Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085246.D
Acq On : 5 Mar 2016 11:24
Operator : SJ/IZ
Sample : H1675-03 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-002(0-2)

Manual Integrations APPROVED
UMANGI
3/7/2016 9:33:39 AM

Quant Time: Mar 07 01:19:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	27239	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	111183	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	44845	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	69283	20.00	ng		-0.01
75) Chrysene-d12	14.13	240	53540	20.00	ng		-0.02
86) Perylene-d12	15.60	264	54360	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	195289	120.26	ng		-0.01
7) Phenol-d6	6.58	99	261486	122.90	ng		-0.02
23) Nitrobenzene-d5	7.52	82	132337	63.69	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	30540	79.59	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	260420	88.32	ng		-0.02
78) Terphenyl-d14	13.08	244	162681	70.54	ng		-0.01
Target Compounds							Qvalue
48) Acenaphthylene	9.88	152	13710	3.02	ng		97
49) Dimethylphthalate	9.72	163	28404	8.25	ng	#	98
57) Fluorene	10.56	166	6044	2.13	ng	#	96
70) Phenanthrene	11.52	178	90924	25.04	ng		96
71) Anthracene	11.57	178	35779	9.28	ng		98
72) Carbazole	11.72	167	12444	3.68	ng		96
74) Fluoranthene	12.71	202	168691	46.29	ng		94
77) Pyrene	12.94	202	153476	38.09	ng		95
80) Benzo(a)anthracene	14.12	228	89432	27.90	ng		99
82) Chrysene	14.15	228	67670	22.85	ng		96
83) Bis(2-ethylhexyl)phthalate	14.11	149	5592	2.32	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.07	276	44979	19.47	ng	#	90
87) Benzo(b)fluoranthene	15.17	252	132093m	36.46	ng		
88) Benzo(k)fluoranthene	15.19	252	27329m	9.35	ng		
89) Benzo(a)pyrene	15.53	252	58718	19.56	ng	#	88
90) Dibenzo(a,h)anthracene	17.08	278	10954	4.27	ng	#	76
91) Benzo(g,h,i)perylene	17.51	276	40994	15.91	ng		94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Mar 07 01:19:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Manual Integrations APPROVED
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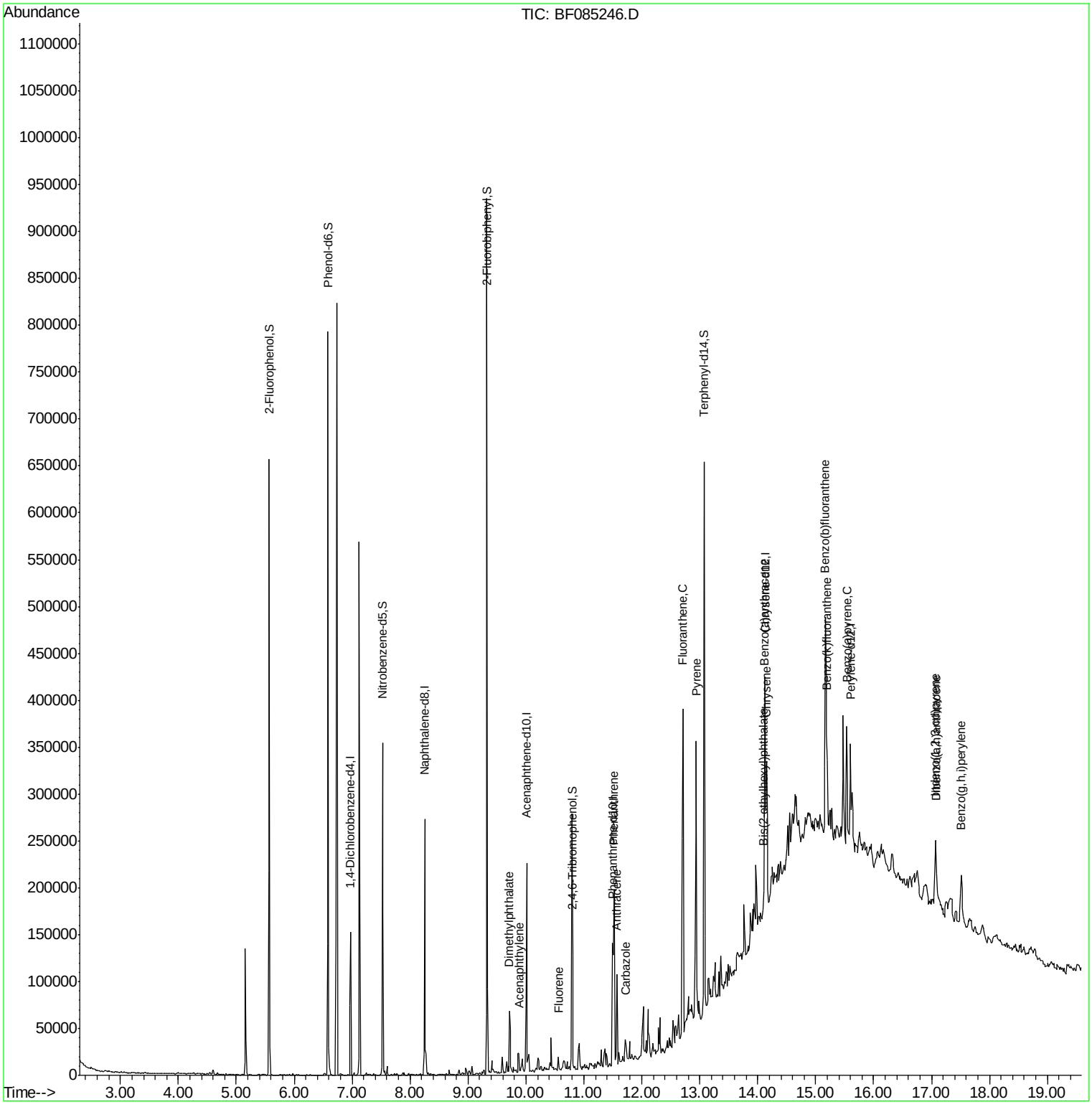
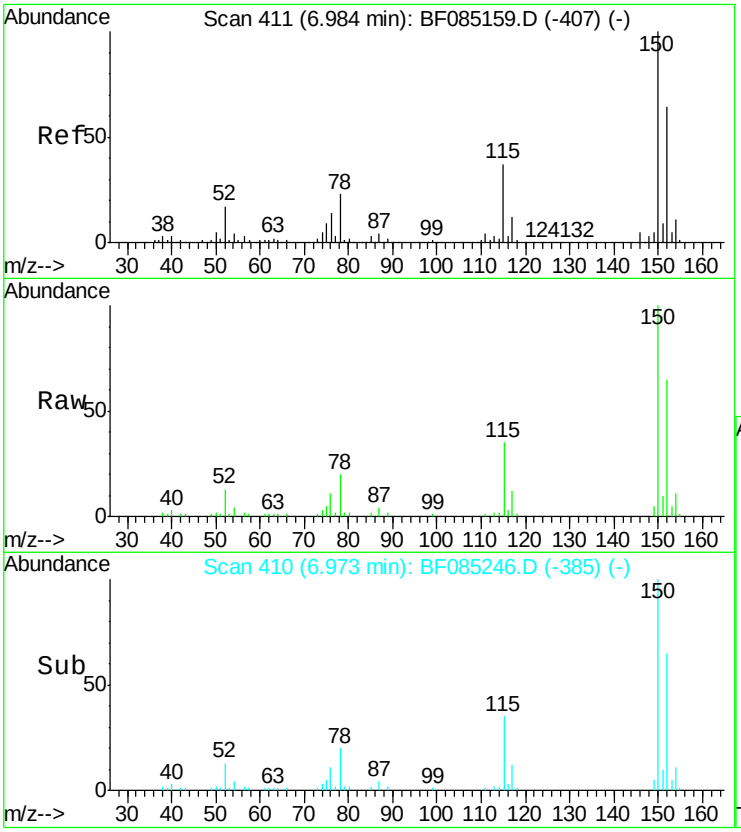
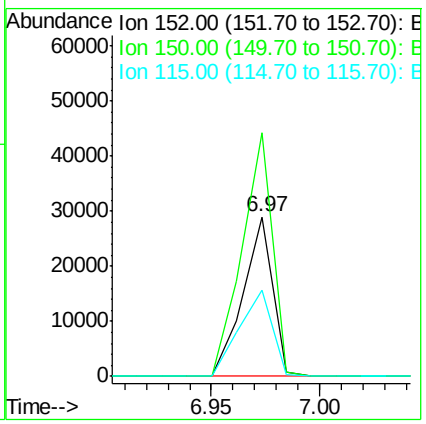




