Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033016\
Data File : BF085888.D
Acq On : 30 Mar 2016 16:07
Operator : UM/SJ
Sample : H1834-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8

Manual Integrations APPROVED
Sohil
3/31/2016 4:51:42 PM

Quant Time: Mar 31 01:51:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	107270	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	442035	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	192679	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	367473	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	247229	20.00	ng		-0.01
86) Perylene-d12	15.37	264	211155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	973171	151.09	ng		0.00
7) Phenol-d6	6.45	99	1318249	160.97	ng		0.00
23) Nitrobenzene-d5	7.36	82	785129	100.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	305916	167.11	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1311312	113.71	ng		0.00
78) Terphenyl-d14	12.90	244	1004810	83.59	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	20025	4.06	ng		85
49) Dimethylphthalate	9.56	163	408126	27.92	ng		100
51) Acenaphthene	9.86	154	36876	3.10	ng		96
57) Fluorene	10.38	166	46410	3.63	ng	#	99
70) Phenanthrene	11.35	178	687081	36.41	ng		99
71) Anthracene	11.40	178	188748	9.53	ng		98
72) Carbazole	11.56	167	112604	6.77	ng		99
73) Di-n-butylphthalate	11.89	149	53627	2.35	ng		100
74) Fluoranthene	12.54	202	872314	43.49	ng		89
77) Pyrene	12.77	202	807997	39.76	ng		99
80) Benzo(a)anthracene	13.95	228	448254	31.80	ng		96
82) Chrysene	13.98	228	346423m	24.40	ng		
85) Indeno(1,2,3-cd)pyrene	16.75	276	119522	10.90	ng		92
87) Benzo(b)fluoranthene	14.97	252	307025m	23.08	ng		
88) Benzo(k)fluoranthene	15.00	252	116634m	9.73	ng		
89) Benzo(a)pyrene	15.32	252	240606	20.37	ng		96
90) Dibenzo(a,h)anthracene	16.76	278	34256	3.12	ng	#	82
91) Benzo(g,h,i)perylene	17.16	276	134229	12.08	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033016\
Data File : BF085888.D
Acq On : 30 Mar 2016 16:07
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Misc :
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ClientSampleId :
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Manual Integrations APPROVED
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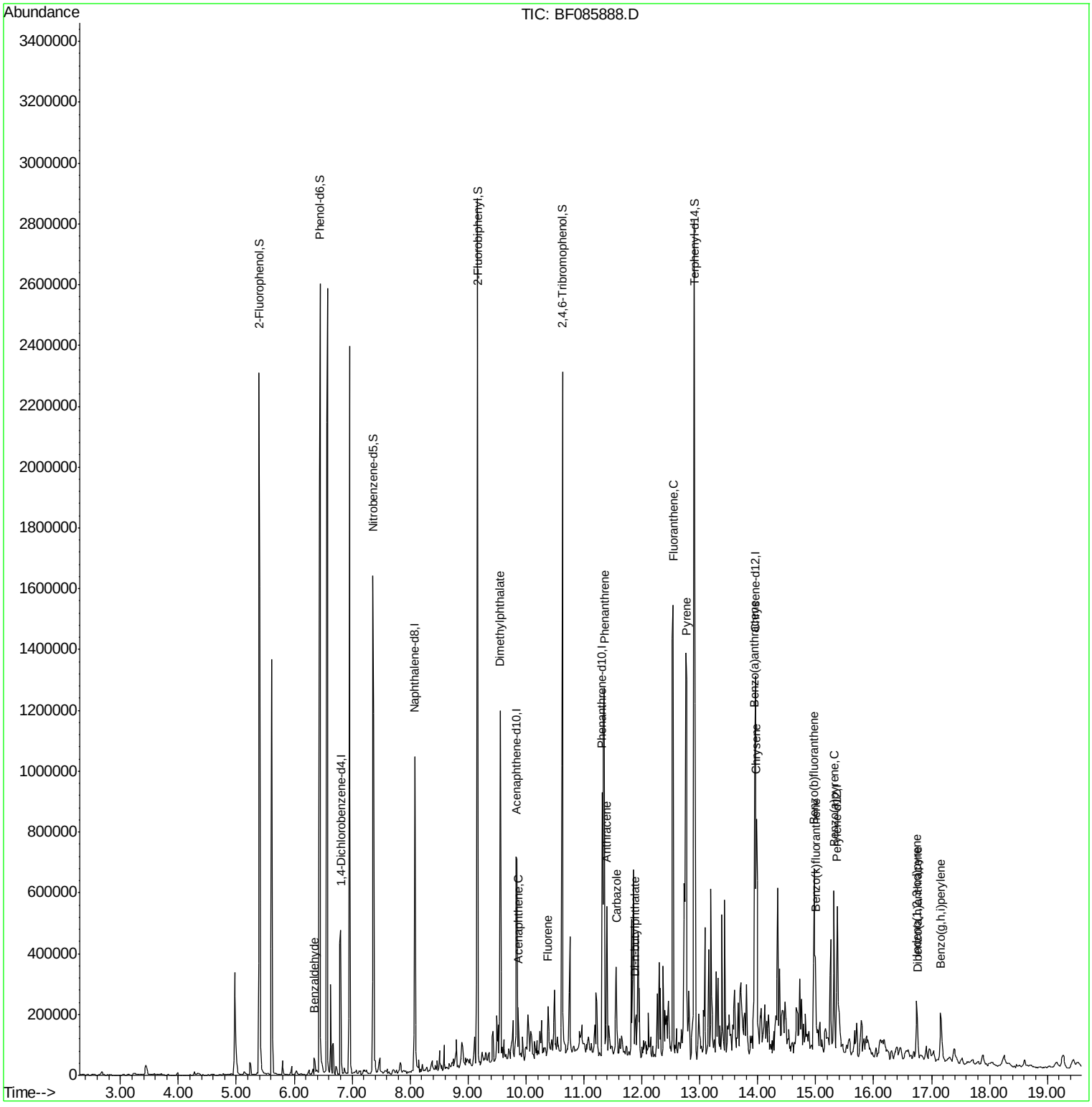
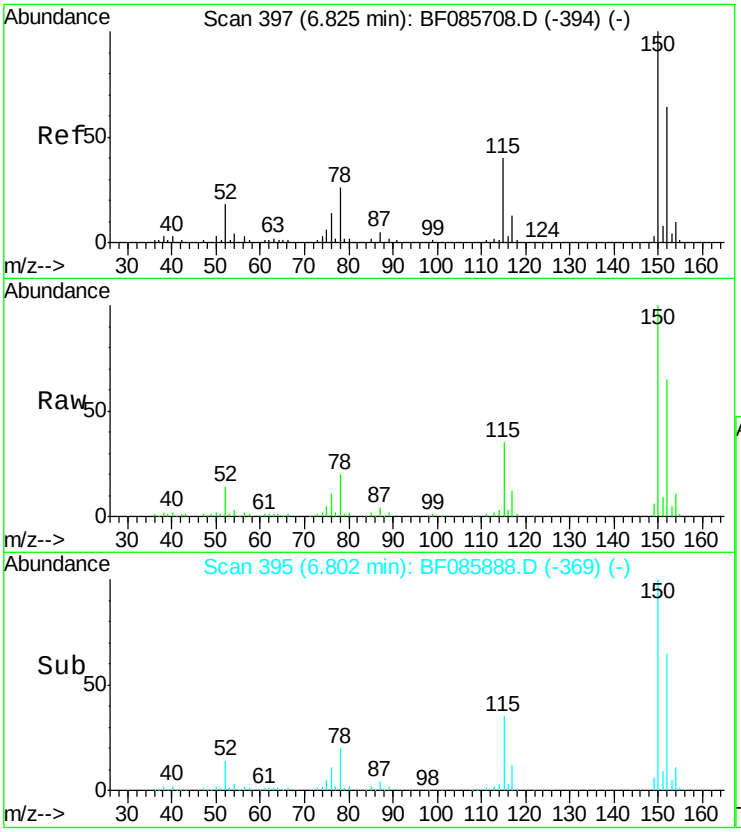
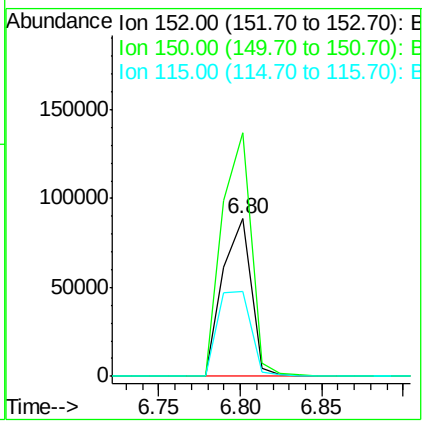




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:152 Resp: 107270

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	54.2	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
8

Manual Integrations APPROVED
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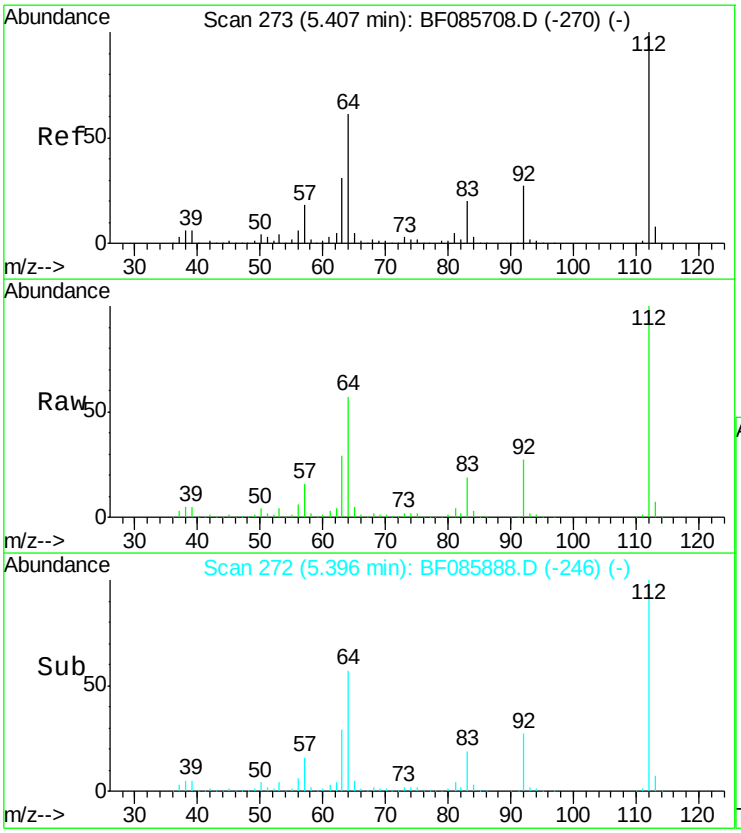
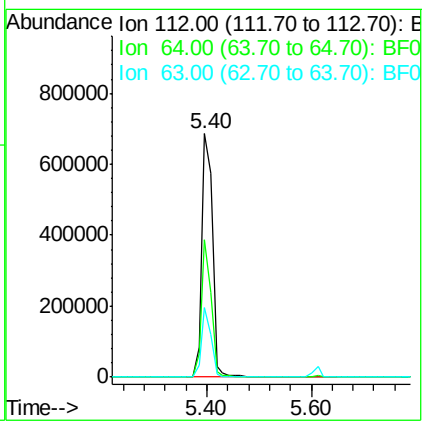
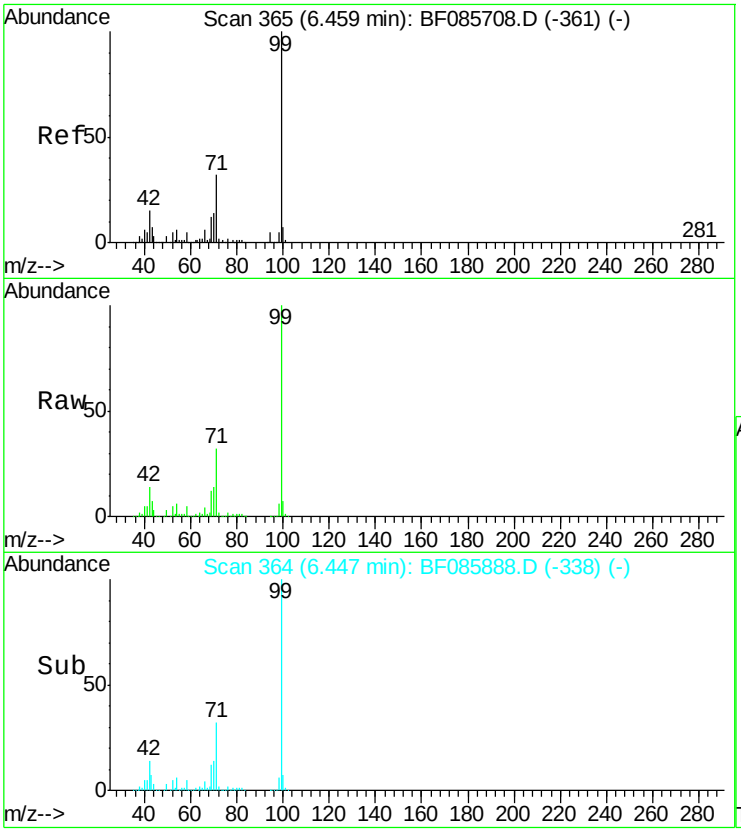


