Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086108.D
Acq On : 6 Apr 2016 20:03
Operator : UM/SJ
Sample : H2254-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-18

Manual Integrations APPROVED
Sohil
4/7/2016 8:59:07 AM

Quant Time: Apr 07 02:18:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	147220	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	551181	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	205416	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	328266	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	339806	20.00	ng		-0.03
86) Perylene-d12	15.30	264	312907	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	621199	72.12	ng		-0.03
7) Phenol-d6	6.38	99	742111	67.83	ng		-0.03
23) Nitrobenzene-d5	7.31	82	441638	47.25	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	108327	56.19	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	633398	51.27	ng		-0.03
78) Terphenyl-d14	12.84	244	468536	32.41	ng		-0.03
Target Compounds							Qvalue
49) Dimethylphthalate	9.50	163	112231	7.37	ng		99
74) Fluoranthene	12.48	202	58935	3.16	ng		91
77) Pyrene	12.70	202	62567	2.61	ng		99
80) Benzo(a)anthracene	13.89	228	42008	2.10	ng	#	90
82) Chrysene	13.93	228	39853m	2.07	ng		
85) Indeno(1,2,3-cd)pyrene	16.65	276	40932	2.61	ng		93
87) Benzo(b)fluoranthene	14.91	252	86274m	4.38	ng		
89) Benzo(a)pyrene	15.24	252	54331	3.12	ng	#	87
91) Benzo(g,h,i)perylene	17.06	276	47112	3.47	ng		96

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

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Instrument :
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ClientSampleId :
SP-18

Manual Integrations APPROVED
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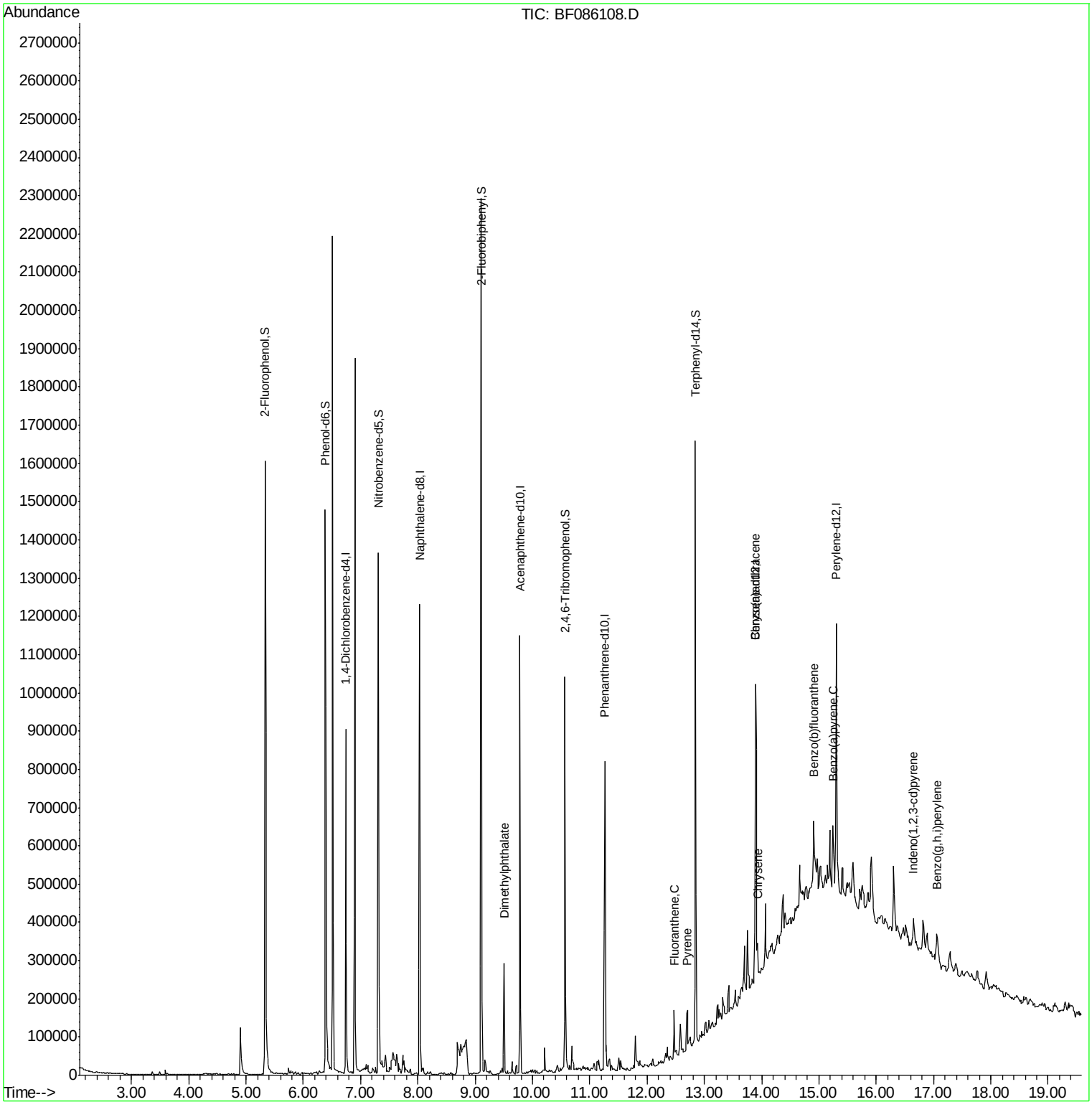
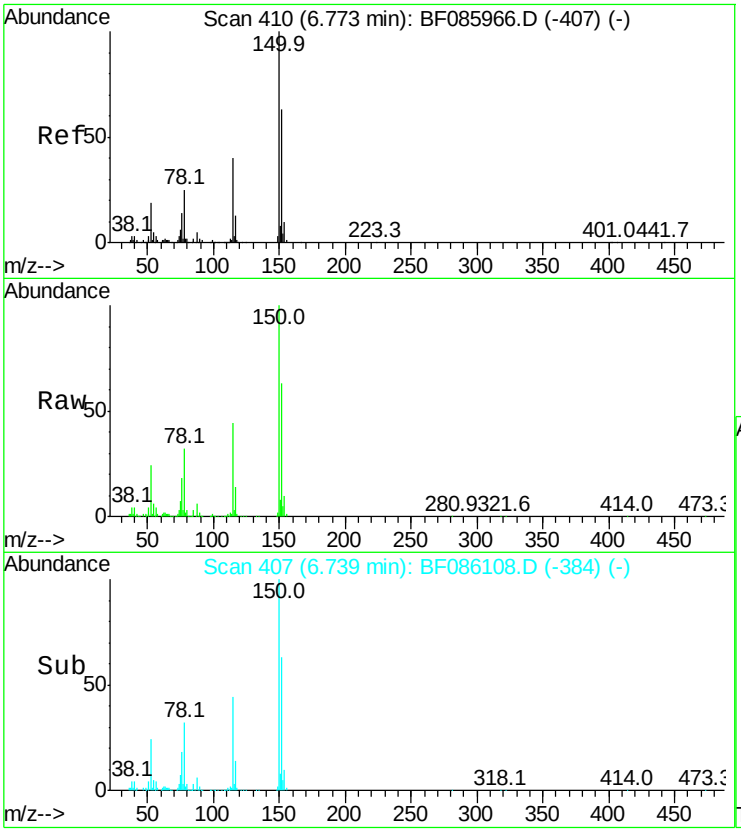
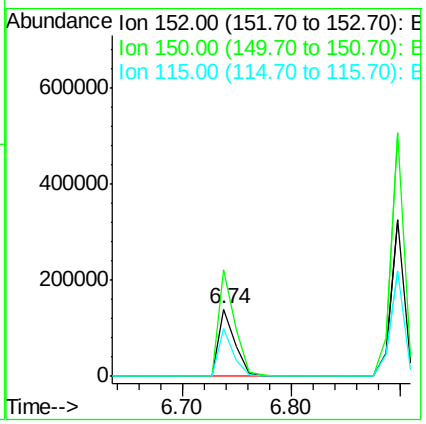




