Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085386.D
Acq On : 11 Mar 2016 21:55
Operator : UM/SJ
Sample : H1758-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:35 AM

Quant Time: Mar 12 00:50:27 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	155832	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	568139	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	247318	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	373628	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	281556	20.00	ng		-0.05
86) Perylene-d12	15.57	264	286901	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1351831	145.51	ng		-0.03
7) Phenol-d6	6.57	99	1857067	152.57	ng		-0.03
23) Nitrobenzene-d5	7.50	82	964732	90.87	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	274449	129.69	ng		-0.05
44) 2-Fluorobiphenyl	9.30	172	1678292	103.20	ng		-0.05
78) Terphenyl-d14	13.05	244	1016399	83.80	ng		-0.03
Target Compounds							Qvalue
49) Dimethylphthalate	9.69	163	159398	8.40	ng		99
70) Phenanthrene	11.49	178	97794	4.99	ng		96
74) Fluoranthene	12.68	202	128796	6.55	ng		97
77) Pyrene	12.91	202	128617	6.07	ng		97
80) Benzo(a)anthracene	14.09	228	80498	4.78	ng		99
82) Chrysene	14.13	228	54684	3.51	ng		96
85) Indeno(1,2,3-cd)pyrene	17.02	276	30961	2.55	ng	#	88
87) Benzo(b)fluoranthene	15.15	252	80548m	4.21	ng		
89) Benzo(a)pyrene	15.51	252	60406	3.81	ng	#	90
91) Benzo(g,h,i)perylene	17.47	276	31621	2.32	ng		98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085386.D
Acq On : 11 Mar 2016 21:55
Operator : UM/SJ
Sample : H1758-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 12 00:50:27 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 :
POST-EX-18-20160310

Manual Integrations APPROVED
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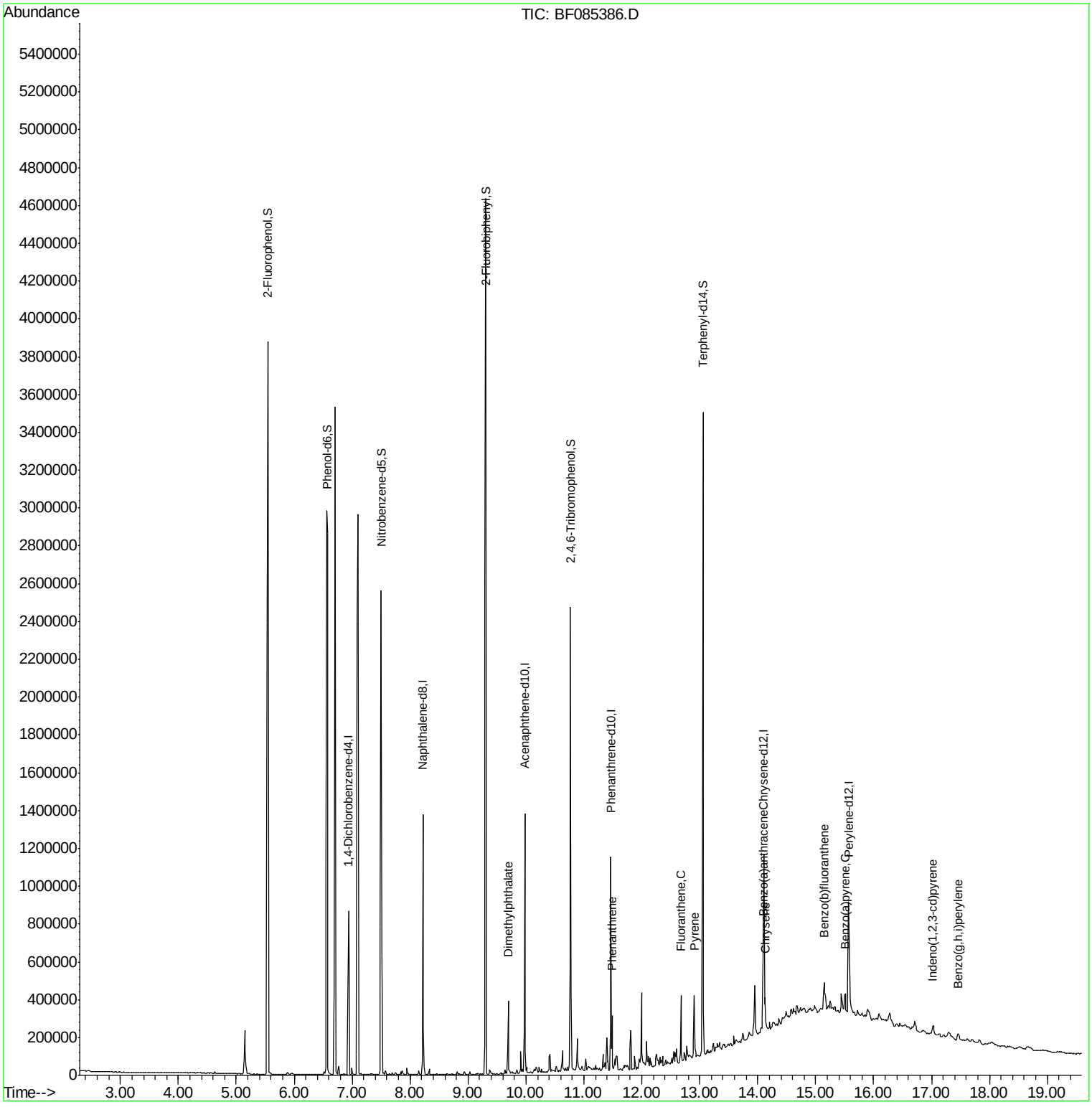
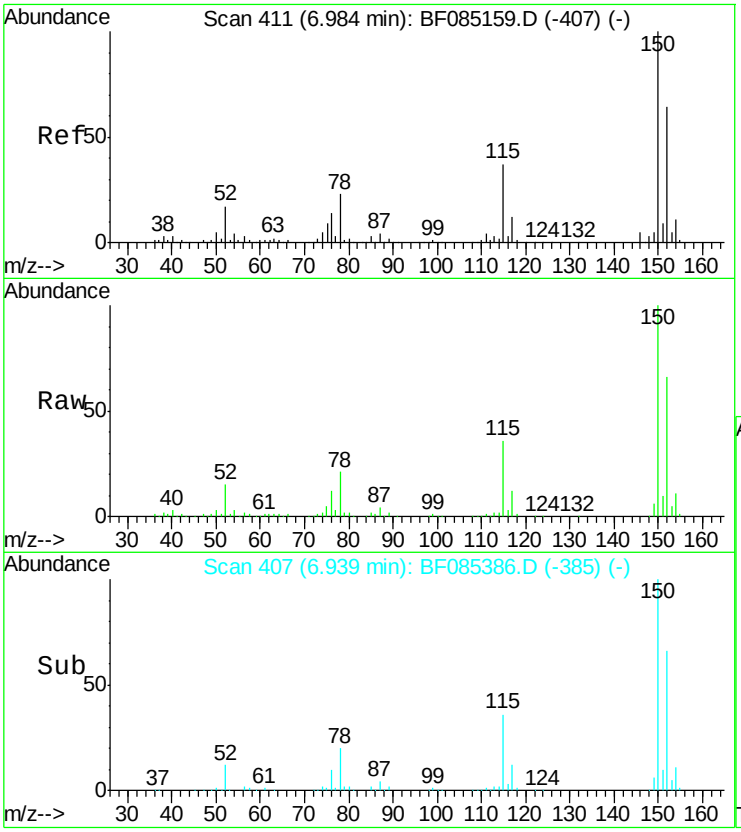
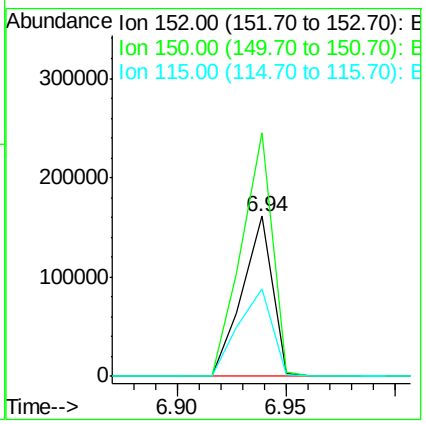




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:152 Resp: 155832

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	54.9	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

