Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085645.D
Acq On : 22 Mar 2016 4:21
Operator : UM/SJ
Sample : H1840-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

Manual Integrations APPROVED
Sohil
3/22/2016 5:34:42 PM

Quant Time: Mar 22 05:51:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	117411	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	458269	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	180429	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	295455	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	218215	20.00	ng	-0.02
86) Perylene-d12	15.42	264	226583	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	792362	113.35	ng	-0.01
7) Phenol-d6	6.48	99	1112982	124.14	ng	-0.01
23) Nitrobenzene-d5	7.41	82	646603	81.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	185341	104.87	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	933703	89.45	ng	-0.02
78) Terphenyl-d14	12.95	244	616971	68.04	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	211730	15.55	ng	98
70) Phenanthrene	11.38	178	113279	7.27	ng	98
74) Fluoranthene	12.57	202	170884	10.48	ng	91
77) Pyrene	12.80	202	179195	11.44	ng	99
80) Benzo(a)anthracene	13.98	228	95305	7.52	ng	95
82) Chrysene	14.03	228	86102	7.06	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	43191	4.24	ng	94
87) Benzo(b)fluoranthene	15.01	252	123640m	8.36	ng	
88) Benzo(k)fluoranthene	15.03	252	30563m	2.51	ng	
89) Benzo(a)pyrene	15.36	252	80168	6.40	ng	98
91) Benzo(g,h,i)perylene	17.23	276	40302	3.98	ng	98

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085645.D
Acq On : 22 Mar 2016 4:21
Operator : UM/SJ
Sample : H1840-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 22 05:51:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

Manual Integrations APPROVED
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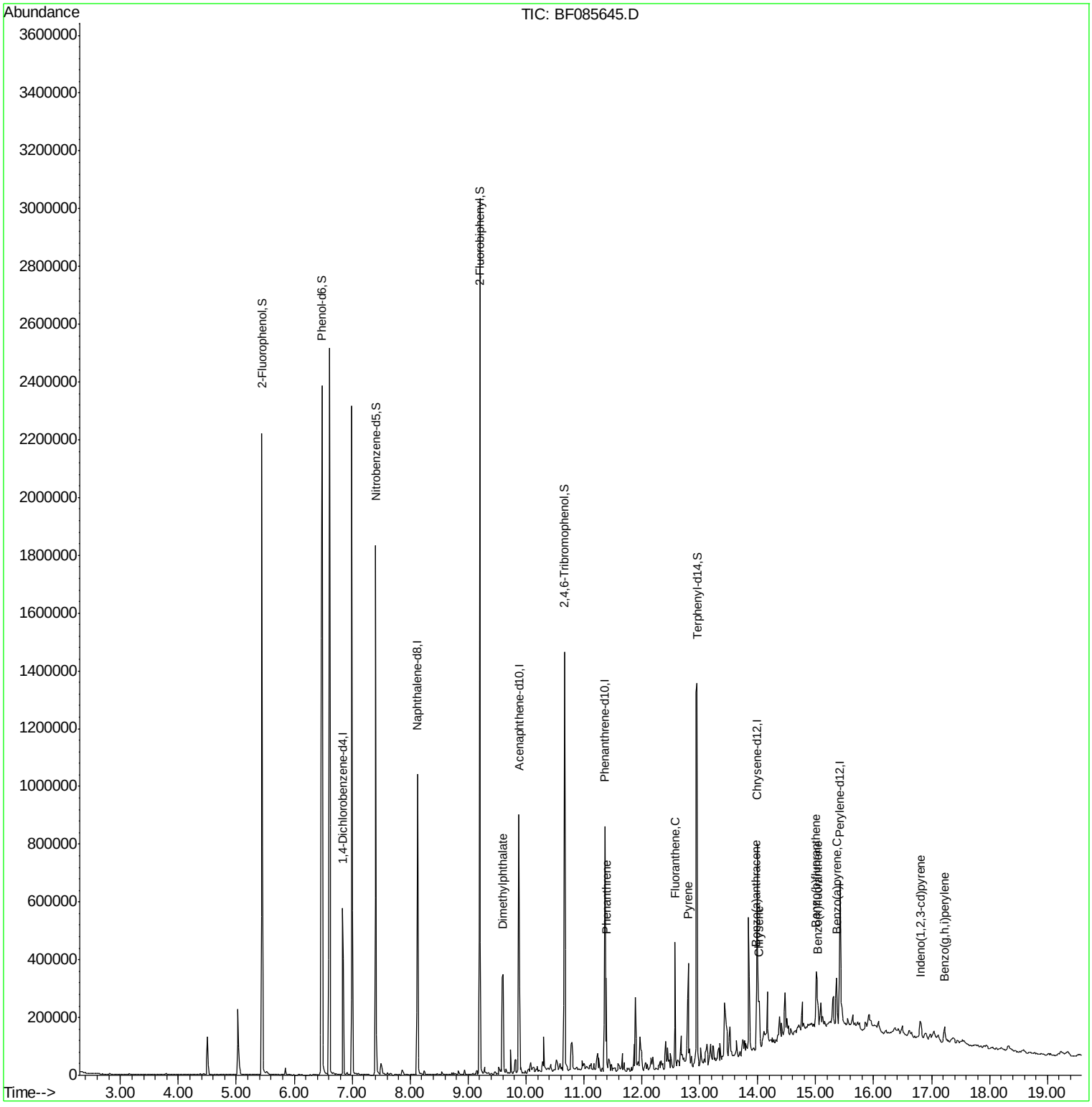
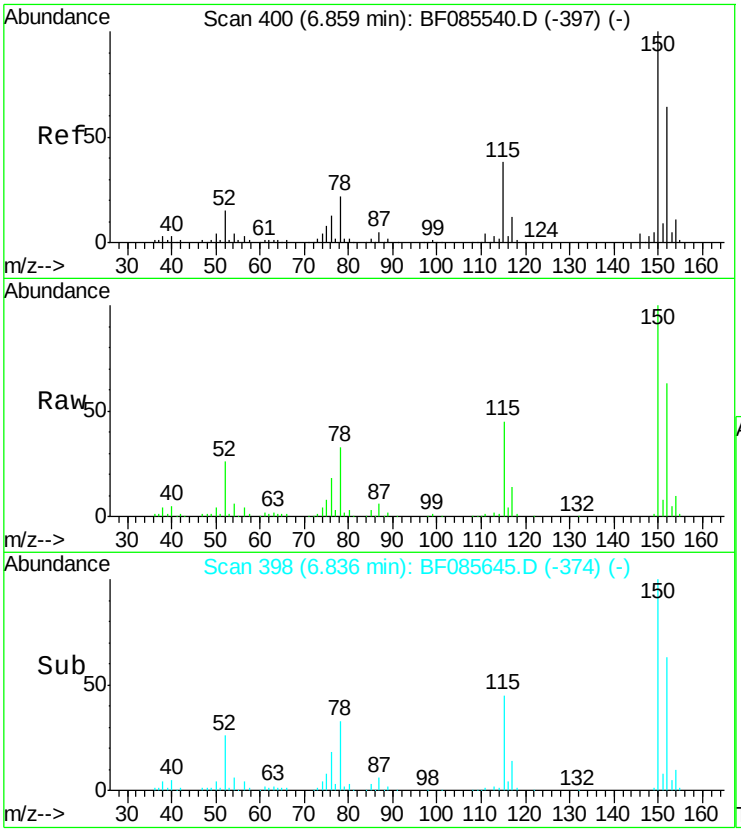
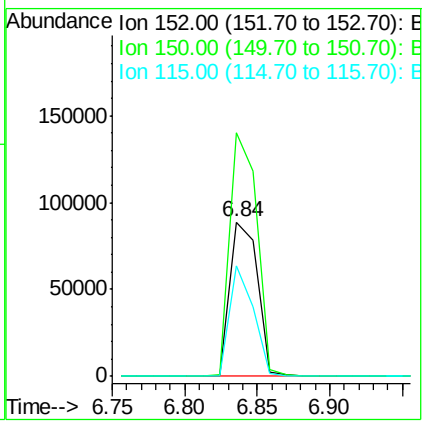