#5
2-Fluorophenol
Concen: 151.09 ng
RT: 5.40 min Scan# 272
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:112 Resp: 973171

Ion	Ratio	Lower	Upper
112	100		
64	56.6	39.9	59.9
63	28.7	20.2	30.2

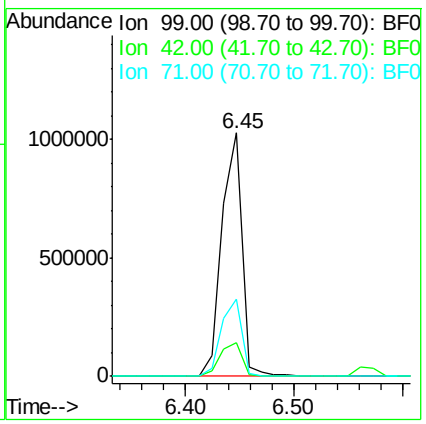




#7
Phenol-d6
Concen: 160.97 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion: 99 Resp: 1318249

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.1	16.7
71	31.9	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
8

Manual Integrations APPROVED
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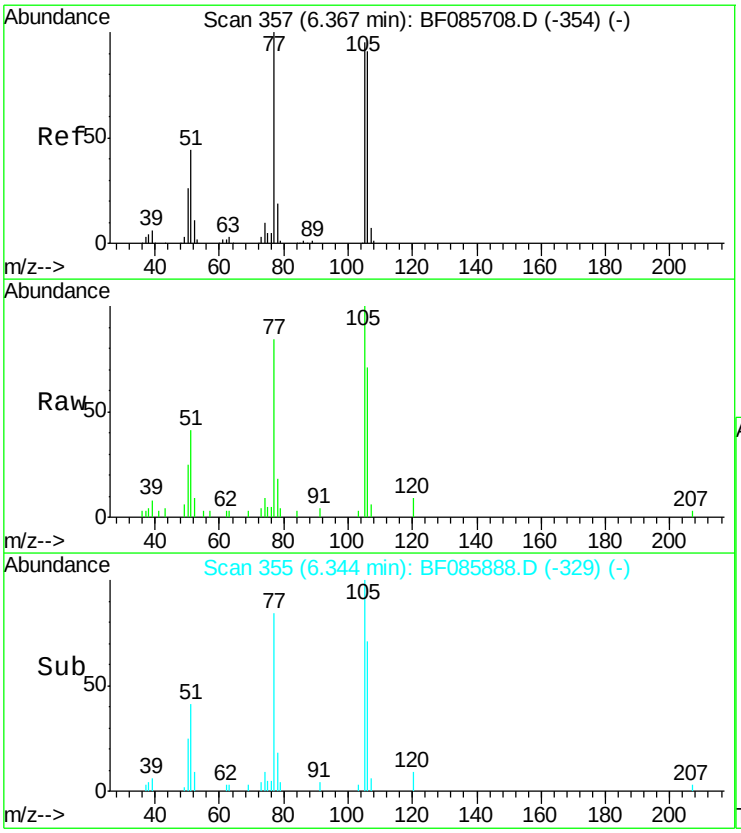
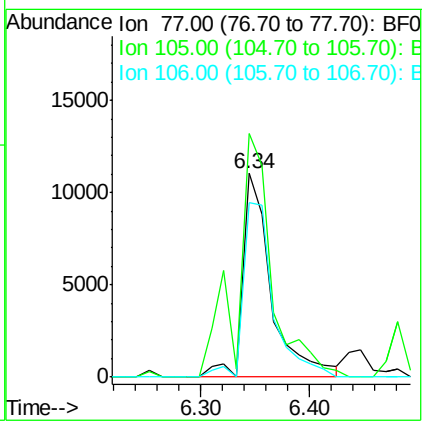
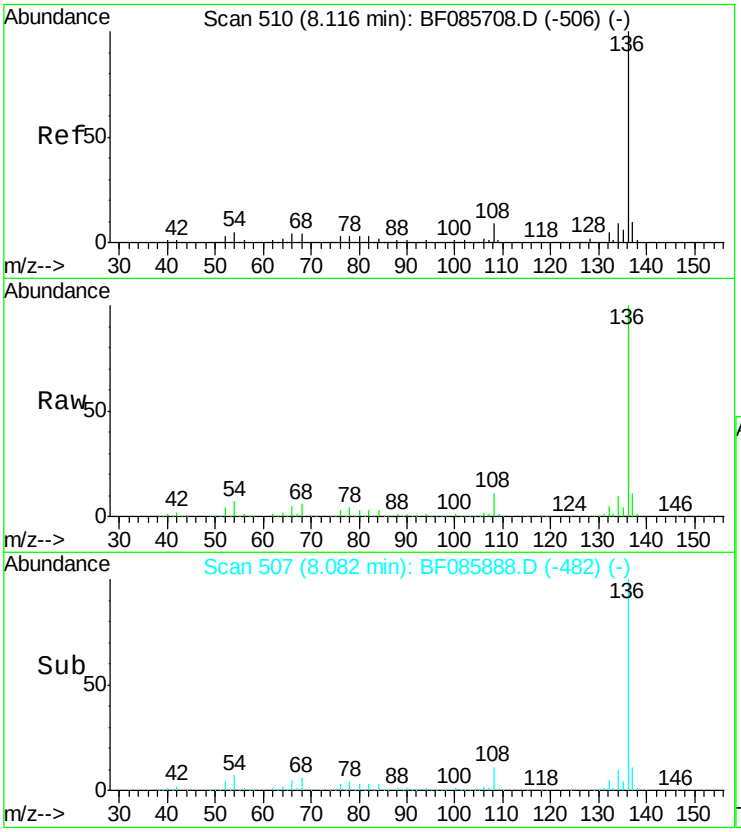


#9
Benzaldehyde
Concen: 4.06 ng
RT: 6.34 min Scan# 355
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion: 77 Resp: 20025

