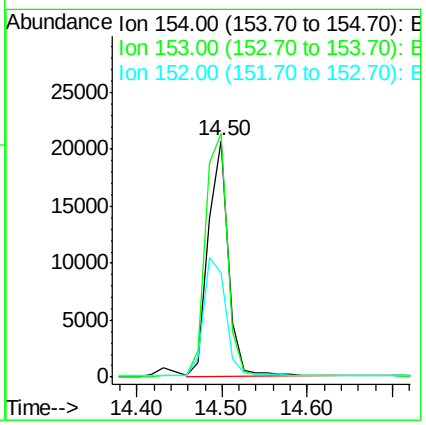
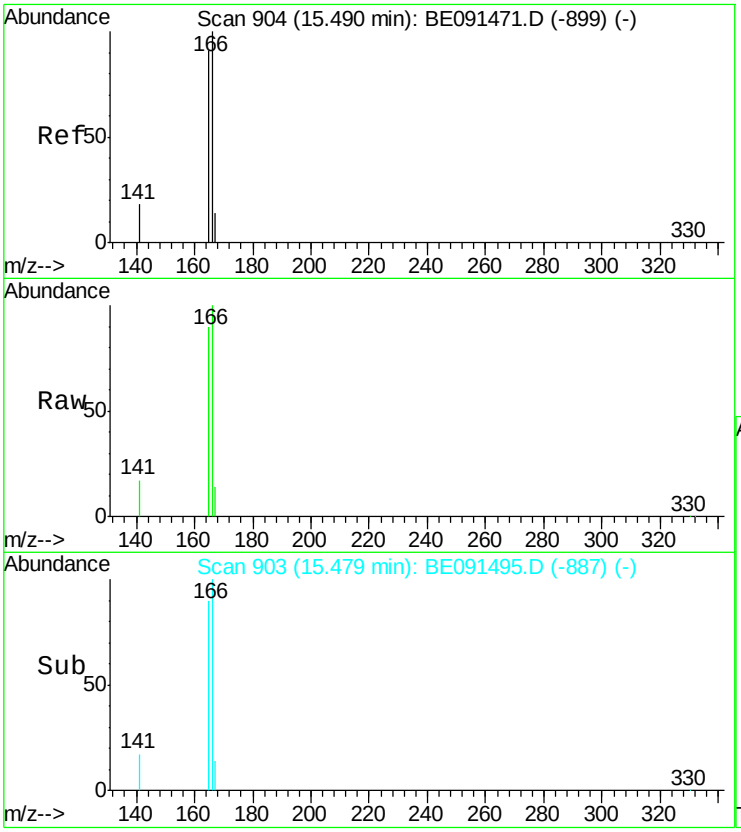


#14
Acenaphthene
Concen: 0.38 ng
RT: 14.50 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:154 Resp: 33787

Ion	Ratio	Lower	Upper
154	100		
153	113.6	87.3	130.9
152	54.9	42.9	64.3

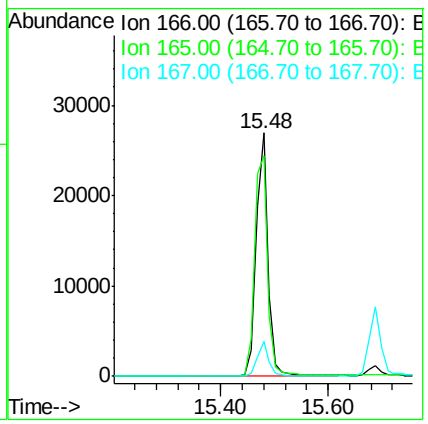




#15
Fluorene
Concen: 0.37 ng
RT: 15.48 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:166 Resp: 41799

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.2	118.8
167	13.3	10.8	16.2



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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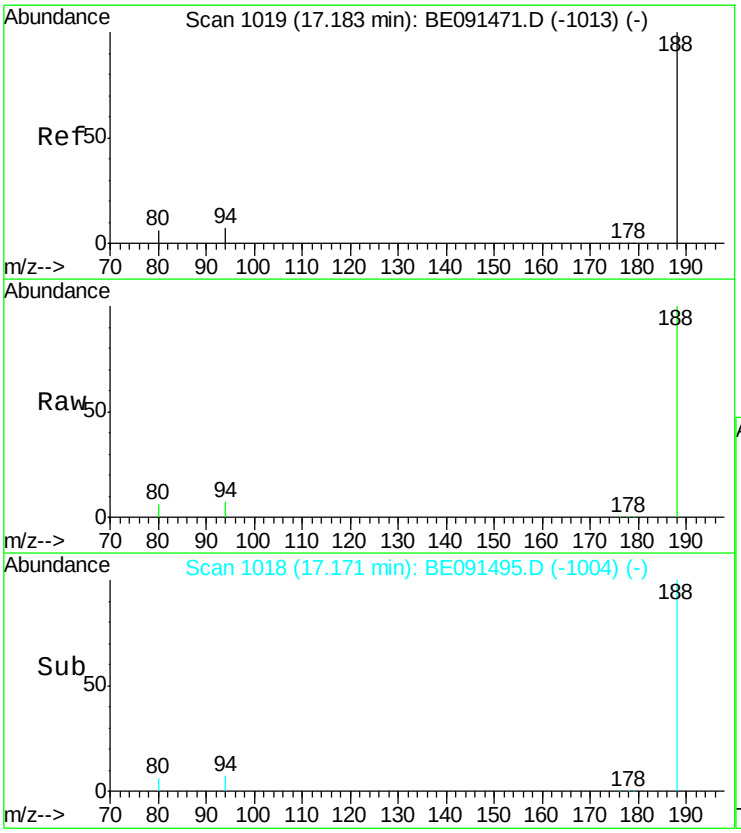
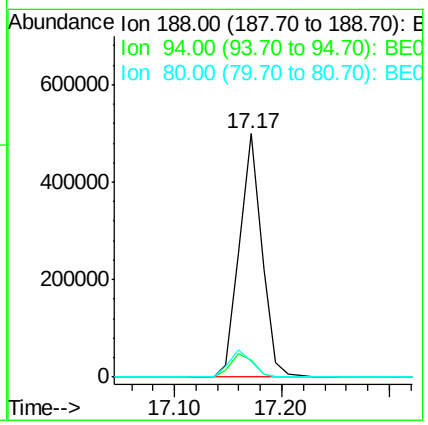
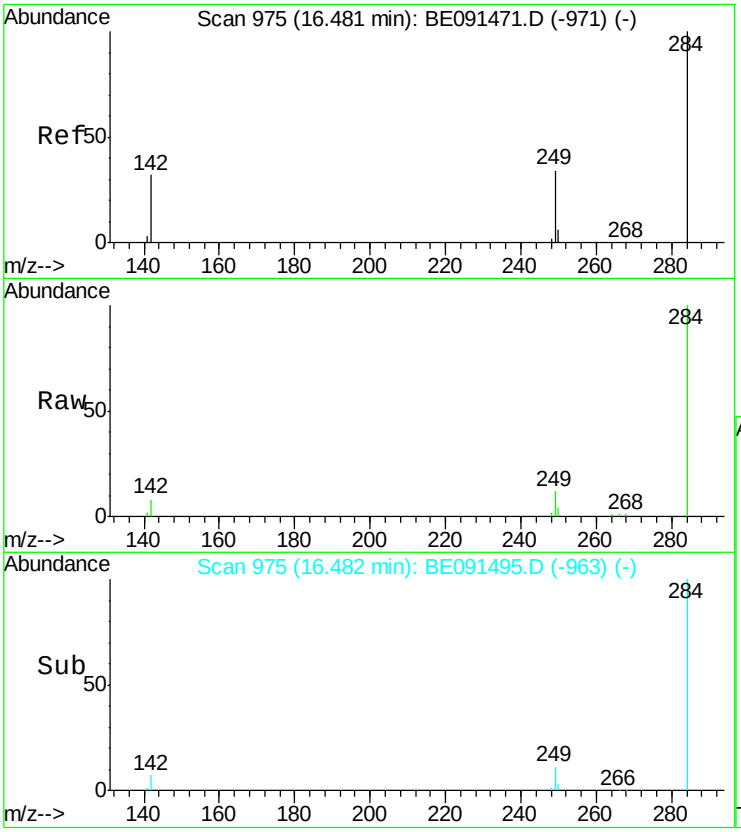