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:152 Resp: 27239

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	54.1	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Manual Integrations APPROVED
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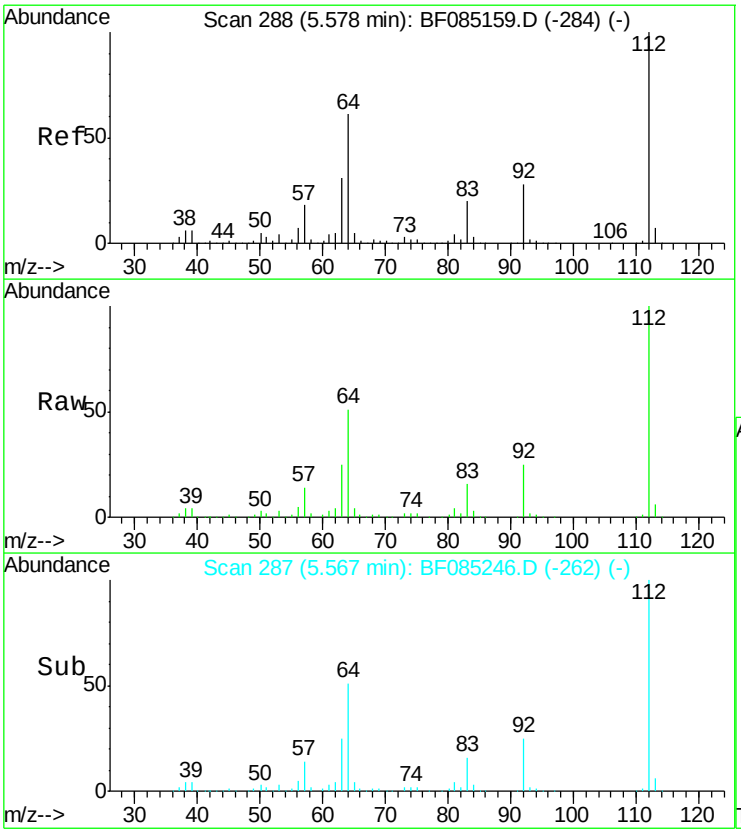
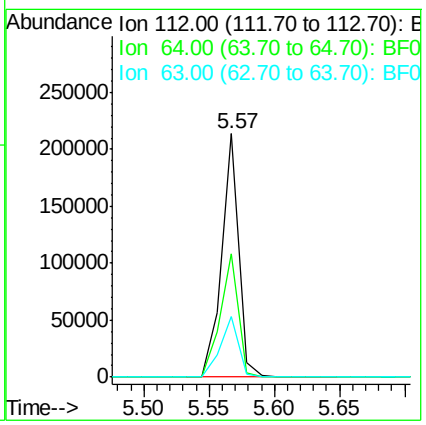
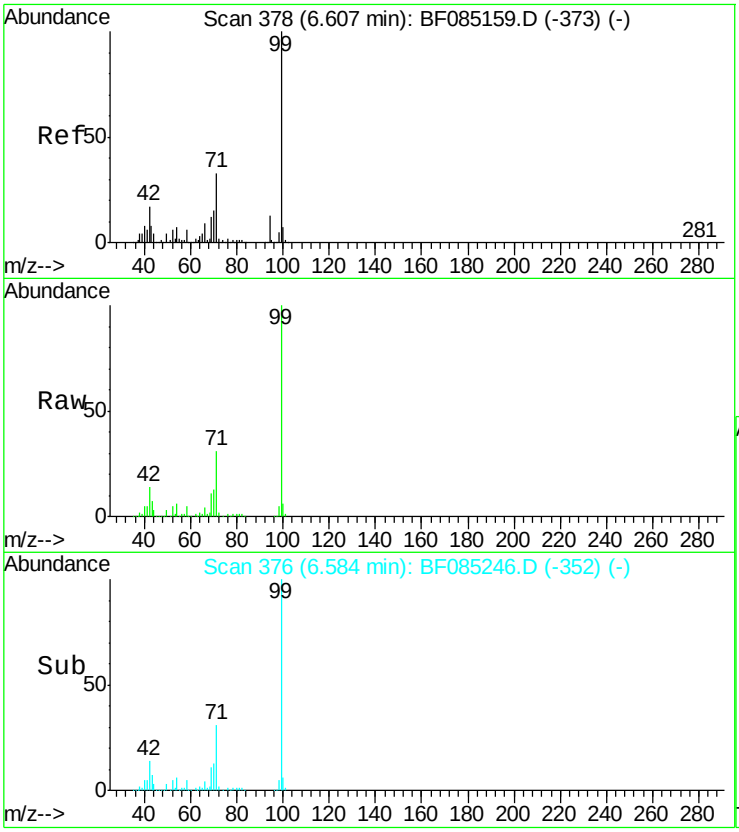


#5
2-Fluorophenol
Concen: 120.26 ng
RT: 5.57 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:112 Resp: 195289

Ion	Ratio	Lower	Upper
112	100		
64	50.5	49.0	73.4
63	24.6	24.8	37.2#

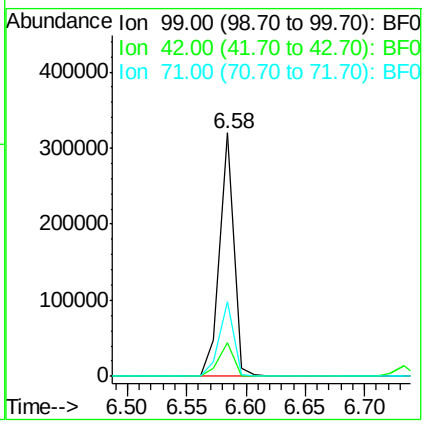




#7
Phenol-d6
Concen: 122.90 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion: 99 Resp: 261486

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.6	20.4
71	30.5	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Manual Integrations APPROVED
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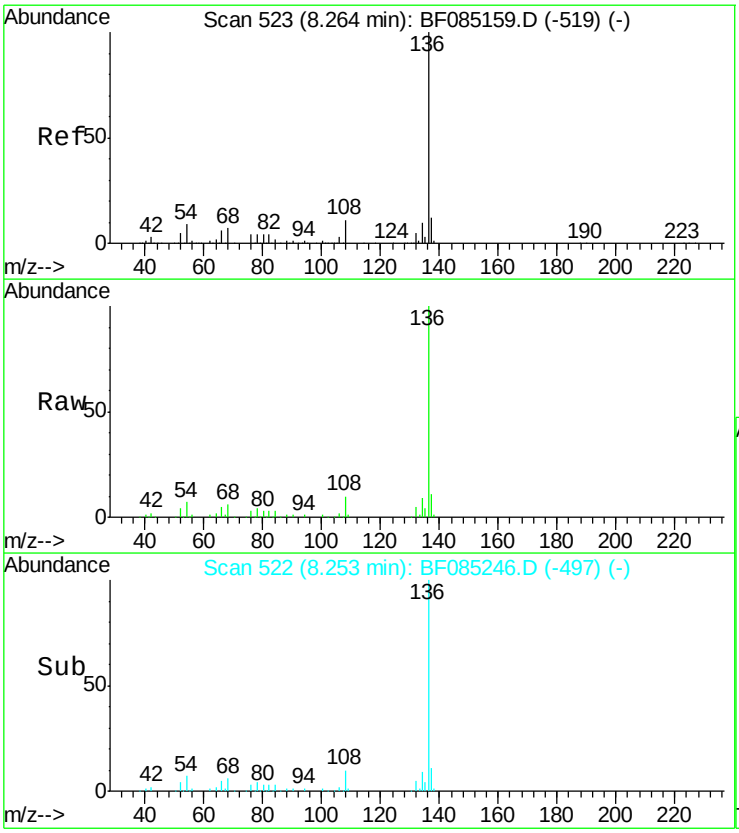
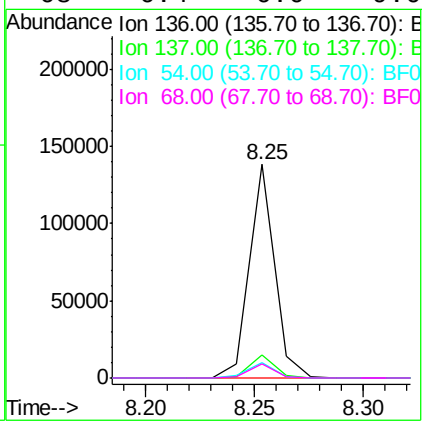
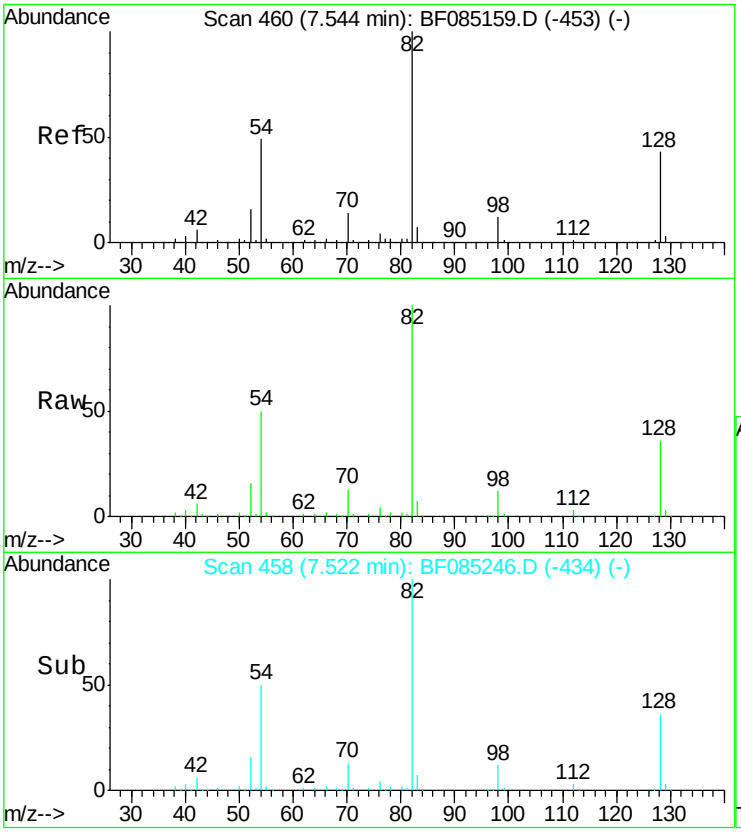


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:136 Resp: 111183

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	7.1	7.4	11.2#
68	6.4	6.0	9.0

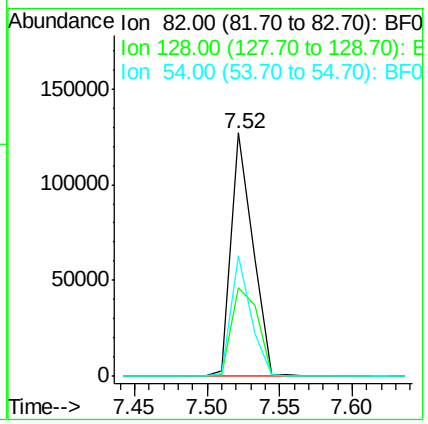




#23
Nitrobenzene-d5
Concen: 63.69 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion: 82 Resp: 132337

Ion	Ratio	Lower	Upper
82	100		
128	36.5	34.5	51.7
54	49.7	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Manual Integrations APPROVED
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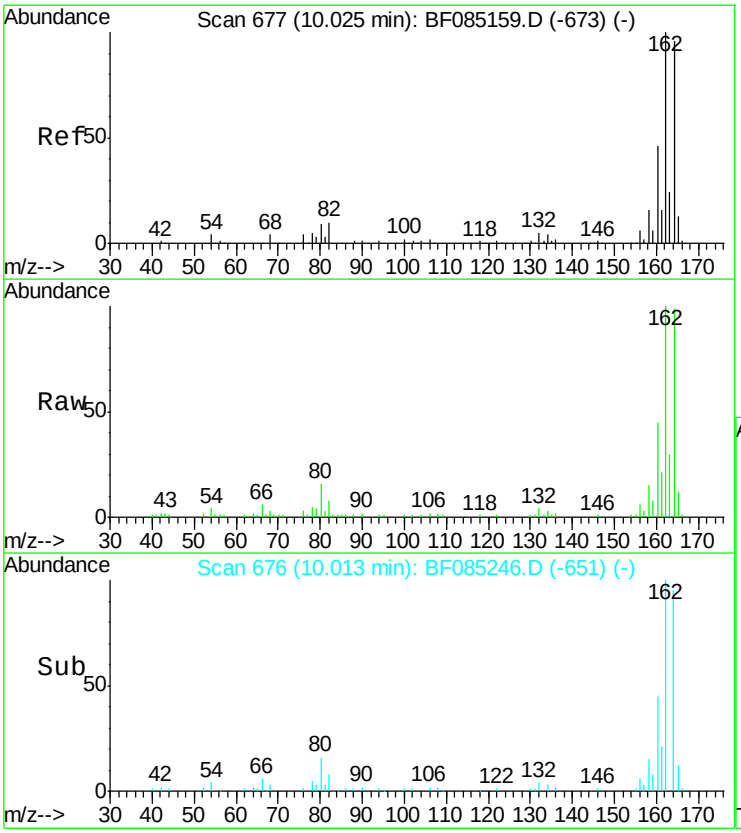
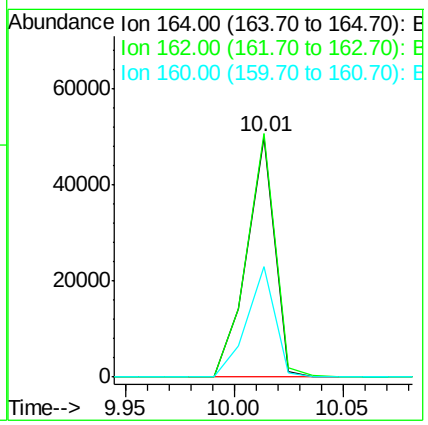
3/7/2016 9:33:39 AM