Ion	Ratio	Lower	Upper
77	100		
105	119.6	80.1	120.1
106	85.5	75.0	115.0

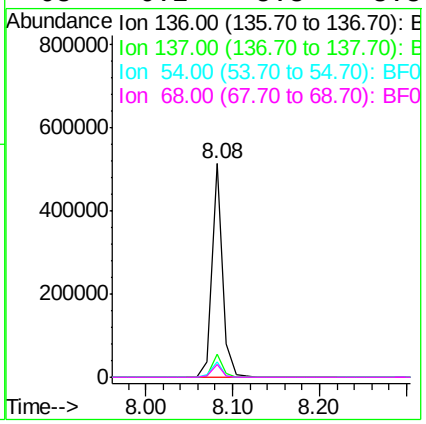




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:136 Resp: 442035

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	7.4	11.0#
68	6.2	5.8	8.8



Instrument :
BNA_F
ClientSampleId :
8

Manual Integrations APPROVED
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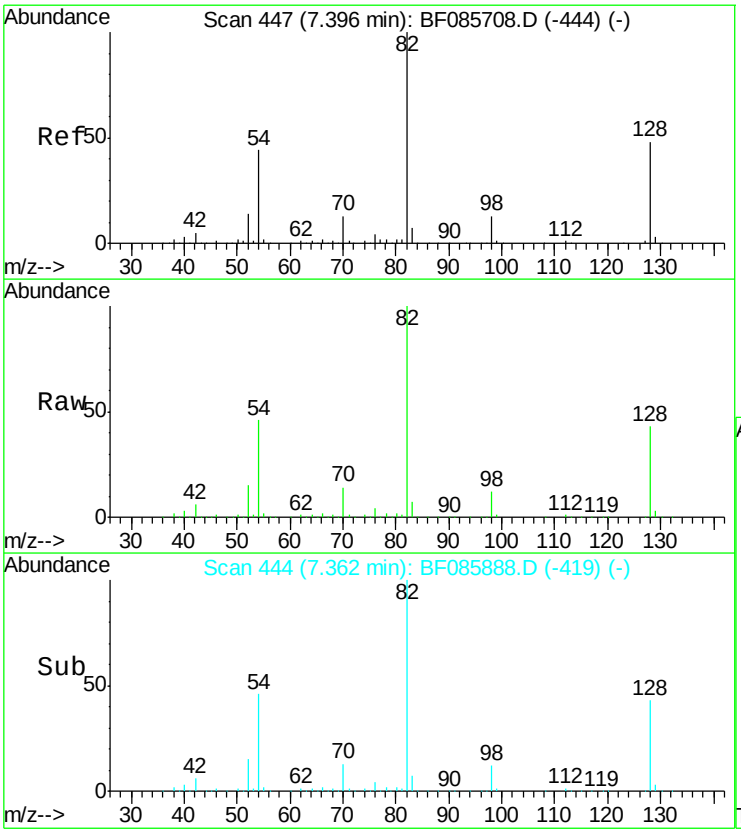
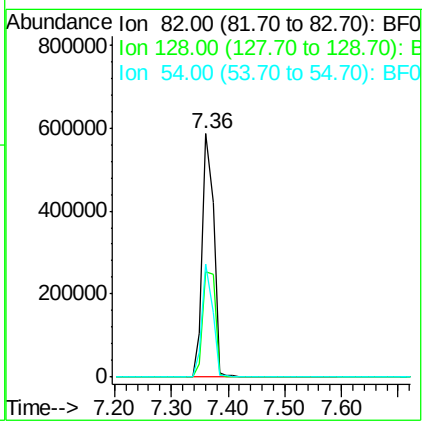
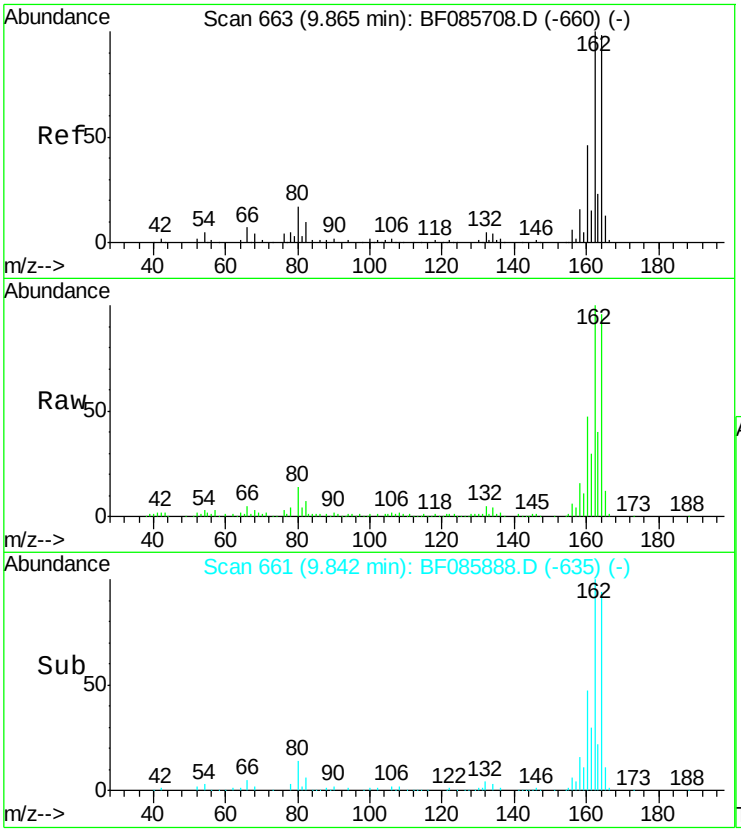


#23
Nitrobenzene-d5
Concen: 100.02 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion: 82 Resp: 785129

Ion	Ratio	Lower	Upper
82	100		
128	43.3	41.8	62.8
54	46.3	33.4	50.0

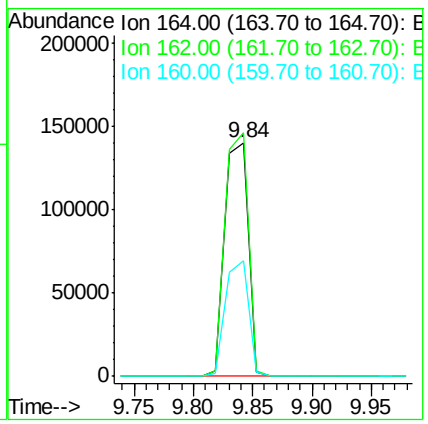




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:164 Resp: 192679

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.1	123.1
160	49.3	37.4	56.2



Instrument :
BNA_F
ClientSampleId :
8

Manual Integrations APPROVED
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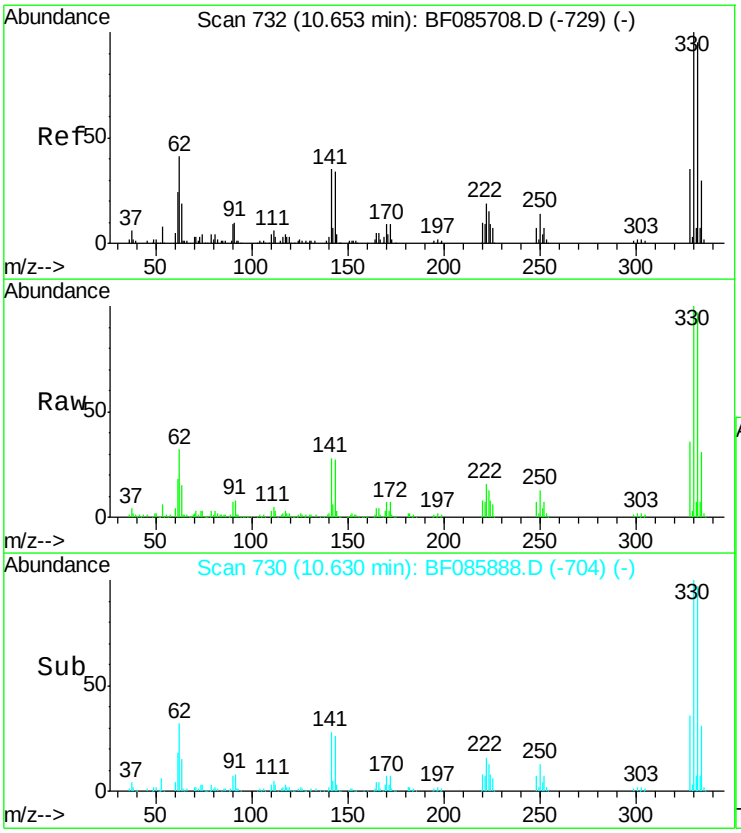
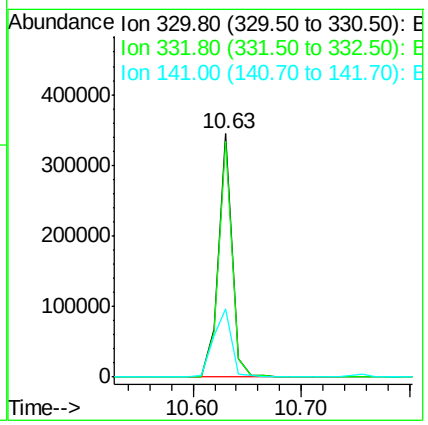
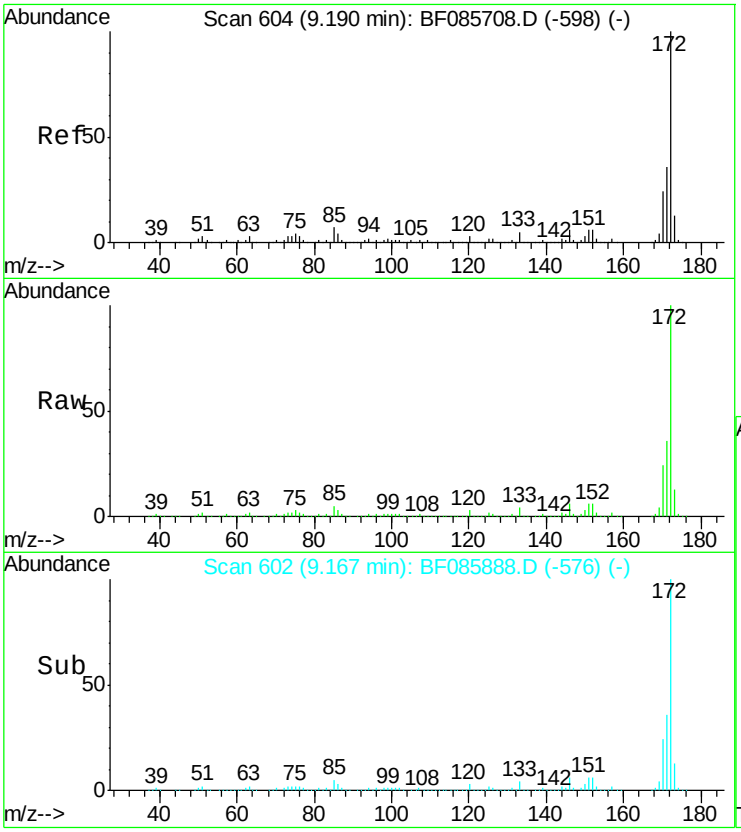


#41
2,4,6-Tribromophenol
Concen: 167.11 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:330 Resp: 305916

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	36.0	31.5	47.3

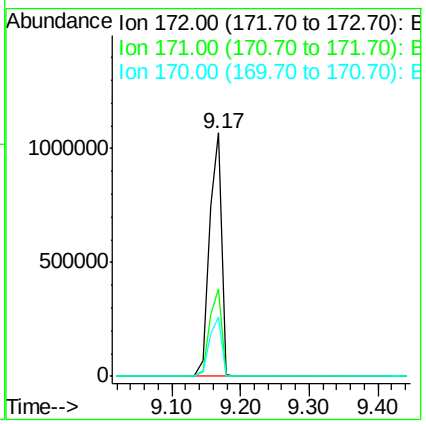




#44
2-Fluorobiphenyl
Concen: 113.71 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:172 Resp: 1311312

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.5	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
8

