Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085374.D
Acq On : 11 Mar 2016 16:10
Operator : UM/SJ
Sample : H1731-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21-COMP

Manual Integrations APPROVED
UMANGI
3/14/2016 10:44:58 AM

Quant Time: Mar 14 04:41:31 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	6.94	152	149395	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	595550	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	272430	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	490998	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	281957	20.00	ng		-0.05
86) Perylene-d12	15.57	264	256018	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1381084	155.07	ng		-0.03
7) Phenol-d6	6.56	99	1474520	126.37	ng		-0.05
23) Nitrobenzene-d5	7.50	82	994981	89.40	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	340804	146.20	ng		-0.05
44) 2-Fluorobiphenyl	9.30	172	1598643	89.24	ng		-0.05
78) Terphenyl-d14	13.05	244	1215208	100.05	ng		-0.03
Target Compounds							Qvalue
49) Dimethylphthalate	9.69	163	273202	13.07	ng		99
74) Fluoranthene	12.68	202	87468	3.39	ng		97
77) Pyrene	12.90	202	81526	3.84	ng		96
80) Benzo(a)anthracene	14.09	228	39441m	2.34	ng		
82) Chrysene	14.13	228	36628m	2.35	ng		
85) Indeno(1,2,3-cd)pyrene	17.02	276	27554m	2.26	ng		
87) Benzo(b)fluoranthene	15.13	252	53256m	3.12	ng		
89) Benzo(a)pyrene	15.50	252	36370	2.57	ng	#	94
91) Benzo(g,h,i)perylene	17.45	276	29013	2.39	ng		97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085374.D
Acq On : 11 Mar 2016 16:10
Operator : UM/SJ
Sample : H1731-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 14 04:41:31 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 :
SB-21-COMP

Manual Integrations APPROVED
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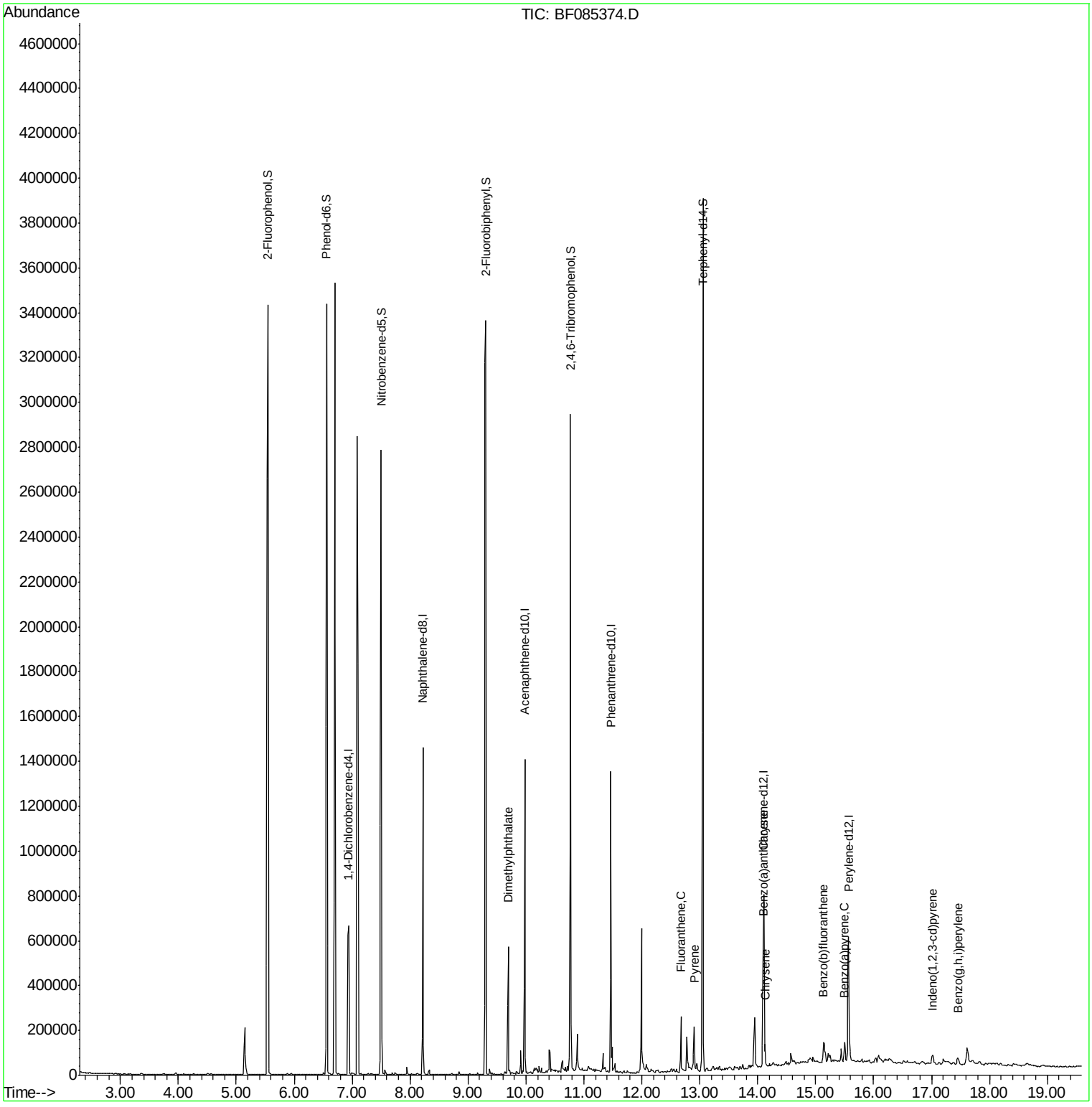
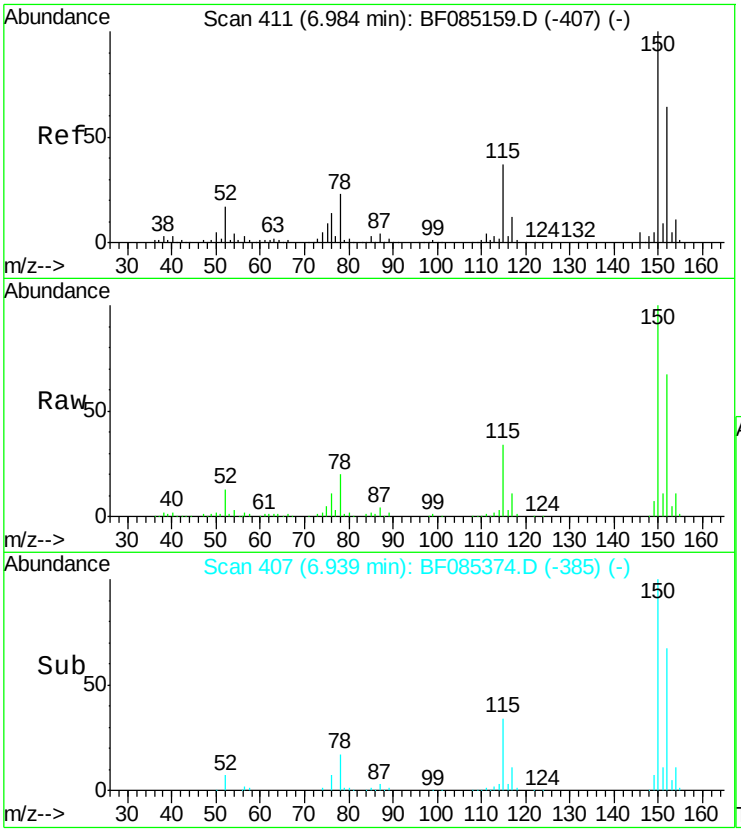
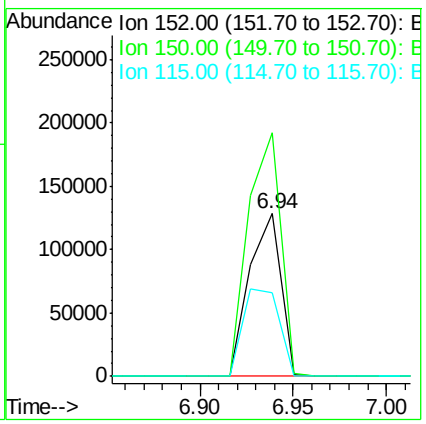