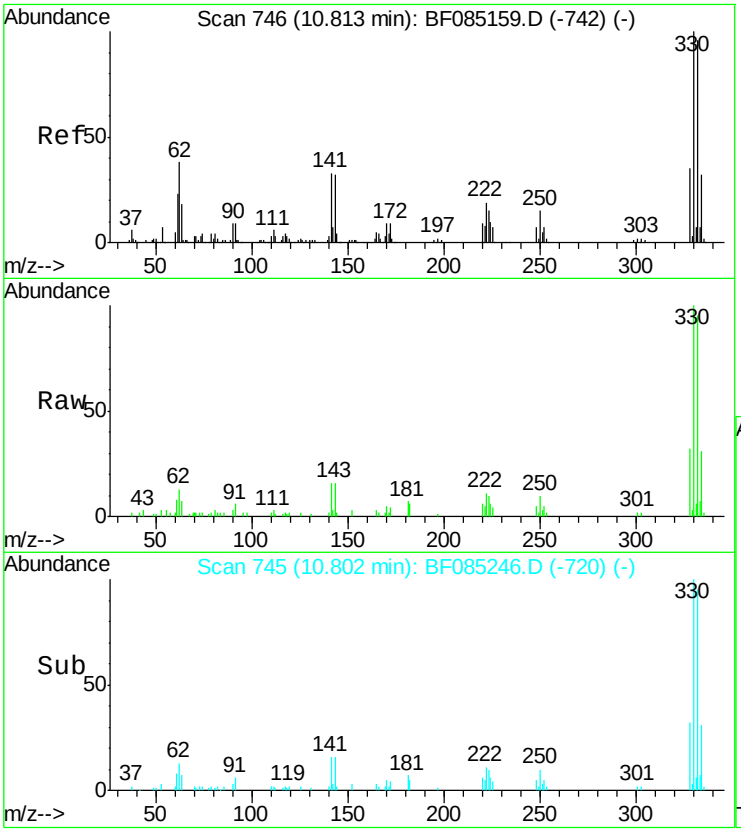


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:164 Resp: 44845

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.3	124.9
160	45.8	37.9	56.9

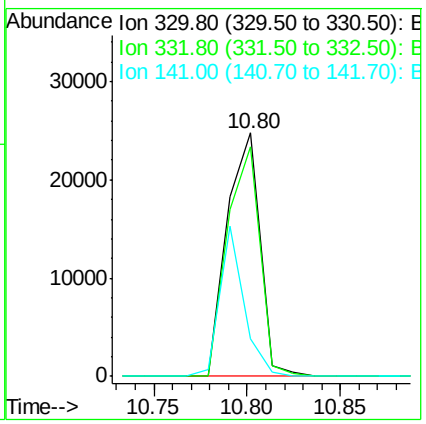




#41
2,4,6-Tribromophenol
Concen: 79.59 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:330 Resp: 30540

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.1	115.7
141	45.4	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Manual Integrations APPROVED
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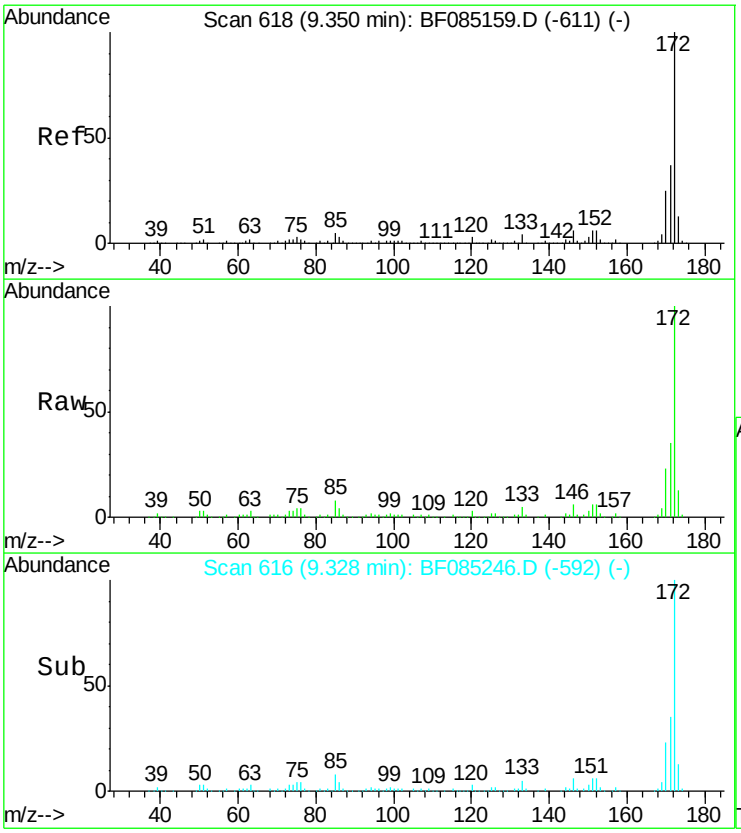
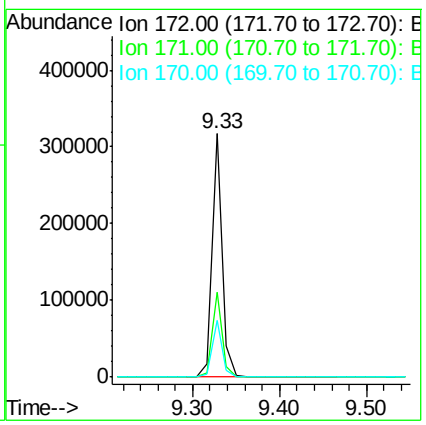
3/7/2016 9:33:39 AM

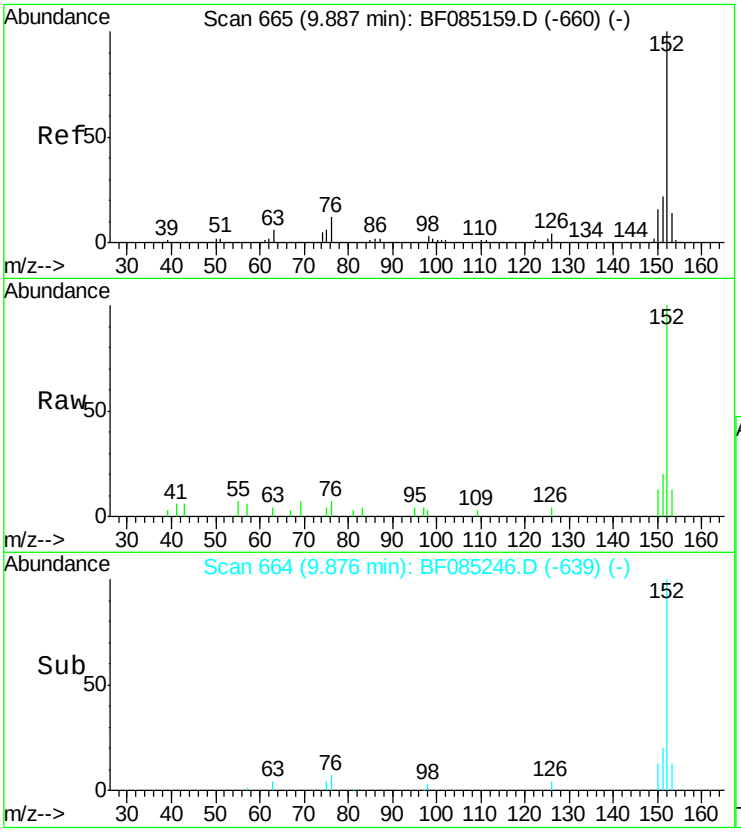


#44
2-Fluorobiphenyl
Concen: 88.32 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:172 Resp: 260420

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.3	43.9
170	23.2	20.0	30.0

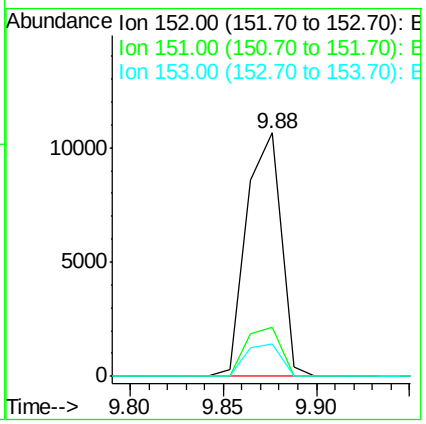




#48
Acenaphthylene
Concen: 3.02 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:152 Resp: 13710

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.5	26.3
153	13.2	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