Manual Integrations APPROVED
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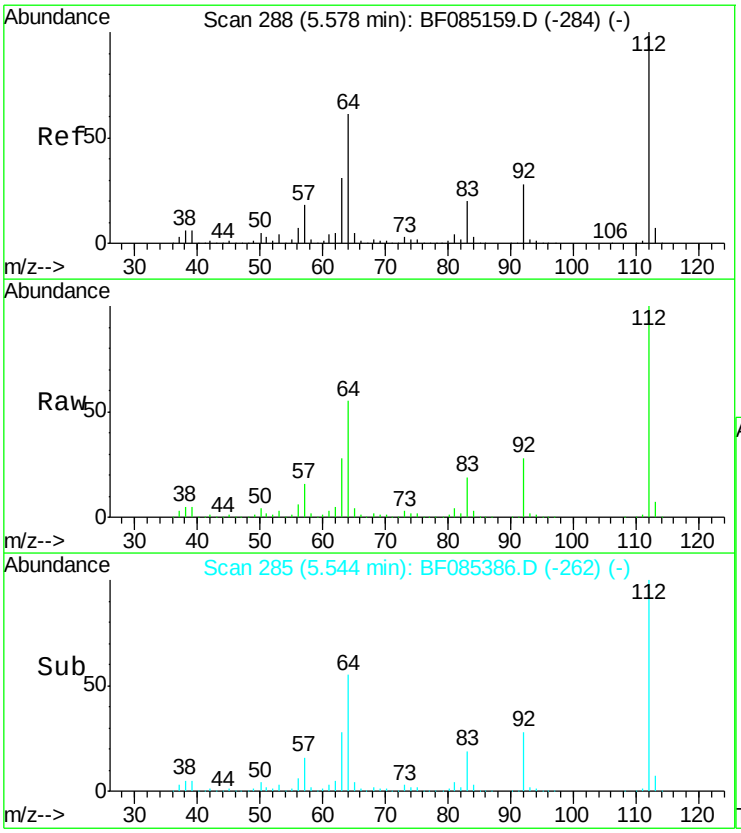
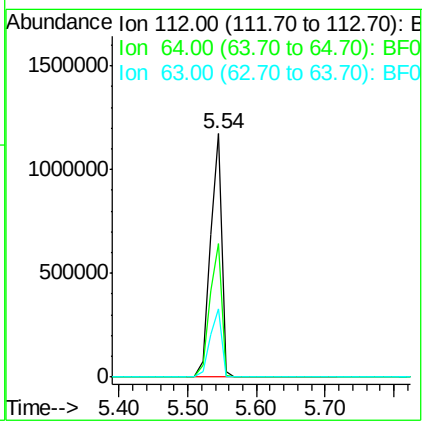
3/14/2016 10:45:35 AM

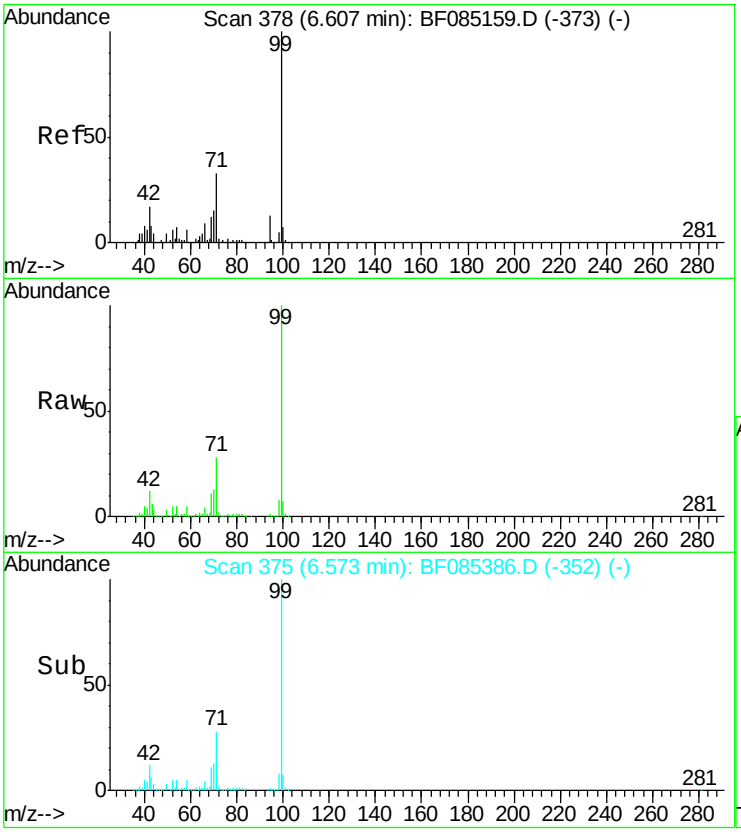


#5
2-Fluorophenol
Concen: 145.51 ng
RT: 5.54 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:112 Resp: 1351831

Ion	Ratio	Lower	Upper
112	100		
64	54.7	49.0	73.4
63	27.8	24.8	37.2

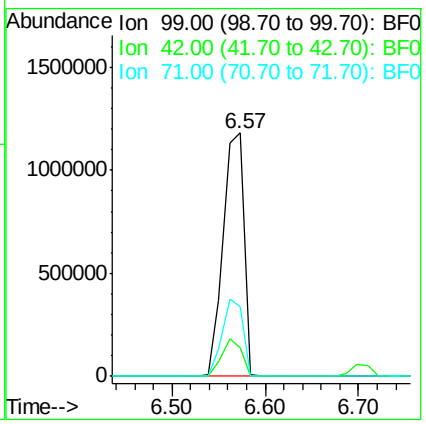




#7
Phenol-d6
Concen: 152.57 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.03 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion: 99 Resp: 1857067

Ion	Ratio	Lower	Upper
99	100		
42	11.7	13.6	20.4#
71	28.3	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

Manual Integrations APPROVED
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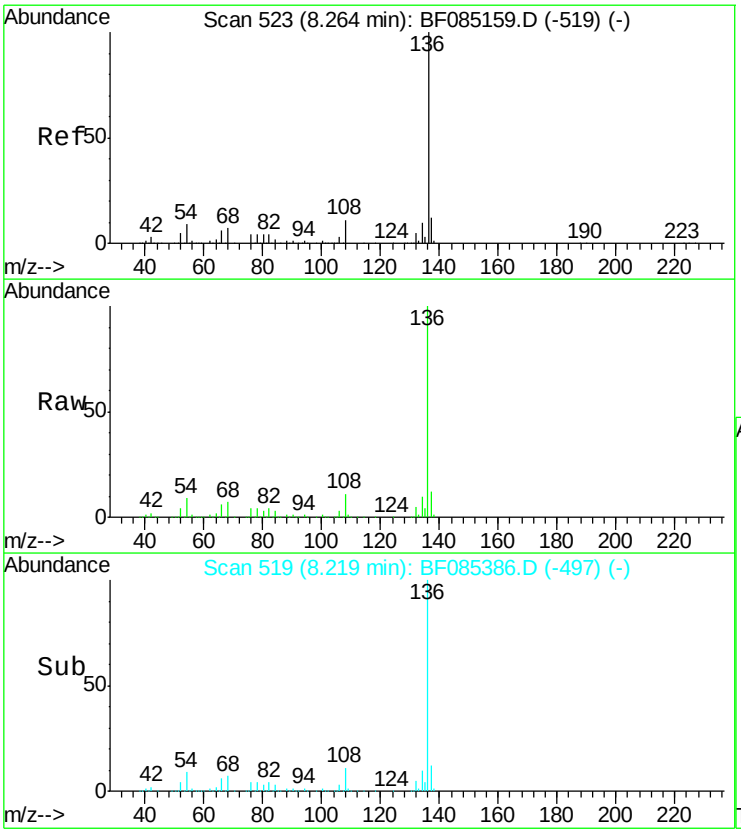
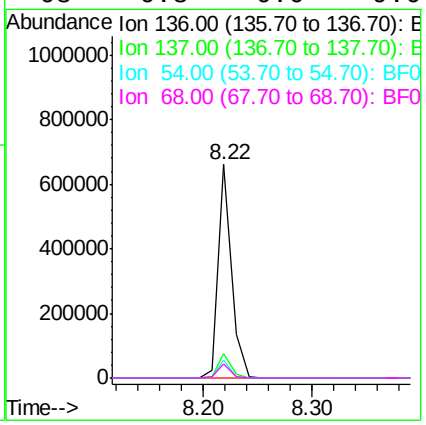
3/14/2016 10:45:35 AM