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:152 Resp: 149395

Ion	Ratio	Lower	Upper
152	100		
150	149.9	124.6	186.8
115	51.5	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
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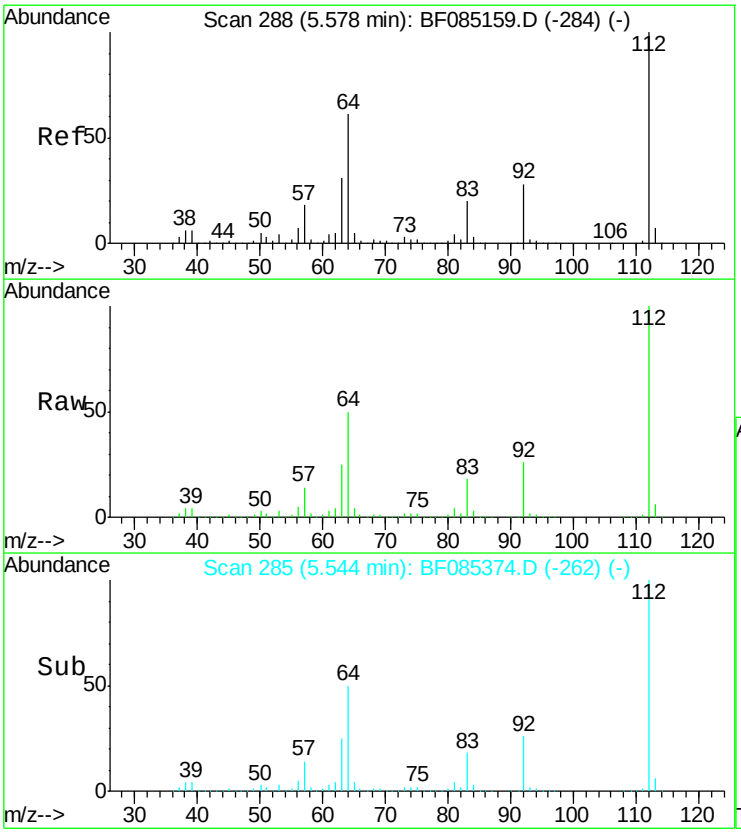
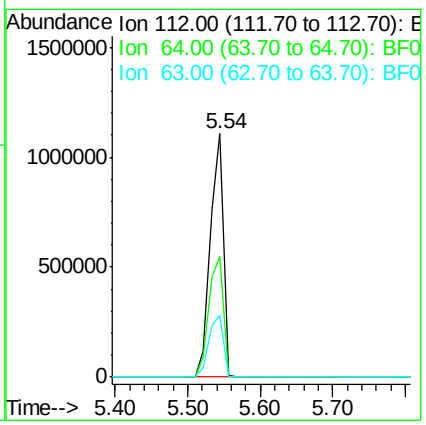
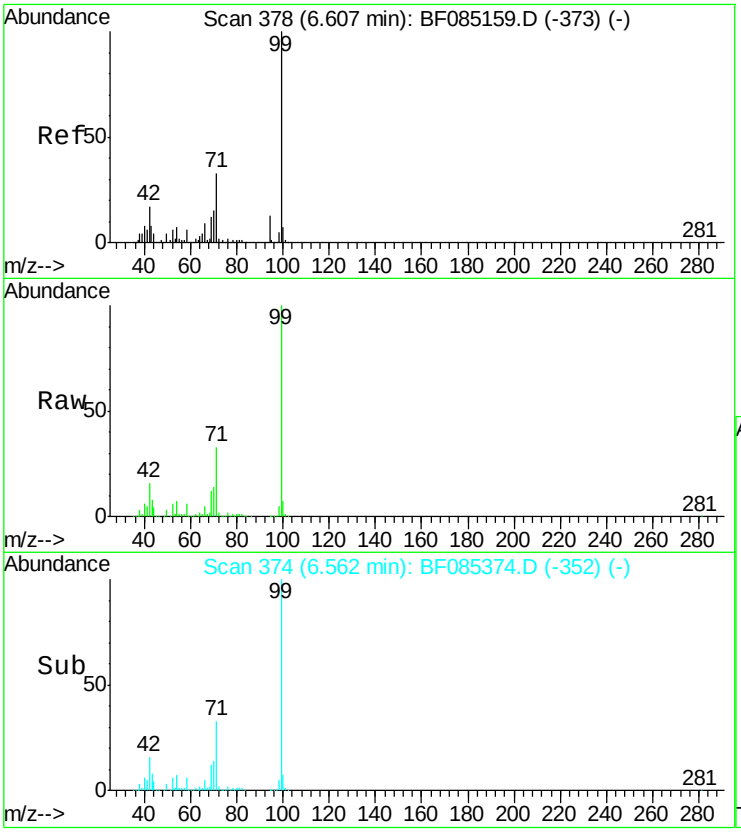


#5
2-Fluorophenol
Concen: 155.07 ng
RT: 5.54 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:112 Resp: 1381084

Ion	Ratio	Lower	Upper
112	100		
64	49.6	49.0	73.4
63	25.2	24.8	37.2

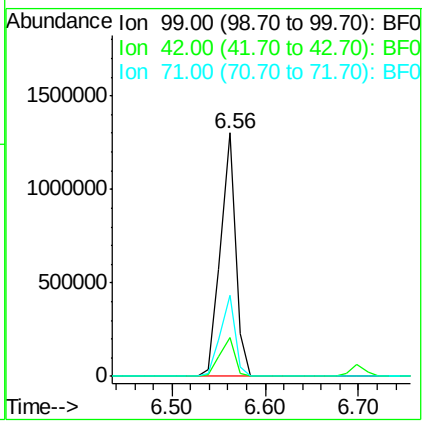




#7
Phenol-d6
Concen: 126.37 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion: 99 Resp: 1474520