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:188 Resp: 723487

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.4	8.2
80	6.3	5.0	7.4

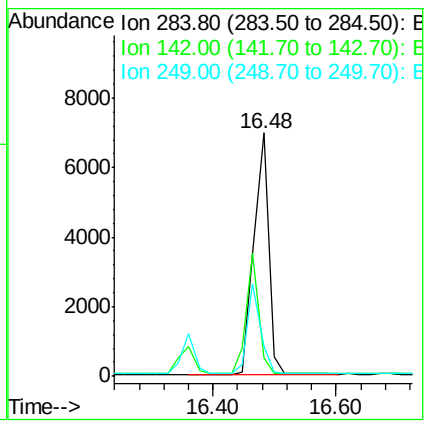




#17
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.48 min Scan# 975
Delta R.T. 0.00 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:284 Resp: 11454

Ion	Ratio	Lower	Upper
284	100		
142	42.9	31.0	46.4
249	33.1	25.8	38.8



Instrument :
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ClientSampleId :
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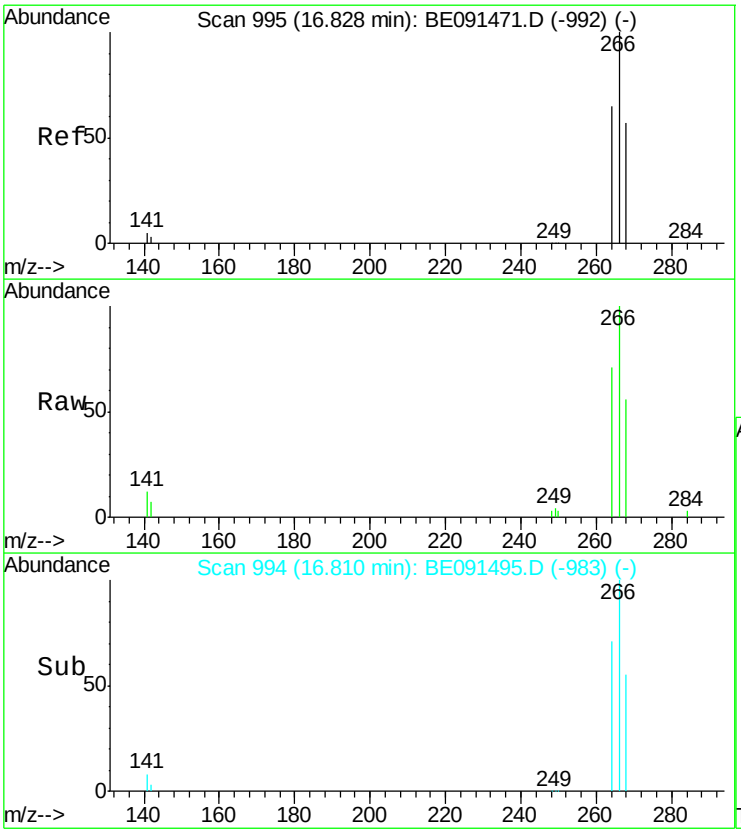
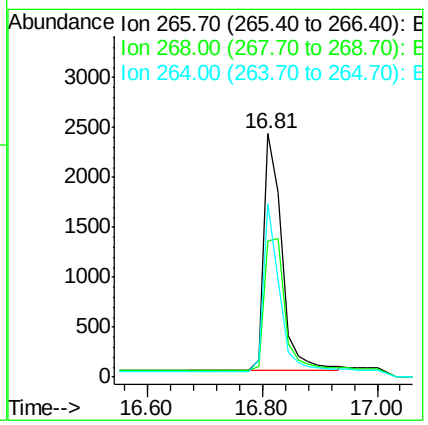
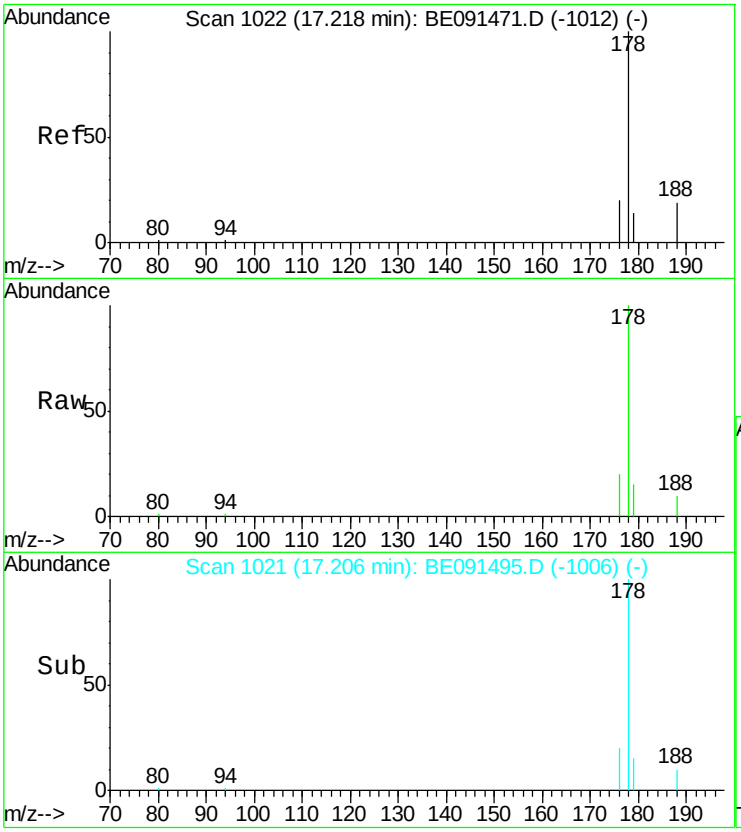