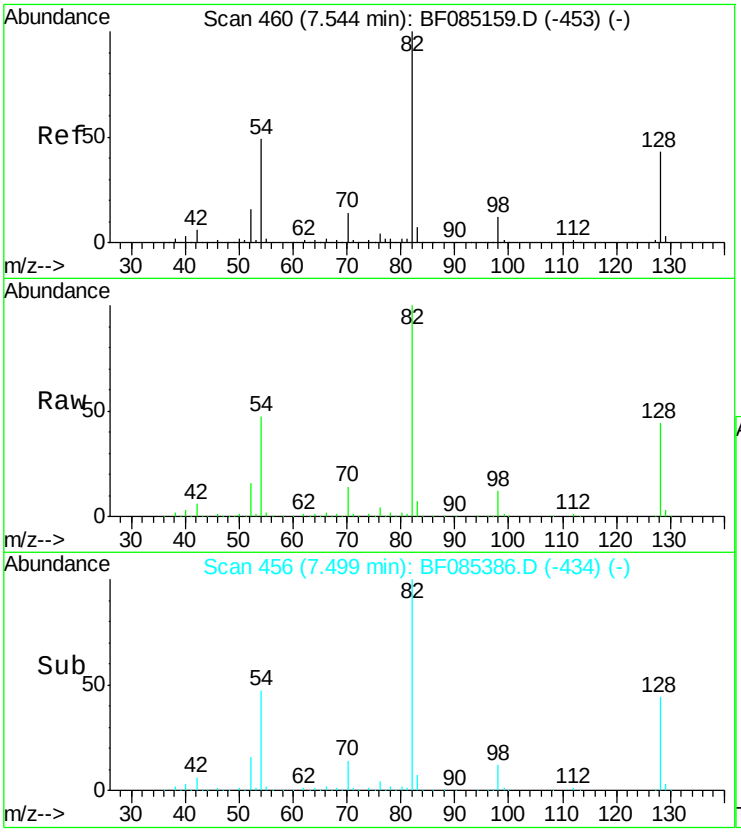


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:136 Resp: 568139

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	8.5	7.4	11.2
68	6.8	6.0	9.0

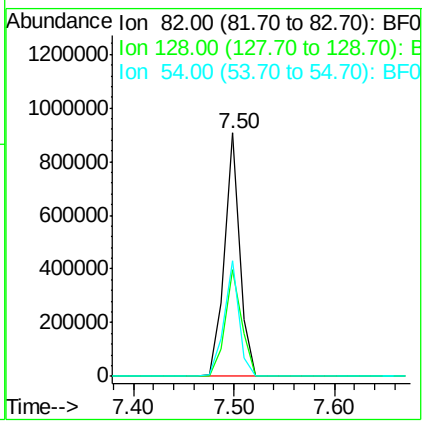




#23
Nitrobenzene-d5
Concen: 90.87 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion: 82 Resp: 964732

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.5	51.7
54	47.5	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

Manual Integrations APPROVED
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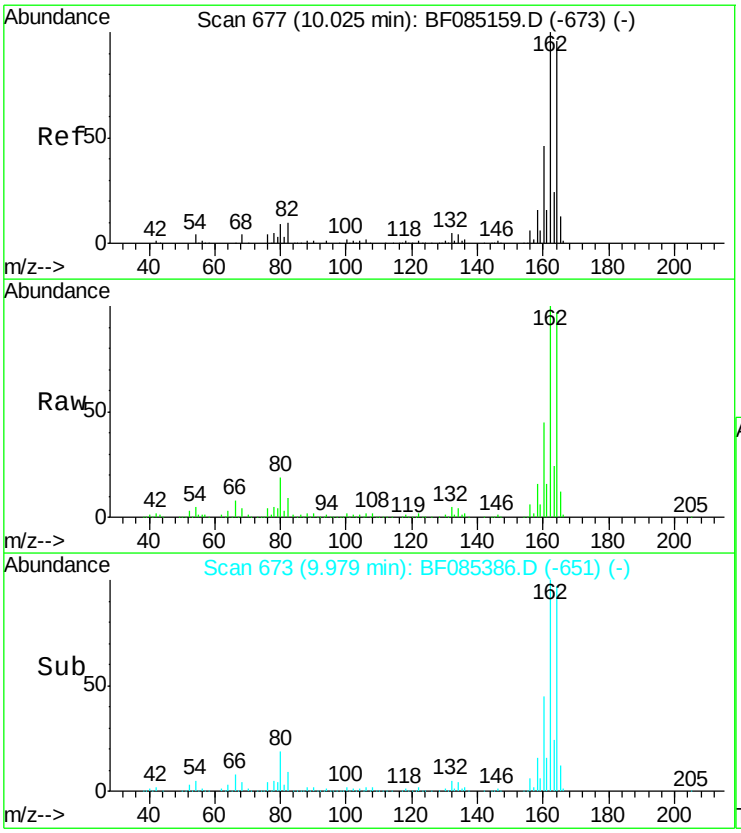
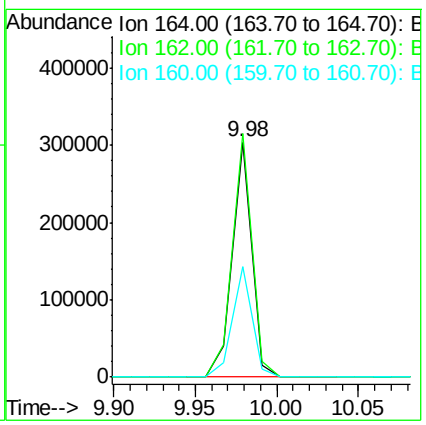
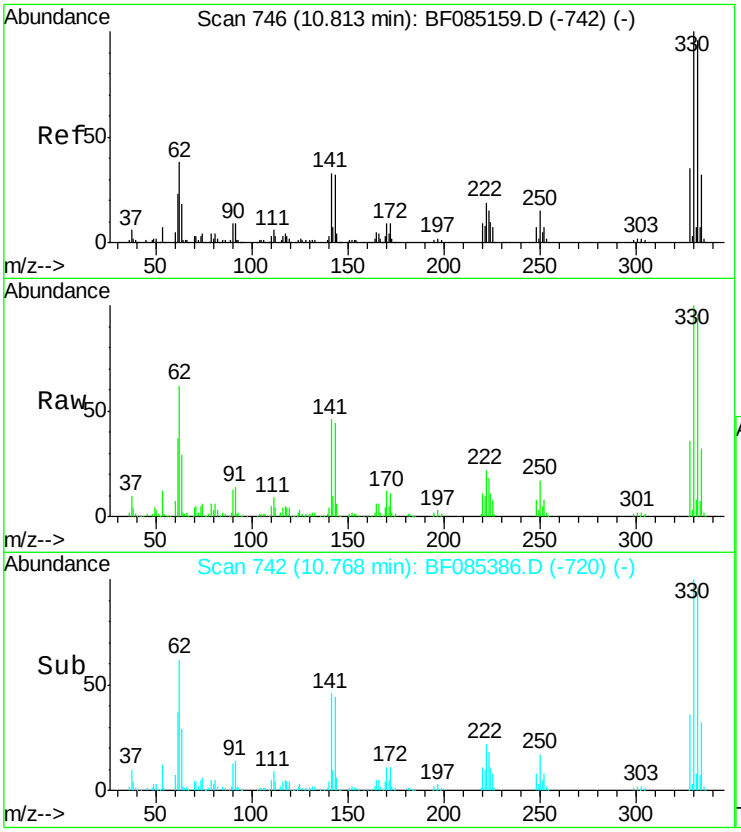


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:164 Resp: 247318

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.3	124.9
160	46.9	37.9	56.9

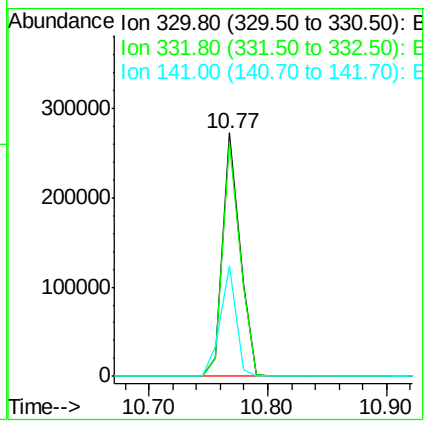




#41
2,4,6-Tribromophenol
Concen: 129.69 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:330 Resp: 274449