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	33.1	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
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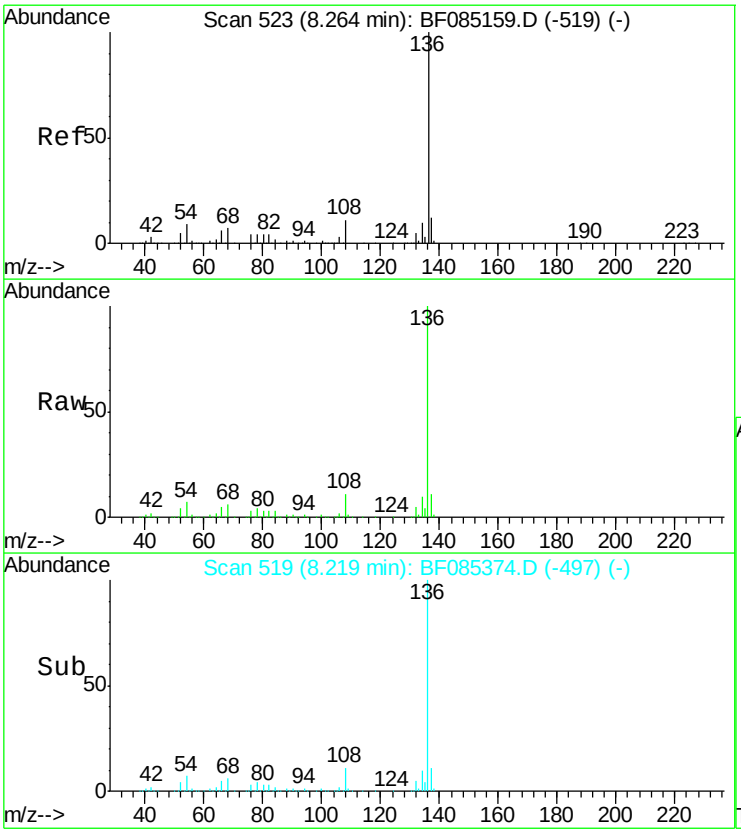
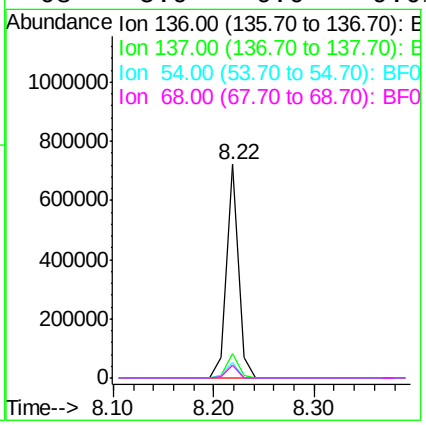
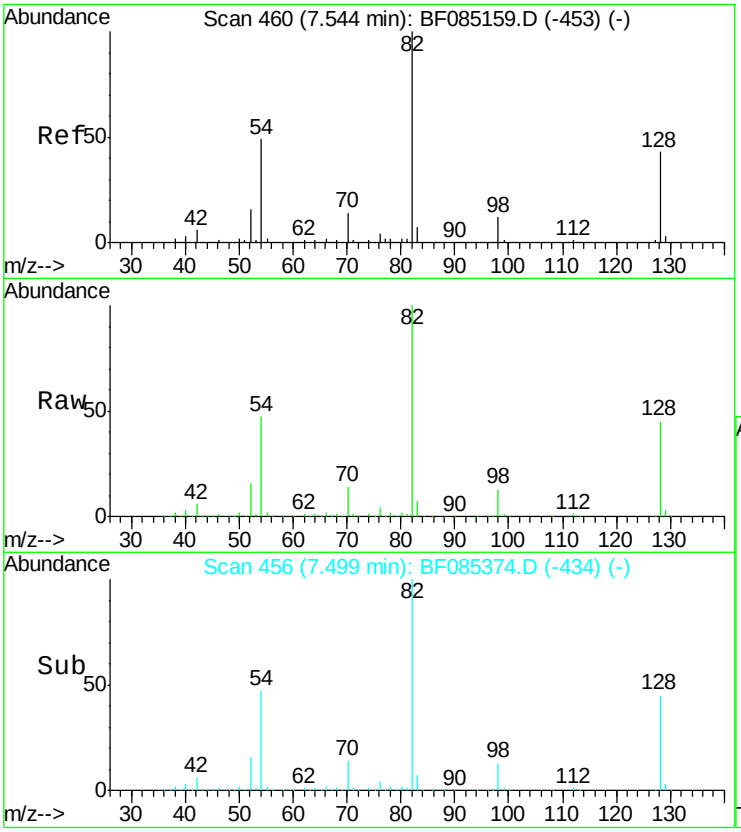


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:136 Resp: 595550

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.3	7.4	11.2#
68	5.9	6.0	9.0#

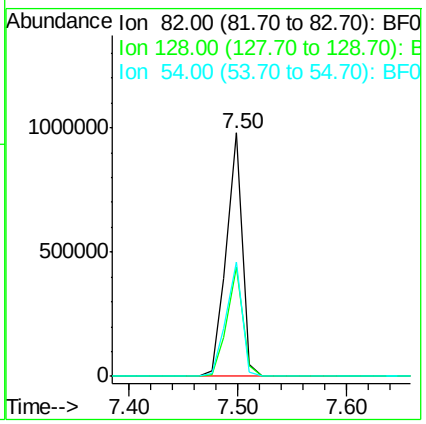




#23
Nitrobenzene-d5
Concen: 89.40 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion: 82 Resp: 994981

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.5	51.7
54	46.9	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

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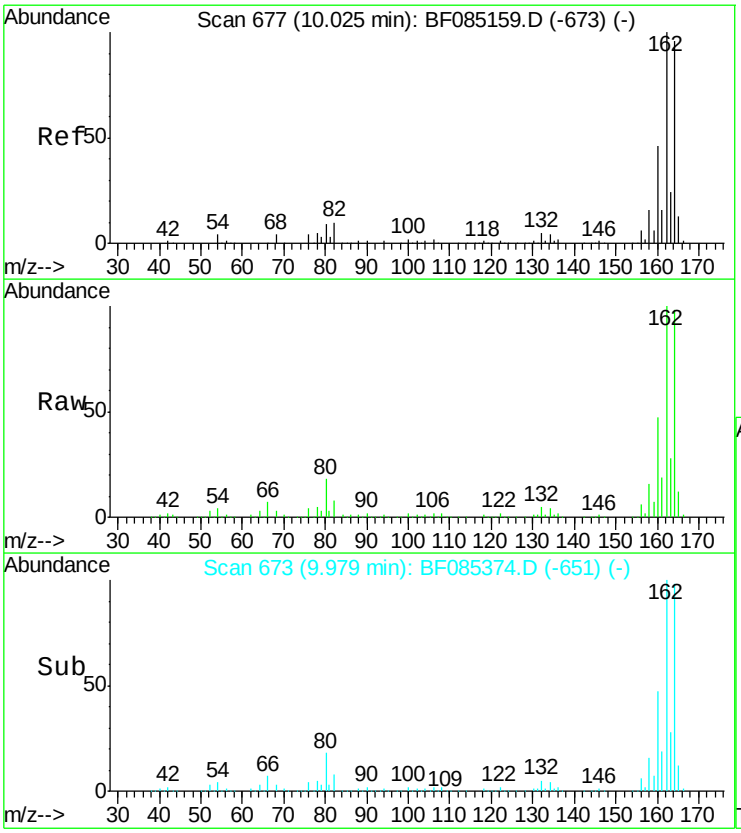
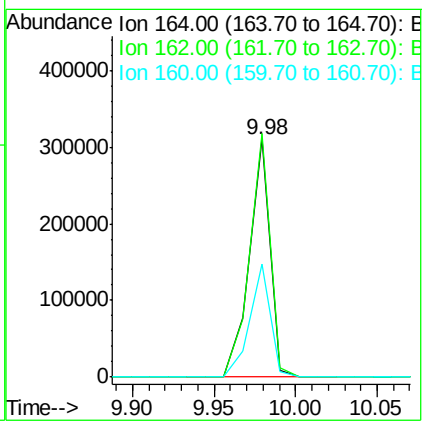
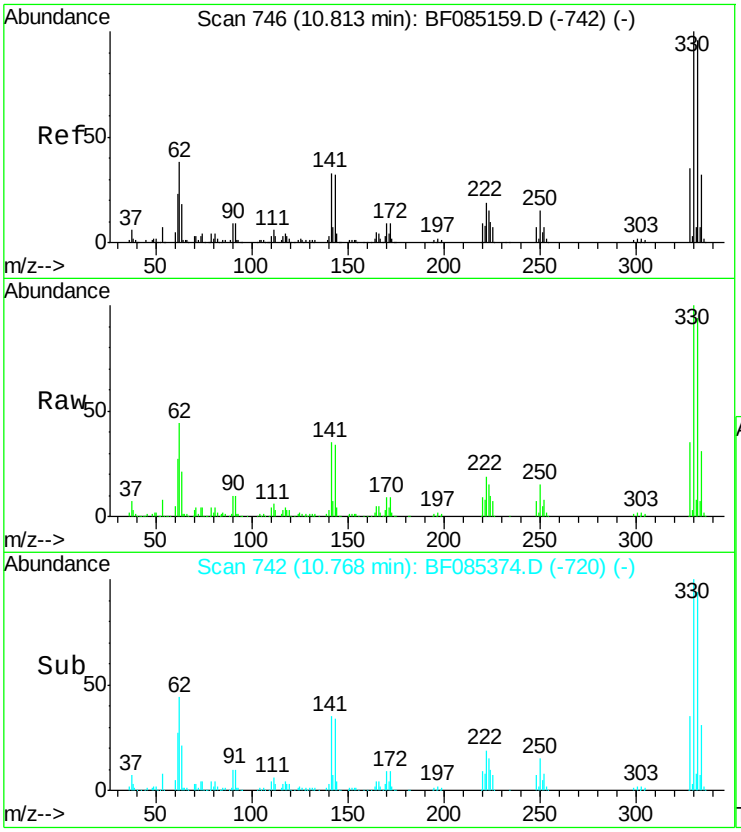