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:152 Resp: 147220

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	69.9	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SP-18

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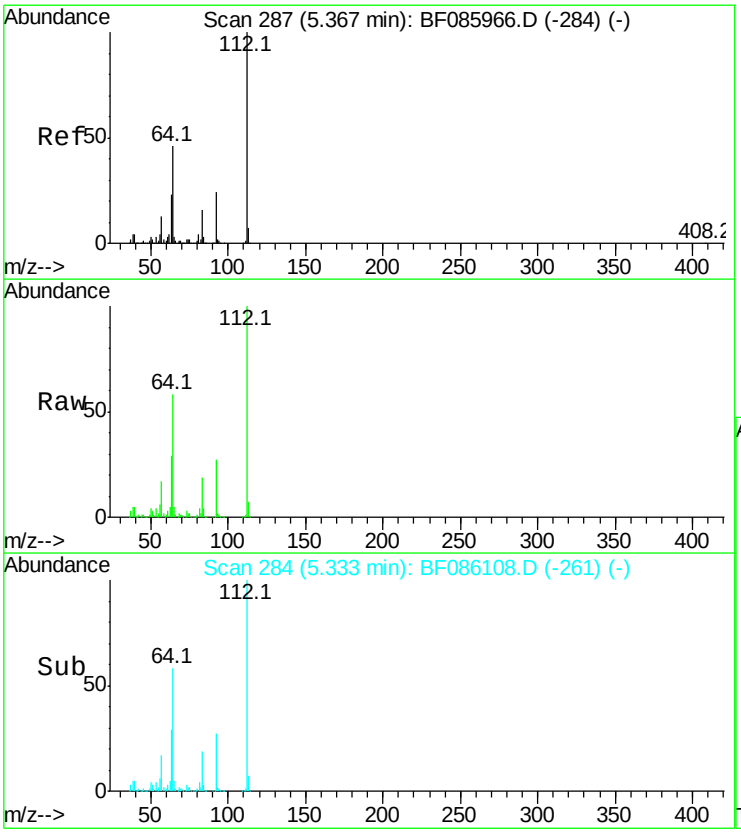
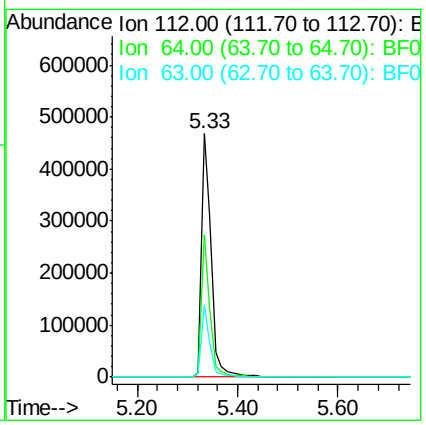
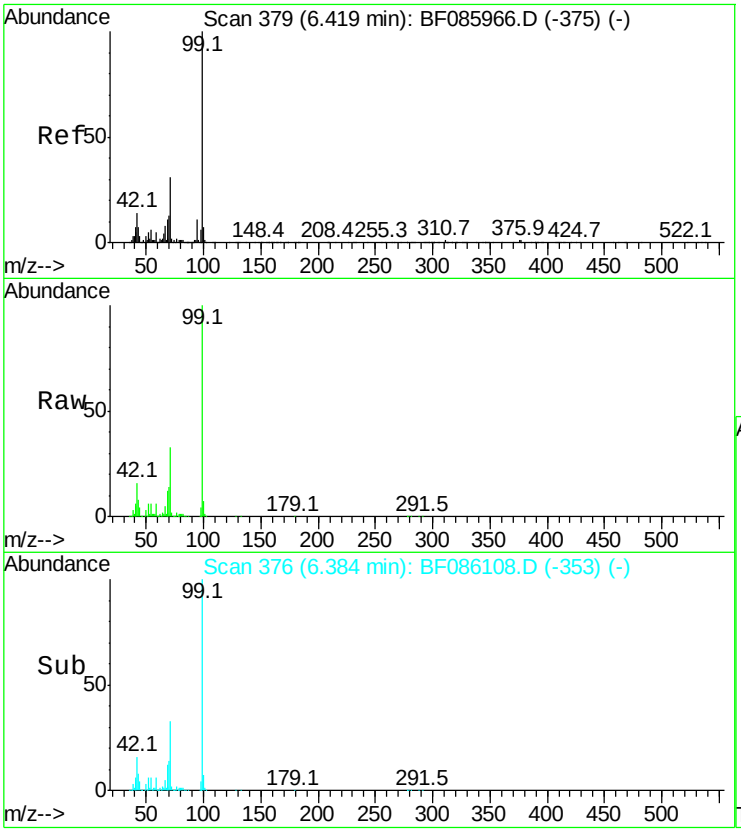


#5
2-Fluorophenol
Concen: 72.12 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:112 Resp: 621199

Ion	Ratio	Lower	Upper
112	100		
64	58.4	39.9	59.9
63	29.5	20.2	30.2

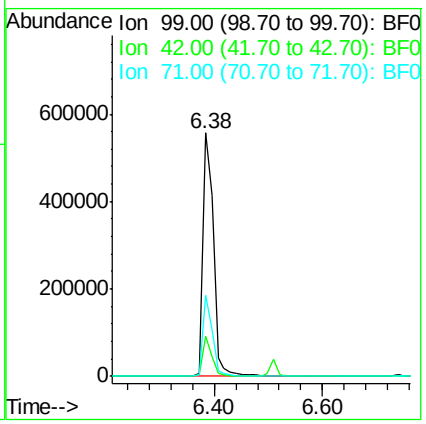




#7
Phenol-d6
Concen: 67.83 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion: 99 Resp: 742111

Ion	Ratio	Lower	Upper
99	100		
42	16.3	11.1	16.7
71	33.4	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
SP-18