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	42.2	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

Manual Integrations APPROVED
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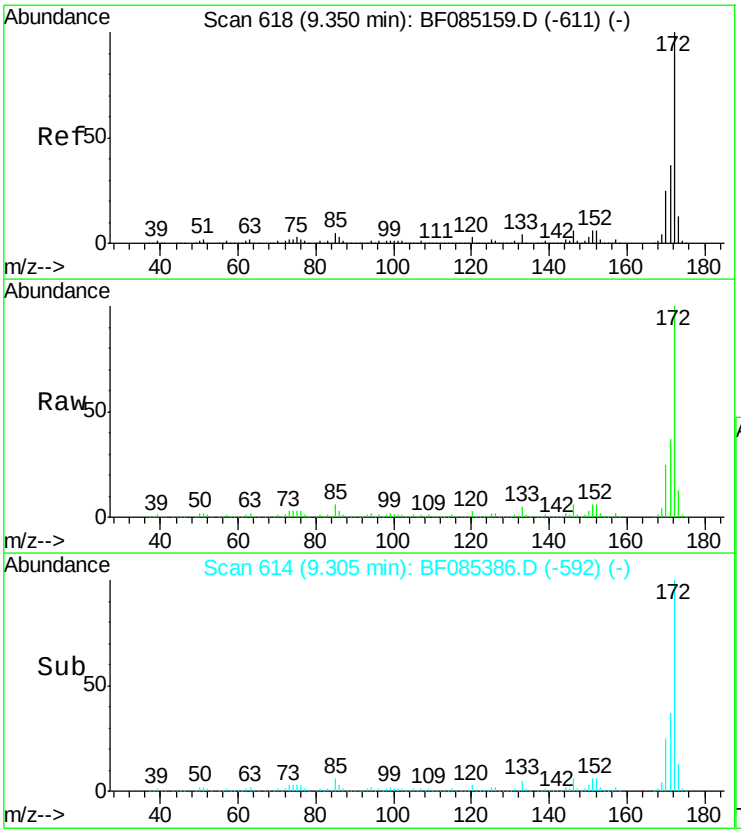
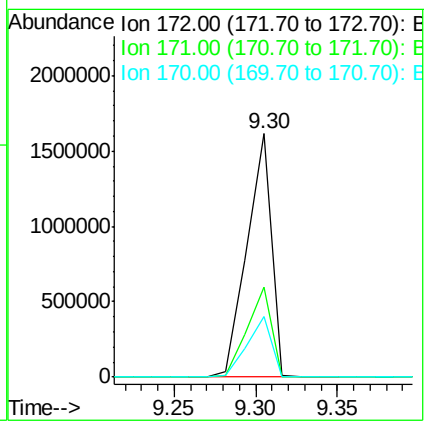
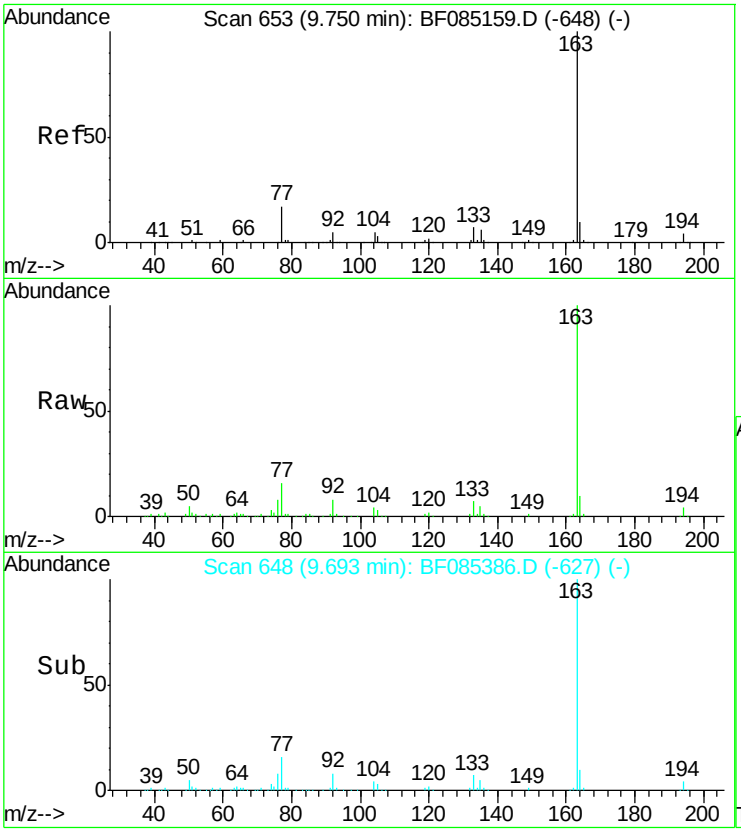


#44
2-Fluorobiphenyl
Concen: 103.20 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:172 Resp: 1678292

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	25.1	20.0	30.0

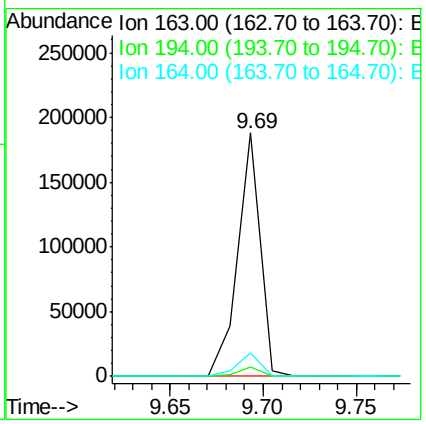




#49
Dimethylphthalate
Concen: 8.40 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:163 Resp: 159398

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.6	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

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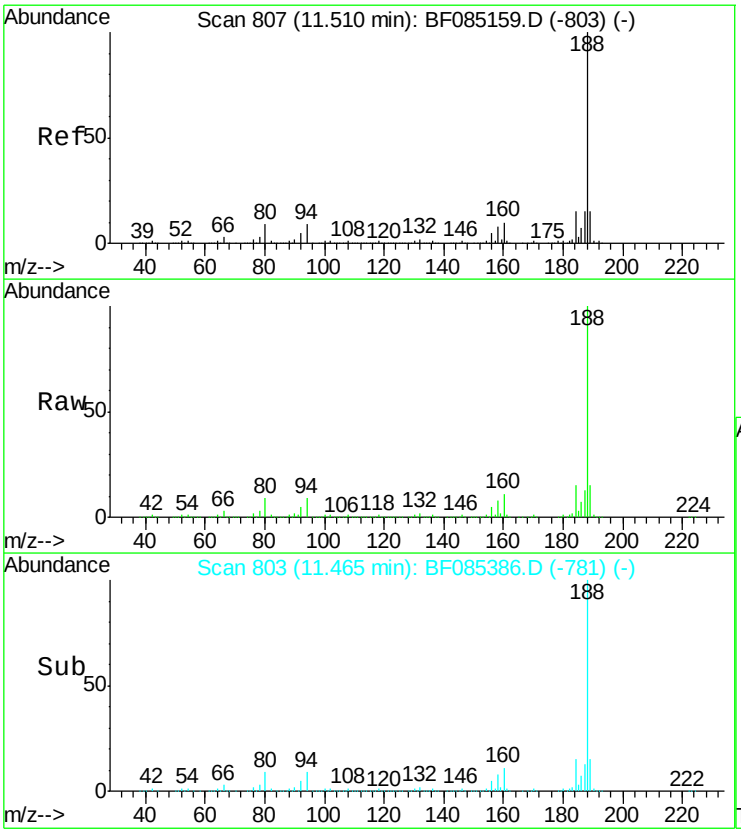
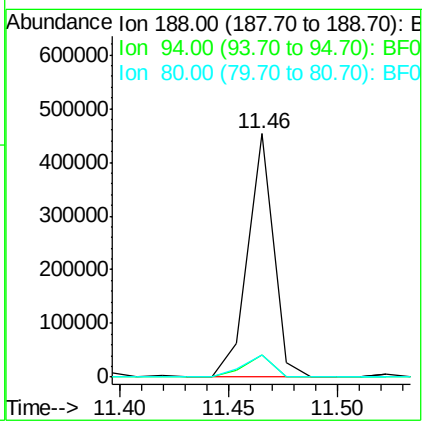
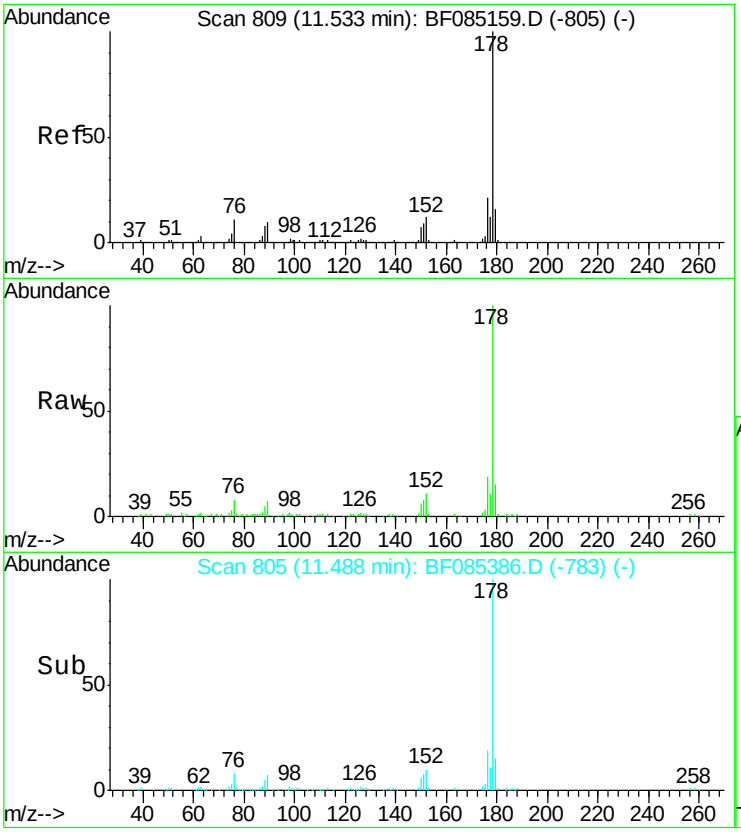