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:164 Resp: 272430

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.3	124.9
160	47.6	37.9	56.9

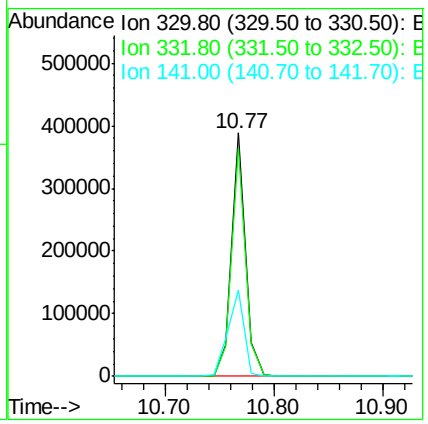




#41
2,4,6-Tribromophenol
Concen: 146.20 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:330 Resp: 340804

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	41.6	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

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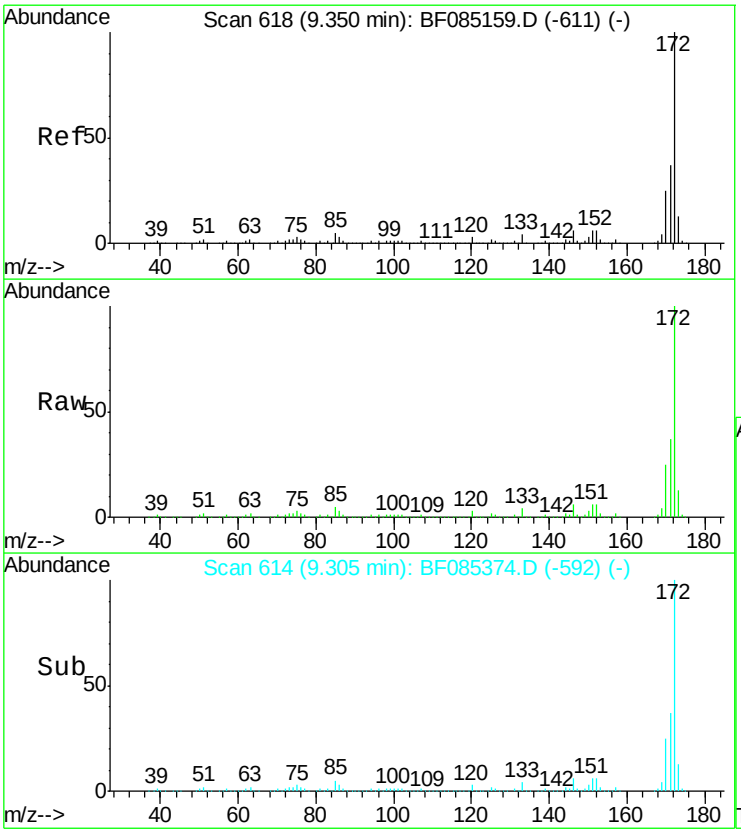
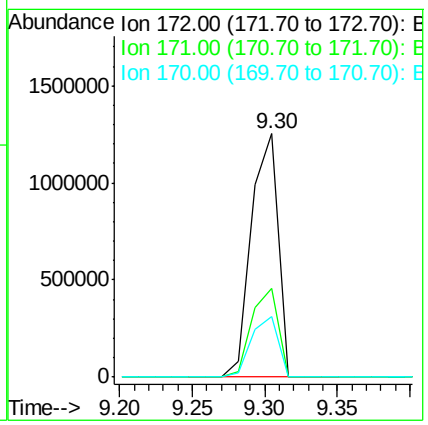
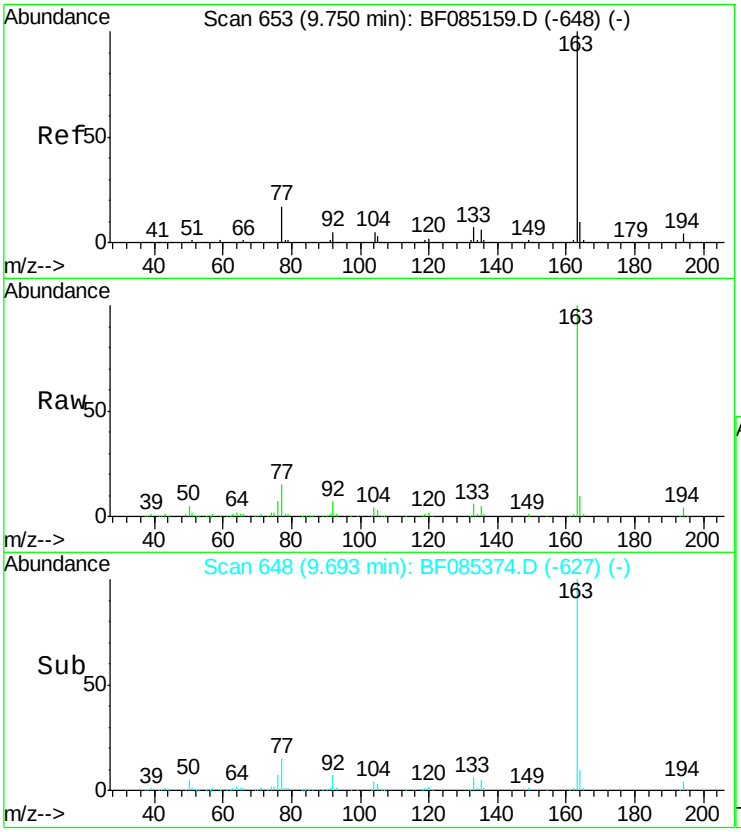


#44
2-Fluorobiphenyl
Concen: 89.24 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:172 Resp: 1598643

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	24.8	20.0	30.0

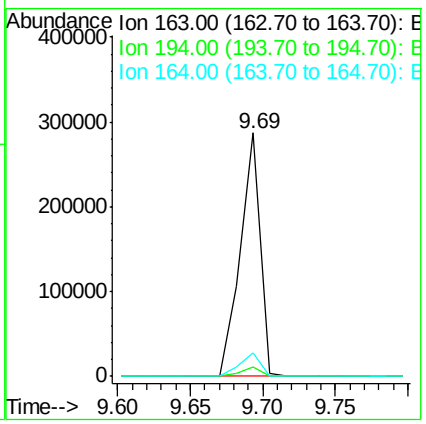




#49
Dimethylphthalate
Concen: 13.07 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:163 Resp: 273202