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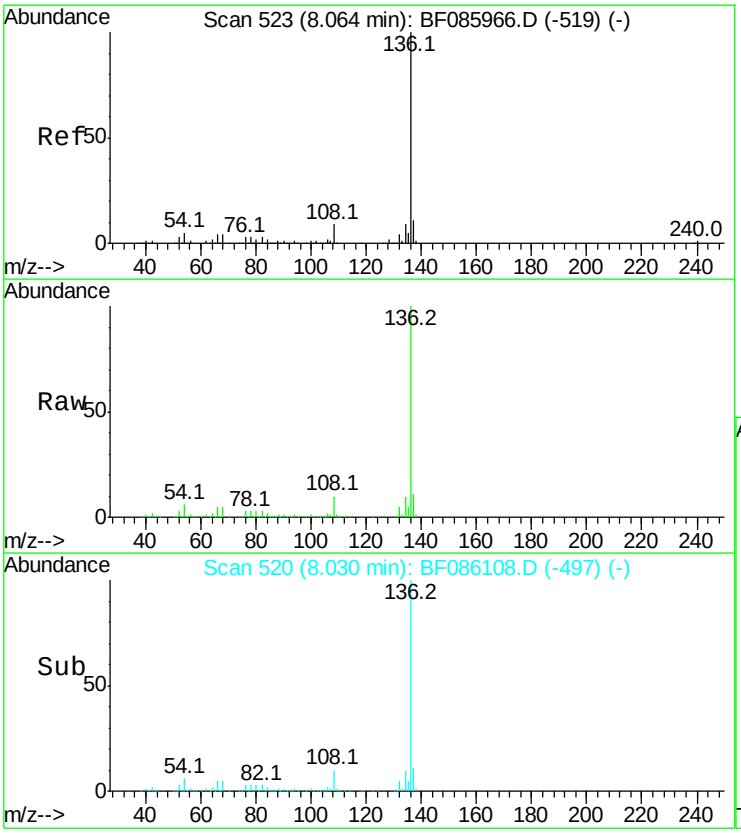
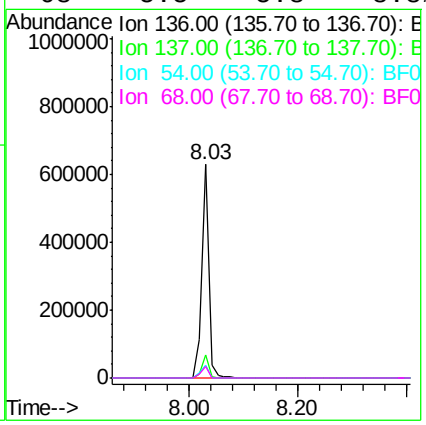
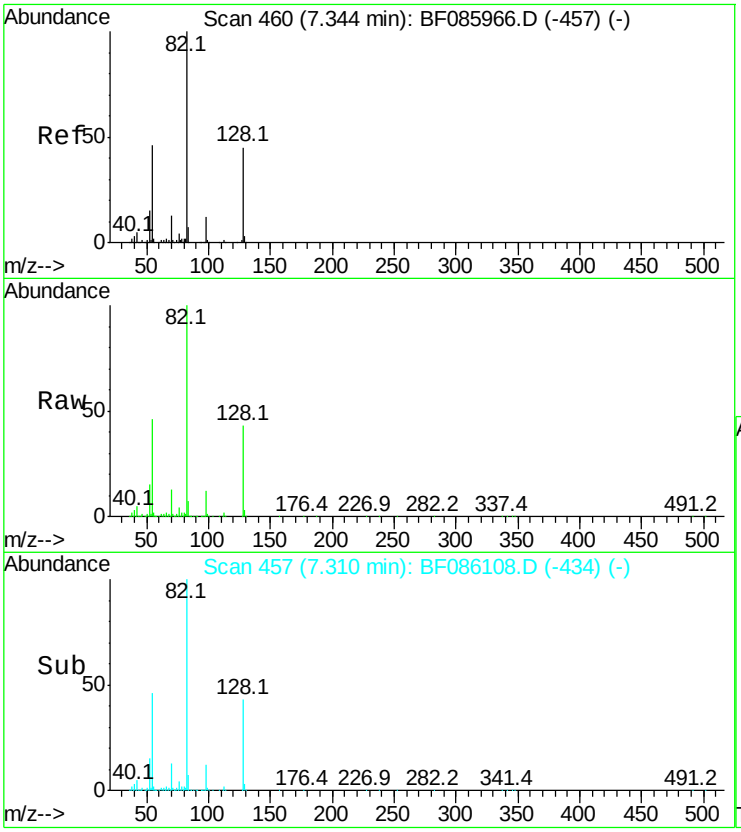


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:136 Resp: 551181

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.2	7.4	11.0#
68	5.5	5.8	8.8#

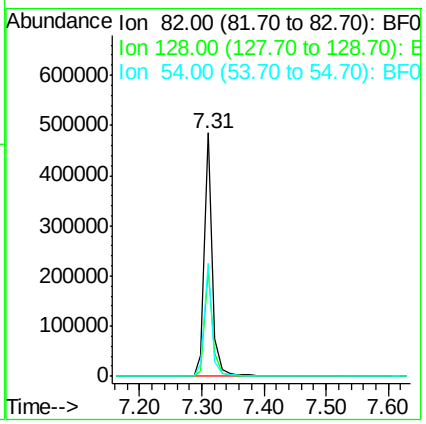




#23
Nitrobenzene-d5
Concen: 47.25 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion: 82 Resp: 441638

Ion	Ratio	Lower	Upper
82	100		
128	43.4	41.8	62.8
54	46.2	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SP-18

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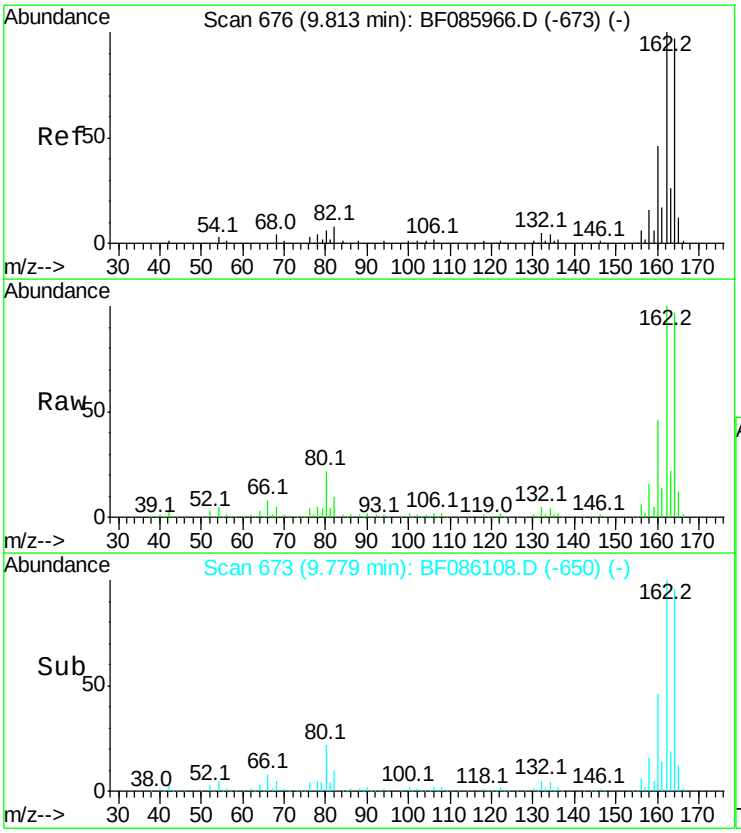
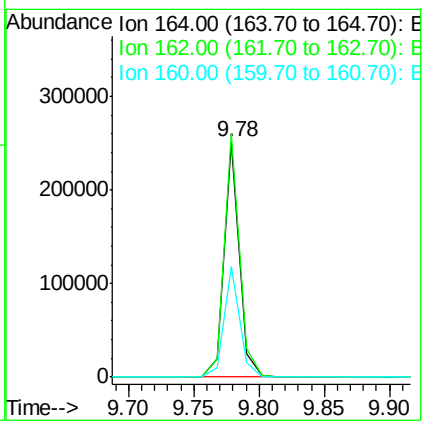
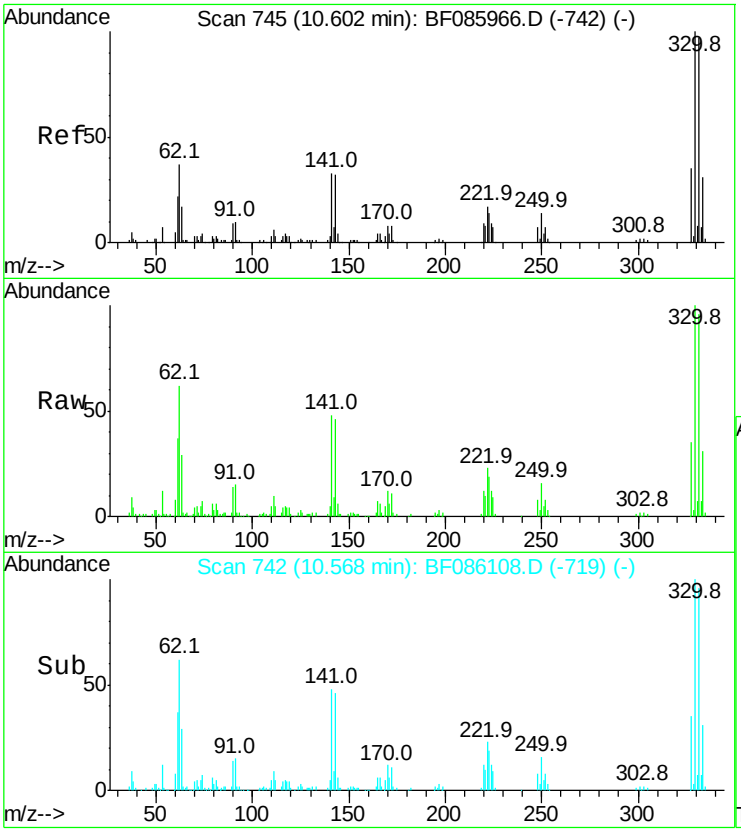