Manual Integrations APPROVED
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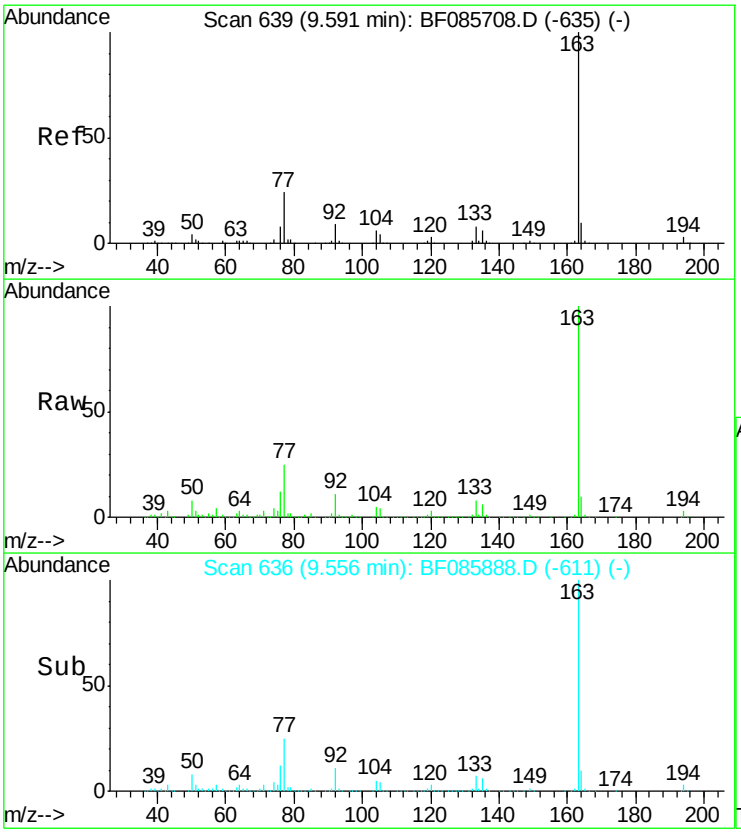
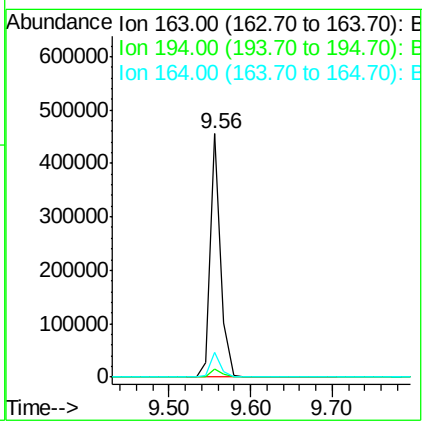
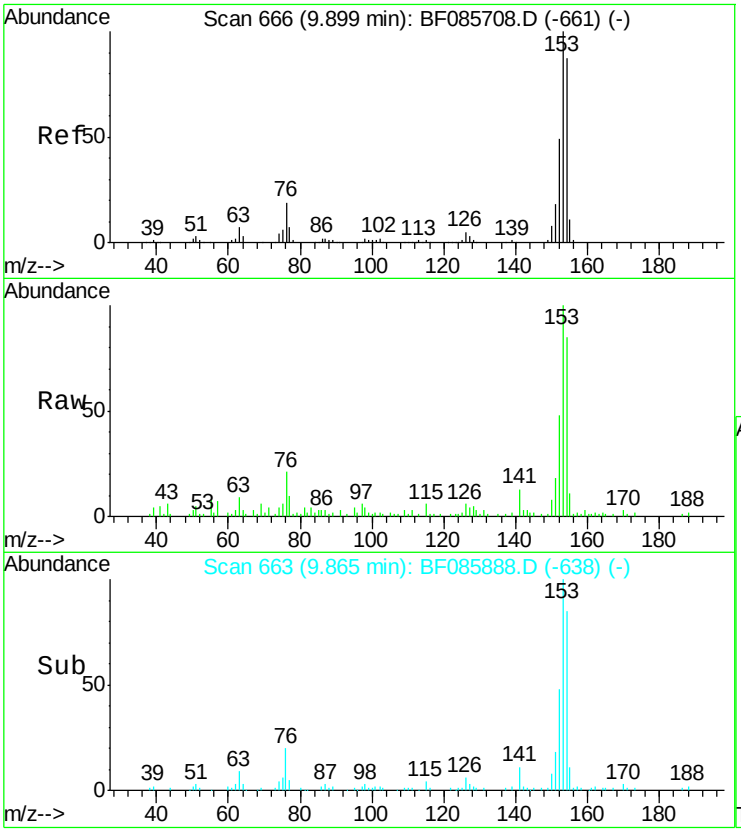


#49
Dimethylphthalate
Concen: 27.92 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:163 Resp: 408126

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.3	8.3	12.5

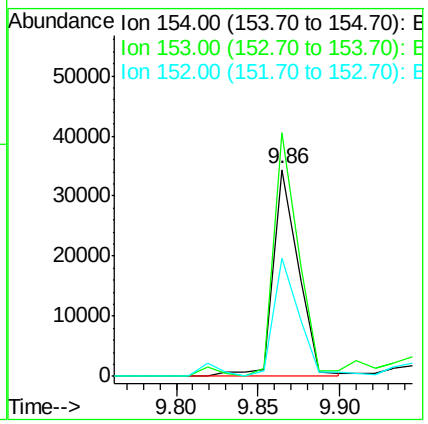




#51
Acenaphthene
Concen: 3.10 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:154 Resp: 36876

Ion	Ratio	Lower	Upper
154	100		
153	117.9	90.1	135.1
152	57.1	44.2	66.2



Instrument :
BNA_F
ClientSampleId :
8

Manual Integrations APPROVED
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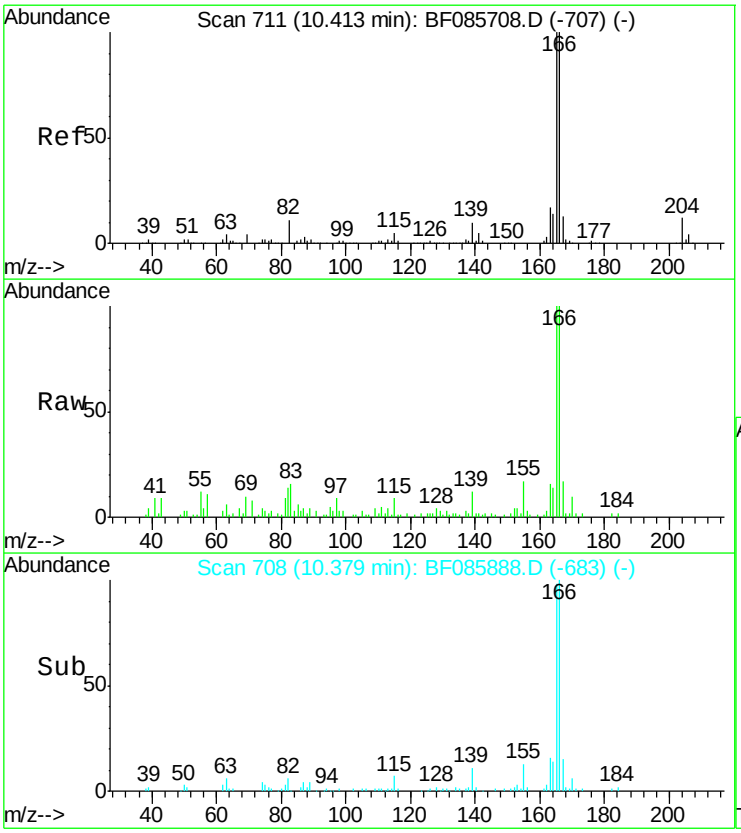
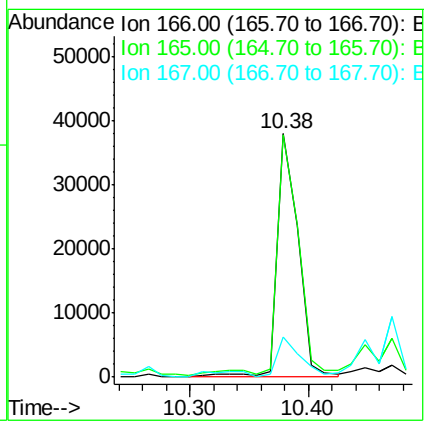
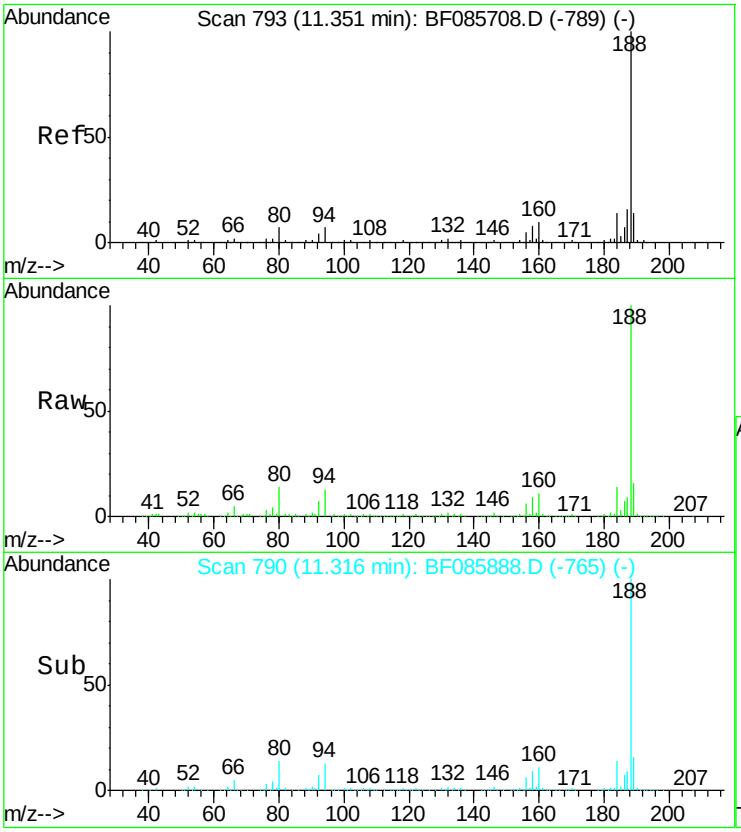


#57
Fluorene
Concen: 3.63 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:166 Resp: 46410

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.4	119.0
167	16.6	11.0	16.4#