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:152 Resp: 117411

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.2	186.2
115	71.2	47.0	70.6#



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

Manual Integrations APPROVED
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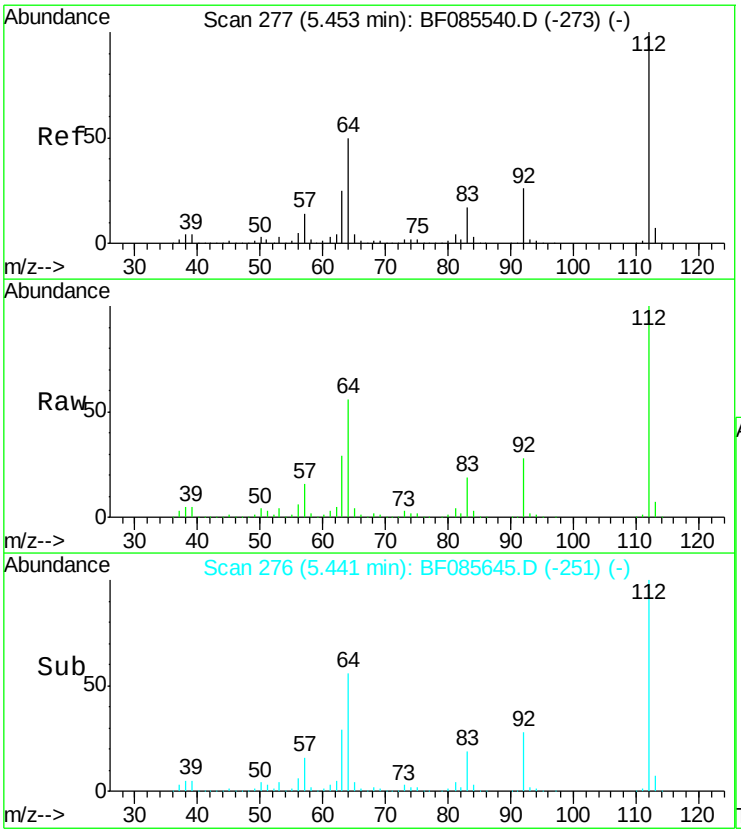
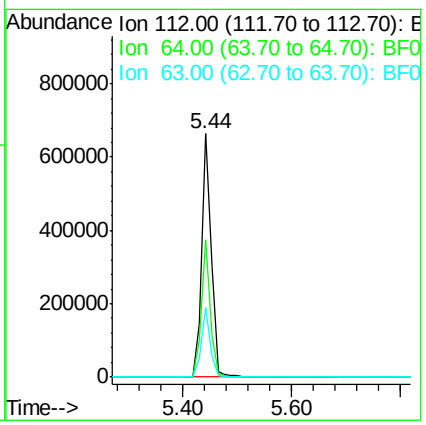
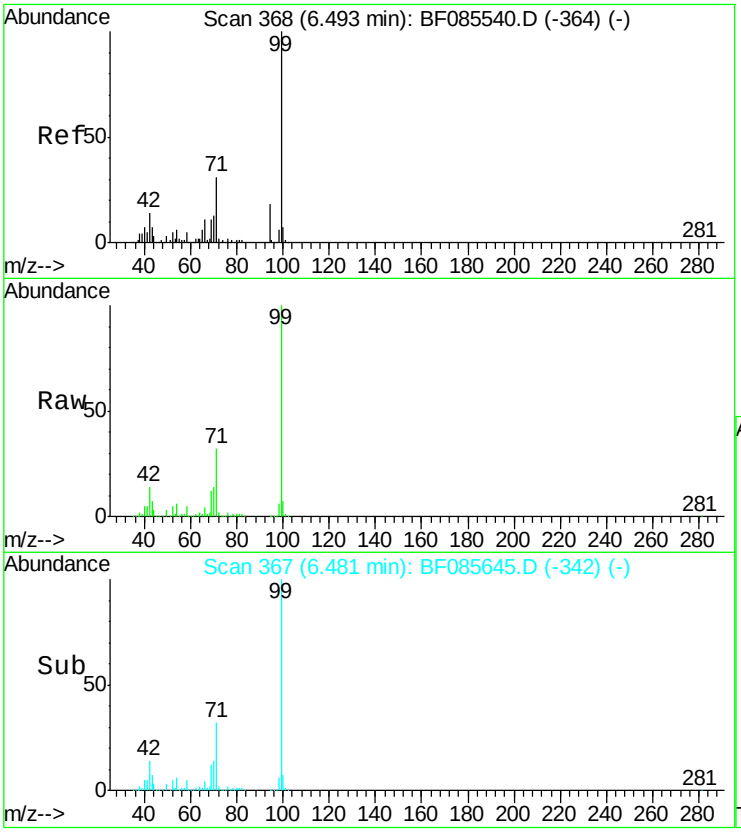


#5
2-Fluorophenol
Concen: 113.35 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:112 Resp: 792362

Ion	Ratio	Lower	Upper
112	100		
64	56.2	39.9	59.9
63	28.5	20.2	30.2

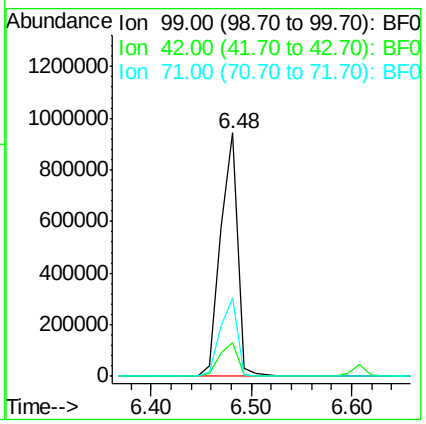




#7
Phenol-d6
Concen: 124.14 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion: 99 Resp: 1112982

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.1	16.7
71	32.3	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