#18
Pentachlorophenol
Concen: 0.51 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:266 Resp: 5235

Ion	Ratio	Lower	Upper
266	100		
268	56.0	48.2	72.2
264	70.9	52.1	78.1

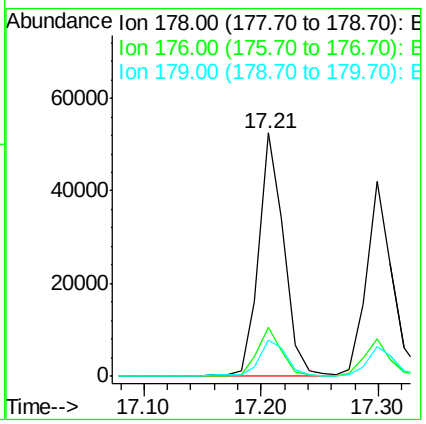




#19
Phenanthrene
Concen: 0.38 ng
RT: 17.21 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:178 Resp: 78127

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.2	13.1	19.7



Instrument :
BNA_E
ClientSampleId :
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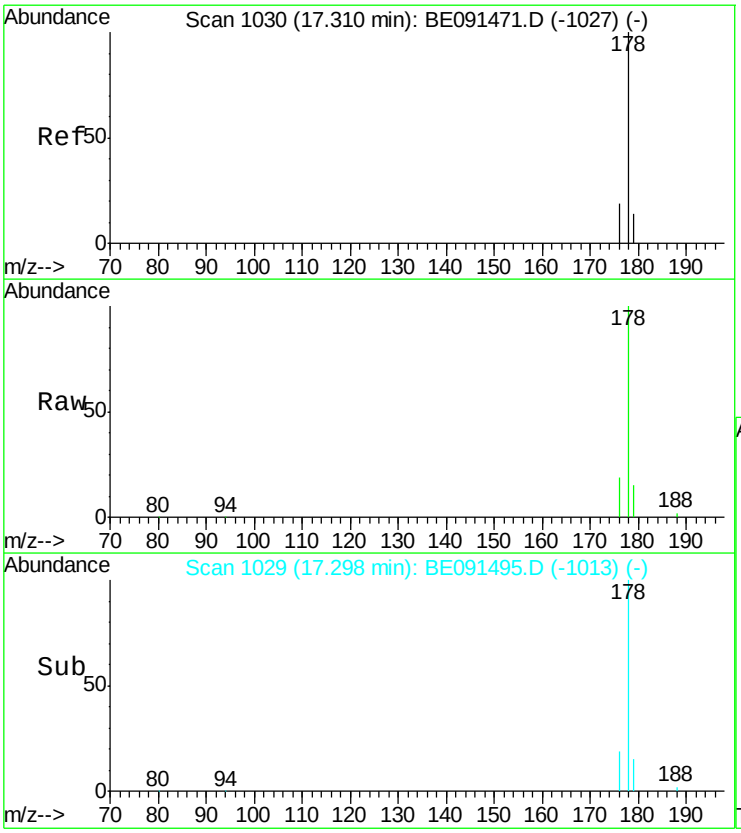
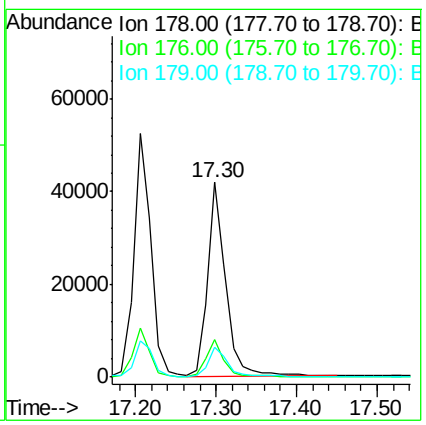
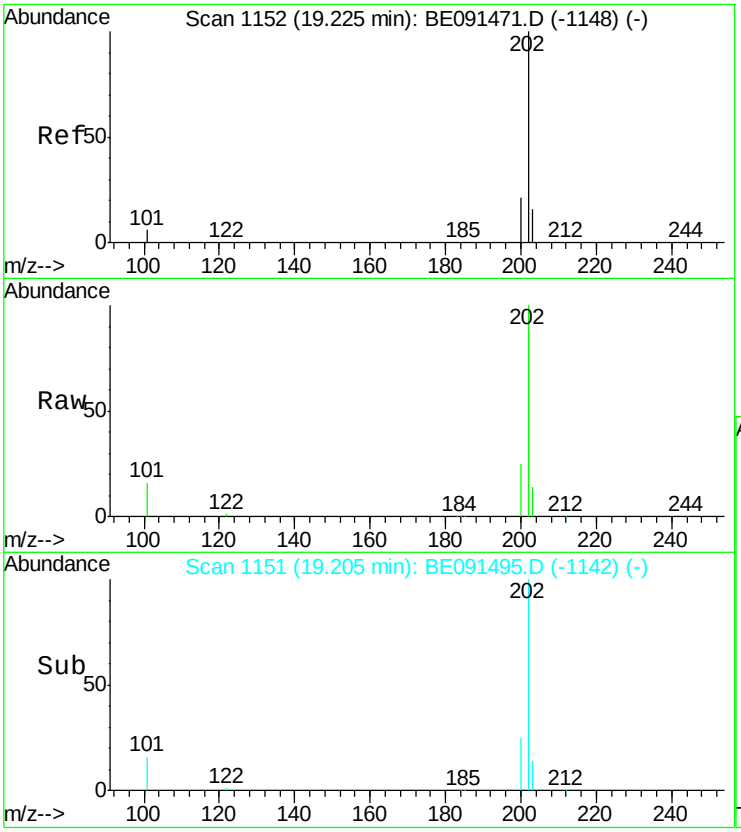


#20
Anthracene
Concen: 0.36 ng
RT: 17.30 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:178 Resp: 65015

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.2	18.4

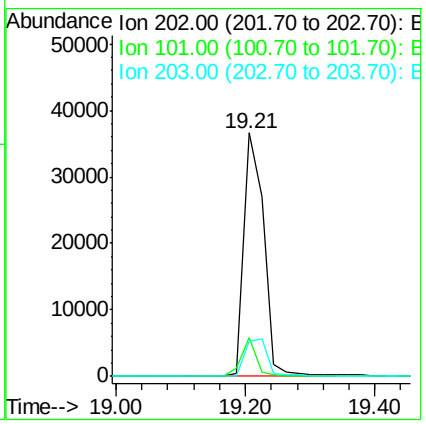




#21
Fluoranthene
Concen: 0.33 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:202 Resp: 77702