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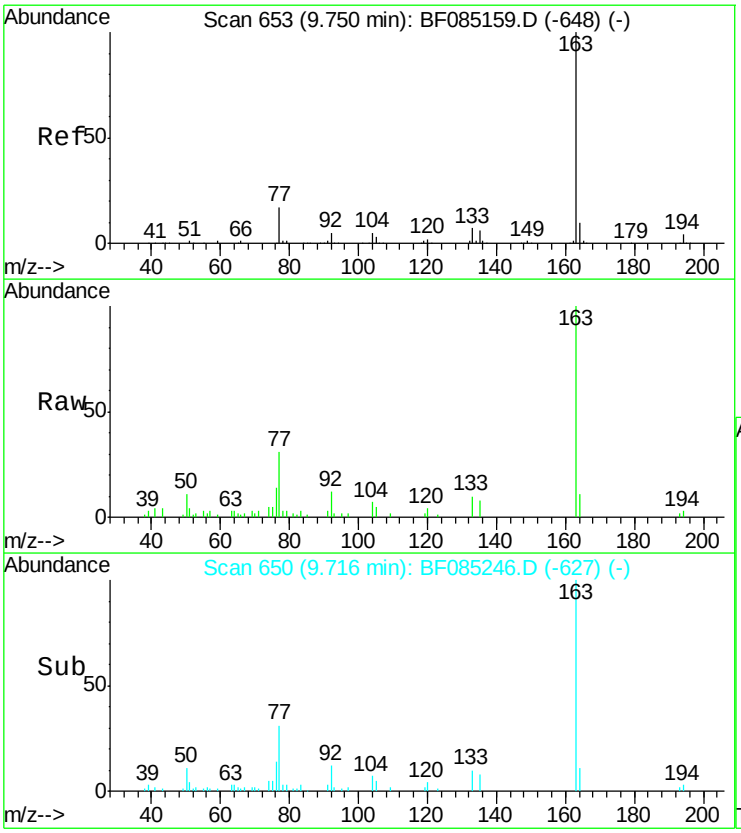
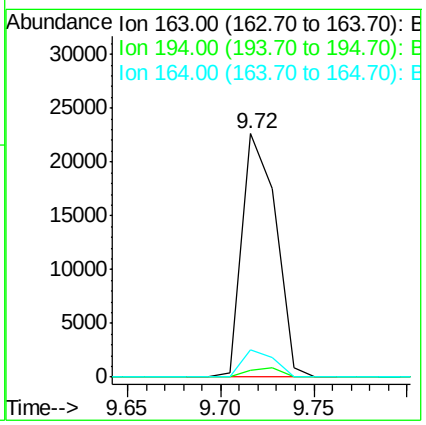
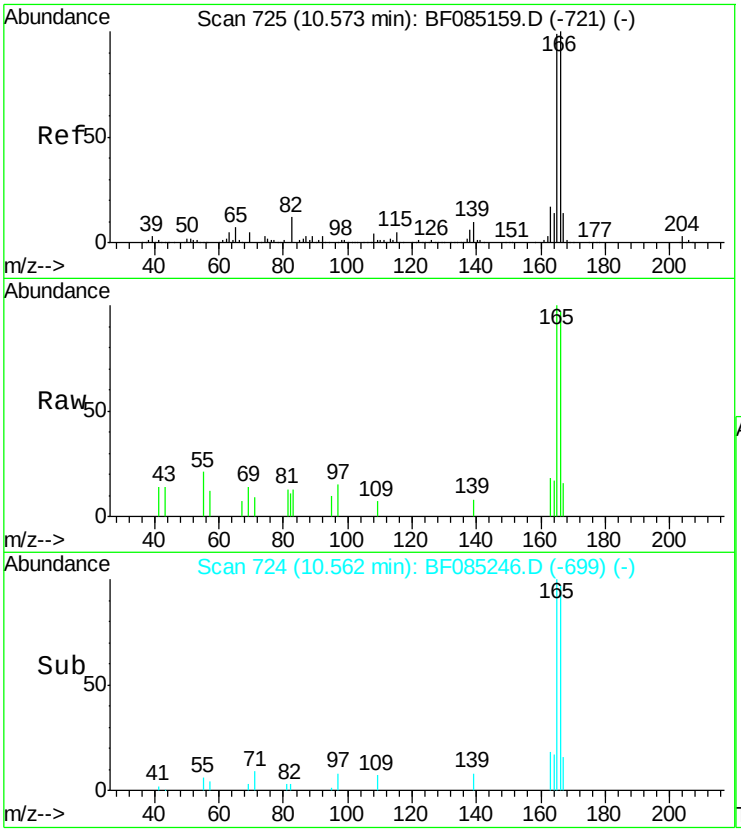


#49
Dimethylphthalate
Concen: 8.25 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:163 Resp: 28404

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.1	4.7#
164	11.1	8.2	12.4

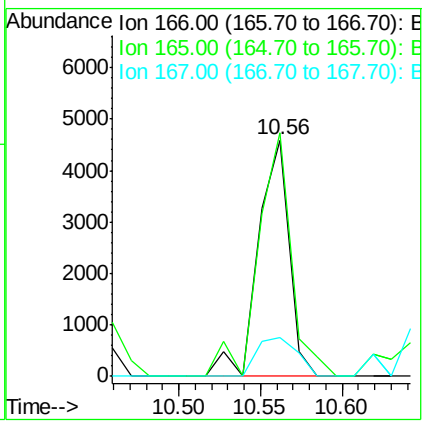




#57
Fluorene
Concen: 2.13 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:166 Resp: 6044

Ion	Ratio	Lower	Upper
166	100		
165	103.2	79.4	119.0
167	16.7	11.0	16.6#



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Manual Integrations APPROVED
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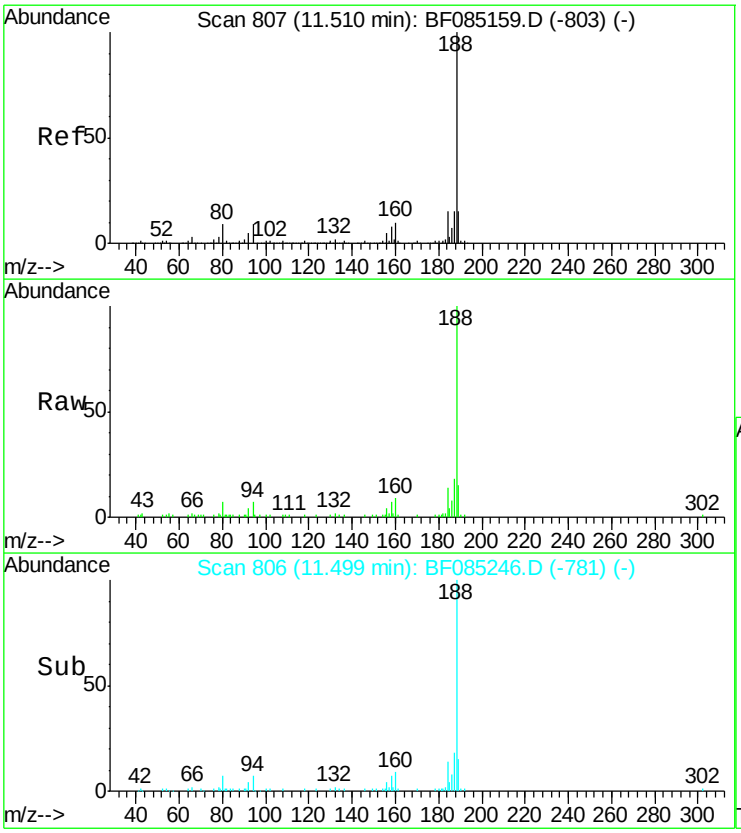
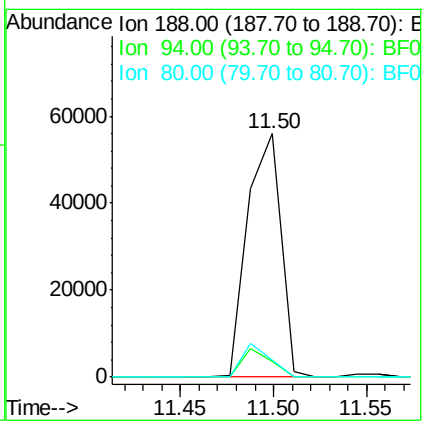
3/7/2016 9:33:39 AM

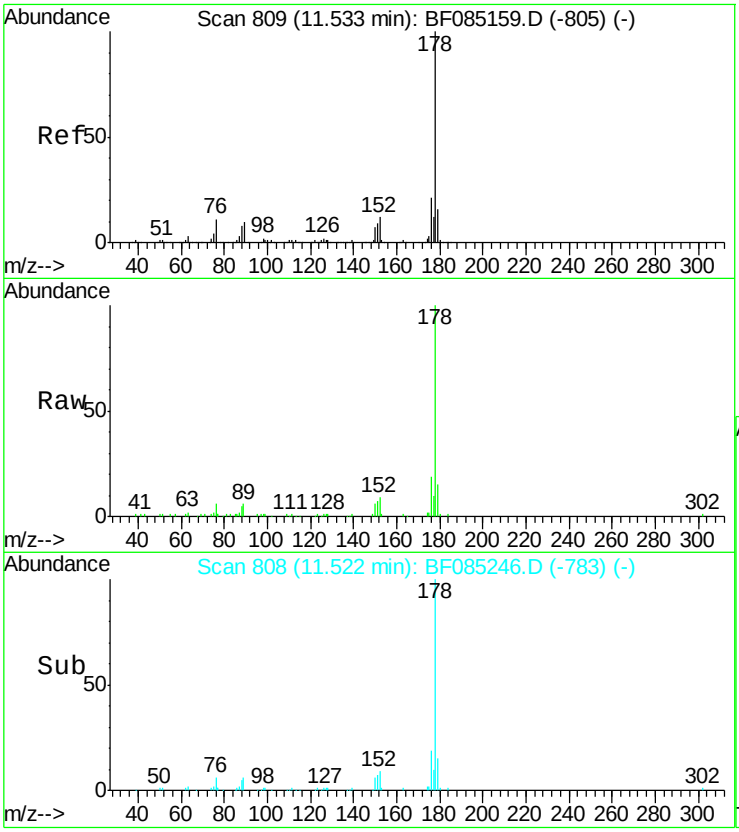


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:188 Resp: 69283

Ion	Ratio	Lower	Upper
188	100		
94	6.5	7.0	10.6#
80	7.0	7.4	11.0#

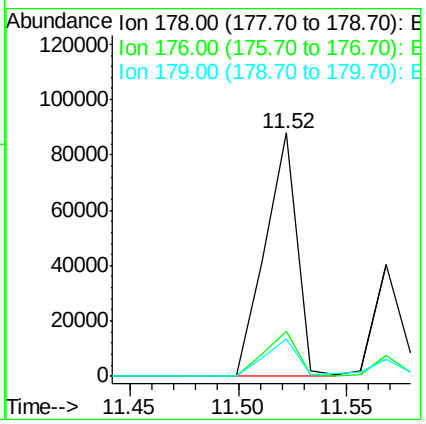




#70
Phenanthrene
Concen: 25.04 ng
RT: 11.52 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:178 Resp: 90924

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.8	25.2
179	15.4	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