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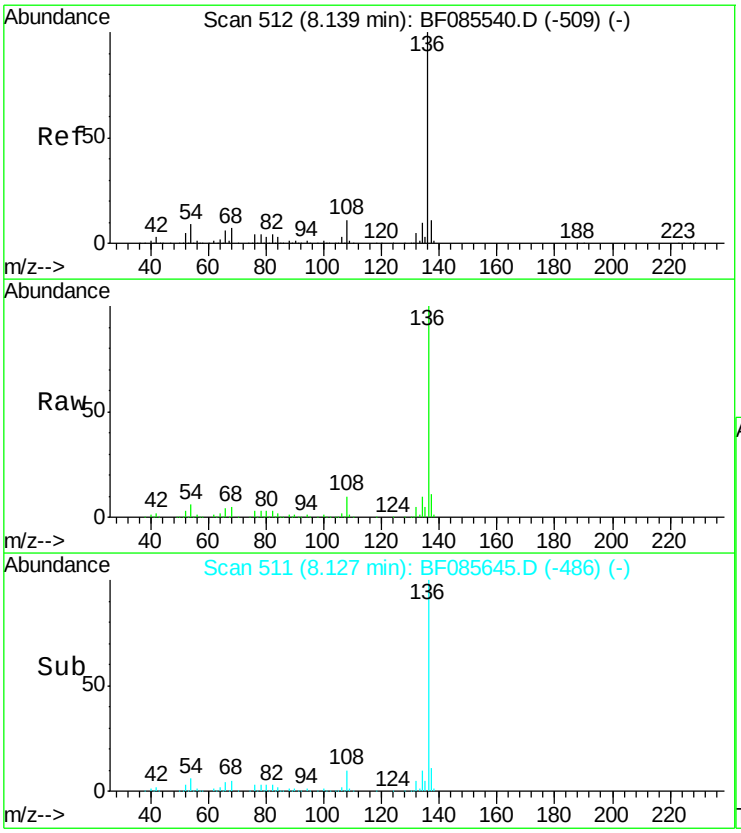
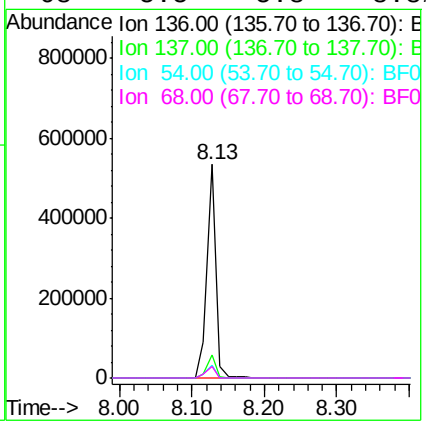
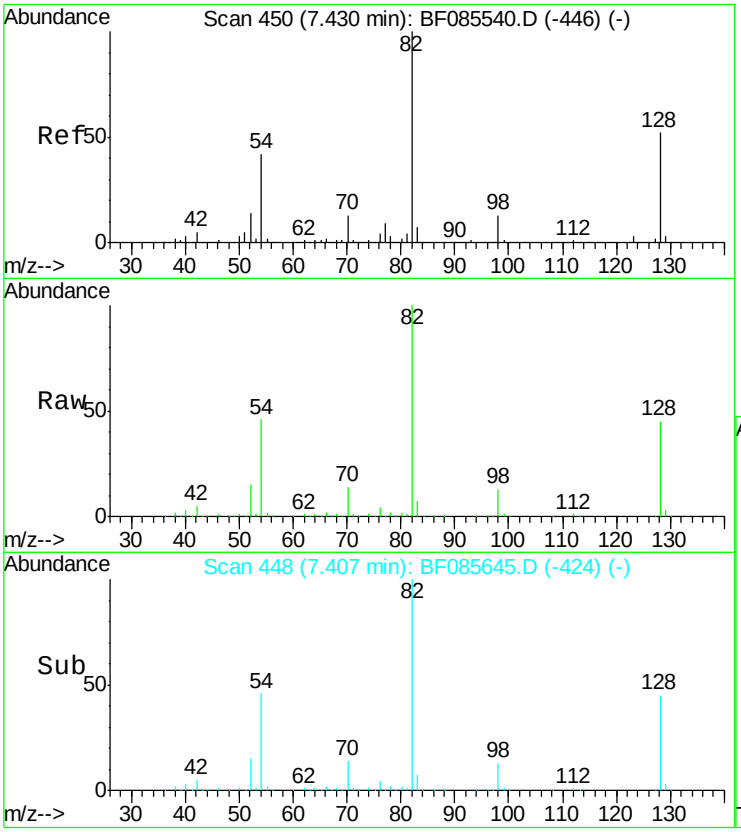


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:136 Resp: 458269

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.2	7.4	11.0#
68	5.5	5.8	8.8#

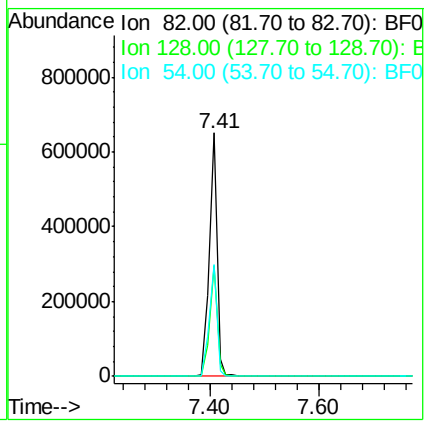




#23
Nitrobenzene-d5
Concen: 81.90 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion: 82 Resp: 646603

Ion	Ratio	Lower	Upper
82	100		
128	45.5	41.8	62.8
54	46.1	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

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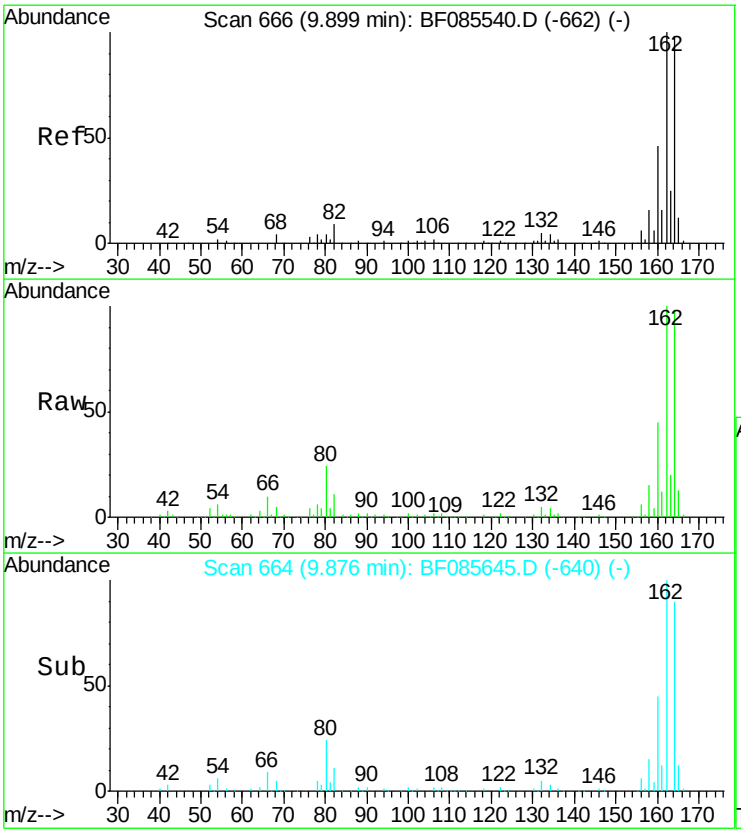
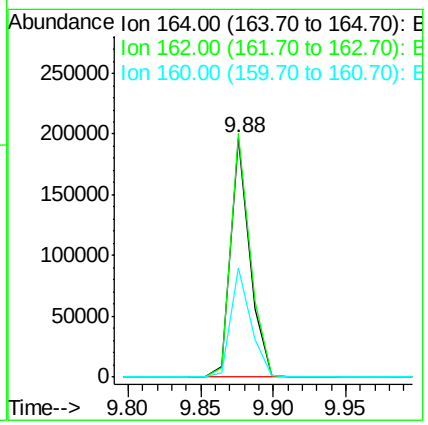
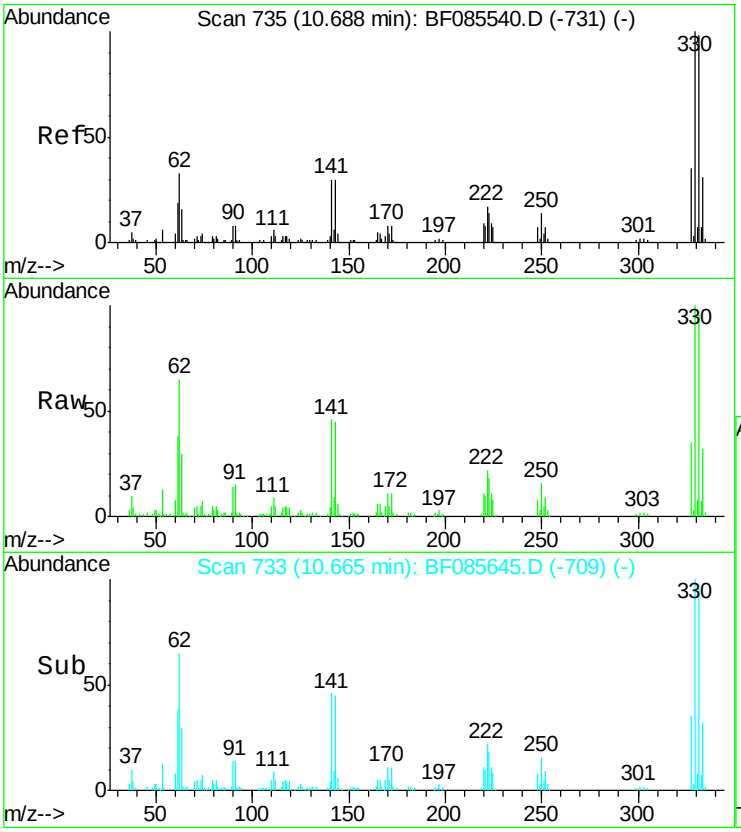