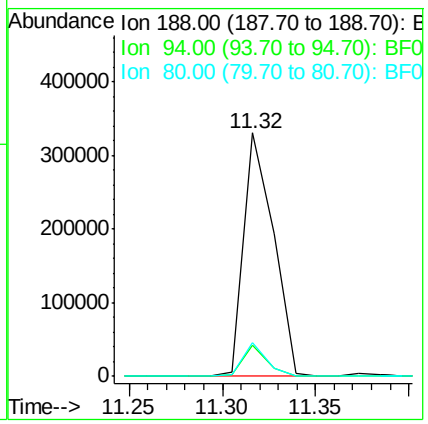




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:188 Resp: 367473

Ion	Ratio	Lower	Upper
188	100		
94	12.6	5.4	8.0#
80	14.1	5.5	8.3#



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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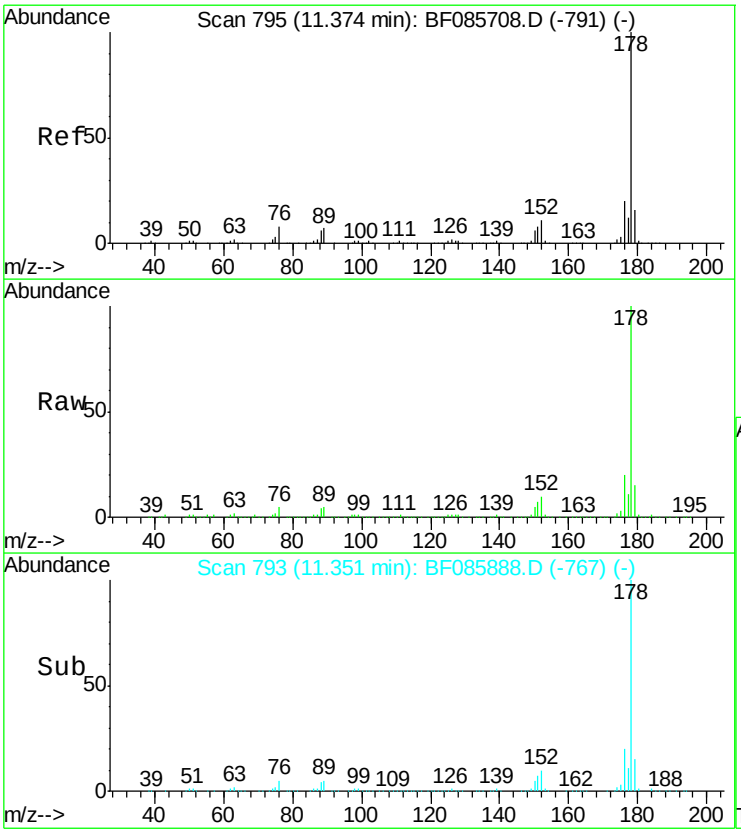
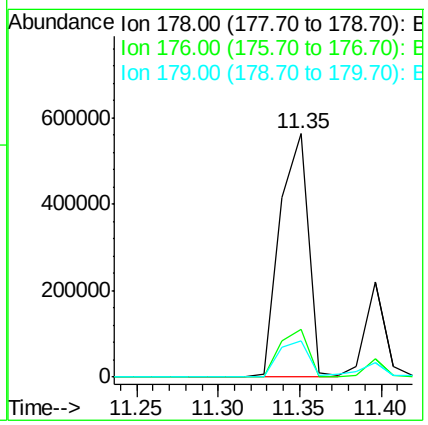
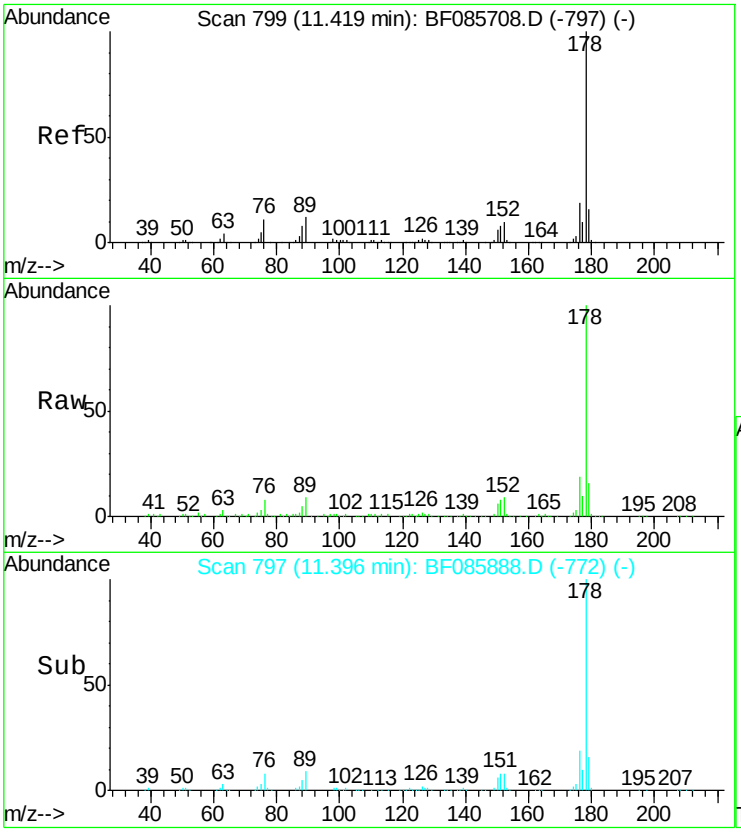


#70
Phenanthrene
Concen: 36.41 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:178 Resp: 687081

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.1	12.6	18.8

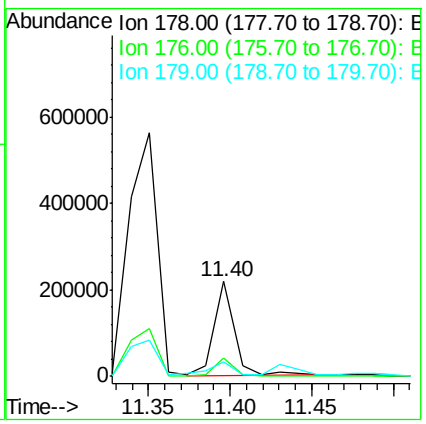




#71
Anthracene
Concen: 9.53 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

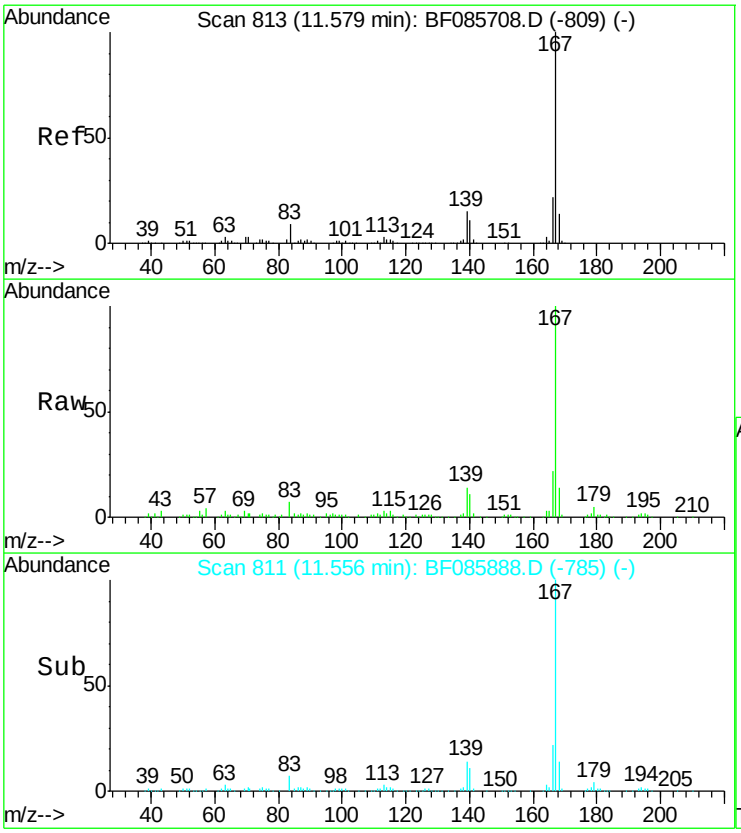
Tgt Ion:178 Resp: 188748

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.8	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
8

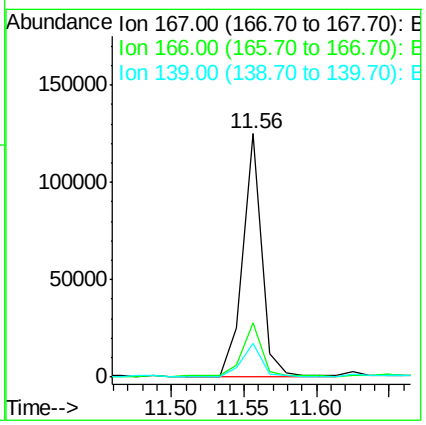
Manual Integrations APPROVED
Sohil
3/31/2016 4:51:42 PM

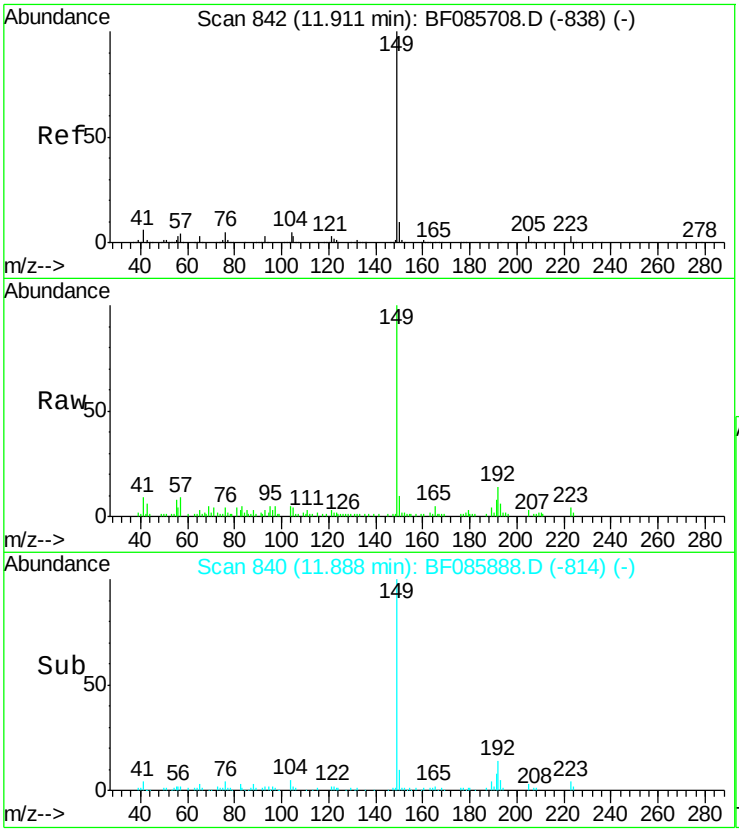


#72
Carbazole
Concen: 6.77 ng
RT: 11.56 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:167 Resp: 112604

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	14.0	11.6	17.4

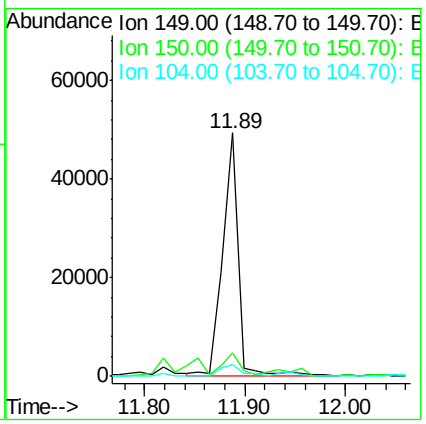




#73
Di-n-butylphthalate
Concen: 2.35 ng
RT: 11.89 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:149 Resp: 53627

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.8	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
8