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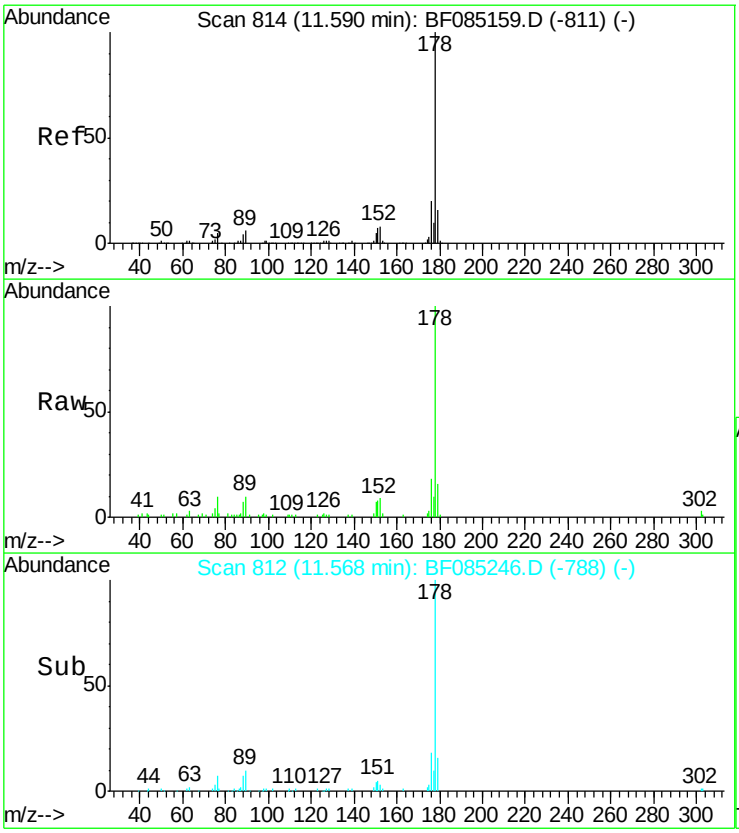
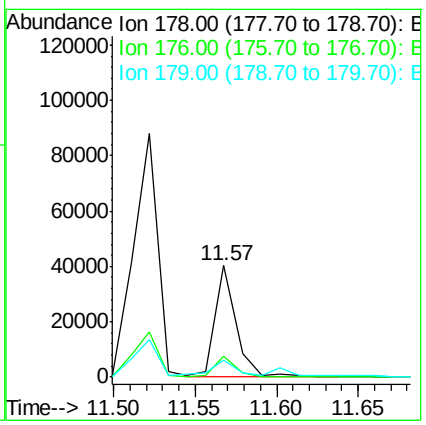
3/7/2016 9:33:39 AM

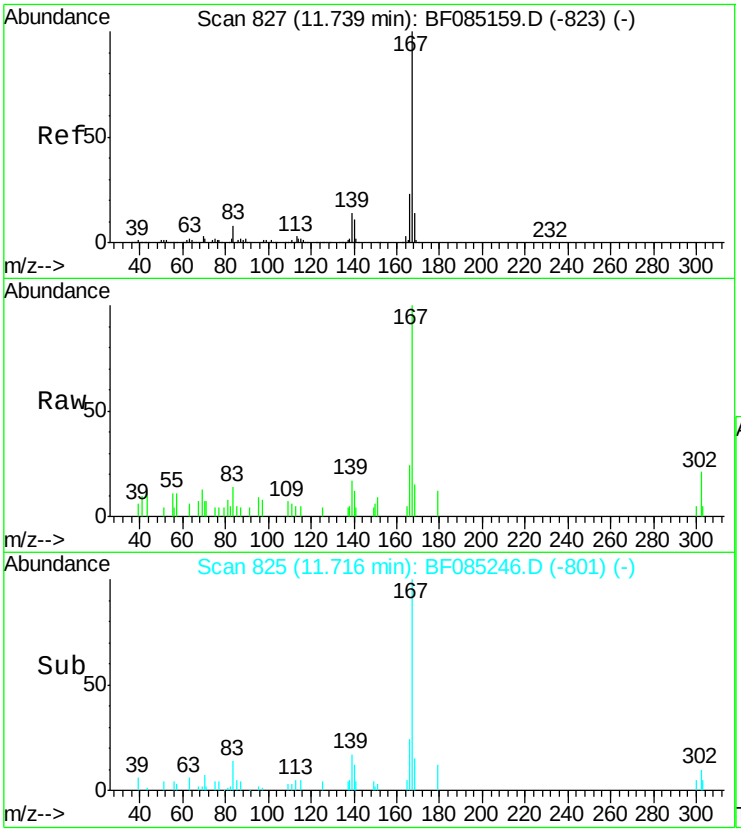


#71
Anthracene
Concen: 9.28 ng
RT: 11.57 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:178 Resp: 35779

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	15.8	12.5	18.7

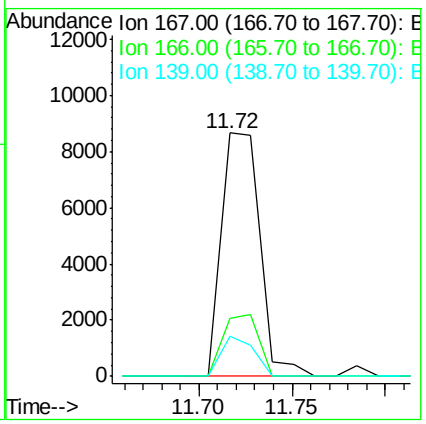




#72
Carbazole
Concen: 3.68 ng
RT: 11.72 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

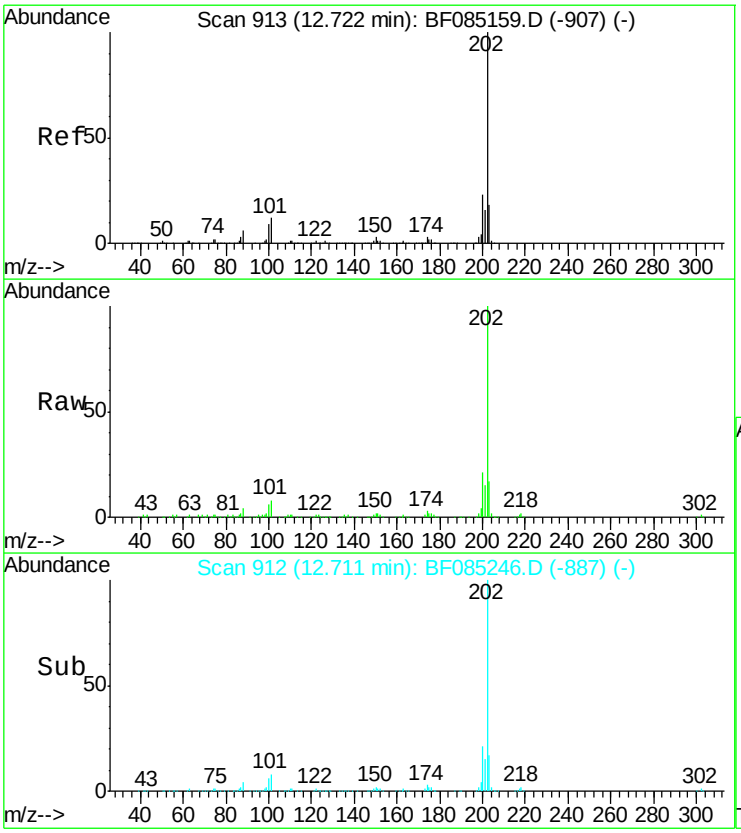
Tgt Ion:167 Resp: 12444

Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.2	27.2
139	16.5	11.4	17.0



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

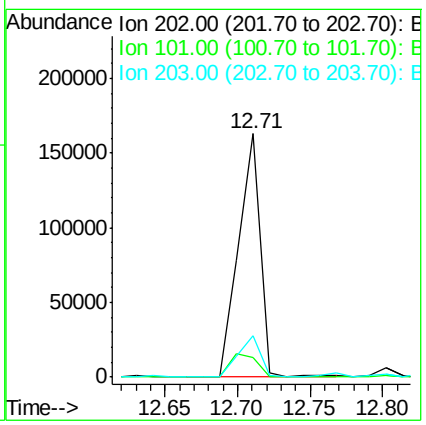
Manual Integrations APPROVED
UMANGI
3/7/2016 9:33:39 AM

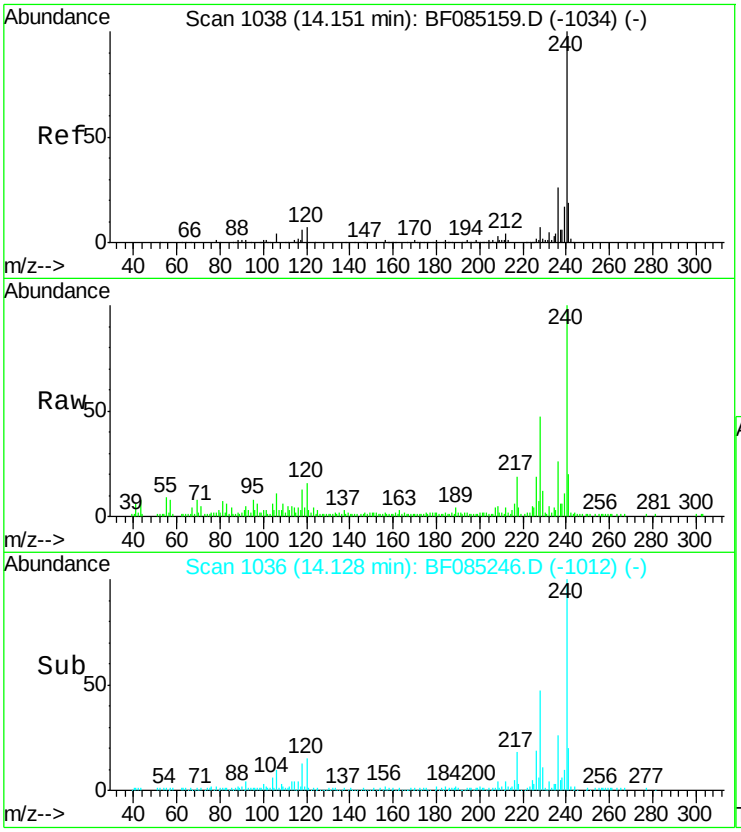


#74
Fluoranthene
Concen: 46.29 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:202 Resp: 168691

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	31.8
203	17.0	0.0	38.4

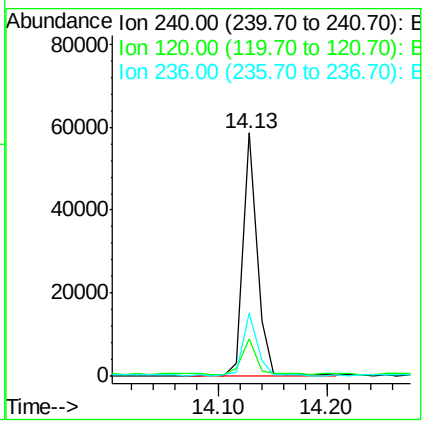




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:240 Resp: 53540

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.3	7.9#
236	25.9	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