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:164 Resp: 180429

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.1	123.1
160	45.9	37.4	56.2

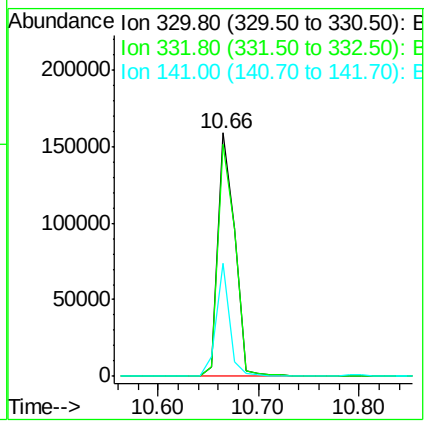




#41
2,4,6-Tribromophenol
Concen: 104.87 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:330 Resp: 185341

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	37.9	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

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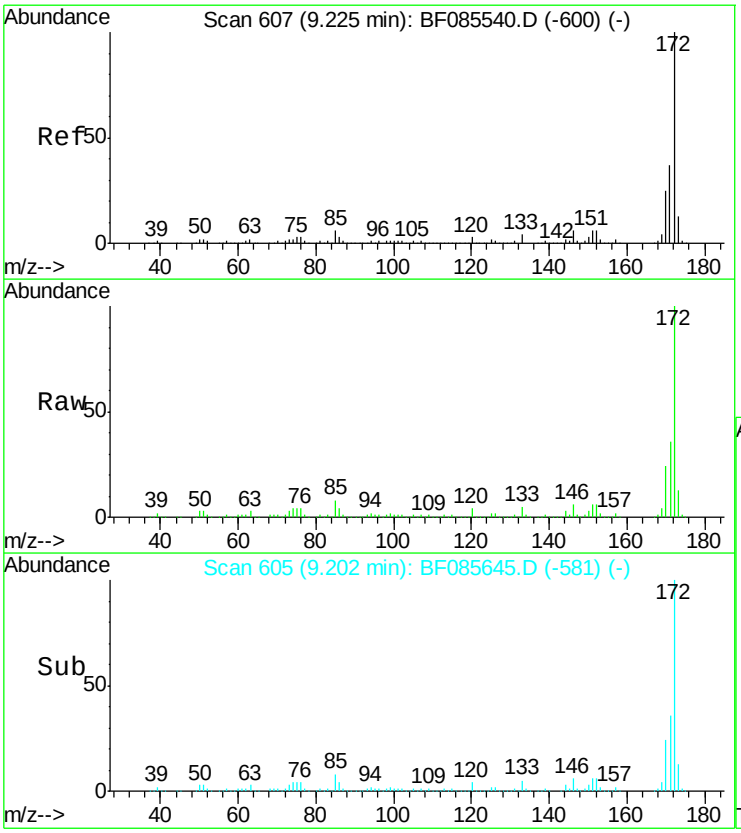
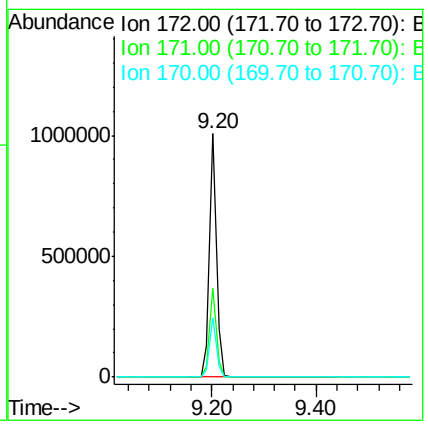
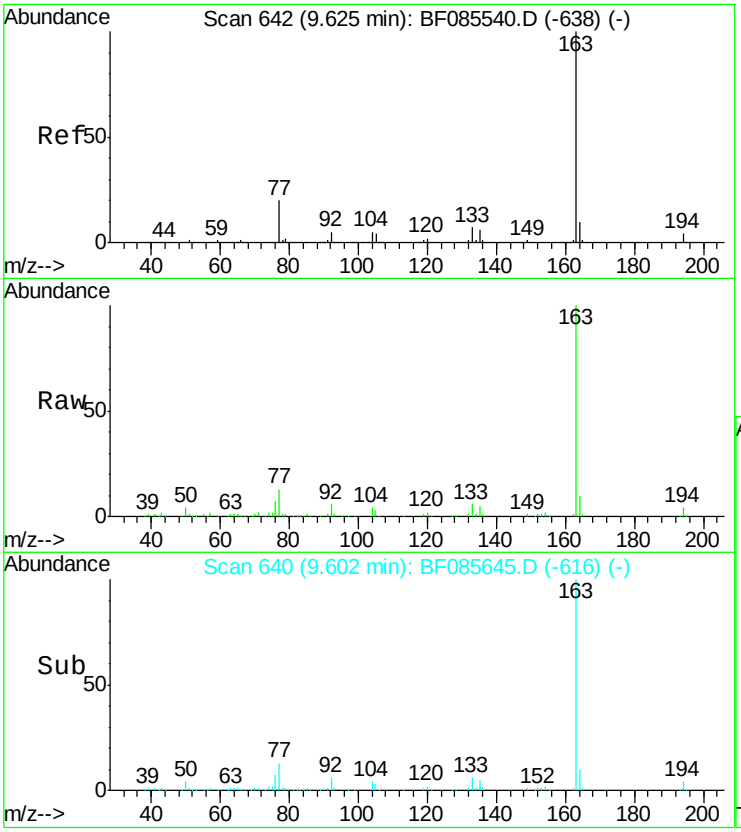


#44
2-Fluorobiphenyl
Concen: 89.45 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:172 Resp: 933703

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.2	19.8	29.6

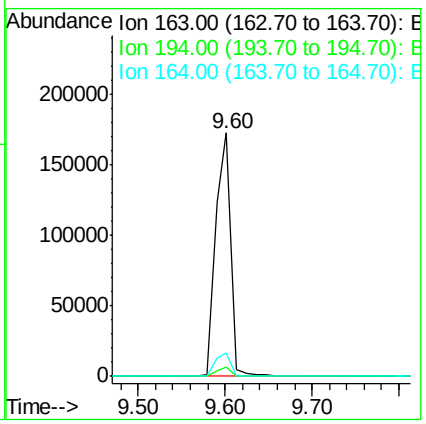




#49
Dimethylphthalate
Concen: 15.55 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:163 Resp: 211730

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	9.6	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