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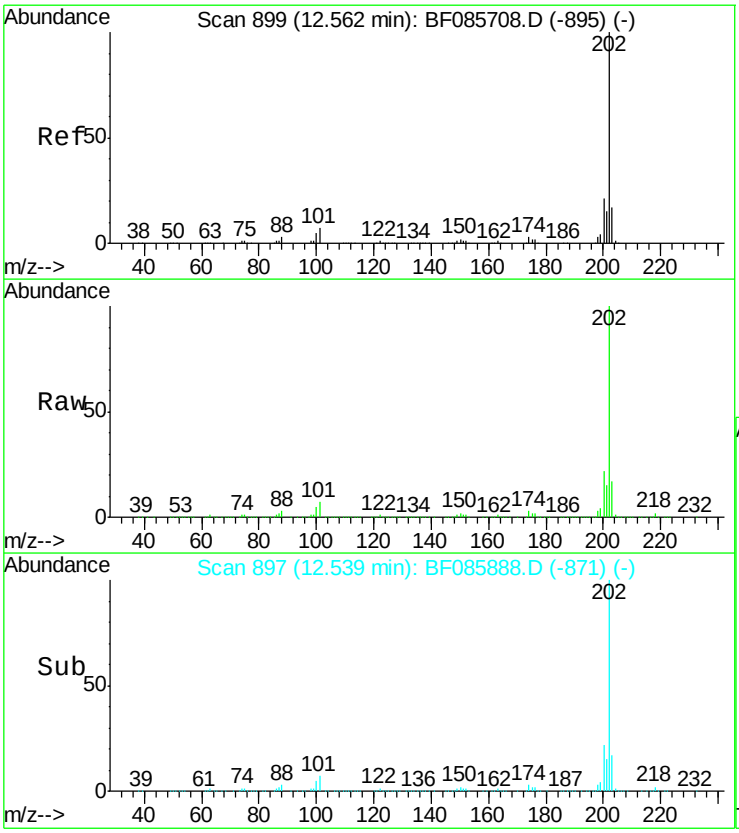
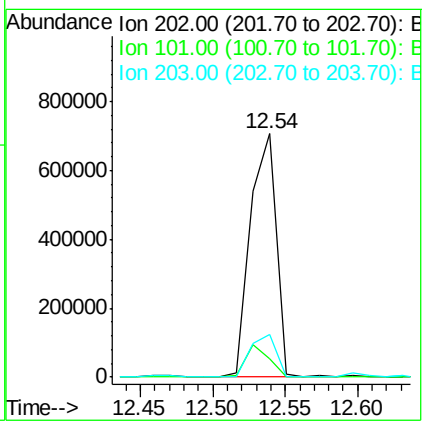
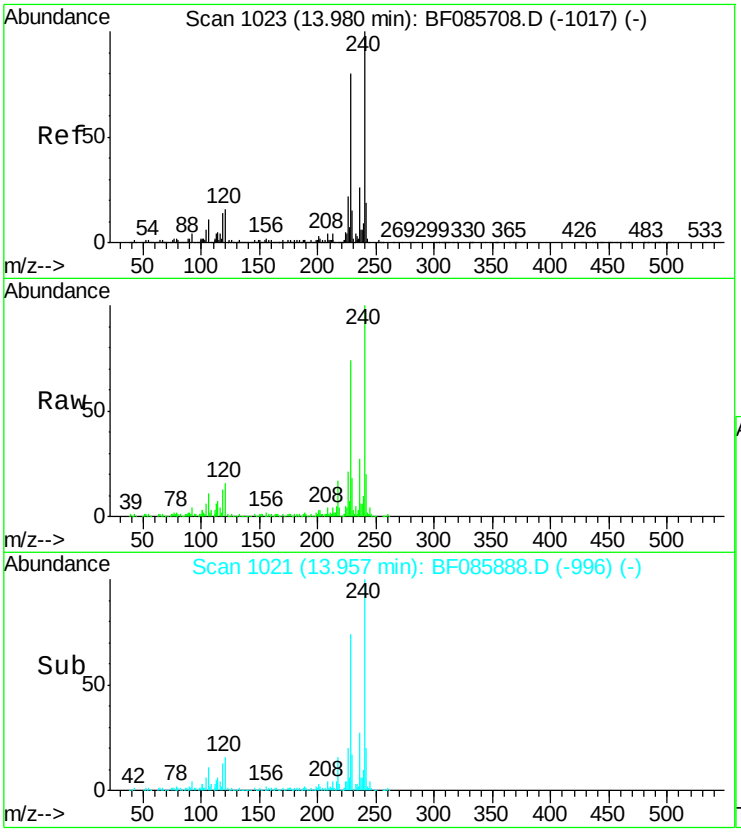


#74
Fluoranthene
Concen: 43.49 ng
RT: 12.54 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:202 Resp: 872314

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	36.6
203	17.5	0.0	38.1

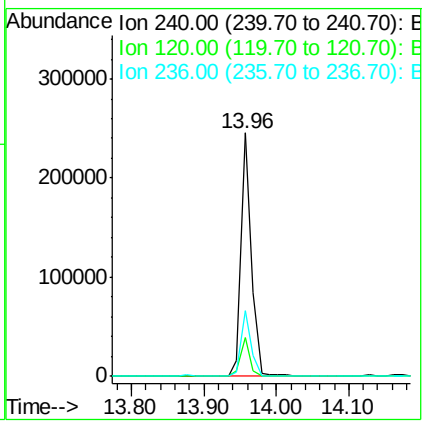




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:240 Resp: 247229

Ion	Ratio	Lower	Upper
240	100		
120	15.9	13.8	20.8
236	26.7	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
8

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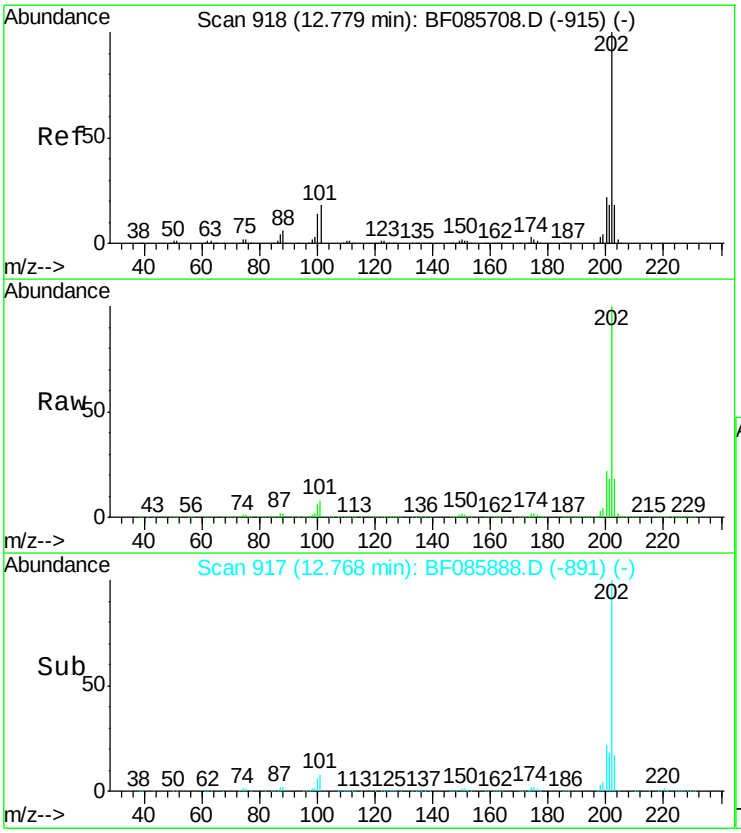
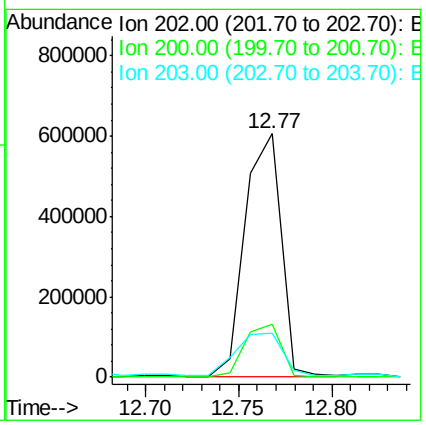
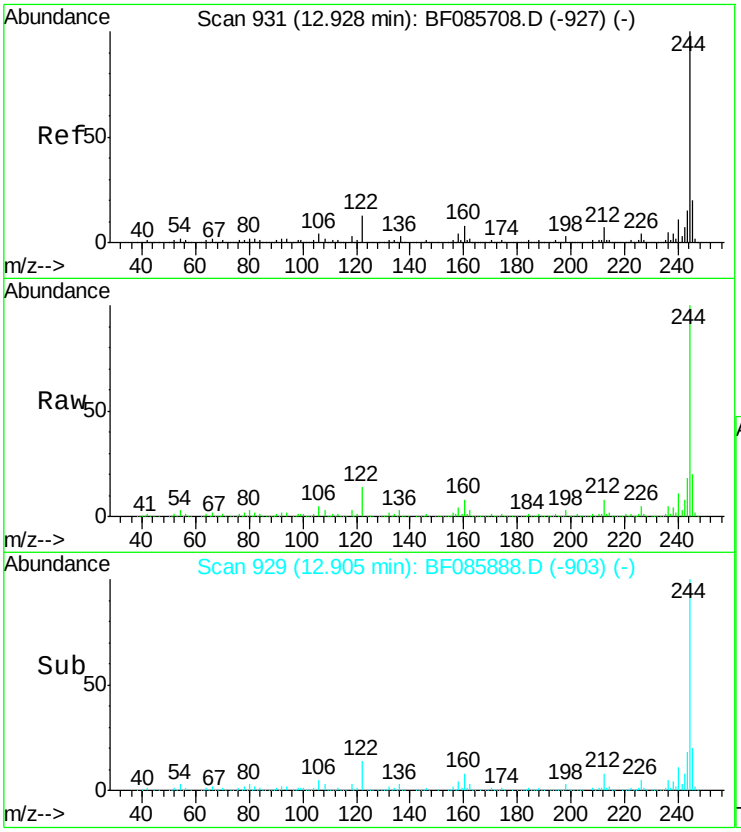


#77
Pyrene
Concen: 39.76 ng
RT: 12.77 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:202 Resp: 807997

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.8	14.0	21.0

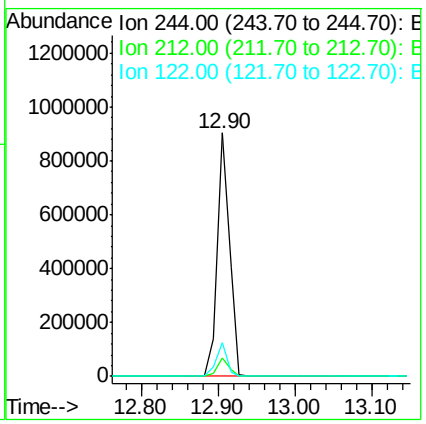




#78
Terphenyl-d14
Concen: 83.59 ng
RT: 12.90 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:244 Resp: 1004810

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	13.6	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
8

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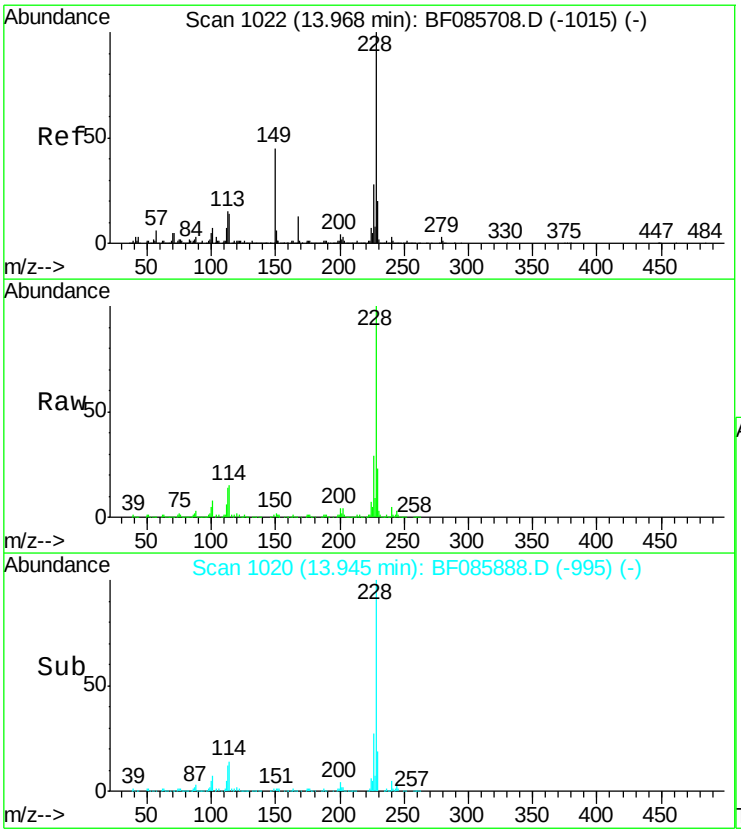
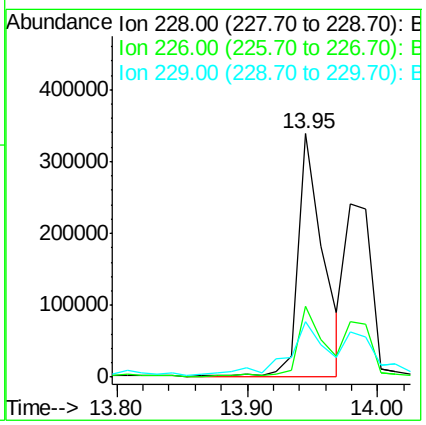
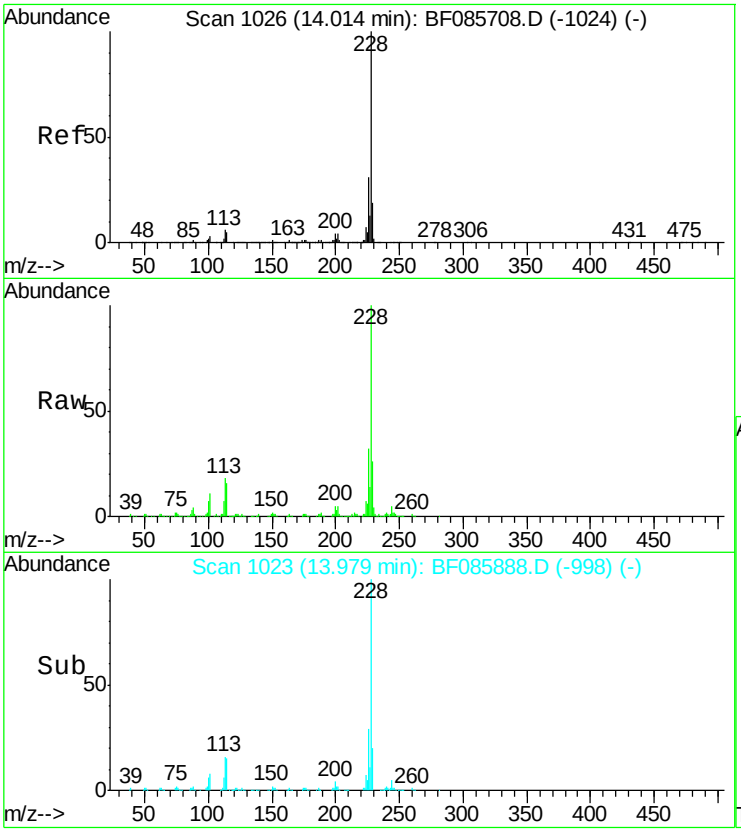