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.3	12.5
203	17.2	13.9	20.9



Instrument :
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ClientSampleId :
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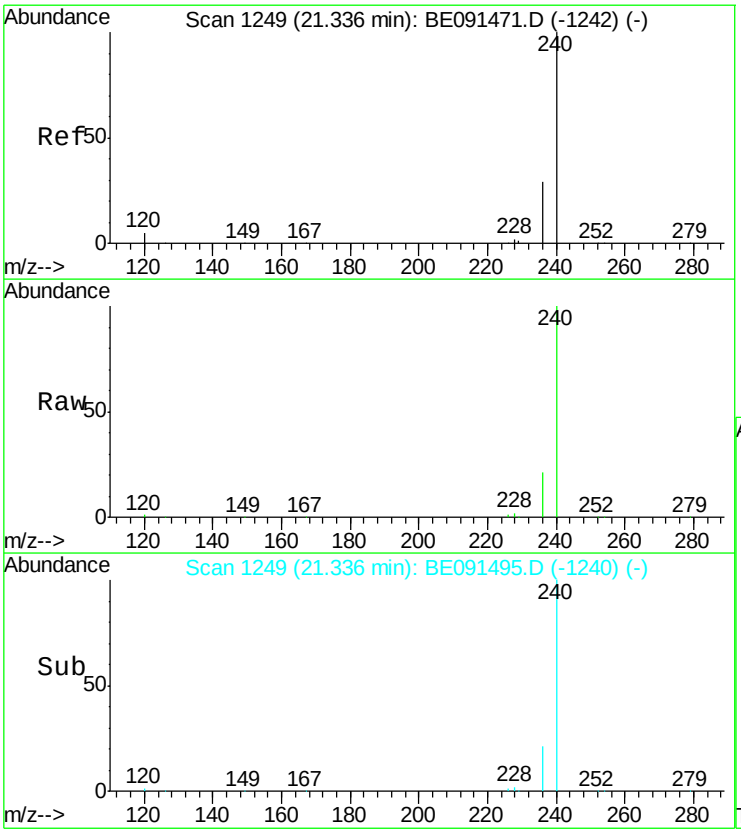
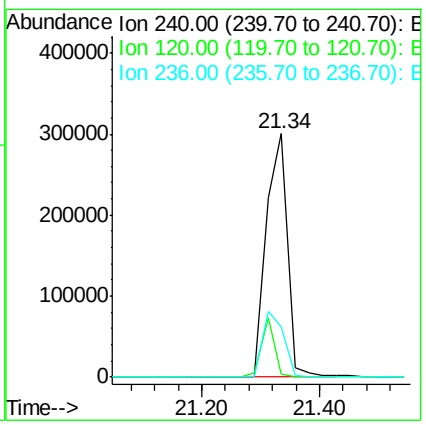
3/21/2016 6:40:01 PM

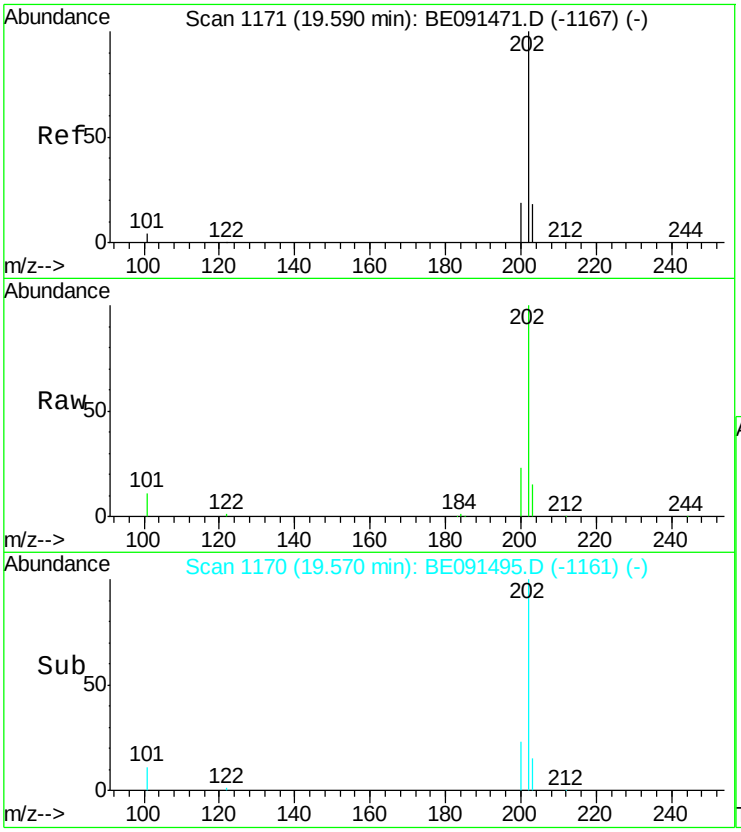


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:240 Resp: 751134

Ion	Ratio	Lower	Upper
240	100		
120	1.0	4.0	6.0#
236	20.9	23.0	34.4#





#23
Pyrene
Concen: 0.47 ng
RT: 19.57 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:202 Resp: 88026