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:188 Resp: 373628

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.3	7.4	11.0

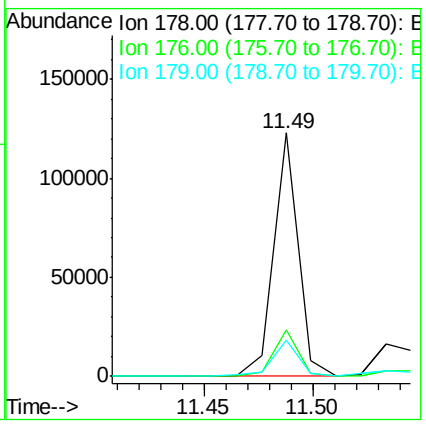




#70
Phenanthrene
Concen: 4.99 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:178 Resp: 97794

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.8	25.2
179	15.0	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

Manual Integrations APPROVED
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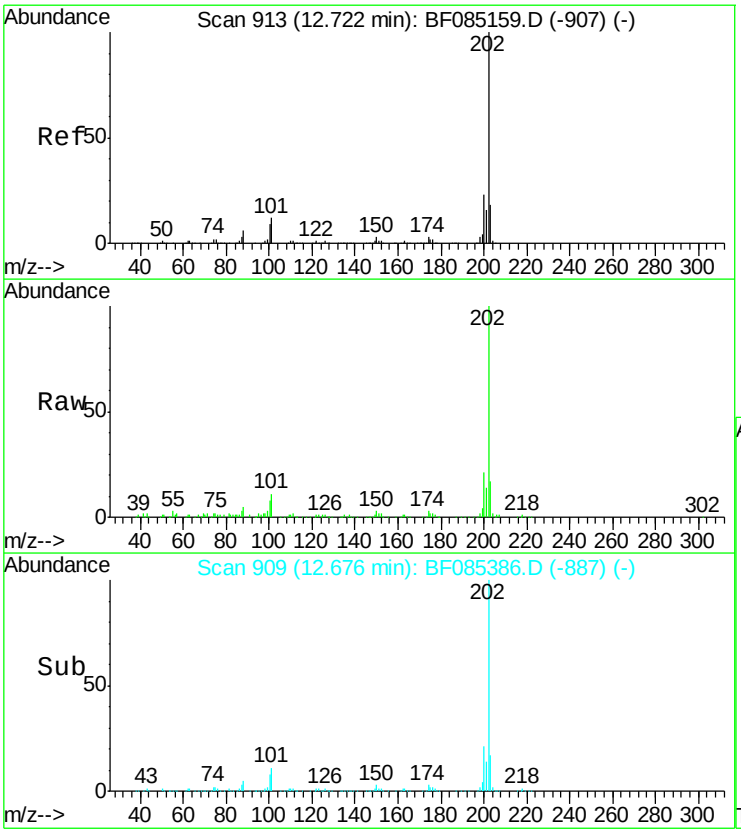
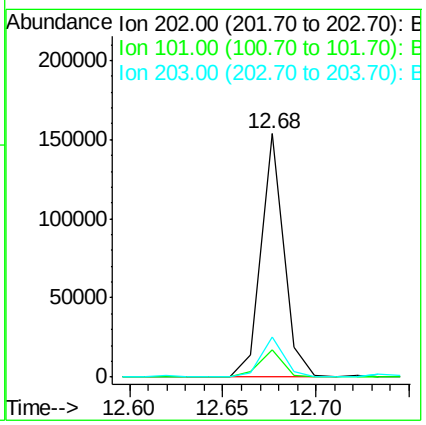
3/14/2016 10:45:35 AM

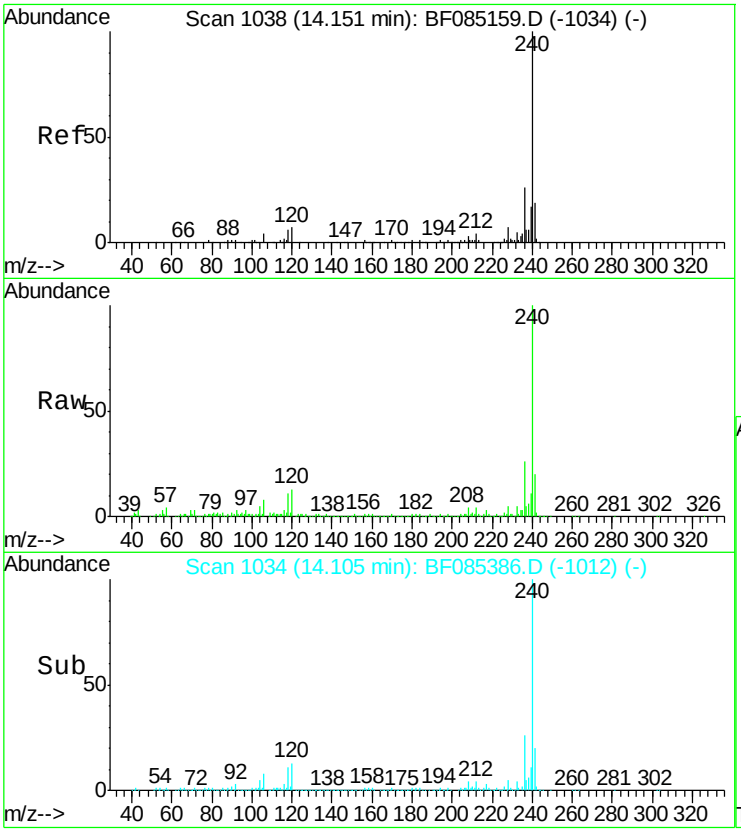


#74
Fluoranthene
Concen: 6.55 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:202 Resp: 128796

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.8
203	16.5	0.0	38.4

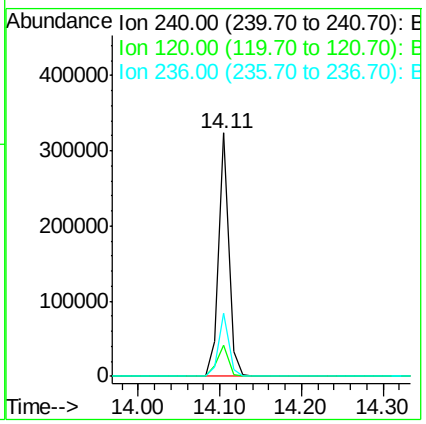




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:240 Resp: 281556

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.3	7.9#
236	25.9	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