#80
Benzo(a)anthracene
Concen: 31.80 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:228 Resp: 448254

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.1	33.1
229	22.9	16.2	24.4

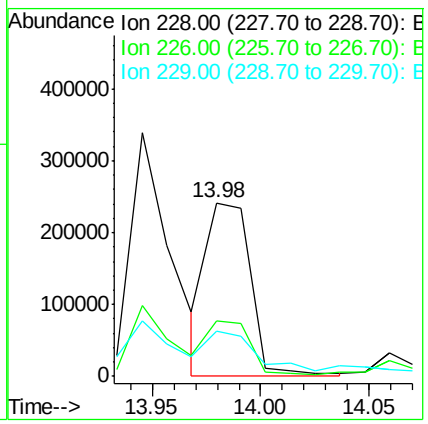




#82
Chrysene
Concen: 24.40 ng m
RT: 13.98 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:228 Resp: 346423

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	26.3	15.7	23.5#



Instrument :
BNA_F
ClientSampleId :
8

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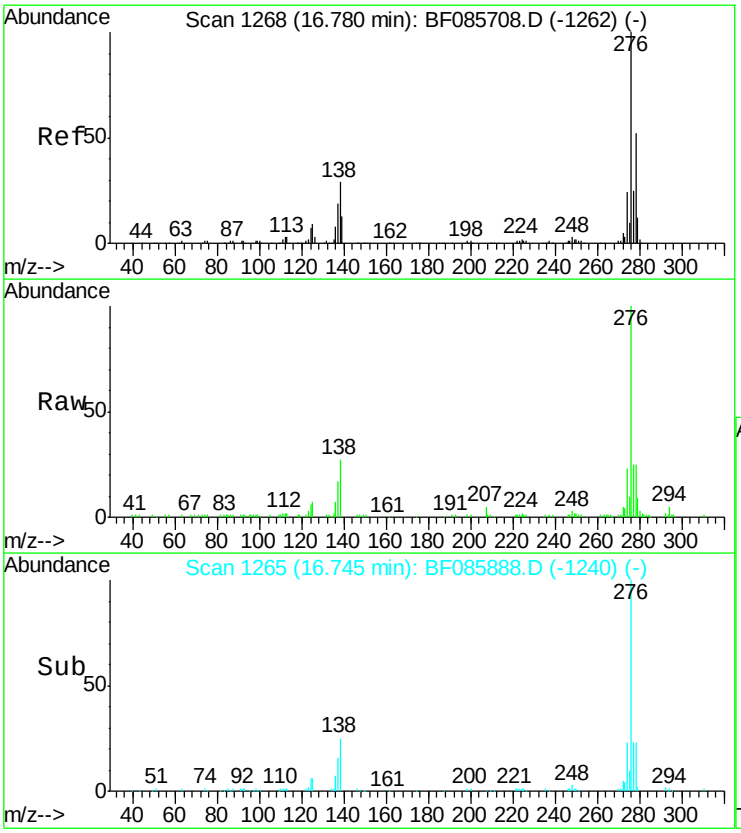
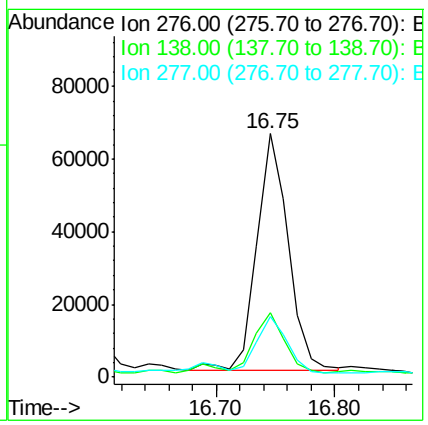
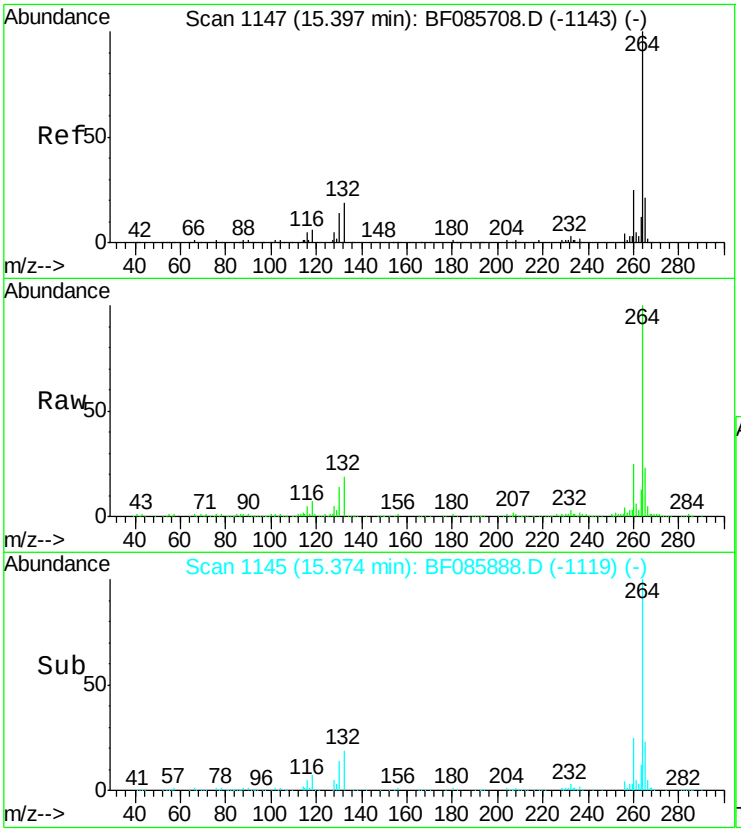


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.90 ng
RT: 16.75 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:276 Resp: 119522

Ion	Ratio	Lower	Upper
276	100		
138	24.3	24.2	36.4
277	23.3	20.0	30.0

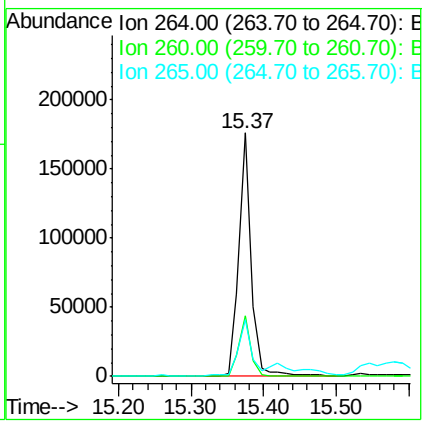




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:264 Resp: 211155

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	23.3	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
8

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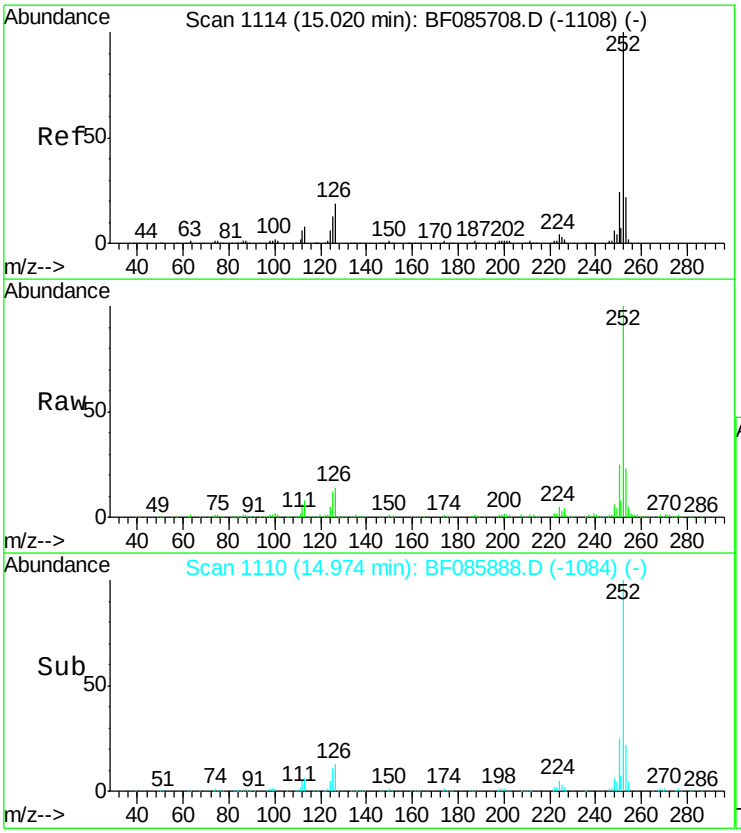
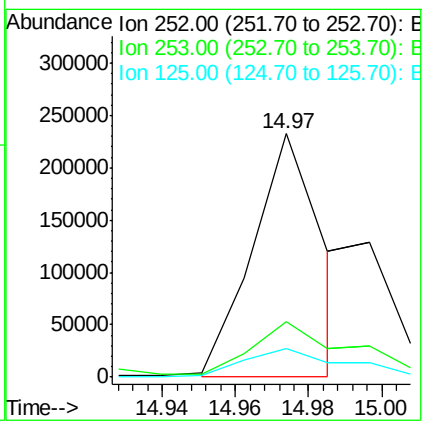
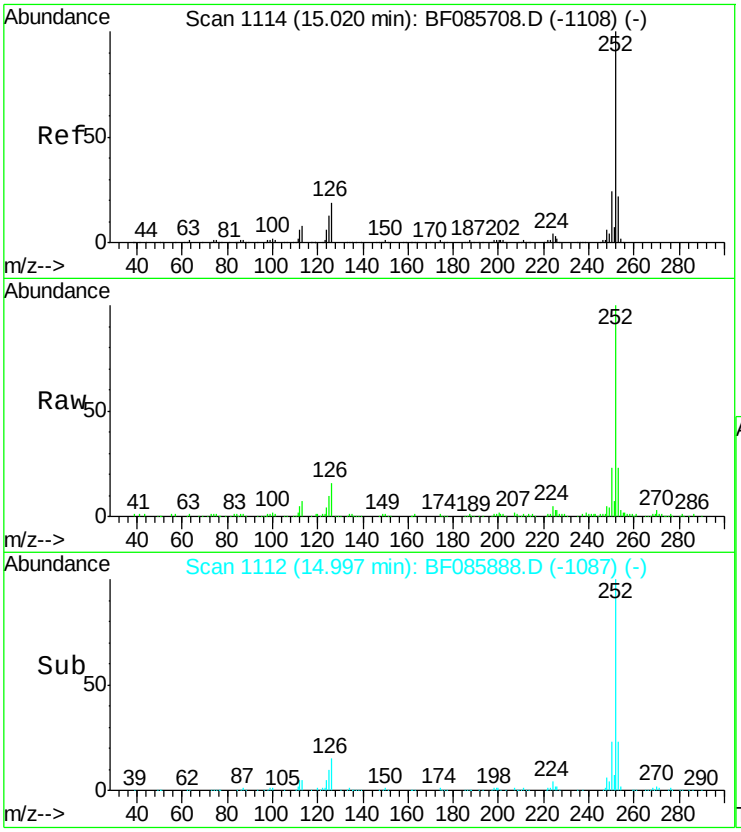