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.4	24.6
203	17.0	14.6	21.8

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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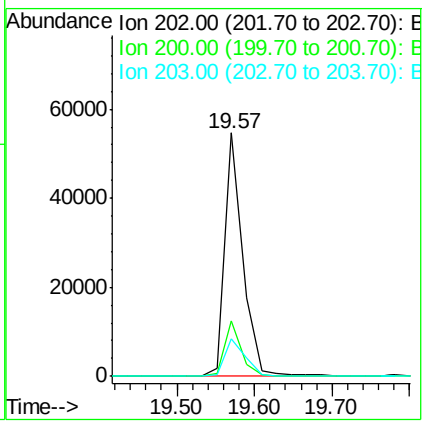
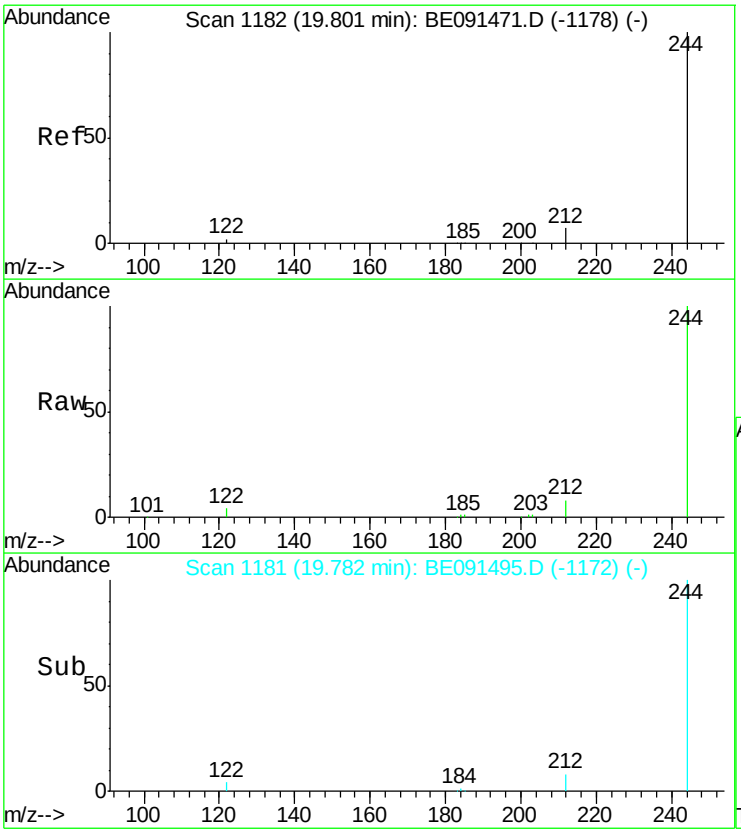
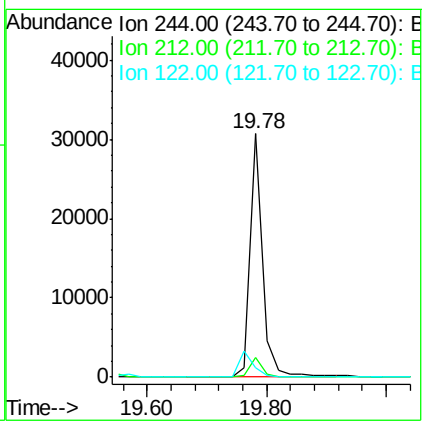


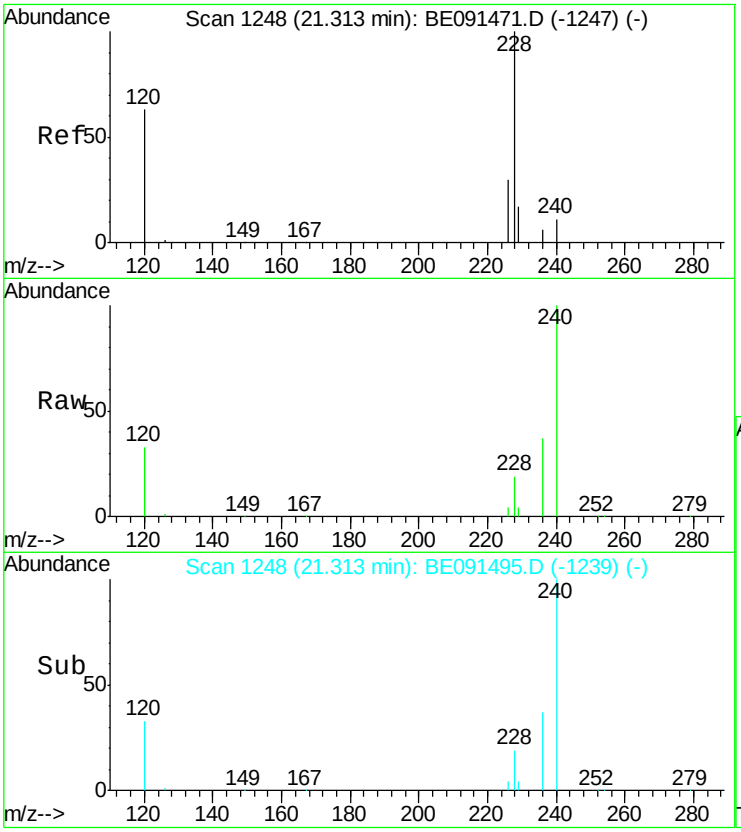


#24
Terphenyl-d14
Concen: 0.49 ng
RT: 19.78 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:244 Resp: 44059

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	3.8	1.8	2.8#





#25
Benzo(a)anthracene
Concen: 0.43 ng m
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:228 Resp: 88043

Ion	Ratio	Lower	Upper
228	100		
226	21.6	24.0	36.0#
229	23.5	13.8	20.6#

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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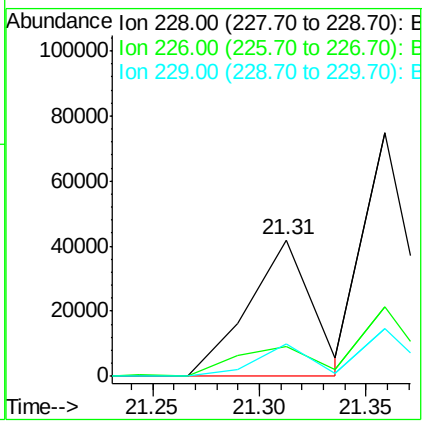
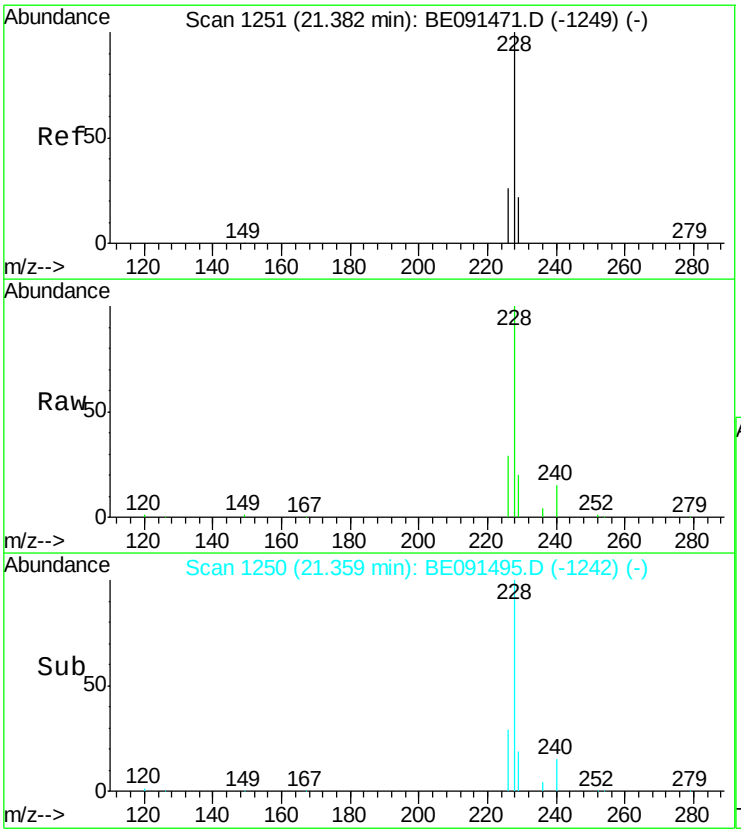
3/21/2016 6:40:01 PM