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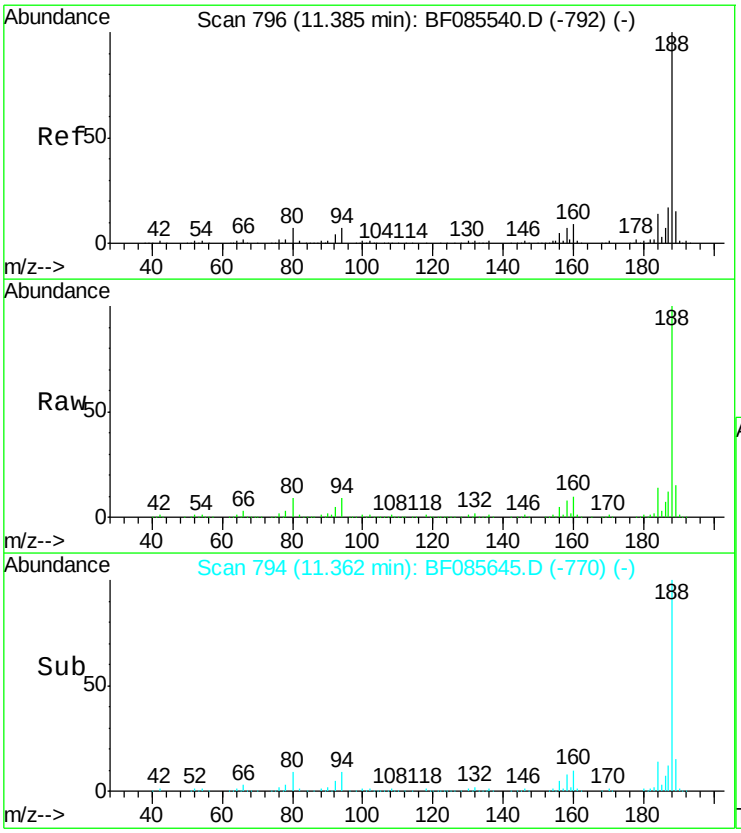
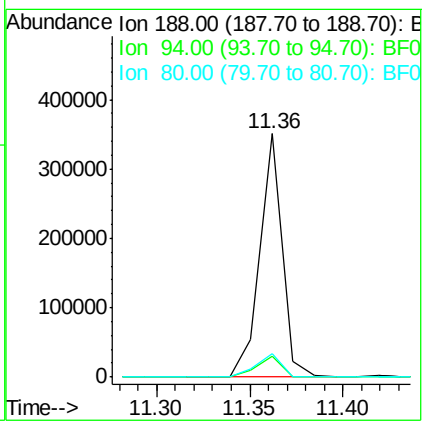
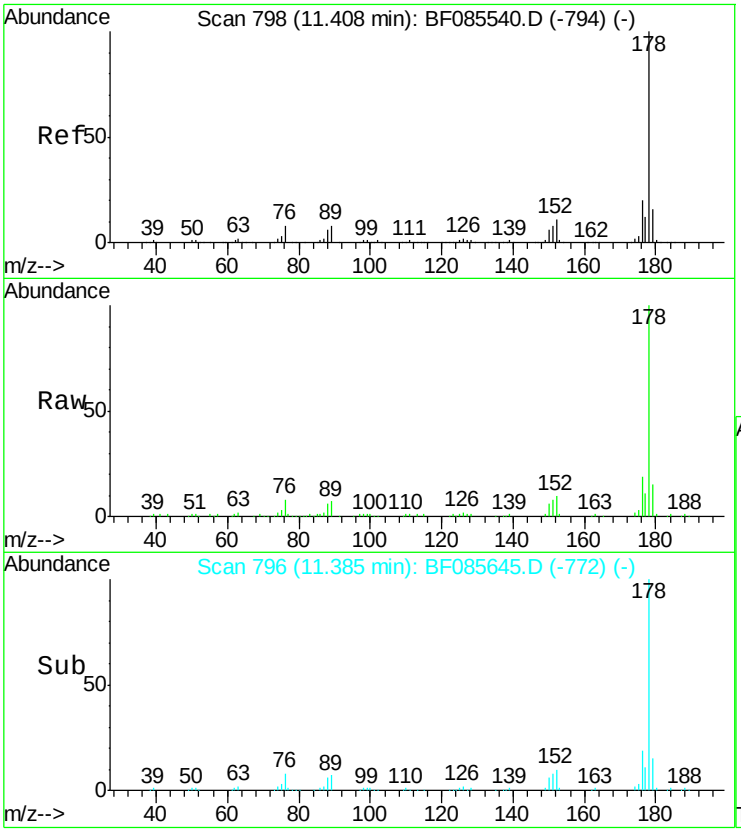


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:188 Resp: 295455

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	9.4	5.5	8.3#

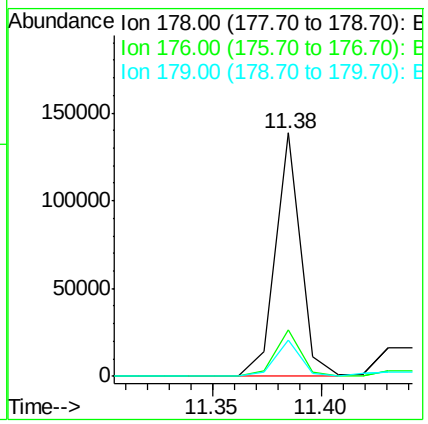




#70
Phenanthrene
Concen: 7.27 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:178 Resp: 113279

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	14.8	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

Manual Integrations APPROVED
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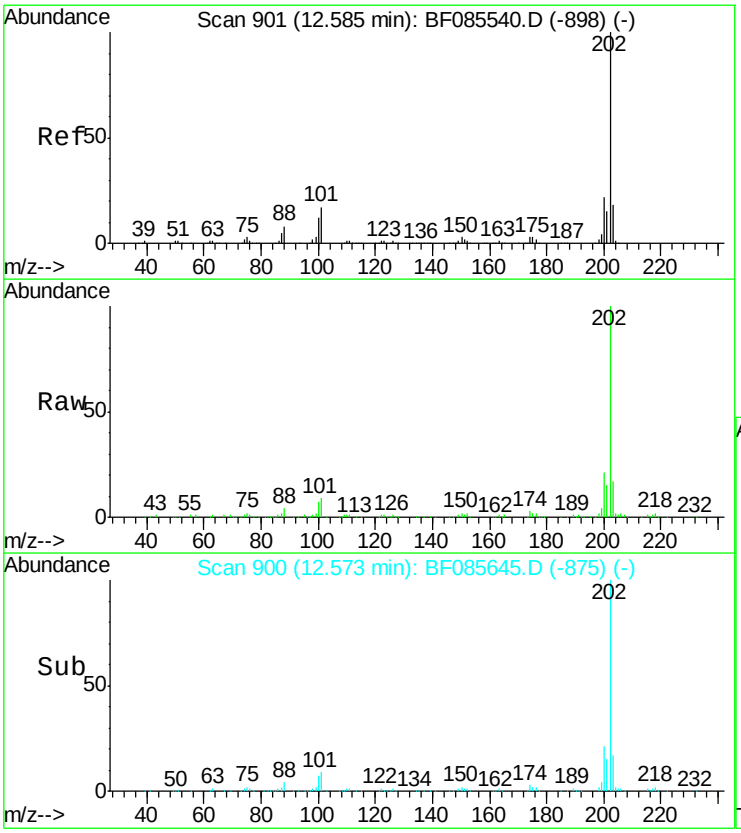
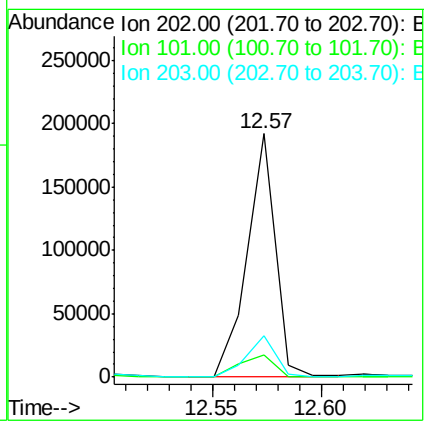
3/22/2016 5:34:42 PM