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:164 Resp: 205416

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.1	123.1
160	47.2	37.4	56.2

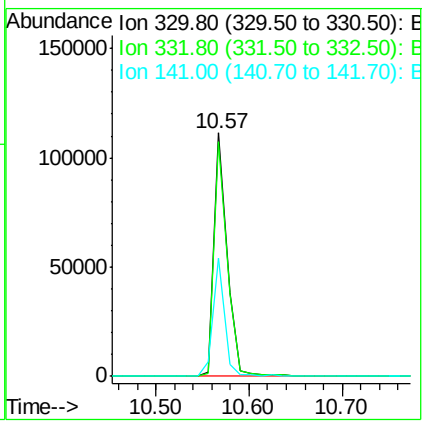




#41
2,4,6-Tribromophenol
Concen: 56.19 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:330 Resp: 108327

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	43.5	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
SP-18

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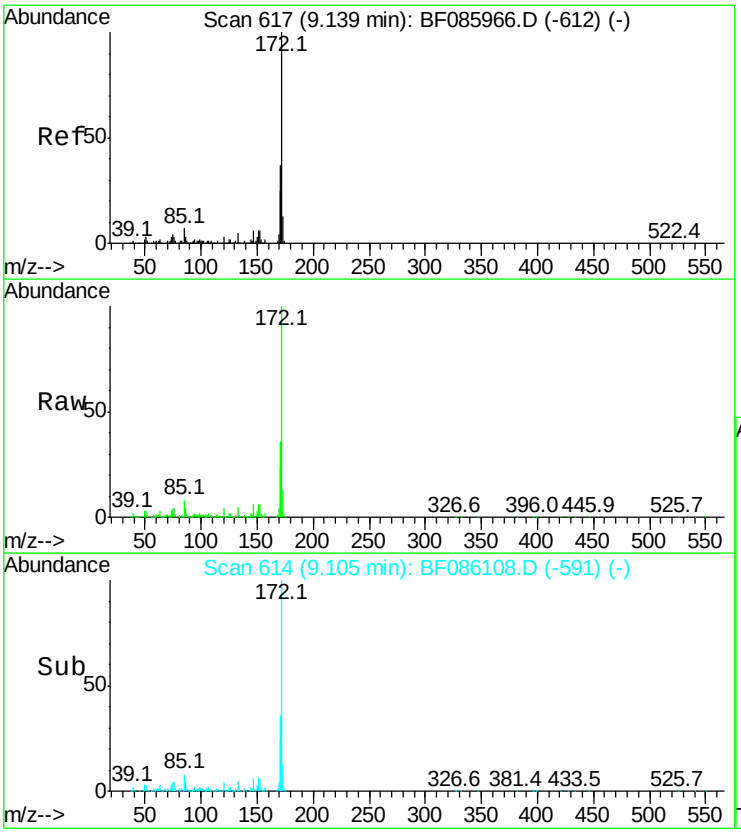
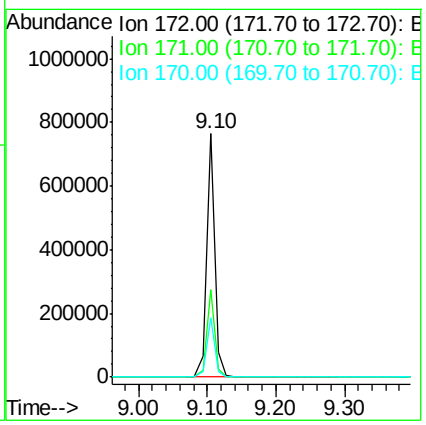
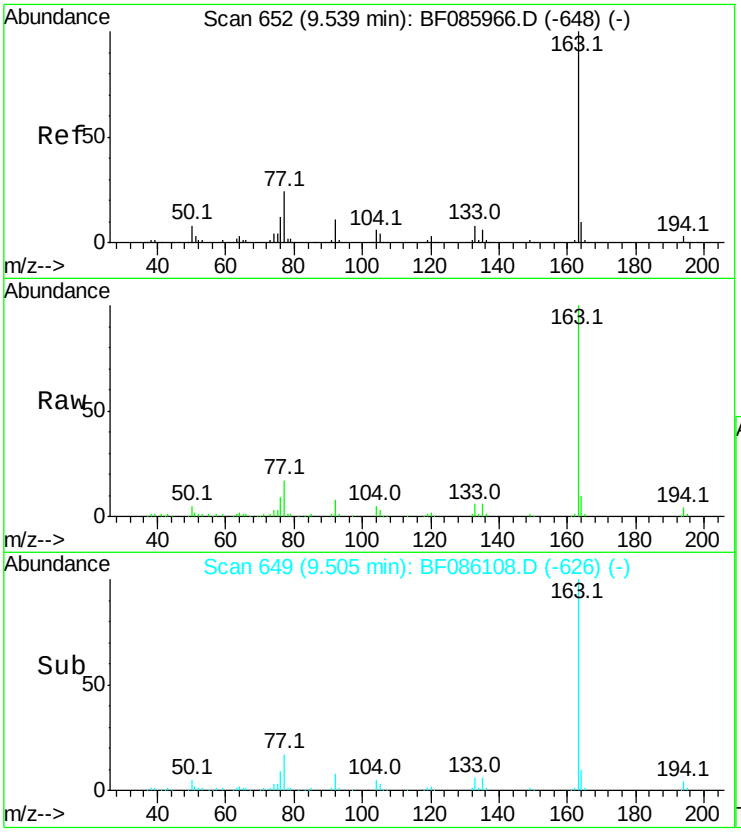


#44
2-Fluorobiphenyl
Concen: 51.27 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:172 Resp: 633398

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	24.1	19.8	29.6

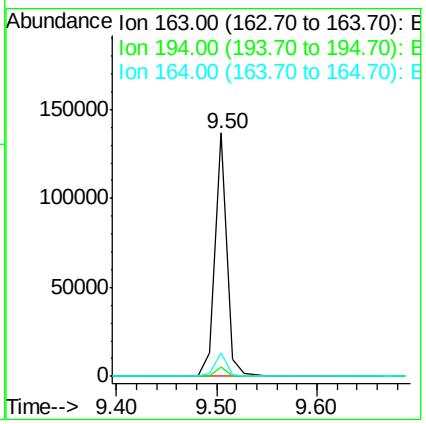




#49
Dimethylphthalate
Concen: 7.37 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:163 Resp: 112231