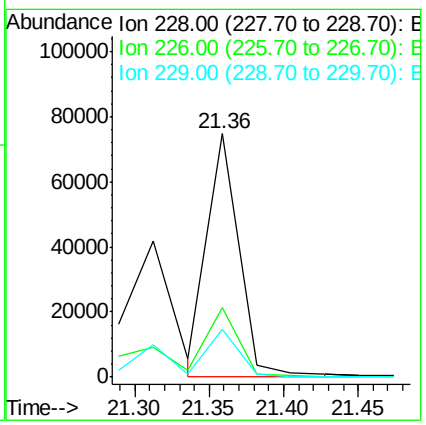


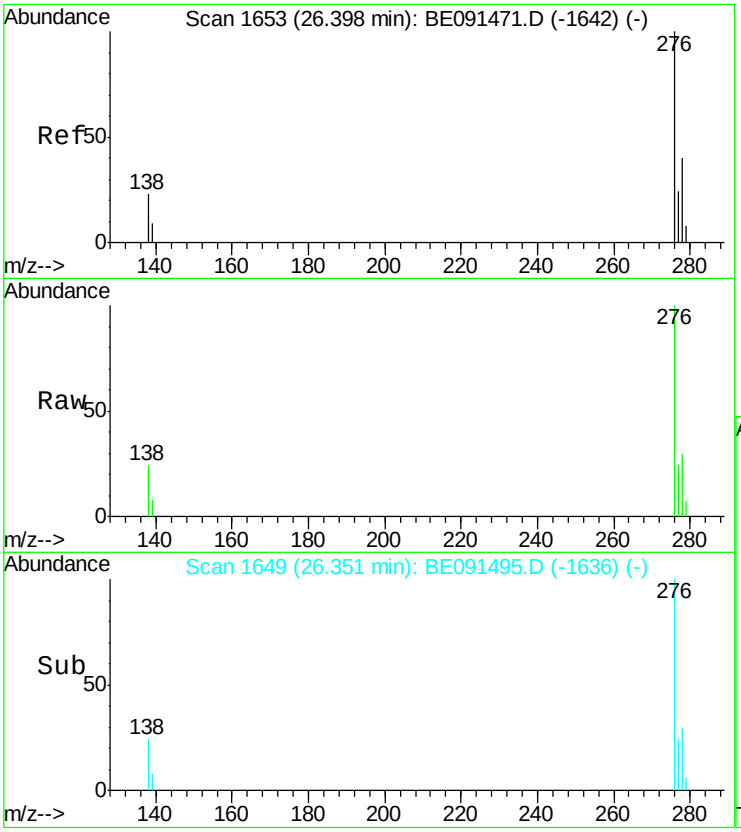


#26
Chrysene
Concen: 0.51 ng m
RT: 21.36 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:228 Resp: 111339

Ion	Ratio	Lower	Upper
228	100		
226	28.8	18.9	28.3#
229	19.5	19.1	28.7

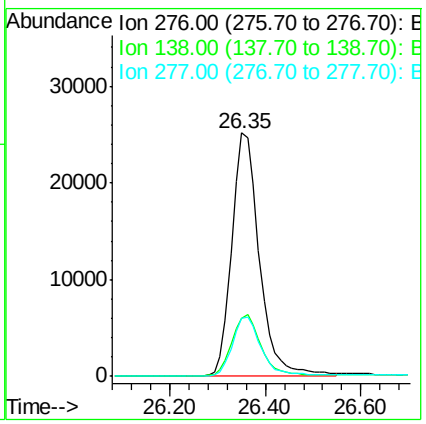




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.47 ng
RT: 26.35 min Scan# 1649
Delta R.T. -0.05 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:276 Resp: 100619

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.2	30.4
277	24.6	19.8	29.8



Instrument :
BNA_E
ClientSampleId :
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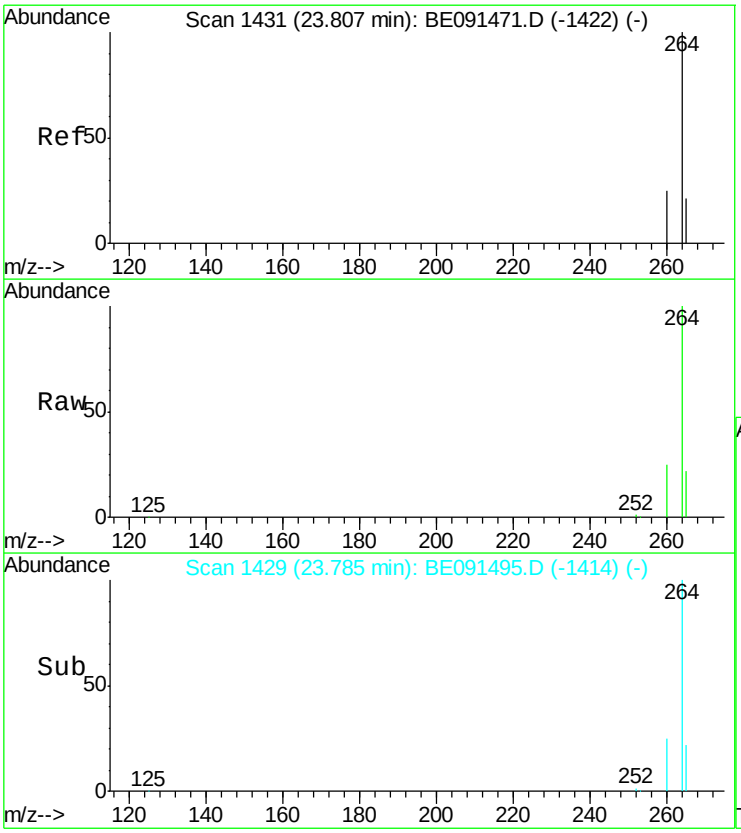
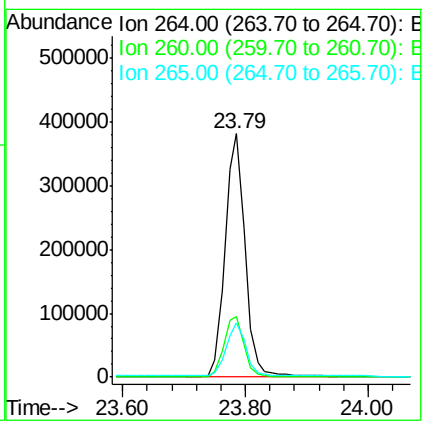
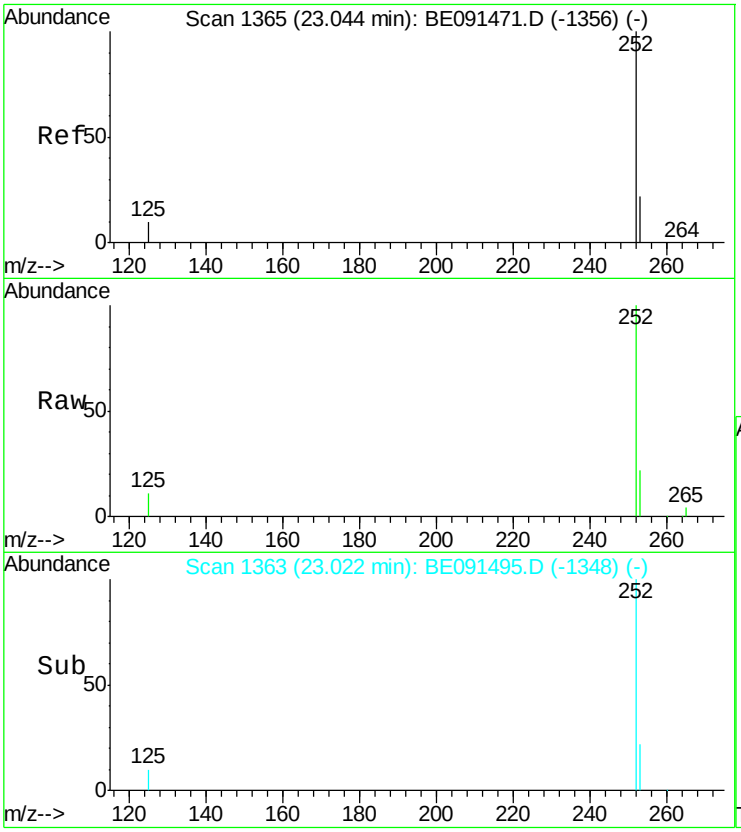