Manual Integrations APPROVED
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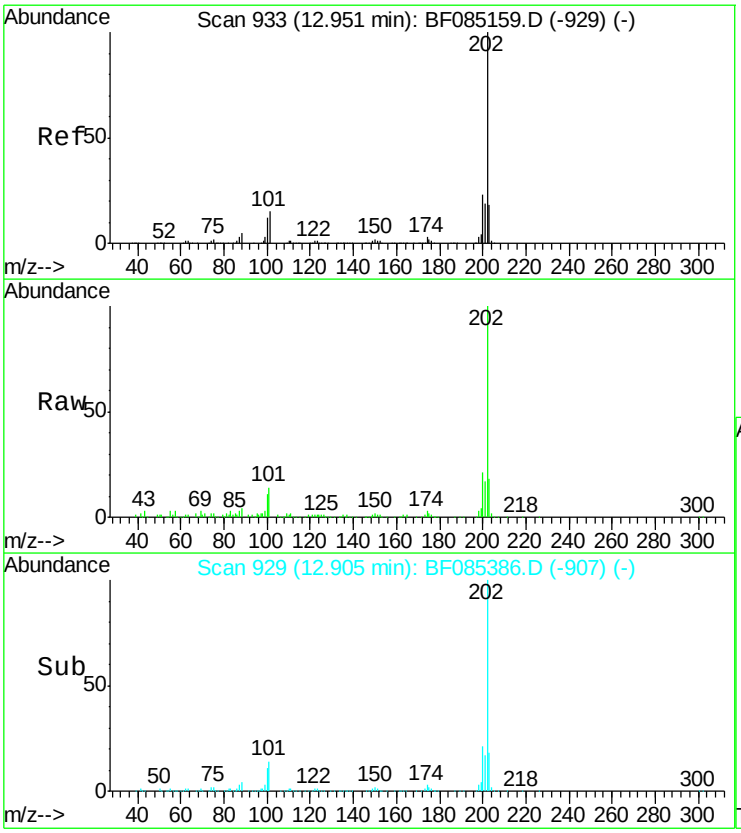
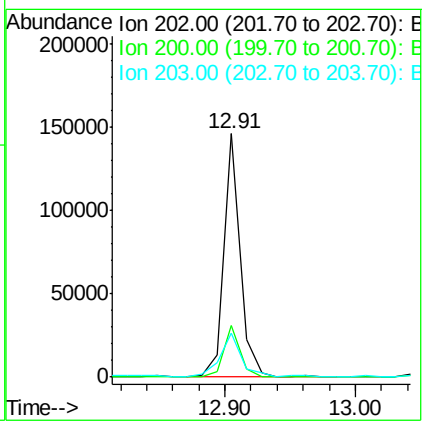
3/14/2016 10:45:35 AM

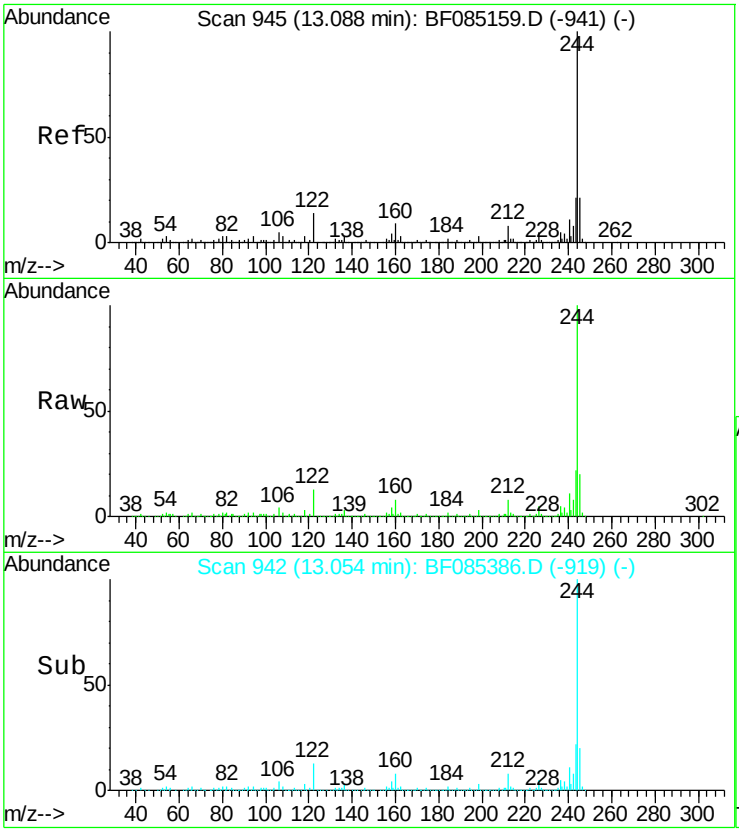


#77
Pyrene
Concen: 6.07 ng
RT: 12.91 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:202 Resp: 128617

Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.2	27.4
203	17.9	14.7	22.1

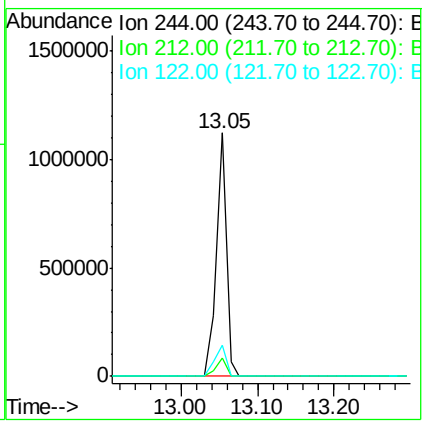




#78
Terphenyl-d14
Concen: 83.80 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

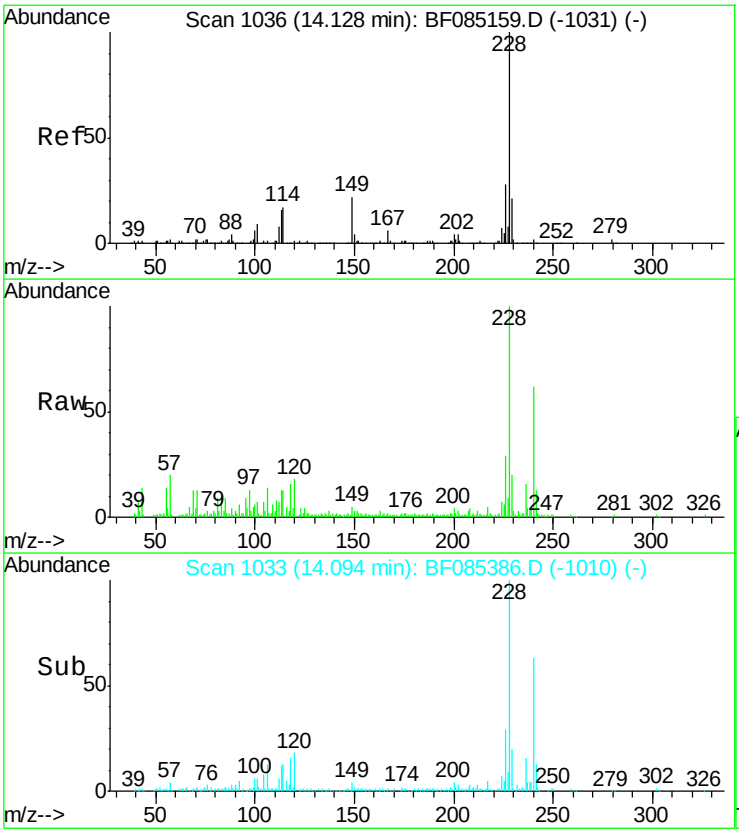
Tgt Ion:244 Resp: 1016399

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	12.9	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

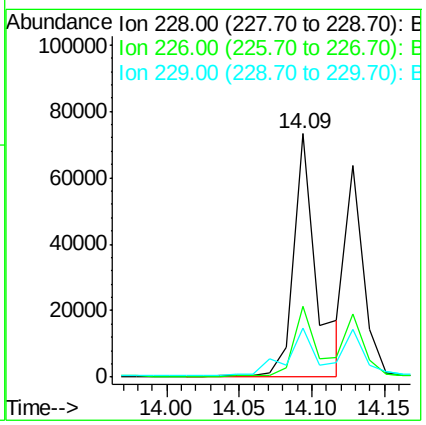
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:35 AM