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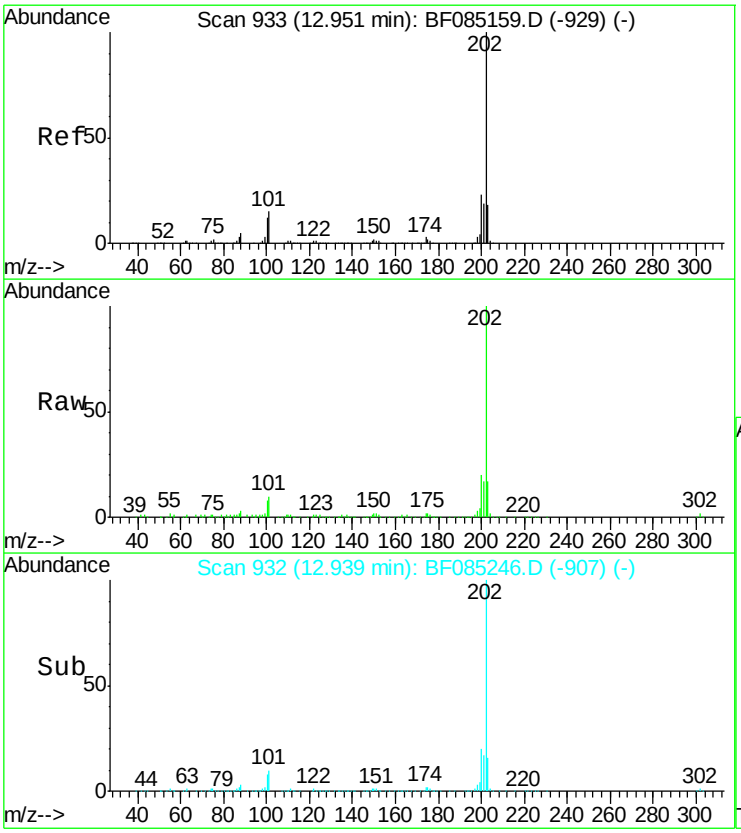
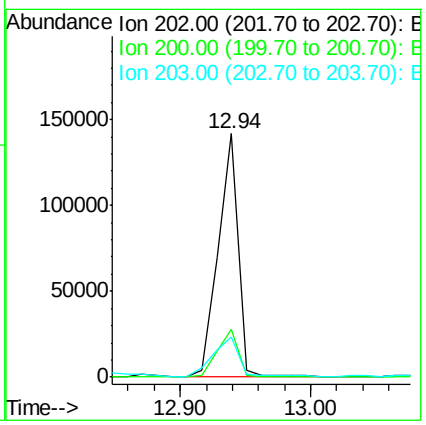
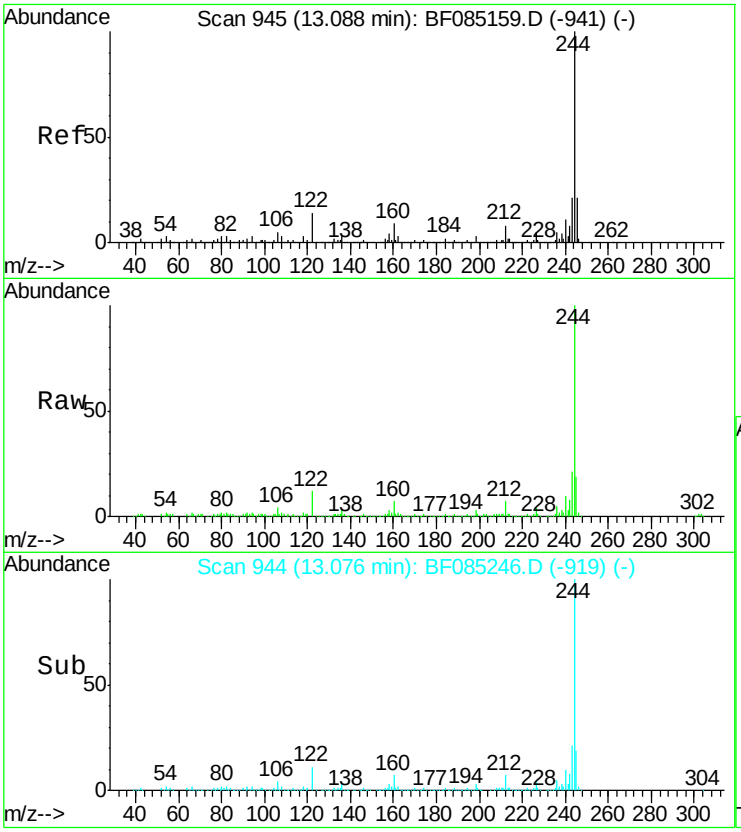


#77
Pyrene
Concen: 38.09 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:202 Resp: 153476

Ion	Ratio	Lower	Upper
202	100		
200	19.8	18.2	27.4
203	16.7	14.7	22.1

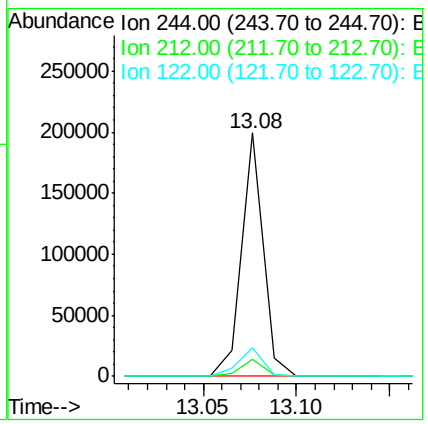




#78
Terphenyl-d14
Concen: 70.54 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:244 Resp: 162681

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.4	9.6
122	11.6	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

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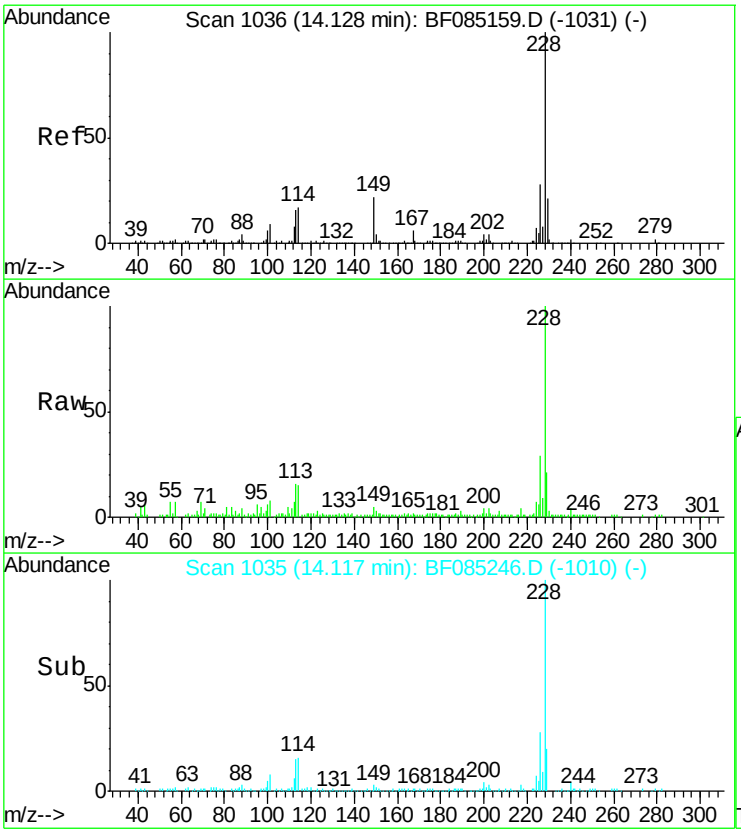
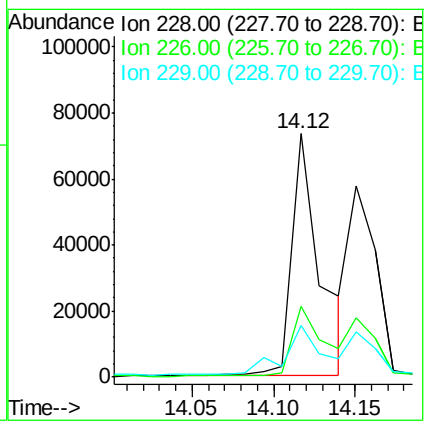
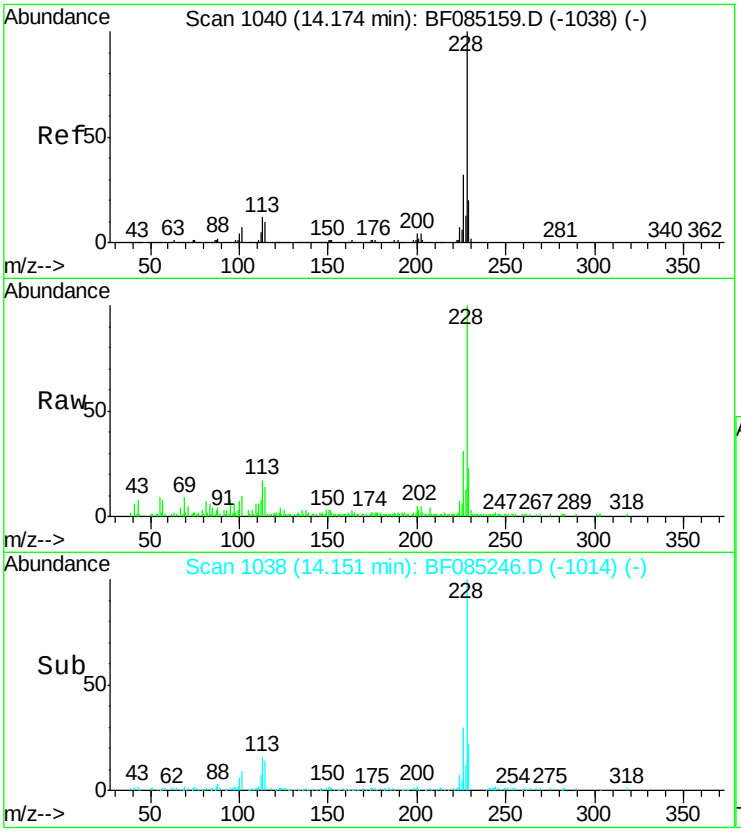


#80
Benzo(a)anthracene
Concen: 27.90 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:228 Resp: 89432

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	21.5	16.6	24.8





#82
Chrysene
Concen: 22.85 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:228 Resp: 67670