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.79 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:264 Resp: 861581

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.4	18.3	27.5

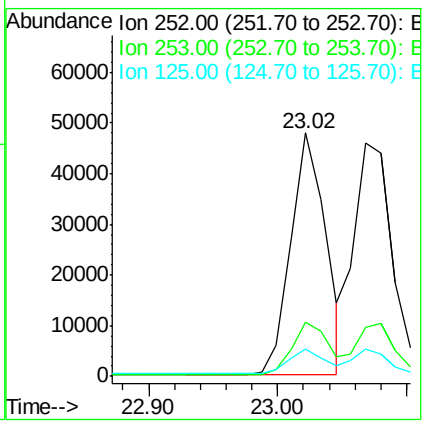




#29
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:252 Resp: 90363

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	11.1	9.8	14.6



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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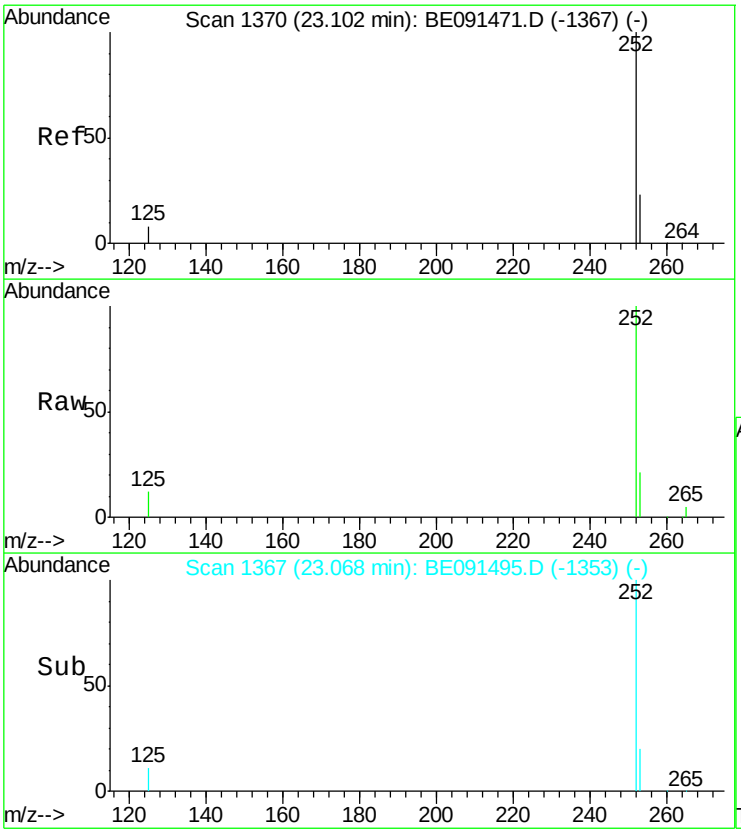
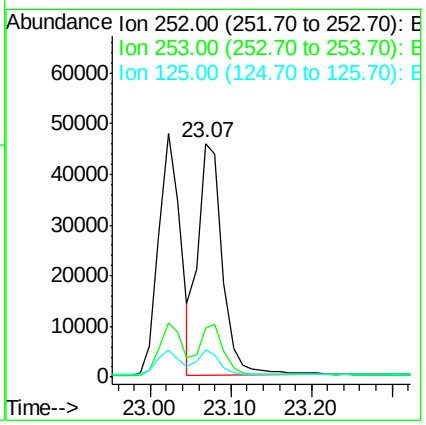
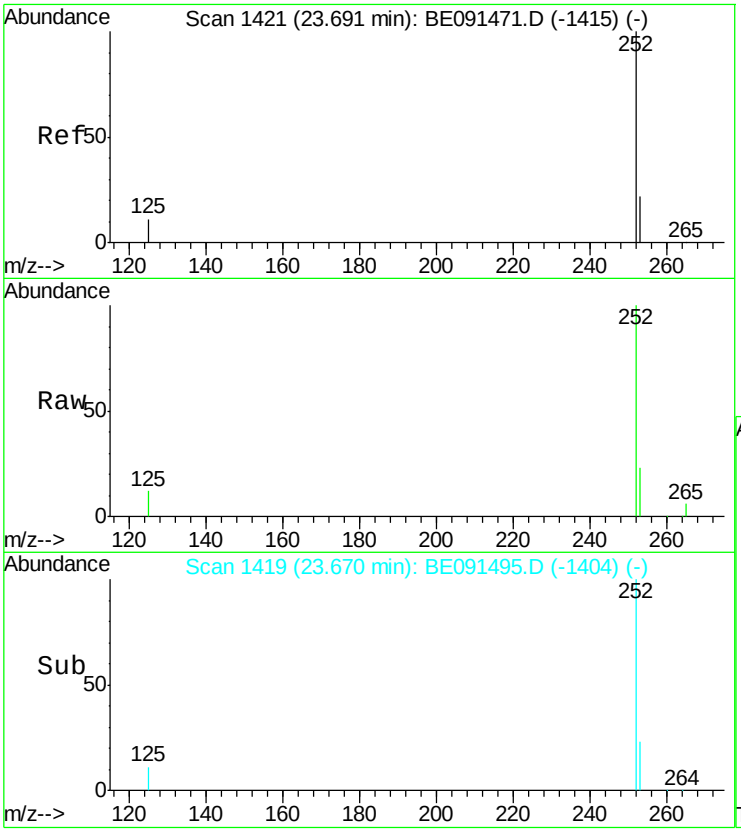