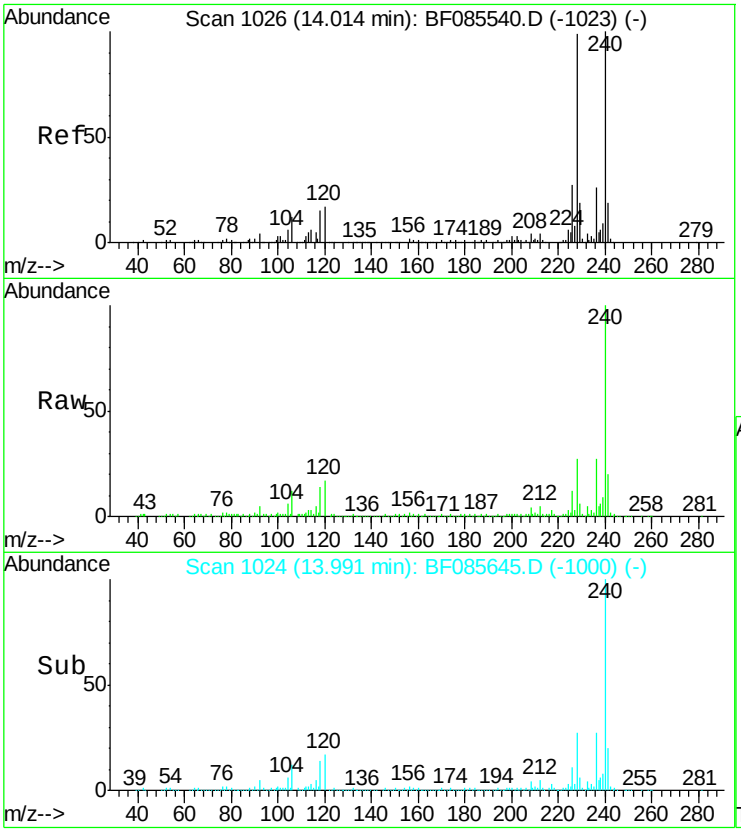


#74
Fluoranthene
Concen: 10.48 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:202 Resp: 170884

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	36.6
203	17.0	0.0	38.1

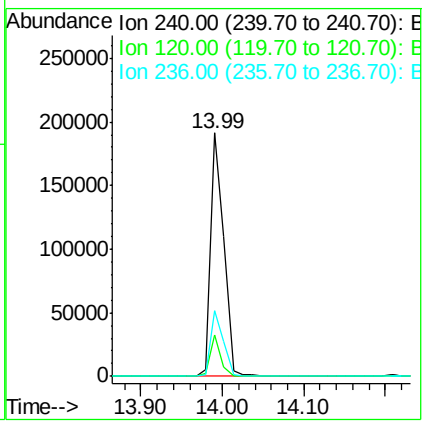




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:240 Resp: 218215

Ion	Ratio	Lower	Upper
240	100		
120	17.0	13.8	20.8
236	26.8	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

Manual Integrations APPROVED
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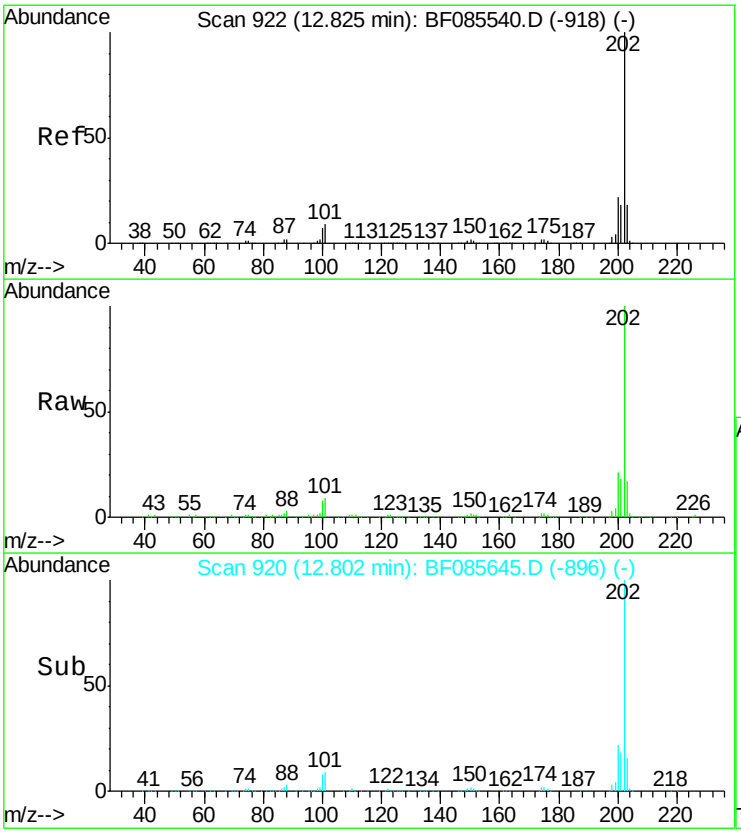
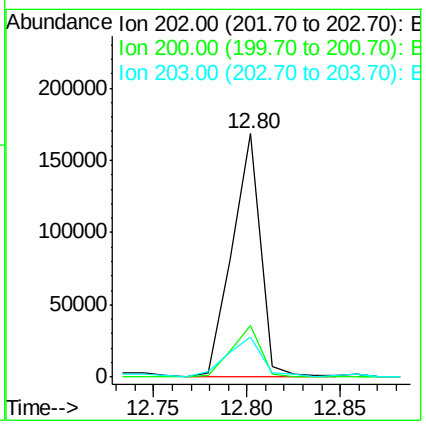
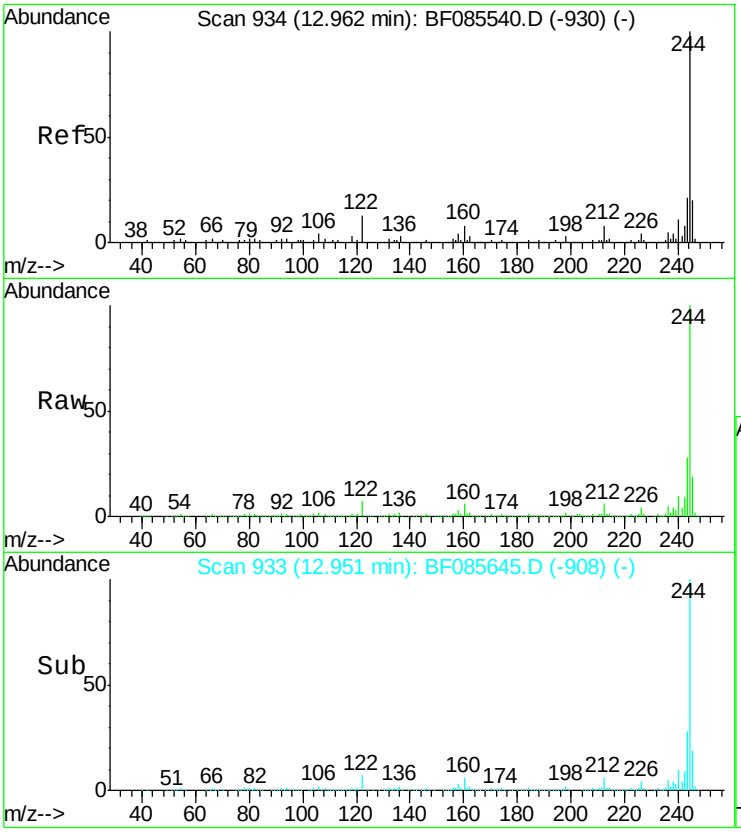