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.6	8.2	12.4



Instrument :
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ClientSampleId :
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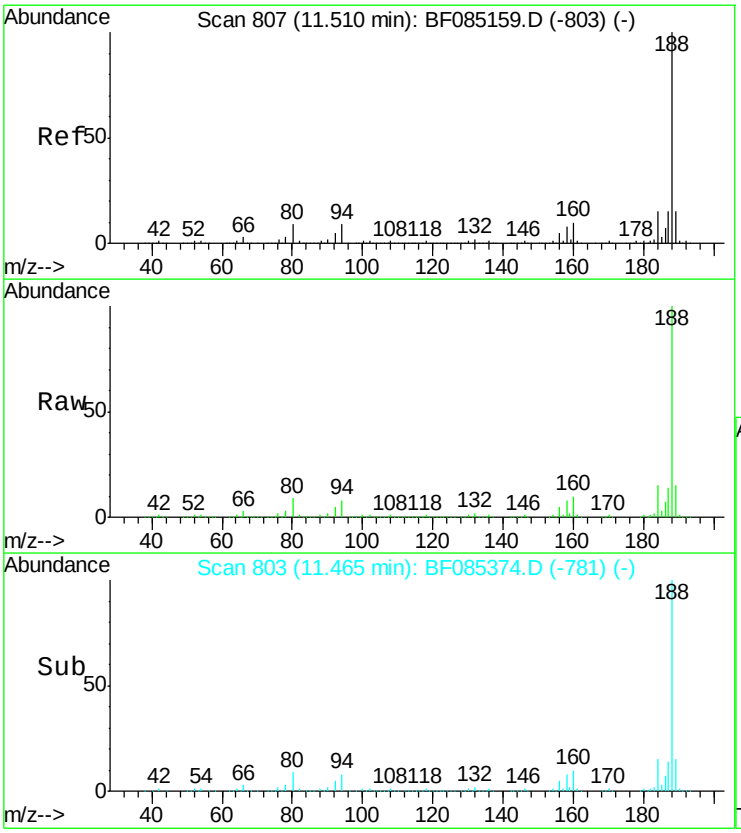
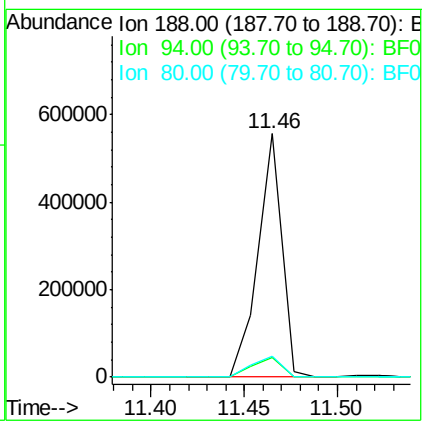
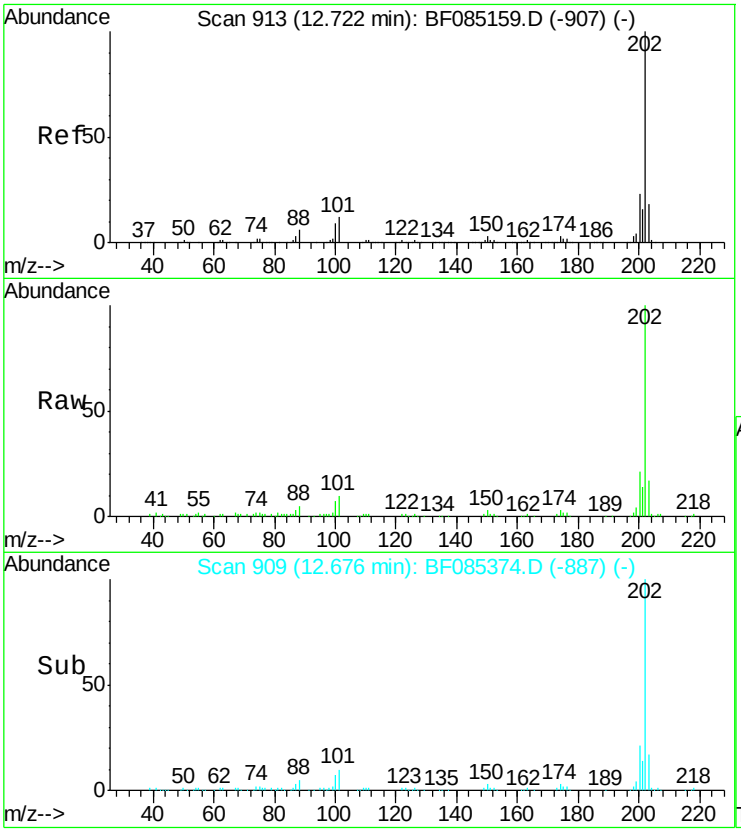


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:188 Resp: 490998

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	8.6	7.4	11.0

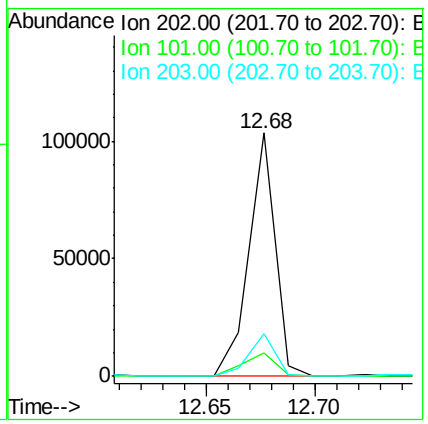




#74
Fluoranthene
Concen: 3.39 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:202 Resp: 87468

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.8
203	17.5	0.0	38.4



Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Manual Integrations APPROVED
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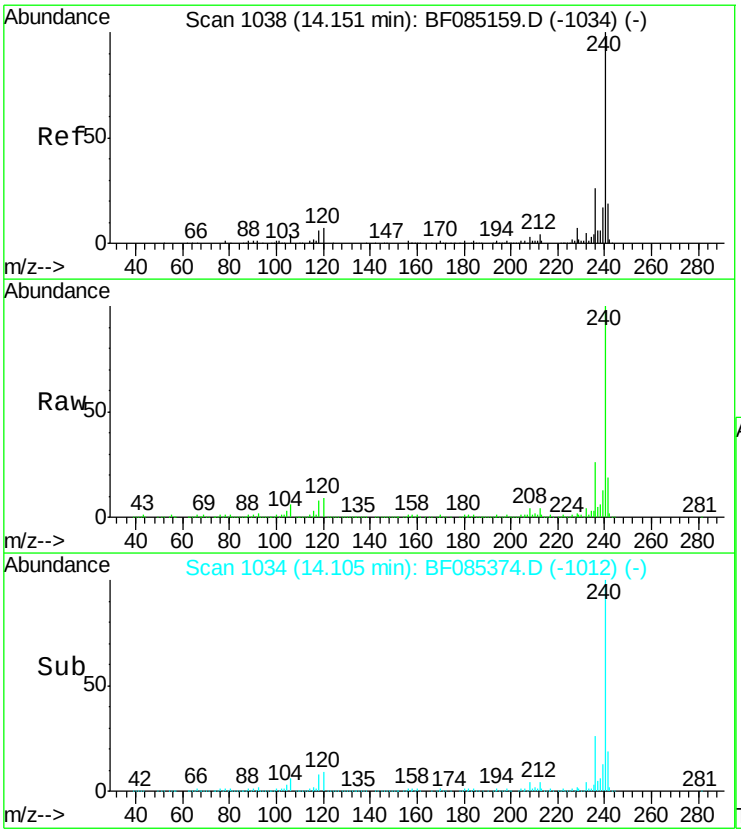
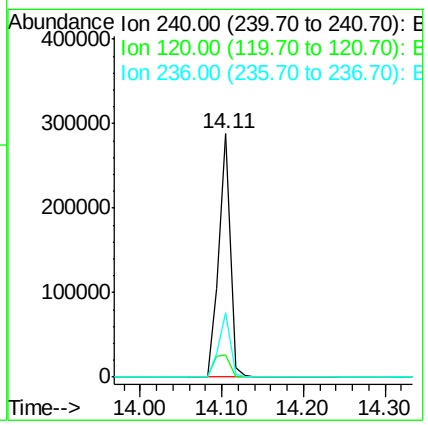
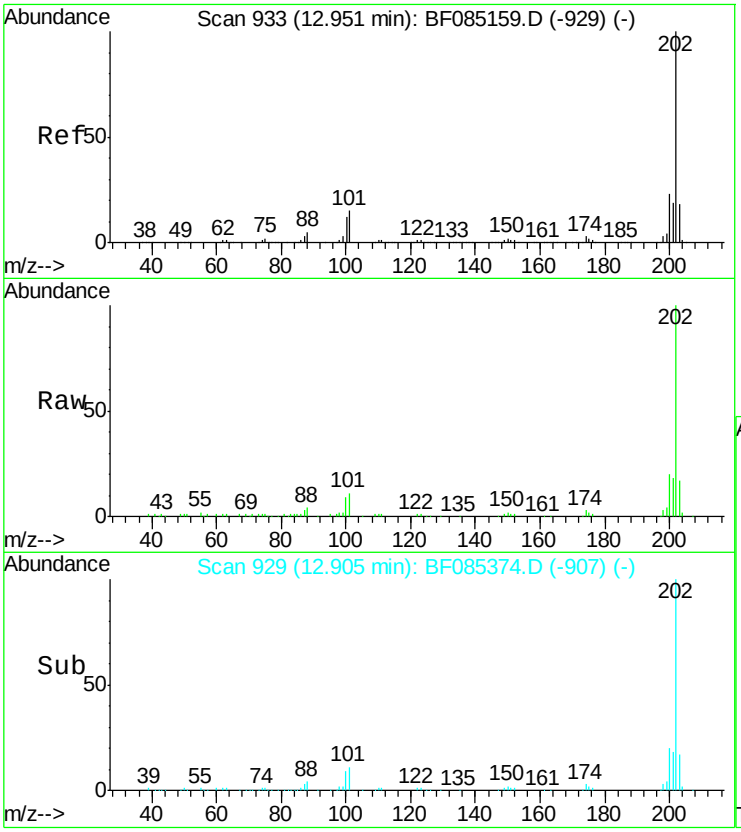