#87
Benzo(b)fluoranthene
Concen: 23.08 ng m
RT: 14.97 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:252 Resp: 307025

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	11.7	10.3	15.5

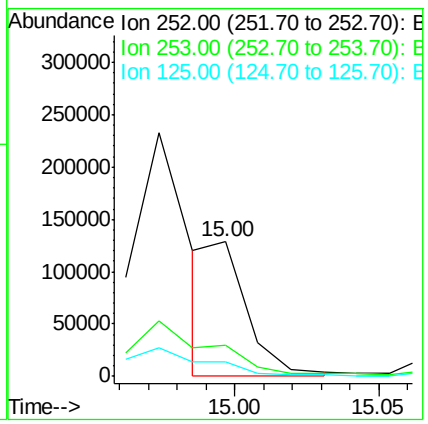




#88
Benzo(k)fluoranthene
Concen: 9.73 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:252 Resp: 116634

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	10.3	7.7	11.5



Instrument :
BNA_F
ClientSampleId :
8

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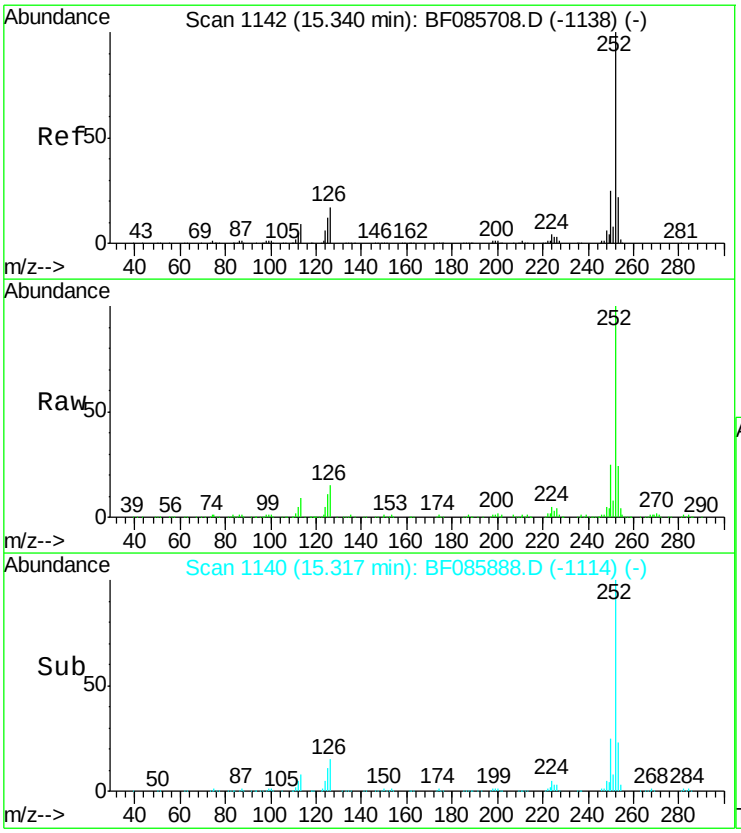
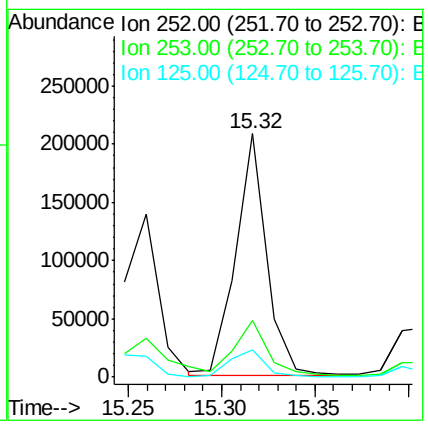
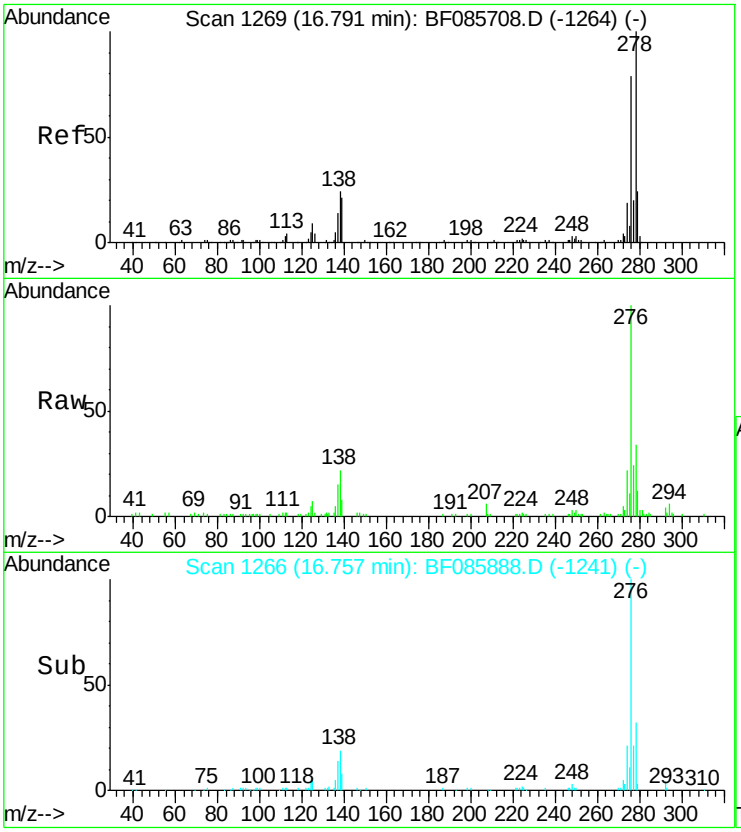


#89
Benzo(a)pyrene
Concen: 20.37 ng
RT: 15.32 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:252 Resp: 240606

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	11.0	10.3	15.5

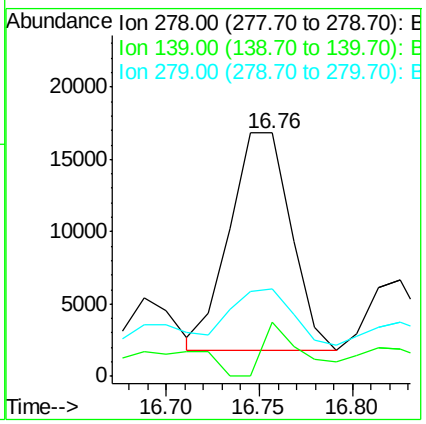




#90
Dibenzo(a,h)anthracene
Concen: 3.12 ng
RT: 16.76 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:278 Resp: 34256

Ion	Ratio	Lower	Upper
278	100		
139	22.4	14.4	21.6#
279	35.7	19.1	28.7#



Instrument :
BNA_F
ClientSampleId :
8

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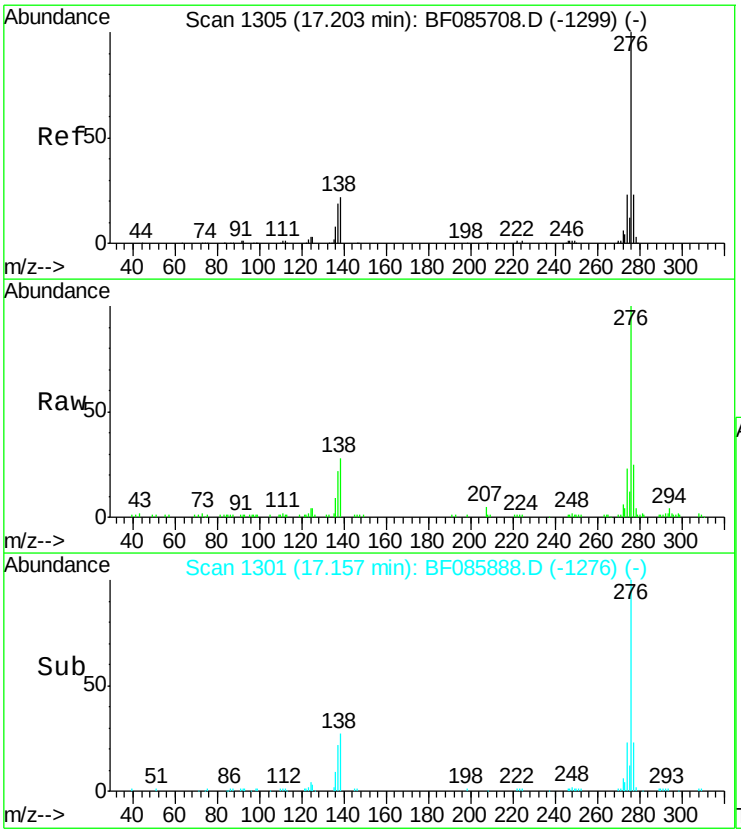

#91
Benzo(g,h,i)perylene
Concen: 12.08 ng
RT: 17.16 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF085888.D
Acq: 30 Mar 2016 16:07

Tgt Ion:276 Resp: 134229

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	27.7	22.6	34.0