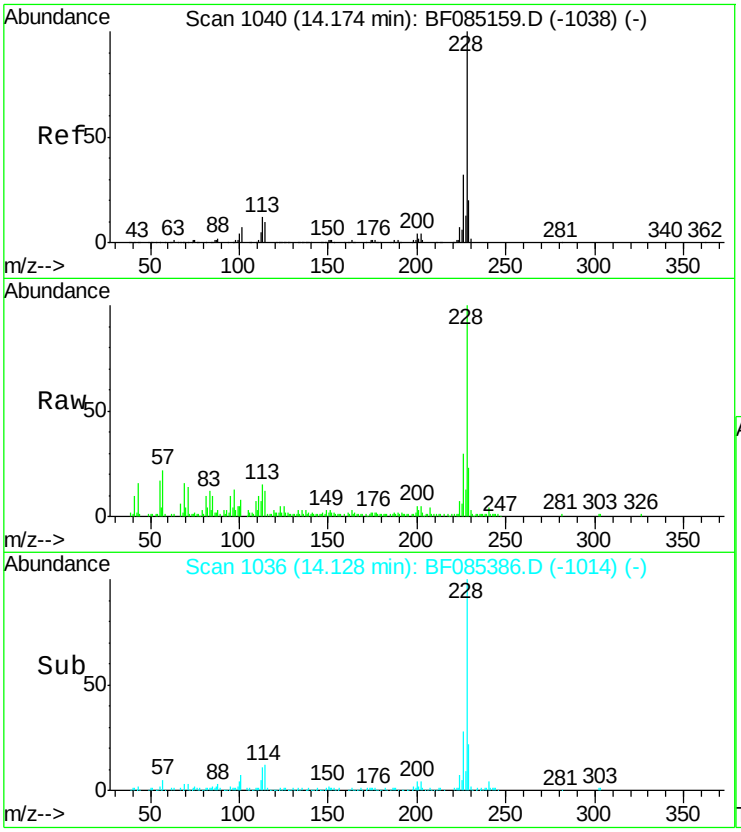


#80
Benzo(a)anthracene
Concen: 4.78 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:228 Resp: 80498

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	20.3	16.6	24.8

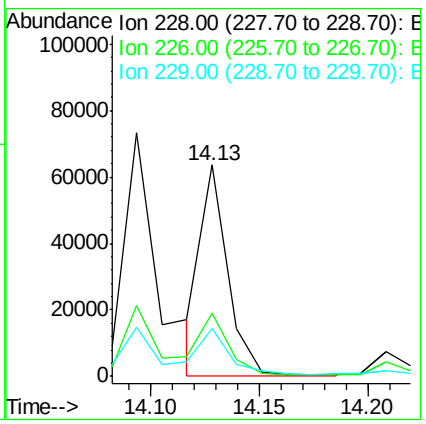




#82
Chrysene
Concen: 3.51 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:228 Resp: 54684

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.2	37.8
229	22.7	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

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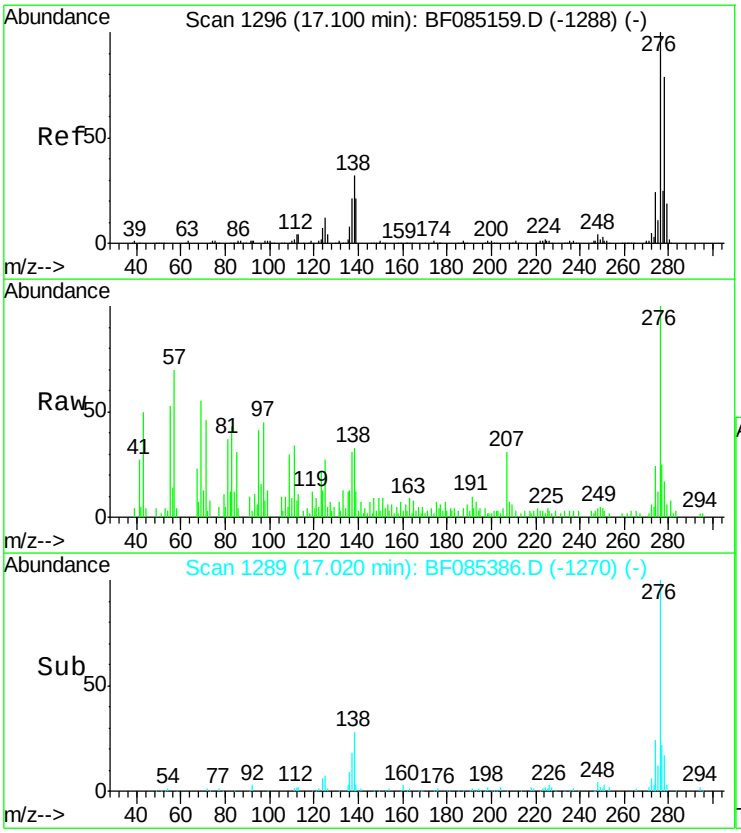
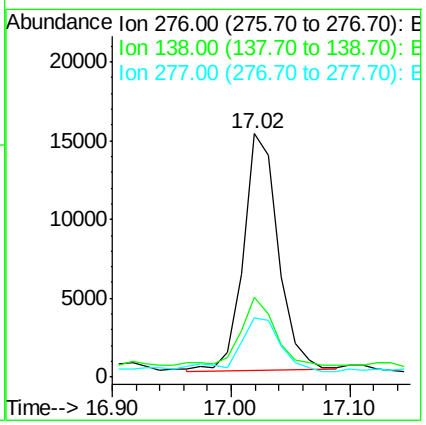
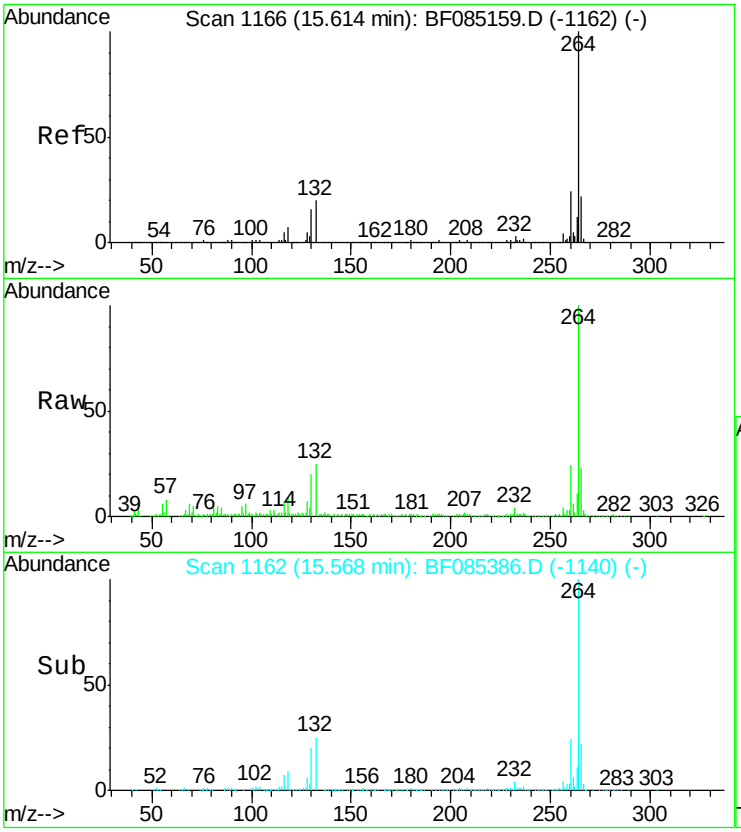


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.55 ng
RT: 17.02 min Scan# 1289
Delta R.T. -0.08 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:276 Resp: 30961