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:240 Resp: 281957

Ion	Ratio	Lower	Upper
240	100		
120	9.3	5.3	7.9#
236	26.3	20.7	31.1

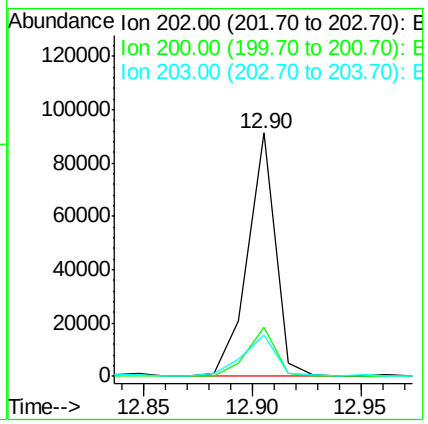




#77
Pyrene
Concen: 3.84 ng
RT: 12.90 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:202 Resp: 81526

Ion	Ratio	Lower	Upper
202	100		
200	20.3	18.2	27.4
203	16.8	14.7	22.1



Instrument :
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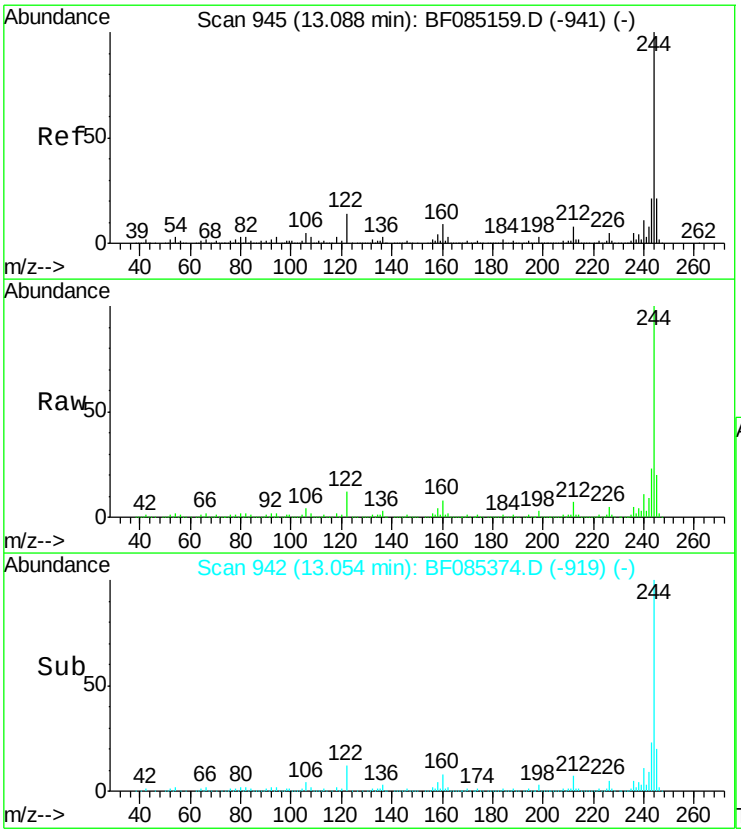
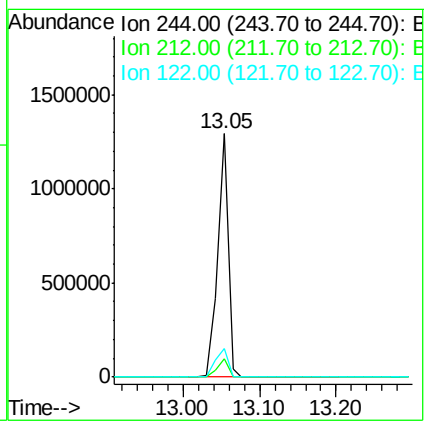
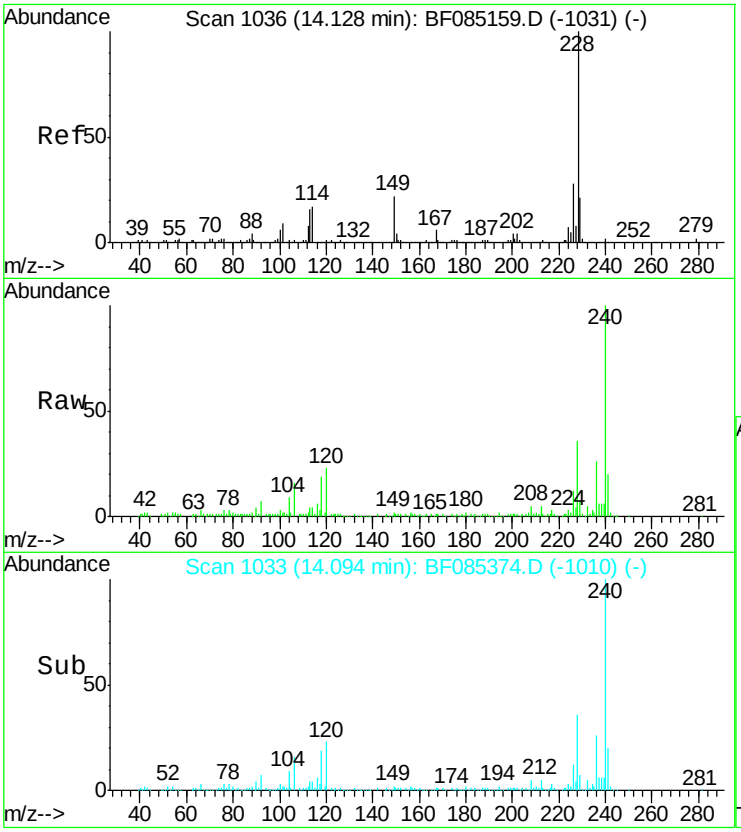


#78
Terphenyl-d14
Concen: 100.05 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:244 Resp: 1215208

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	11.9	11.4	17.2

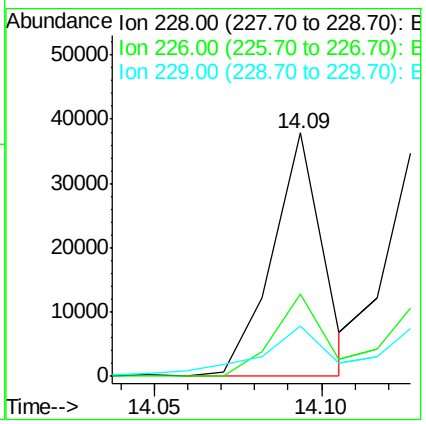




#80
Benzo(a)anthracene
Concen: 2.34 ng m
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:228 Resp: 39441

Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.8	34.2
229	20.5	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Manual Integrations APPROVED
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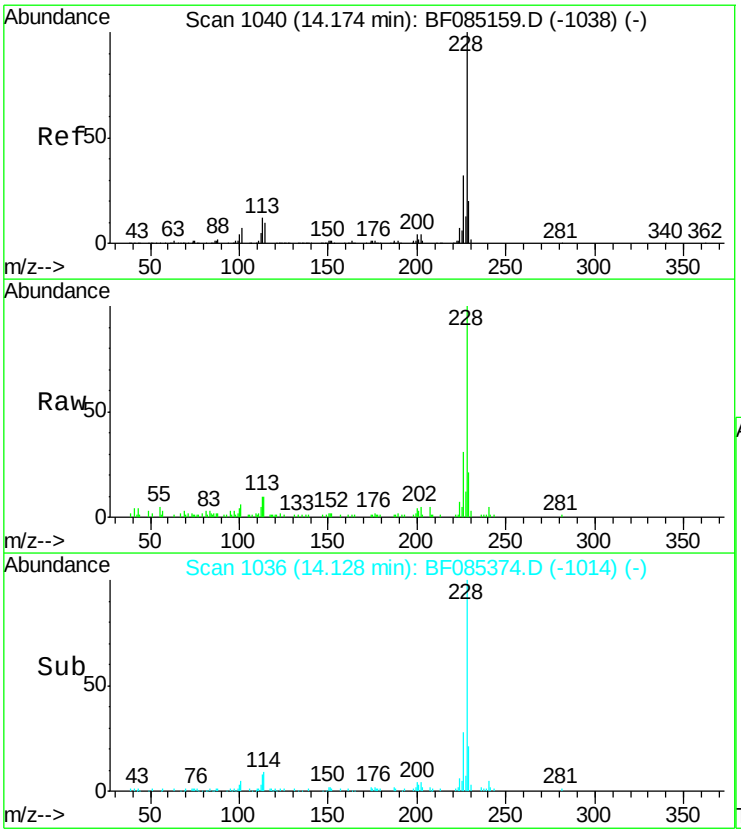
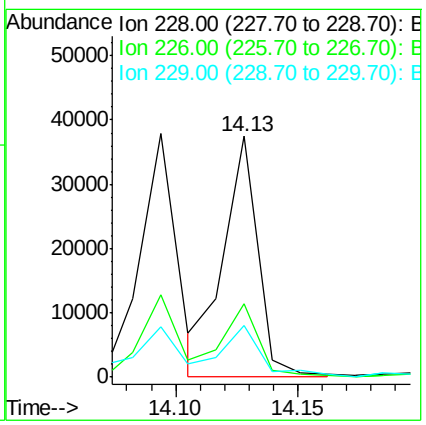
3/14/2016 10:44:58 AM

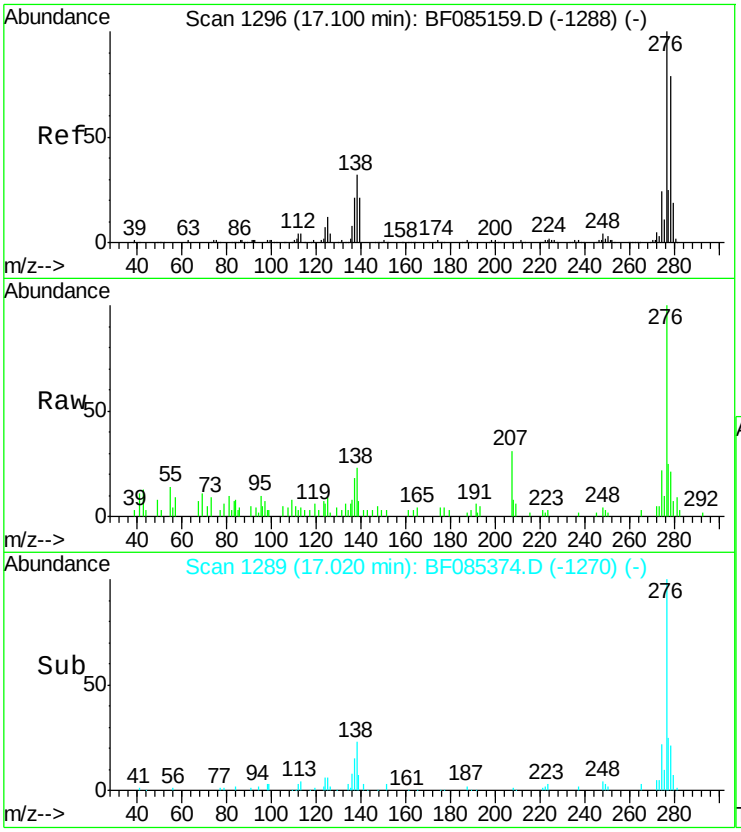


#82
Chrysene
Concen: 2.35 ng m
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:228 Resp: 36628

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.2	37.8
229	21.4	16.0	24.0





#85
Indeno(1,2,3-cd)pyrene
Concen: 2.26 ng m
RT: 17.02 min Scan# 1289
Delta R.T. -0.08 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:276 Resp: 27554

Ion	Ratio	Lower	Upper
276	100		
138	9.0	26.4	39.6#
277	7.3	20.2	30.2#

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Manual Integrations APPROVED
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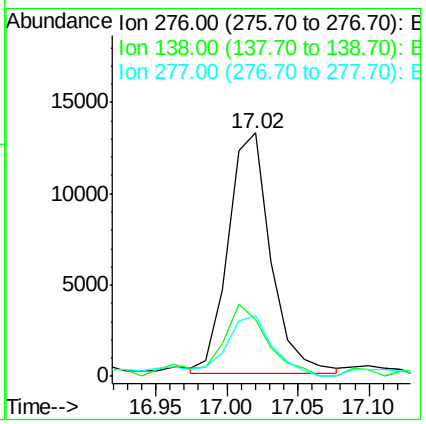
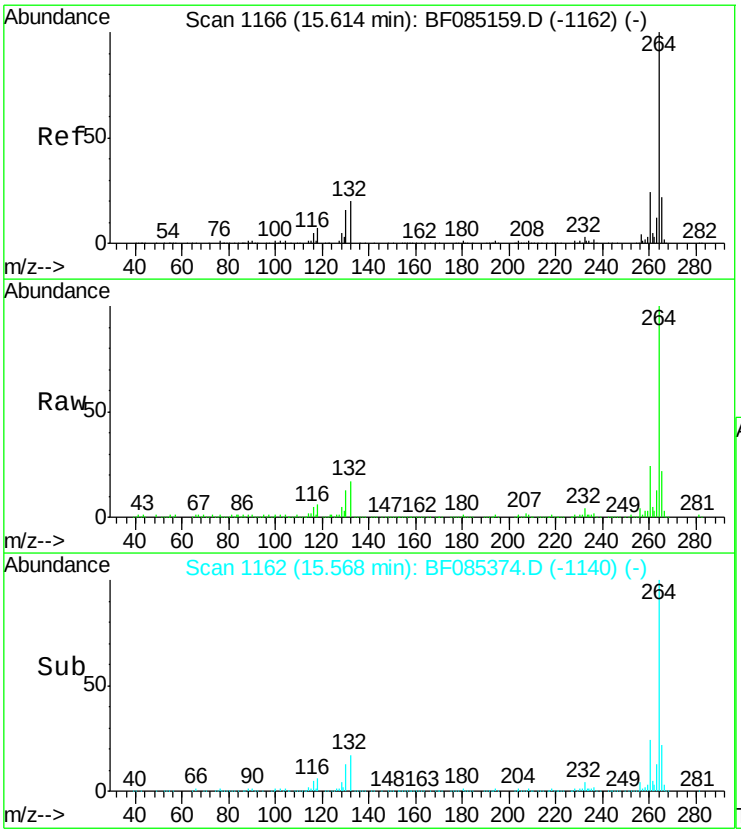
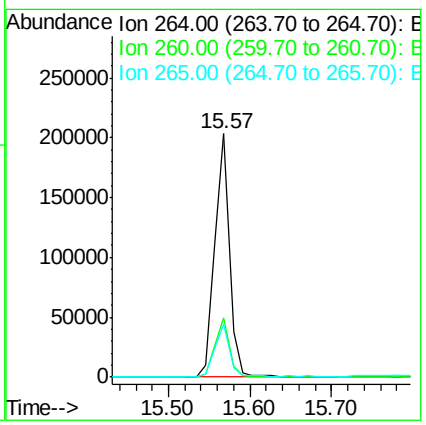