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.2	37.8
229	23.4	16.0	24.0

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

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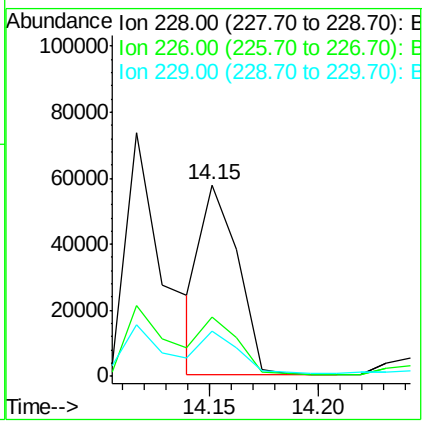
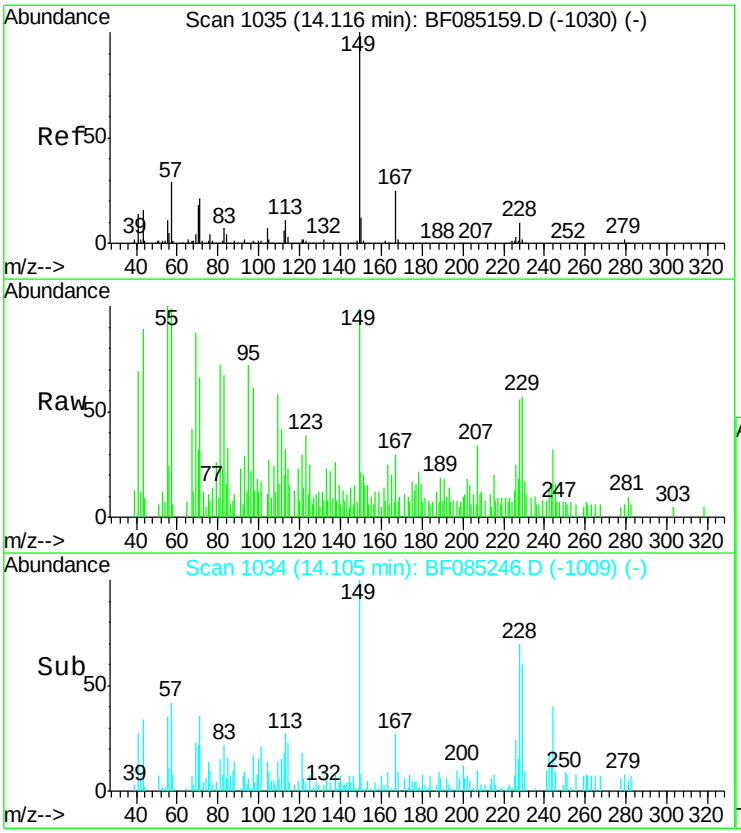
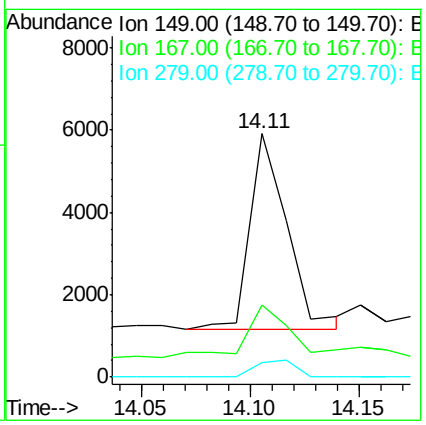


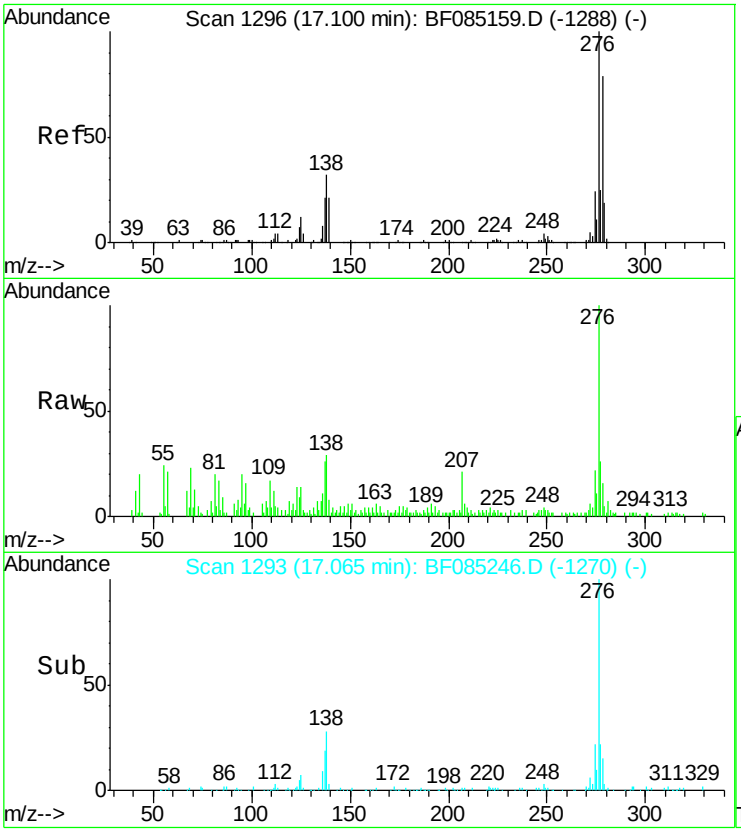


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.32 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:149 Resp: 5592

Ion	Ratio	Lower	Upper
149	100		
167	29.7	20.3	30.5
279	6.2	1.9	2.9#

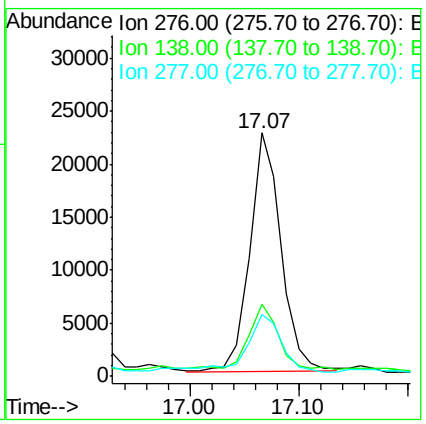




#85
Indeno(1,2,3-cd)pyrene
Concen: 19.47 ng
RT: 17.07 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:276 Resp: 44979

Ion	Ratio	Lower	Upper
276	100		
138	25.9	26.4	39.6#
277	28.4	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
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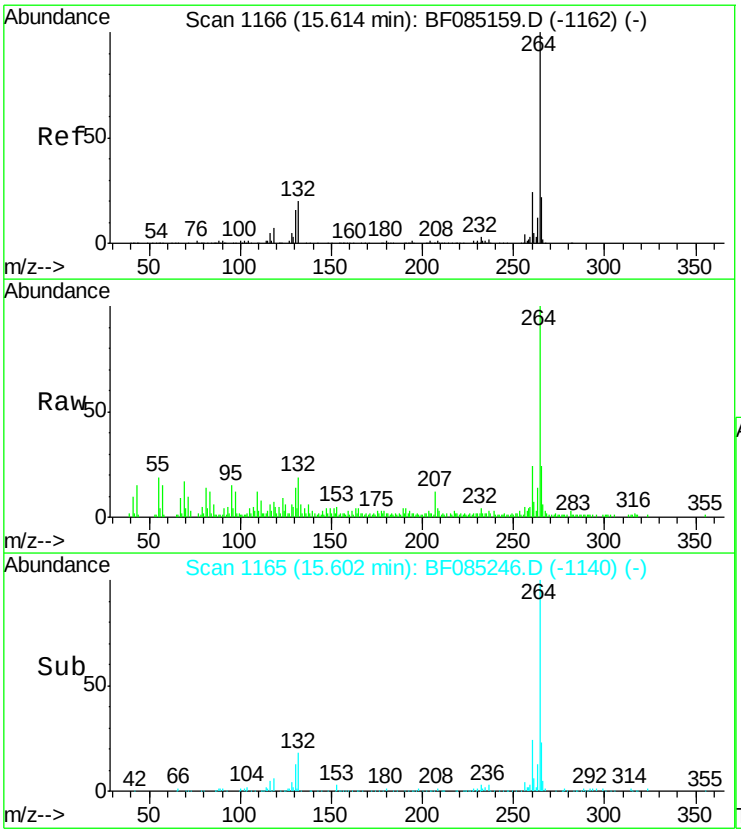
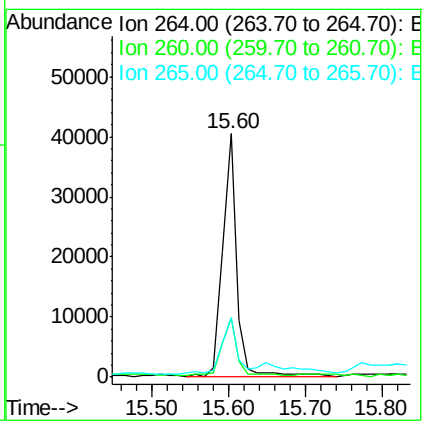
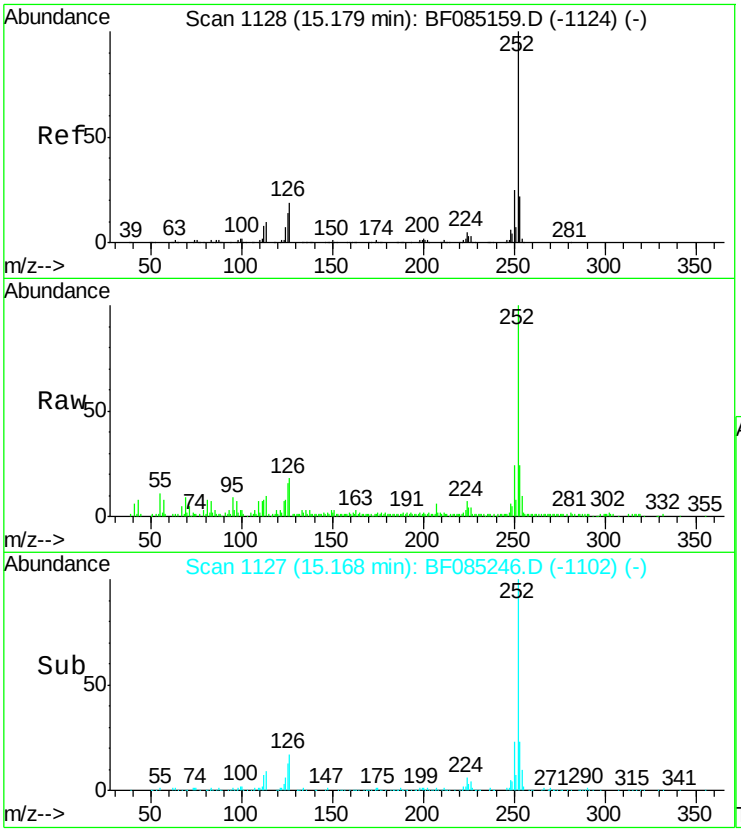


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:264 Resp: 54360

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	24.3	17.3	25.9

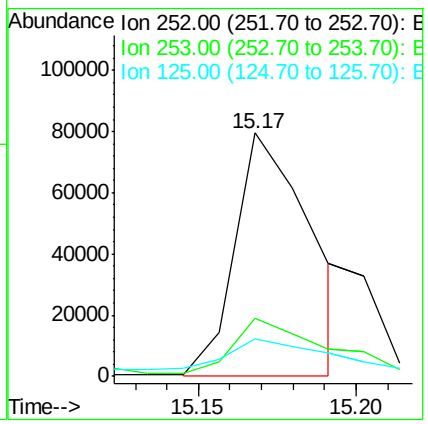




#87
Benzo(b)fluoranthene
Concen: 36.46 ng m
RT: 15.17 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:252 Resp: 132093

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	15.7	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