#77
Pyrene
Concen: 11.44 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:202 Resp: 179195

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	16.7	14.0	21.0

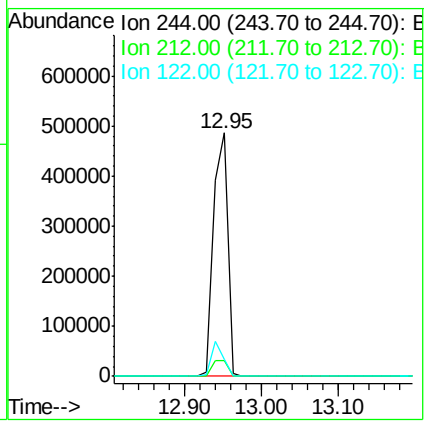




#78
Terphenyl-d14
Concen: 68.04 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

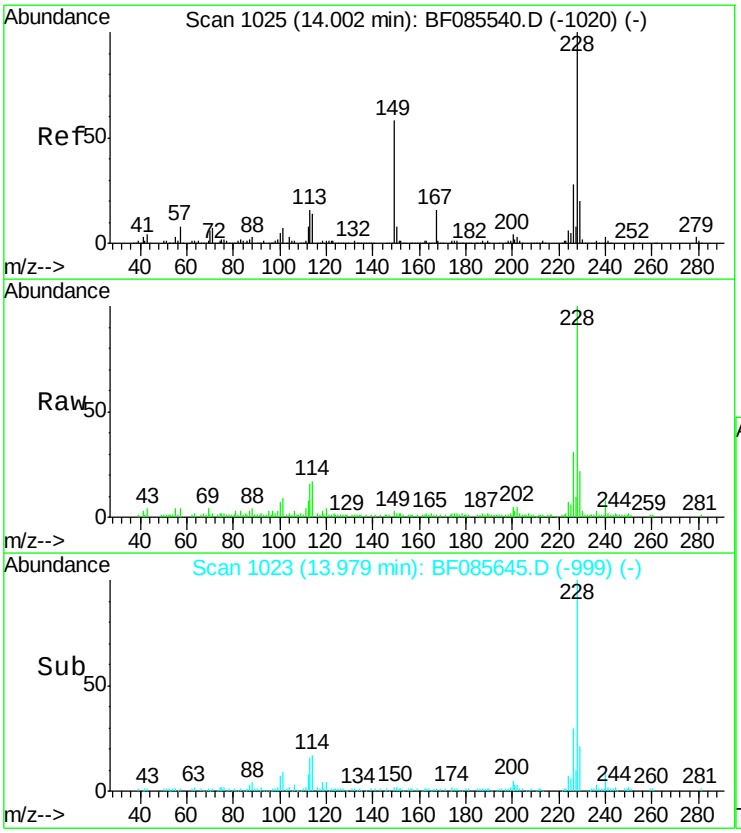
Tgt Ion:244 Resp: 616971

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.1	9.1
122	6.8	10.2	15.4#



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

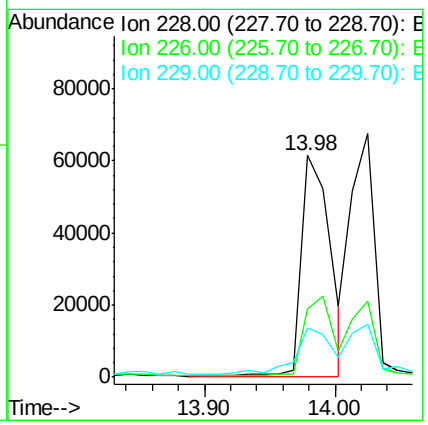
Manual Integrations APPROVED
Sohil
3/22/2016 5:34:42 PM

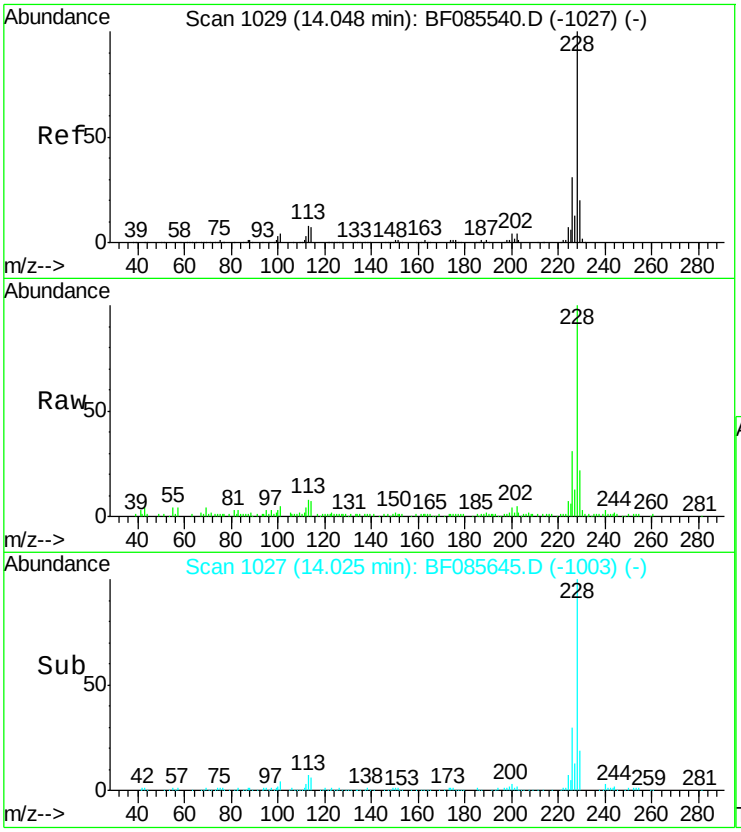


#80
Benzo(a)anthracene
Concen: 7.52 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:228 Resp: 95305

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.1	33.1
229	22.2	16.2	24.4

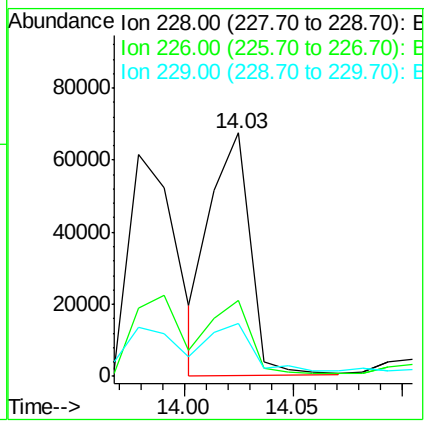




#82
Chrysene
Concen: 7.06 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:228 Resp: 86102

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.6	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