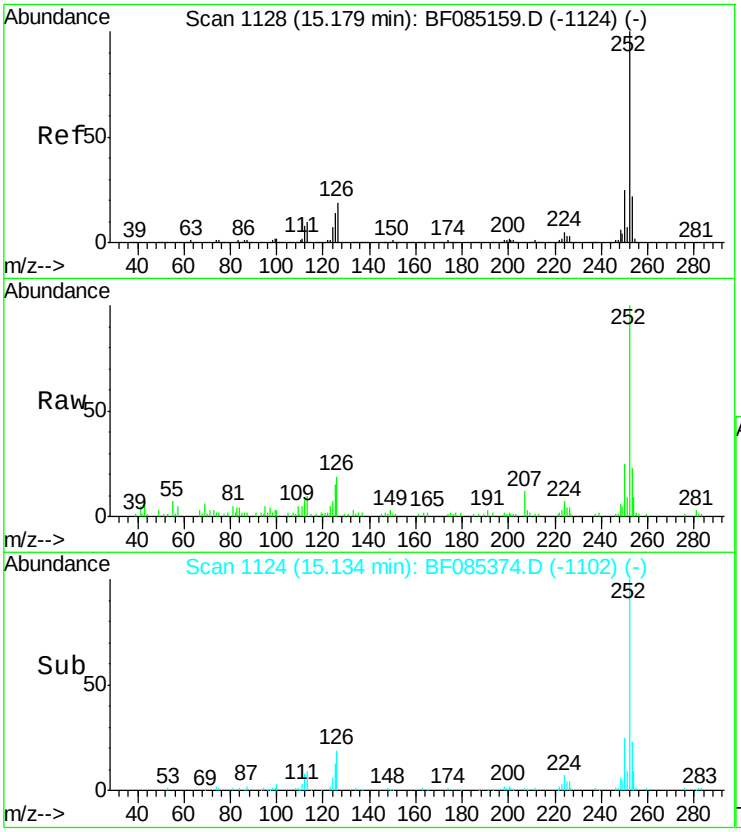


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:264 Resp: 256018

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.3	25.9

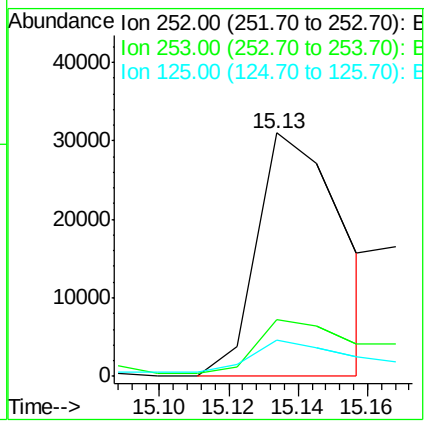




#87
Benzo(b)fluoranthene
Concen: 3.12 ng m
RT: 15.13 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:252 Resp: 53256

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	15.0	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

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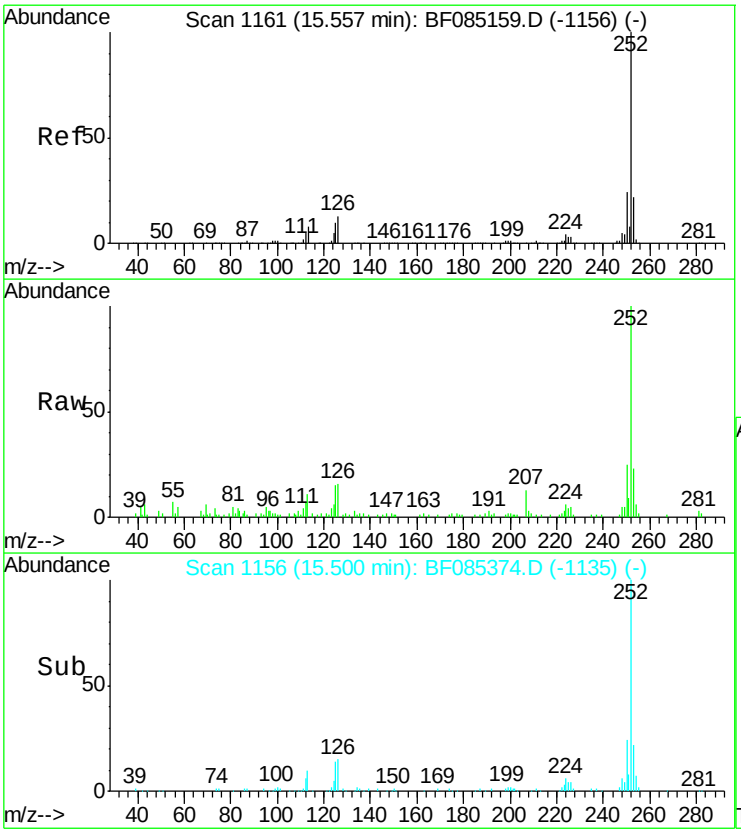
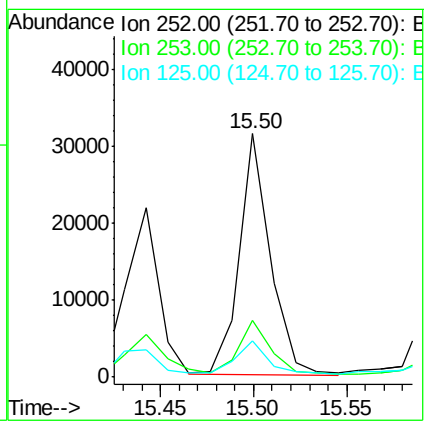
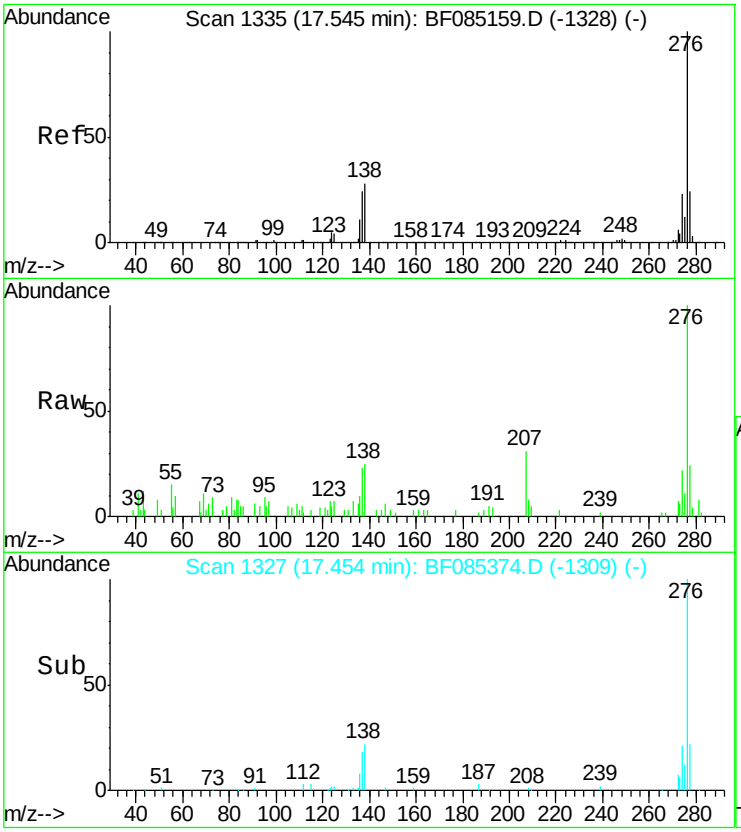


#89
Benzo(a)pyrene
Concen: 2.57 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:252 Resp: 36370

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	15.0	8.2	12.4#

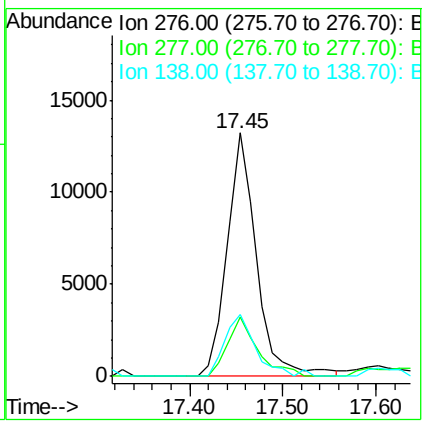




#91
Benzo(g,h,i)perylene
Concen: 2.39 ng
RT: 17.45 min Scan# 1327
Delta R.T. -0.09 min
Lab File: BF085374.D
Acq: 11 Mar 2016 16:10

Tgt Ion:276 Resp: 29013

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	25.5	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

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