Ion	Ratio	Lower	Upper
276	100		
138	28.5	26.4	39.6
277	33.3	20.2	30.2#

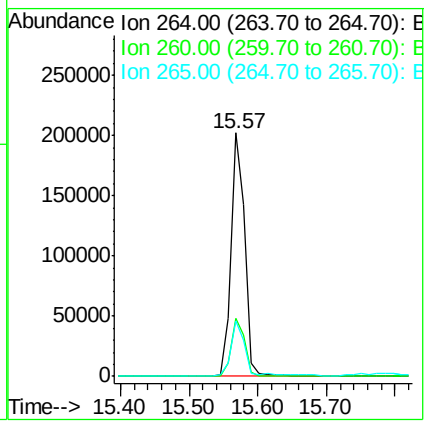




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

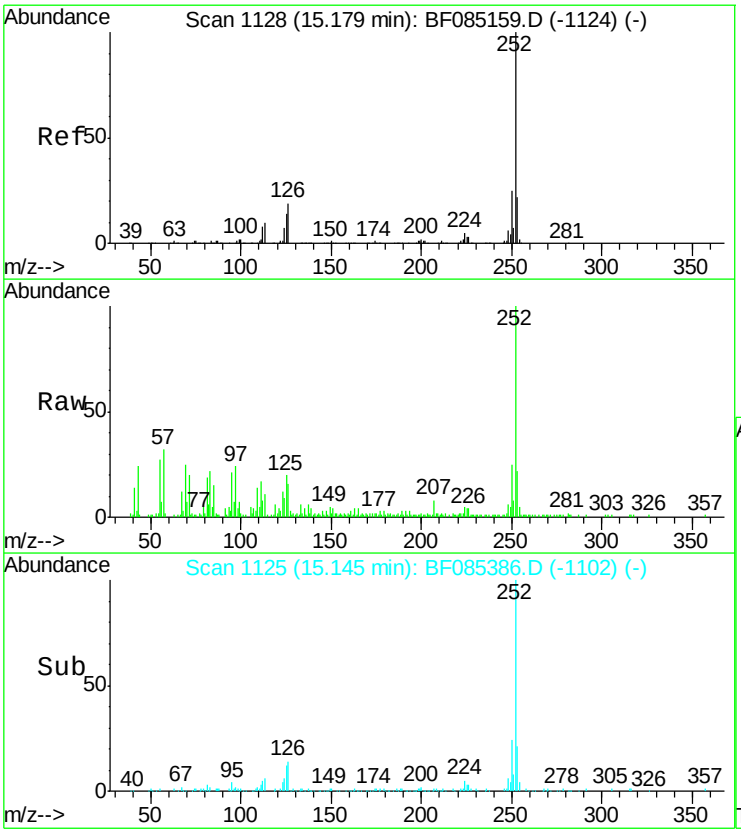
Tgt Ion:264 Resp: 286901

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.7	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

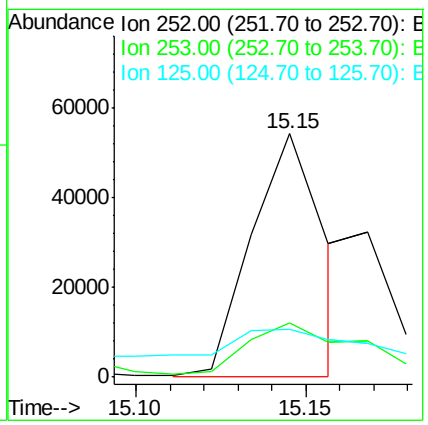
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:35 AM

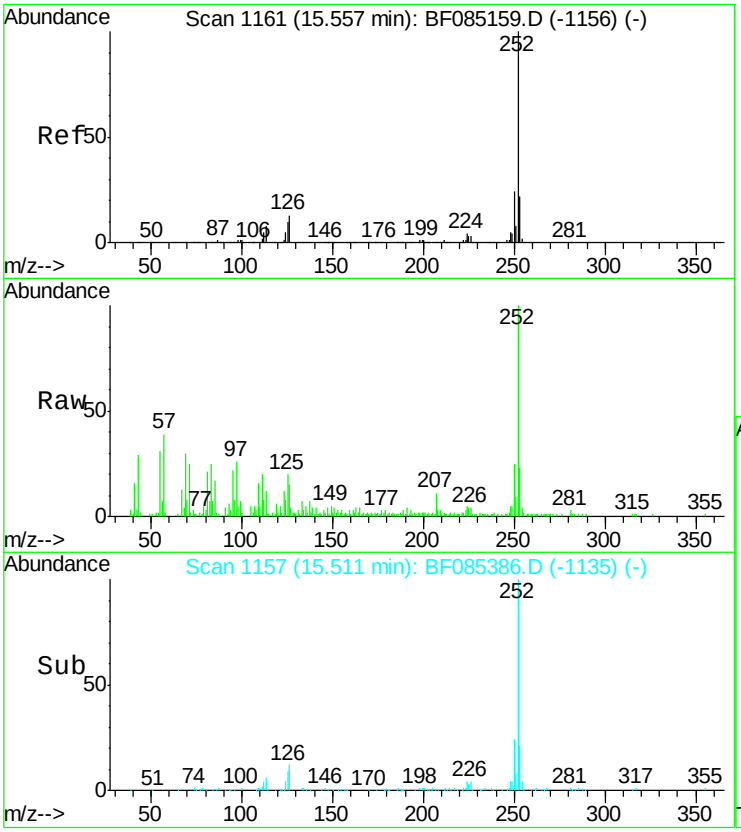


#87
Benzo(b)fluoranthene
Concen: 4.21 ng m
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:252 Resp: 80548

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	19.8	11.3	16.9#





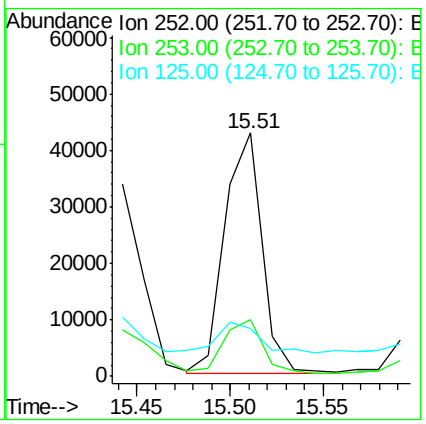
#89
Benzo(a)pyrene
Concen: 3.81 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

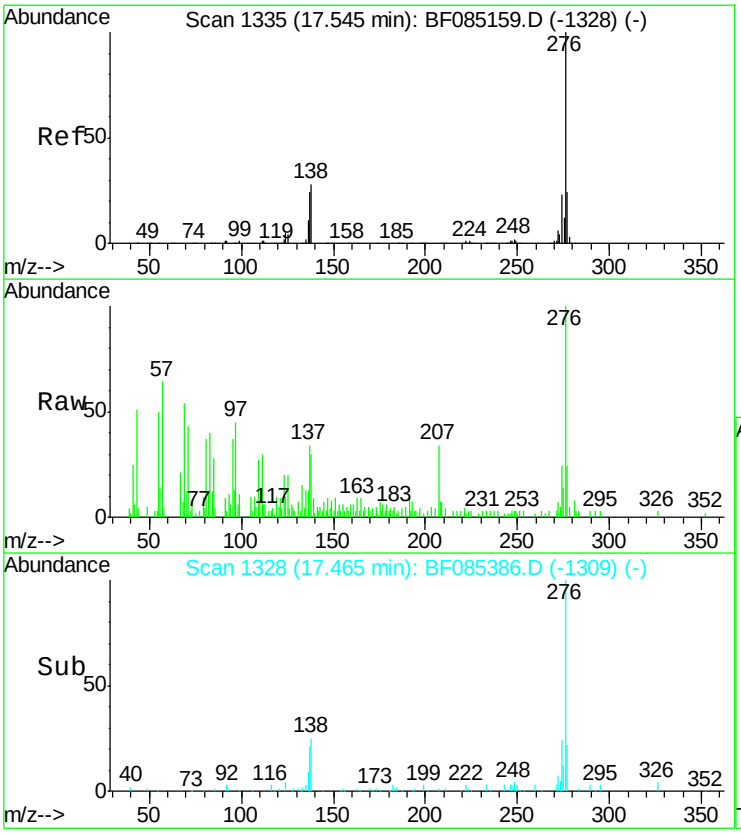
Tgt Ion:252 Resp: 60406

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	19.5	8.2	12.4#

Instrument :
BNA_F
ClientSampleId :
POST-EX-18-20160310

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:35 AM





#91
Benzo(g,h,i)perylene
Concen: 2.32 ng
RT: 17.47 min Scan# 1328
Delta R.T. -0.08 min
Lab File: BF085386.D
Acq: 11 Mar 2016 21:55

Tgt Ion:276 Resp: 31621

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	30.1	22.5	33.7