#30
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.07 min Scan# 1367
Delta R.T. -0.03 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:252 Resp: 96554

Ion	Ratio	Lower	Upper
252	100		
253	21.0	20.2	30.4
125	11.5	9.4	14.2

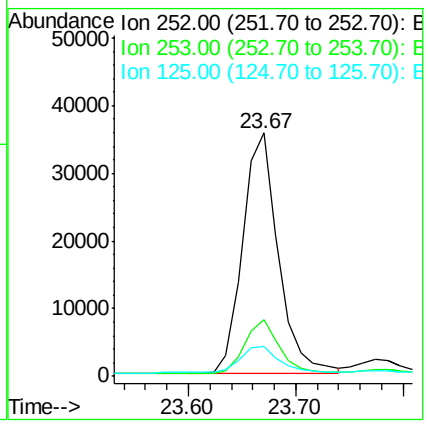




#31
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.67 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:252 Resp: 81966

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.0
125	12.2	11.4	17.2



Instrument :
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ClientSampleId :
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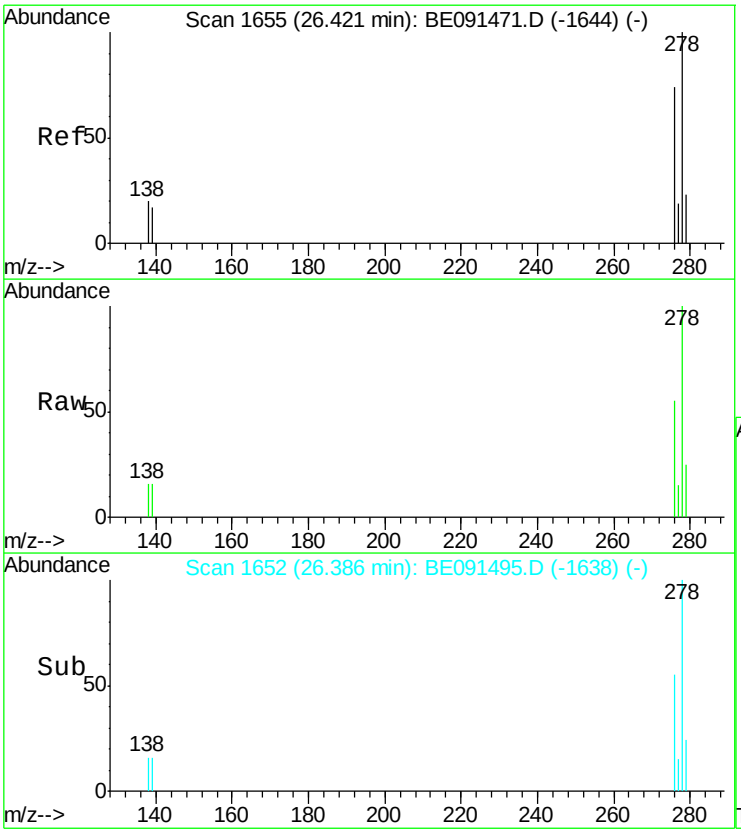
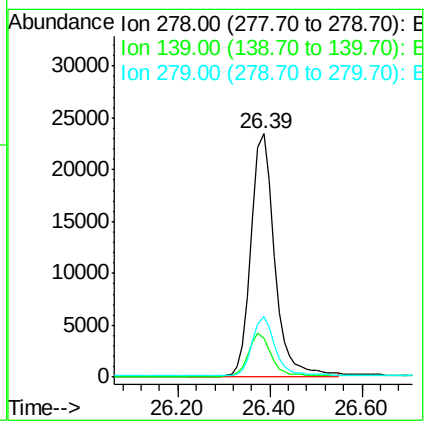
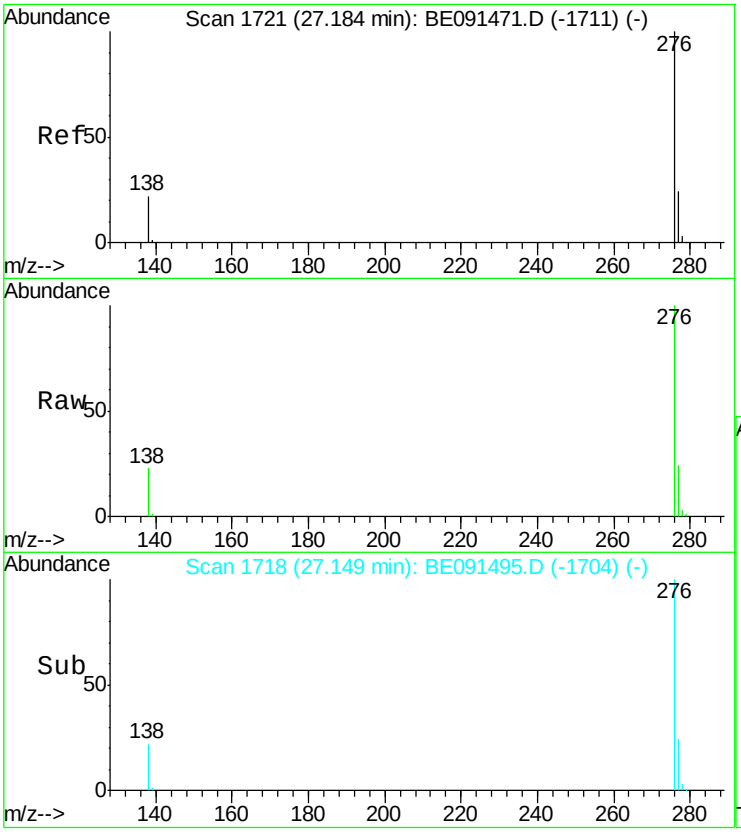


#32
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.39 min Scan# 1652
Delta R.T. -0.04 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:278 Resp: 83544

Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.2	21.4
279	24.8	19.6	29.4

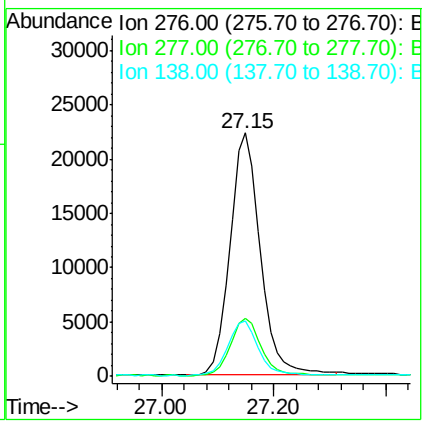




#33
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 27.15 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BE091495.D
Acq: 21 Mar 2016 9:51

Tgt Ion:276 Resp: 84937

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	22.6	18.2	27.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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