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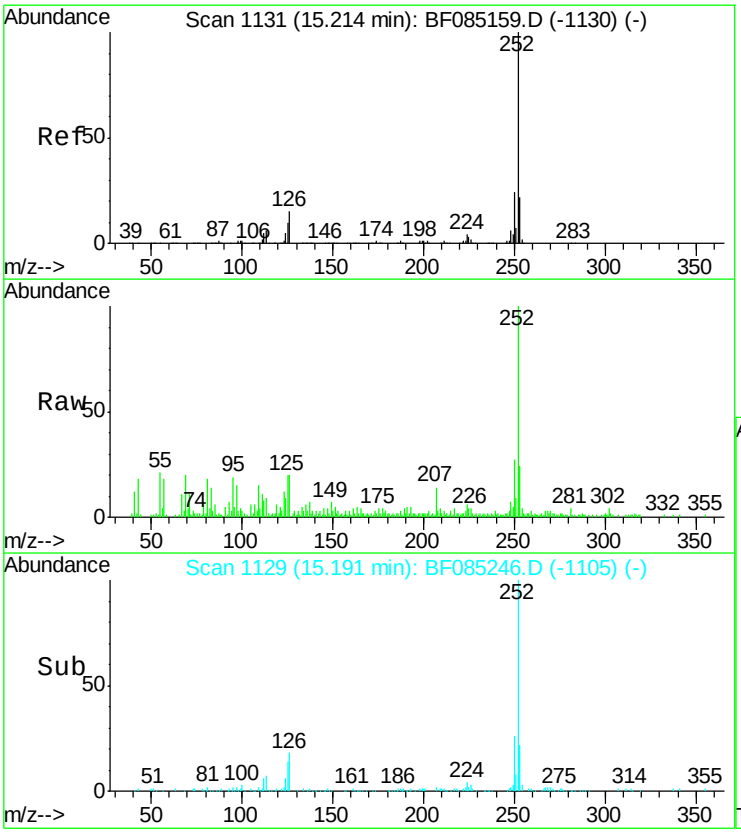
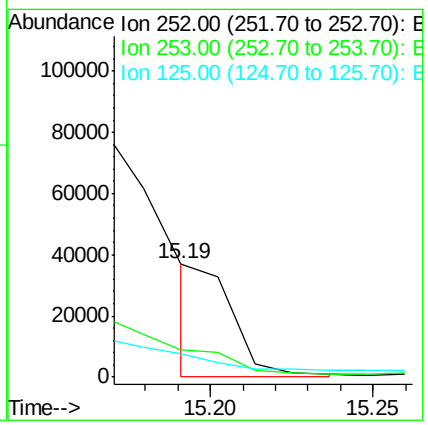
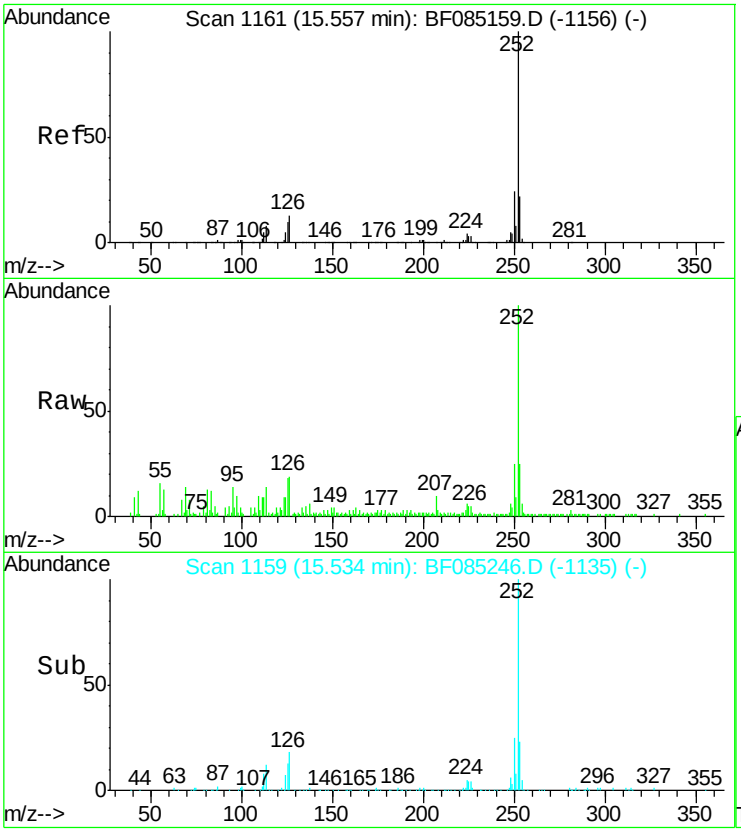


#88
Benzo(k)fluoranthene
Concen: 9.35 ng m
RT: 15.19 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:252 Resp: 27329

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	20.2	10.4	15.6#





#89
Benzo(a)pyrene
Concen: 19.56 ng
RT: 15.53 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:252 Resp: 58718

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	18.0	8.2	12.4#

Instrument :
BNA_F
ClientSampleId :
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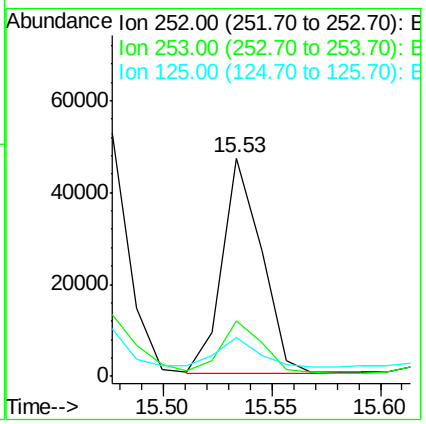
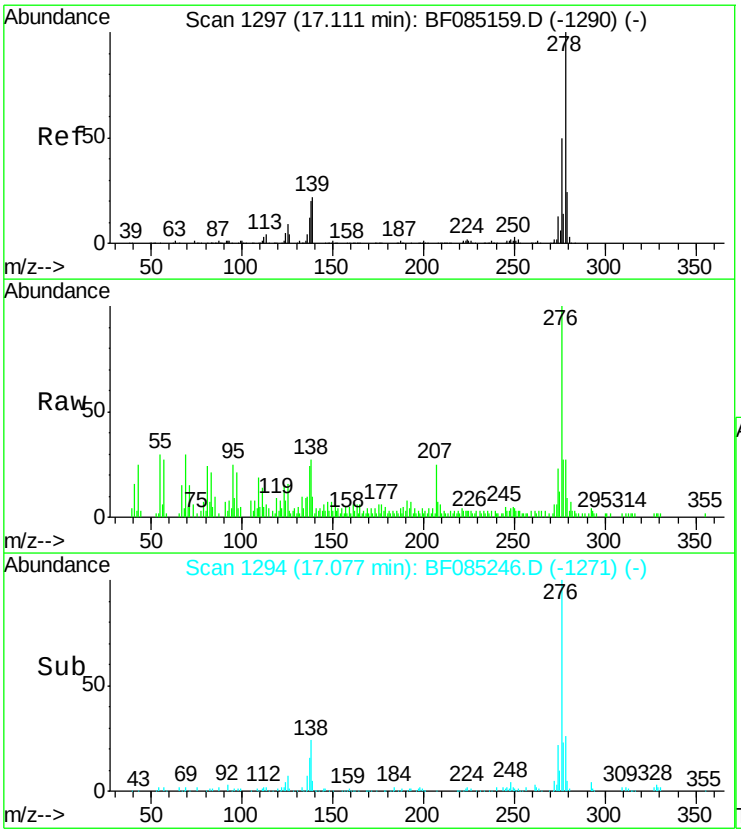
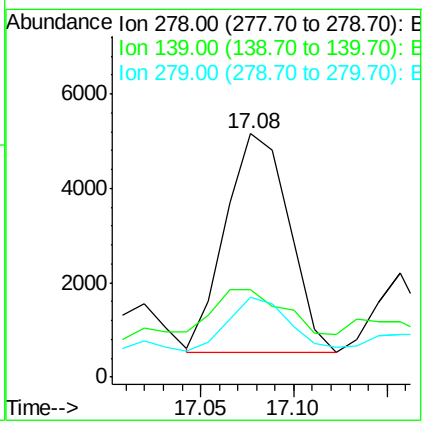


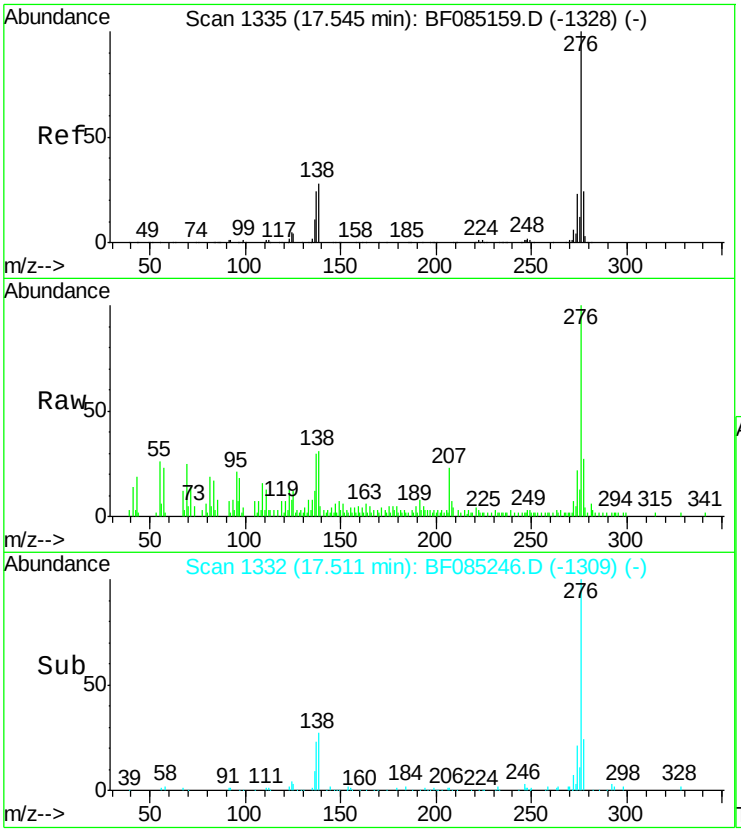


#90
Dibenzo(a,h)anthracene
Concen: 4.27 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:278 Resp: 10954

Ion	Ratio	Lower	Upper
278	100		
139	36.0	17.3	25.9#
279	32.6	19.2	28.8#

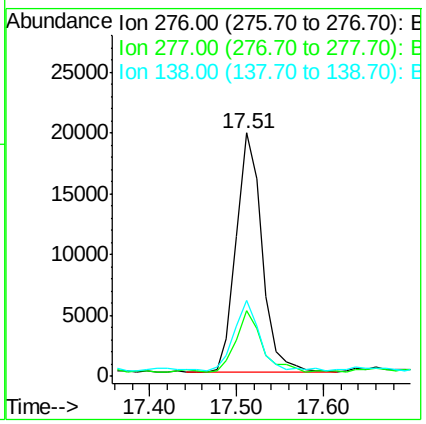




#91
Benzo(g,h,i)perylene
Concen: 15.91 ng
RT: 17.51 min Scan# 1332
Delta R.T. -0.03 min
Lab File: BF085246.D
Acq: 5 Mar 2016 11:24

Tgt Ion:276 Resp: 40994

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.0	28.4
138	31.1	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

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