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.8	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
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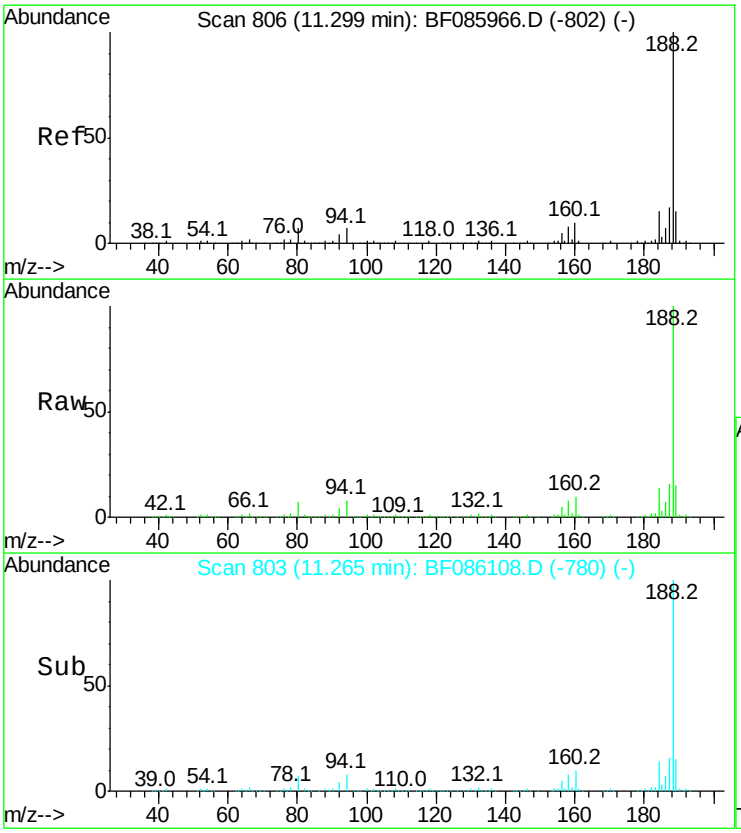
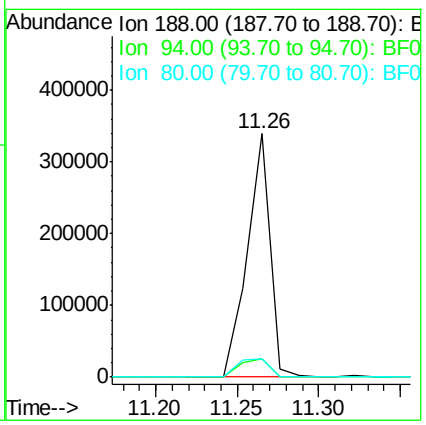
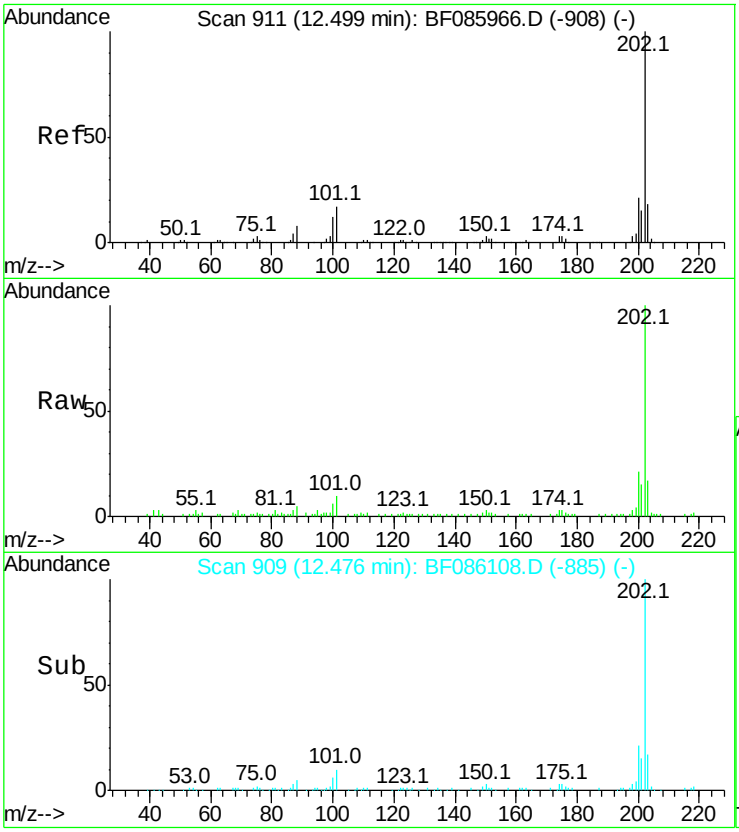


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:188 Resp: 328266

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.4	8.0
80	7.4	5.5	8.3

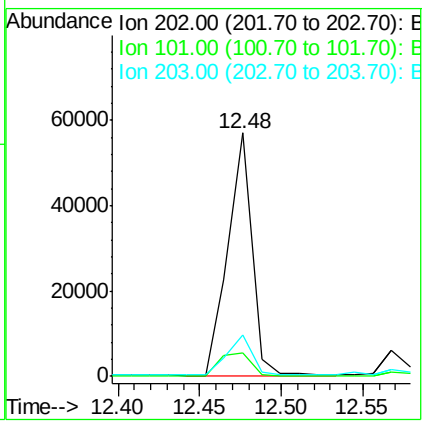




#74
Fluoranthene
Concen: 3.16 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:202 Resp: 58935

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	36.6
203	17.1	0.0	38.1



Instrument :
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ClientSampleId :
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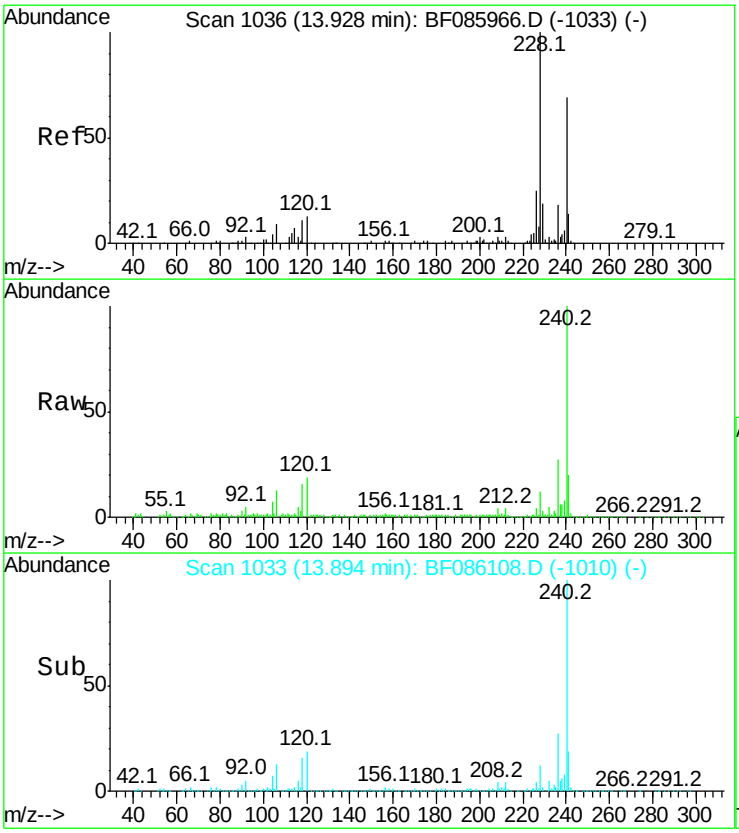
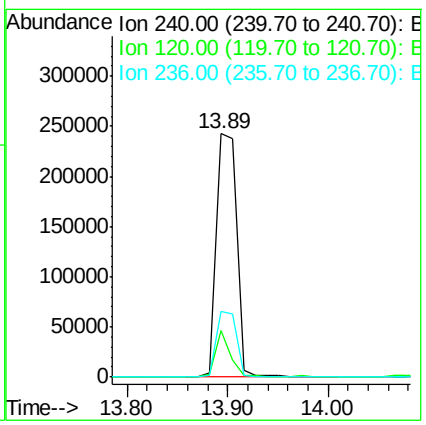
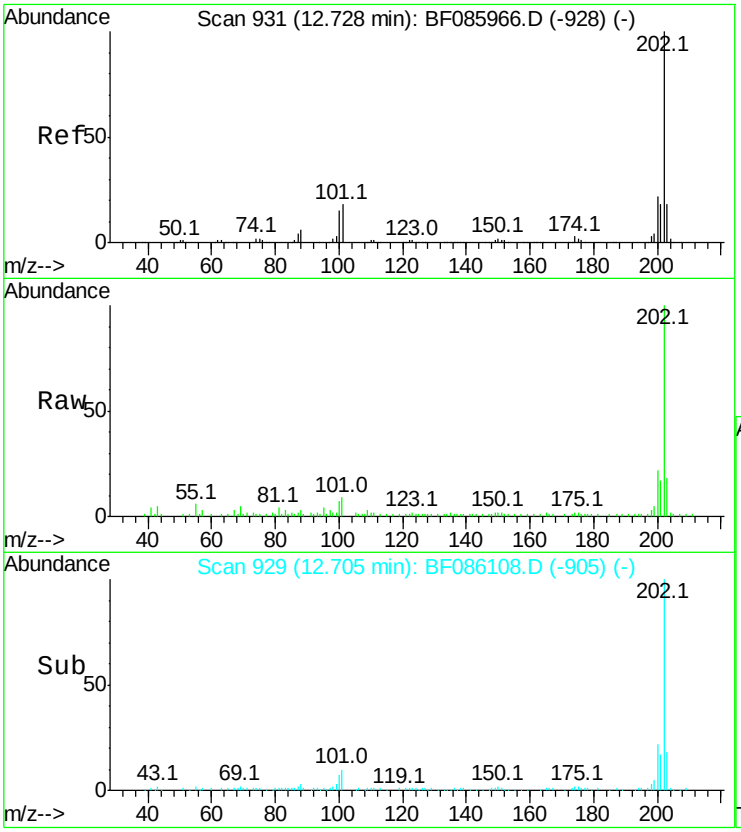


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:240 Resp: 339806

Ion	Ratio	Lower	Upper
240	100		
120	19.0	13.8	20.8
236	27.0	20.6	30.8

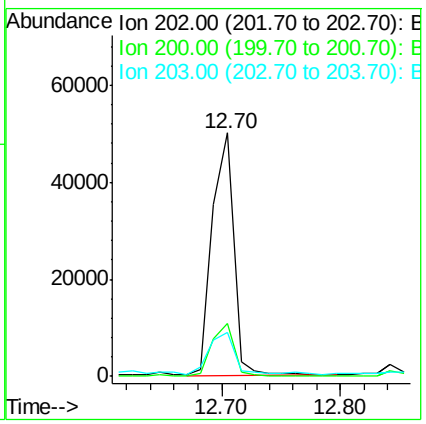




#77
Pyrene
Concen: 2.61 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:202 Resp: 62567

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.2	14.0	21.0



Instrument :
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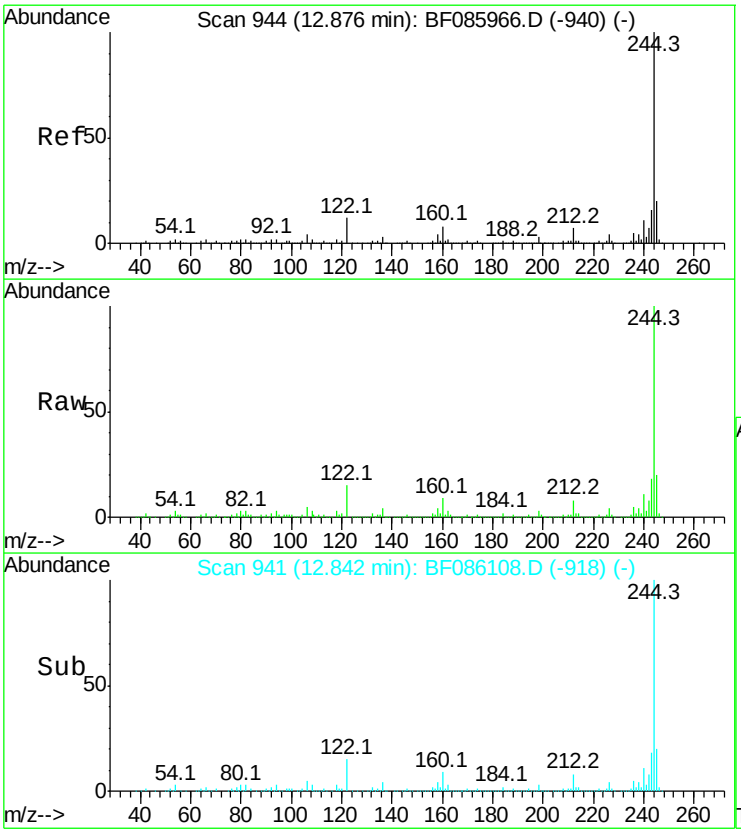
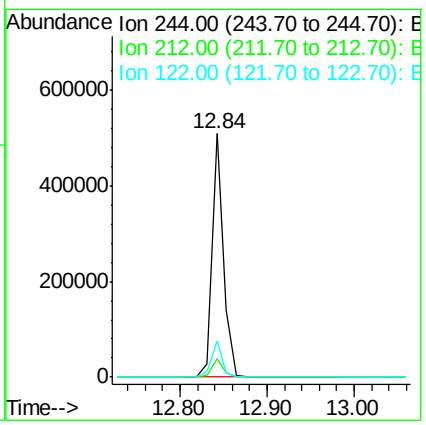
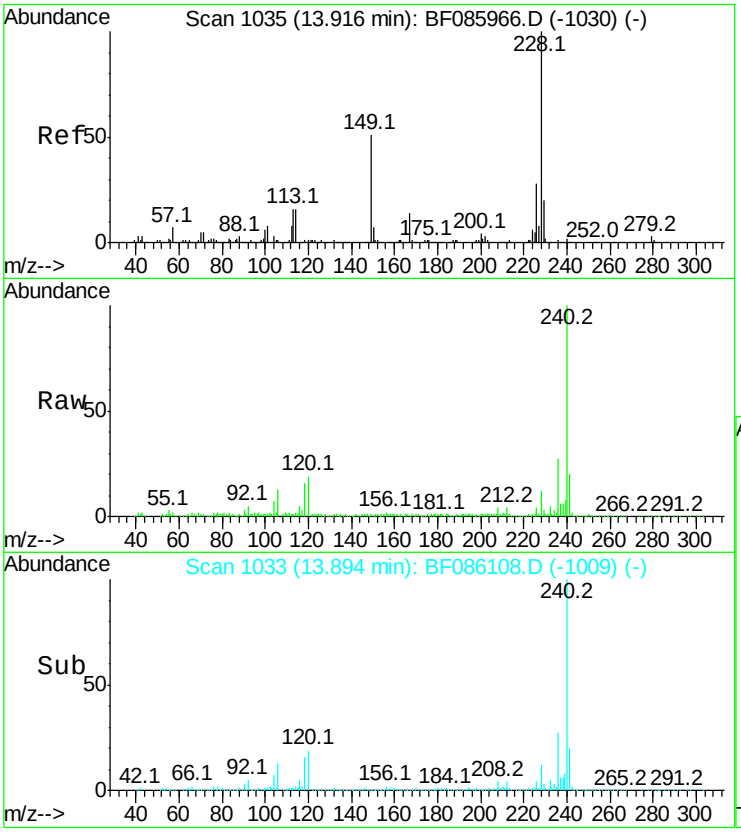


#78
Terphenyl-d14
Concen: 32.41 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:244 Resp: 468536

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	15.0	10.2	15.4





#80
Benzo(a)anthracene
Concen: 2.10 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:228 Resp: 42008

Ion	Ratio	Lower	Upper
228	100		
226	35.1	22.1	33.1#
229	22.7	16.2	24.4

Instrument :
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ClientSampleId :
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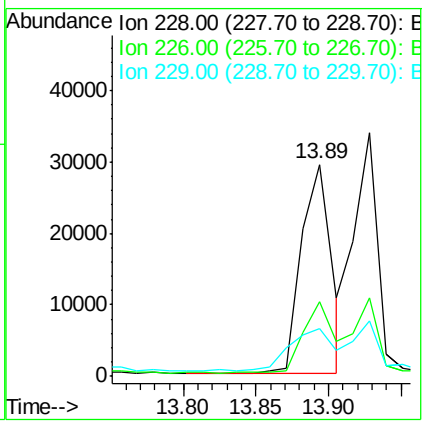
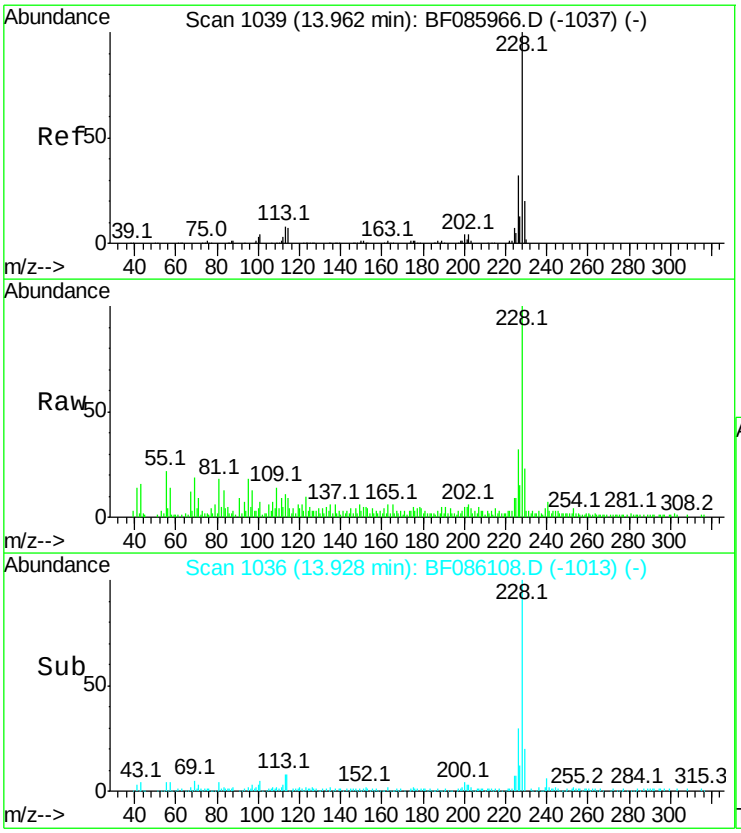
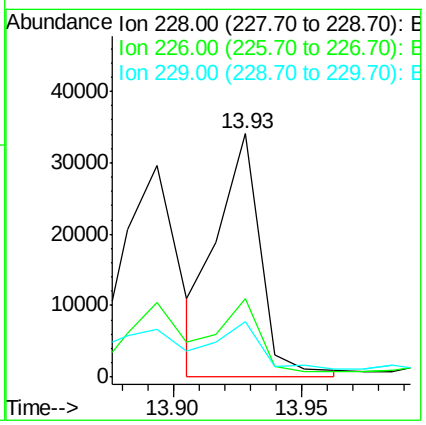


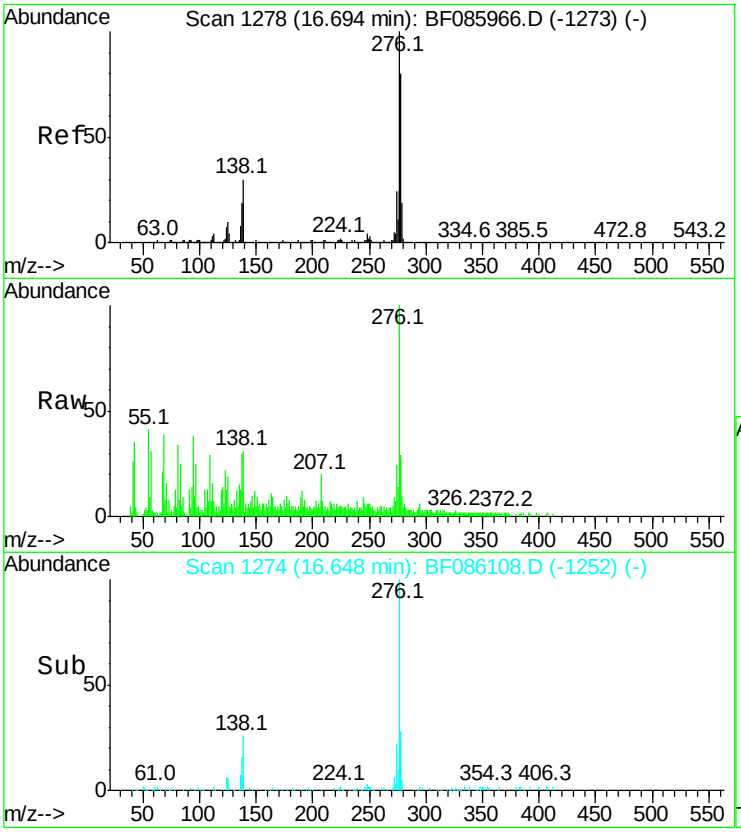


#82
Chrysene
Concen: 2.07 ng m
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:228 Resp: 39853

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	22.5	15.7	23.5

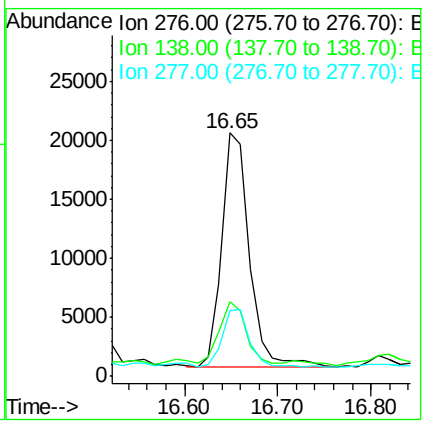




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.61 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:276 Resp: 40932

Ion	Ratio	Lower	Upper
276	100		
138	24.6	24.2	36.4
277	23.0	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SP-18

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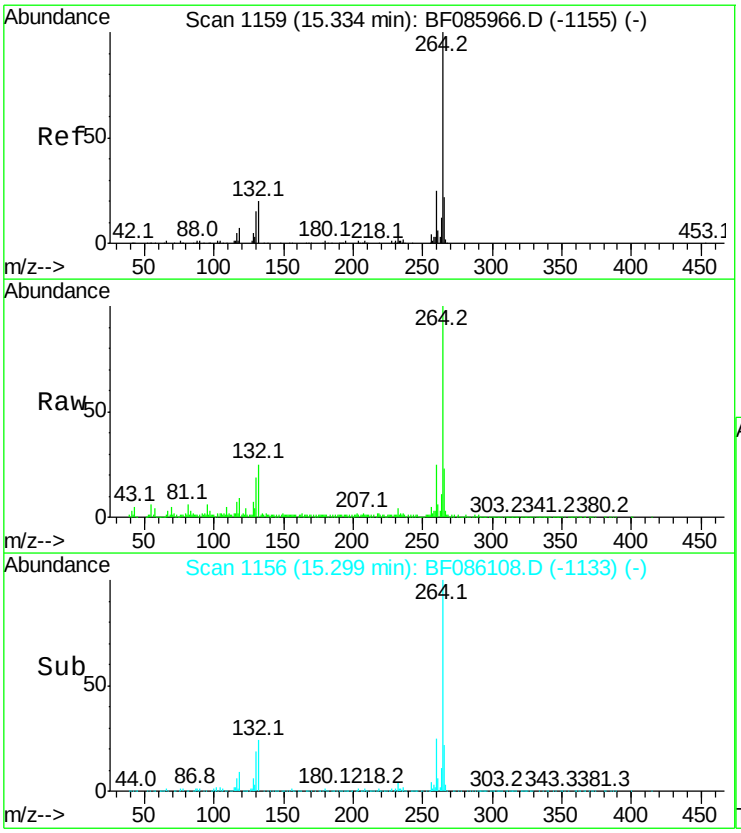
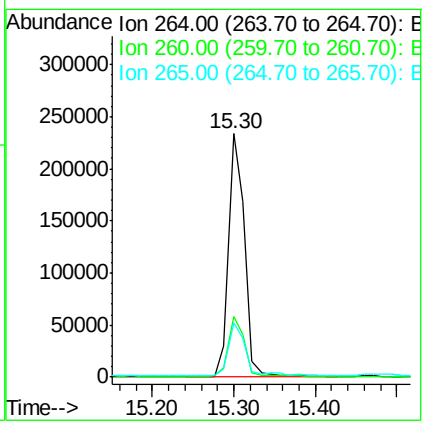
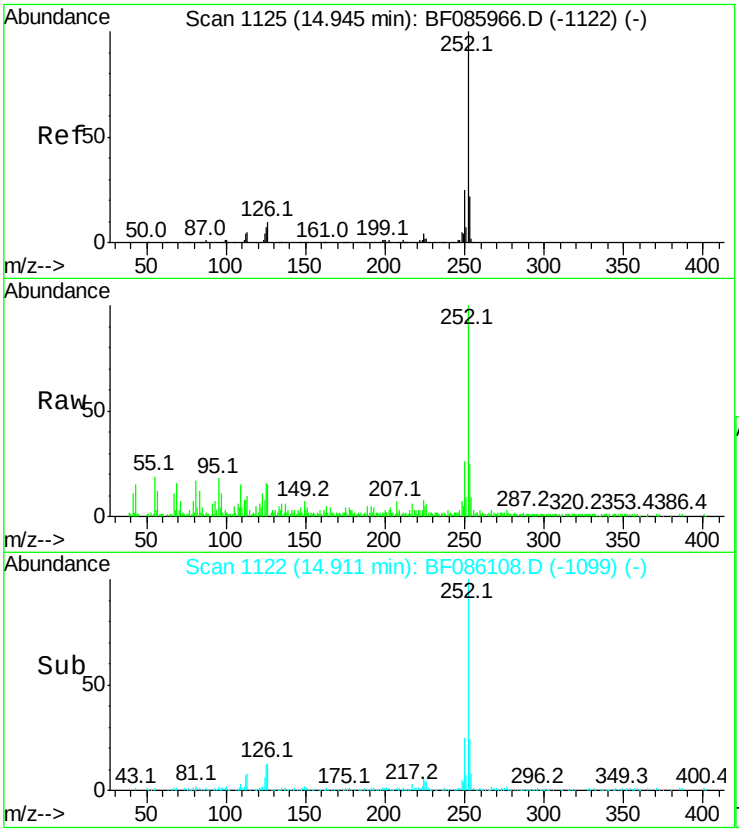


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:264 Resp: 312907

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.5	17.2	25.8

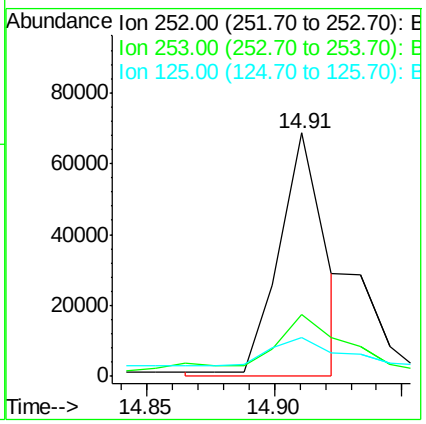




#87
Benzo(b)fluoranthene
Concen: 4.38 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:252 Resp: 86274

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	15.7	10.3	15.5#



Instrument :
BNA_F
ClientSampleId :
SP-18

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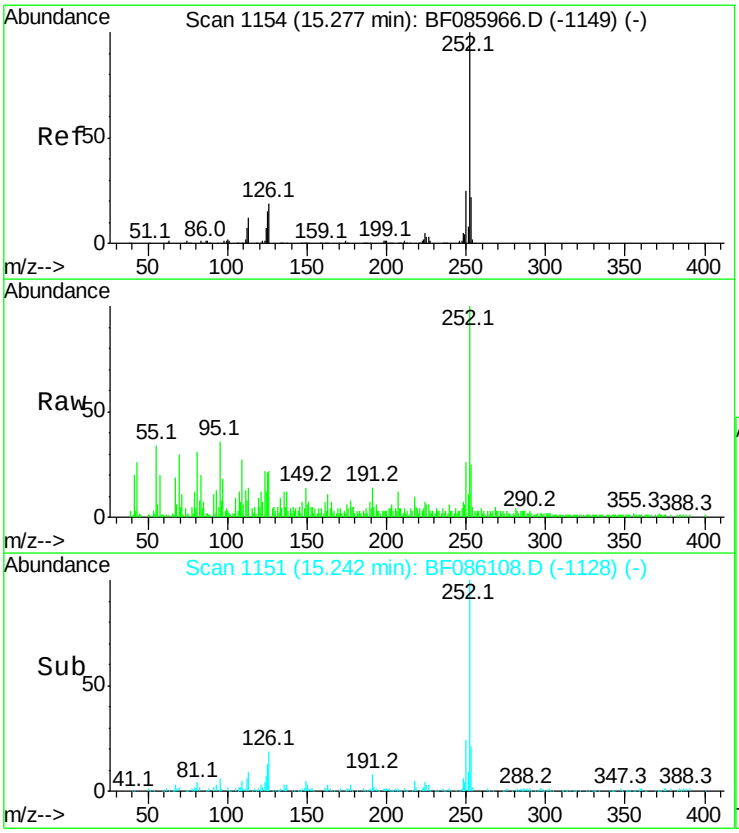
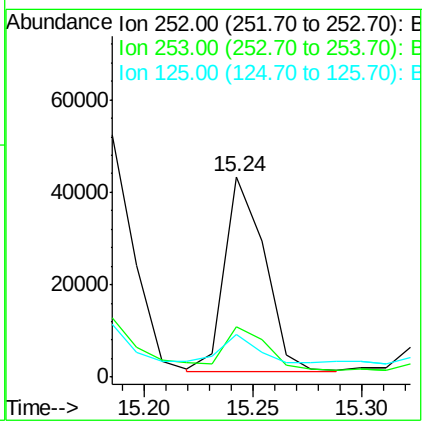
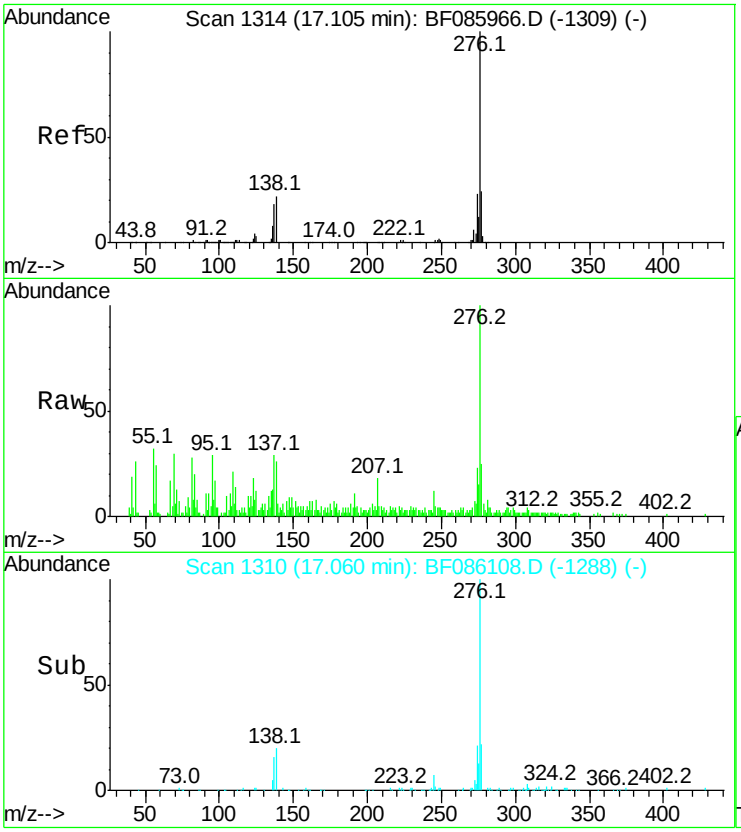


#89
Benzo(a)pyrene
Concen: 3.12 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:252 Resp: 54331

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.0
125	21.3	10.3	15.5#

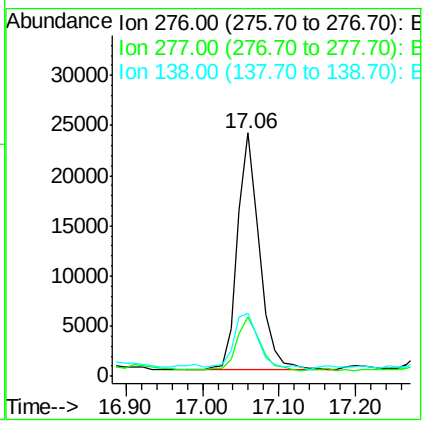




#91
Benzo(g,h,i)perylene
Concen: 3.47 ng
RT: 17.06 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF086108.D
Acq: 6 Apr 2016 20:03

Tgt Ion:276 Resp: 47112

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	25.7	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
SP-18

Manual Integrations APPROVED
Sohil
4/7/2016 8:59:07 AM