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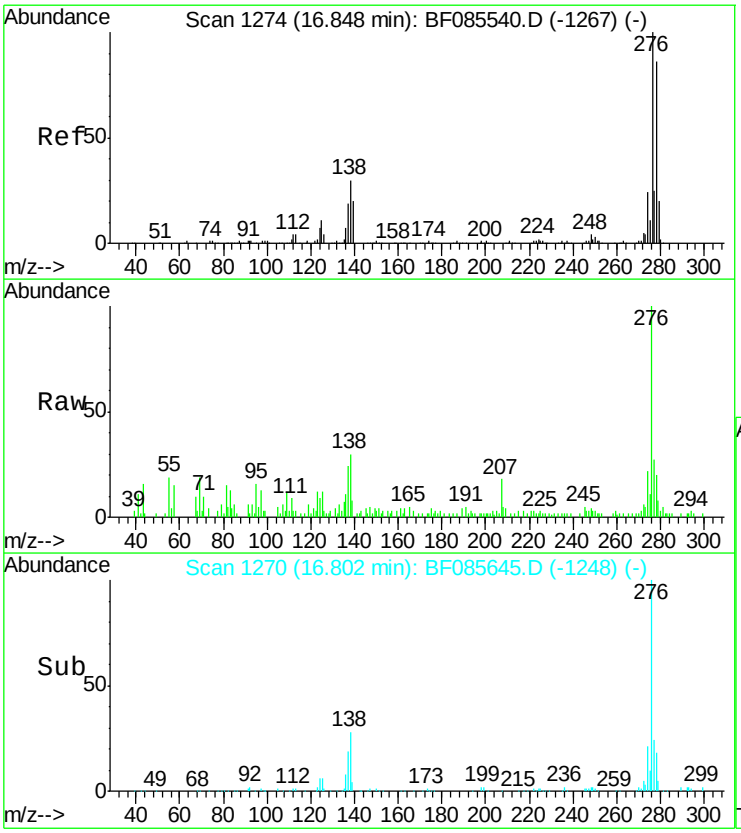
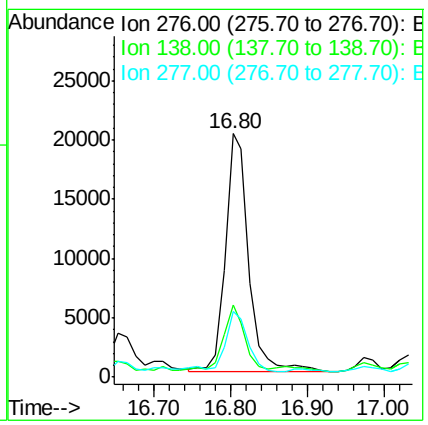
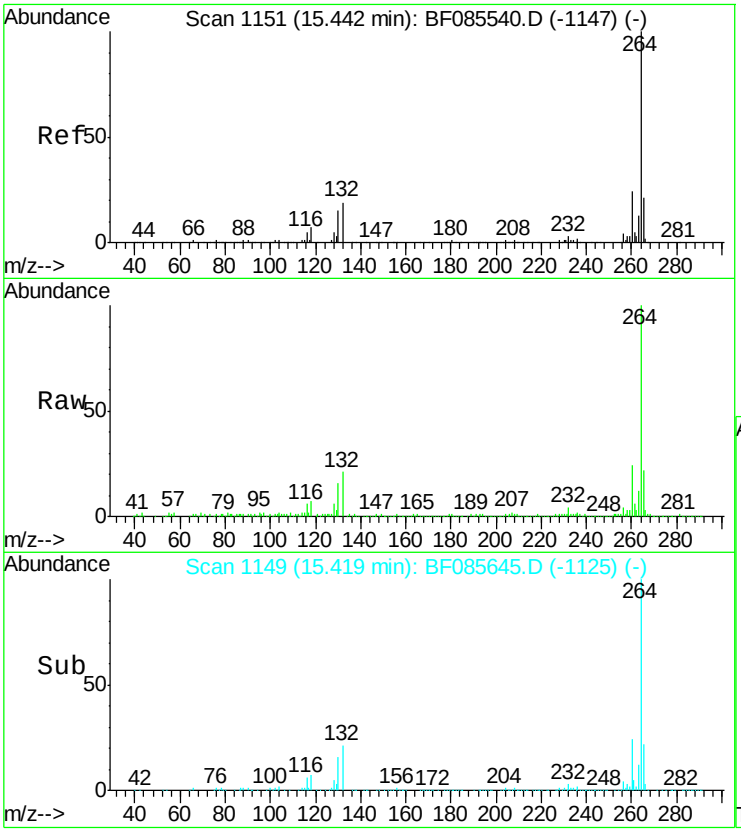


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.24 ng
RT: 16.80 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:276 Resp: 43191

Ion	Ratio	Lower	Upper
276	100		
138	24.3	24.2	36.4
277	25.3	20.0	30.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:264 Resp: 226583

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.3	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

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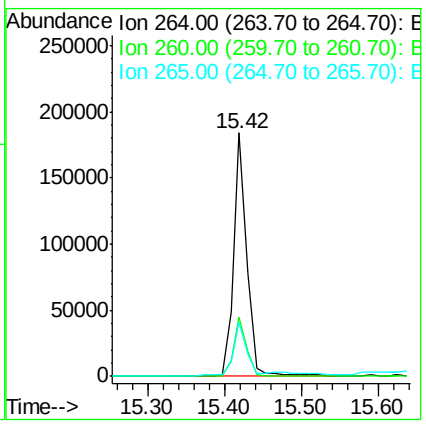
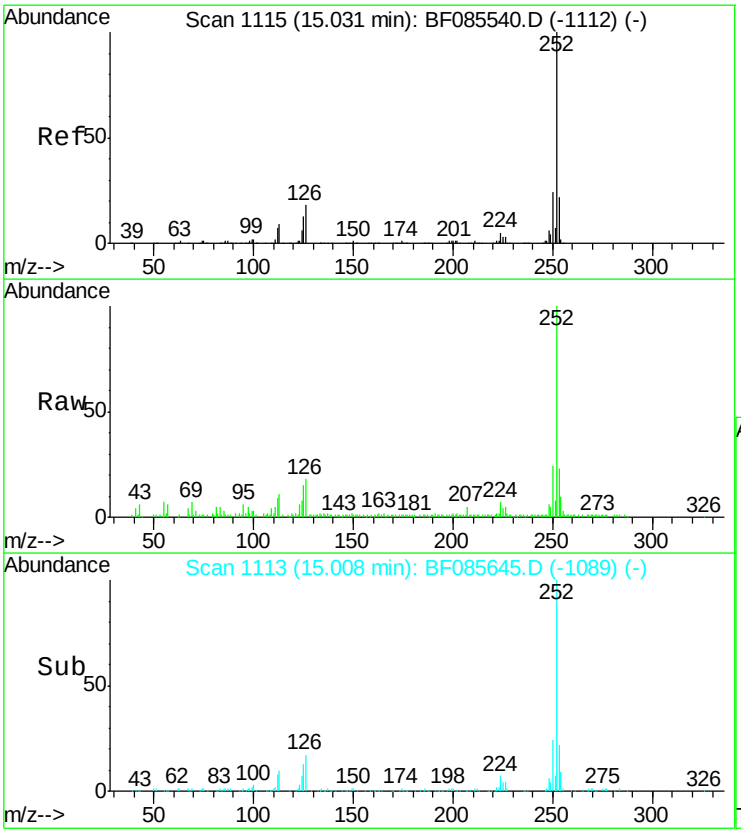
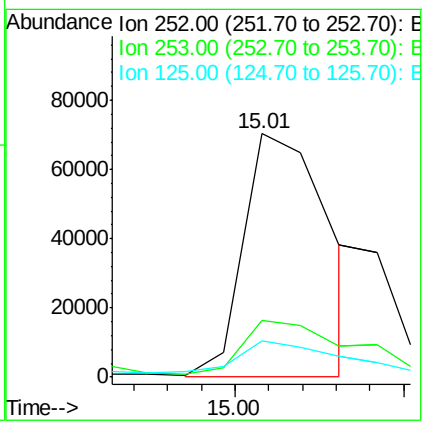


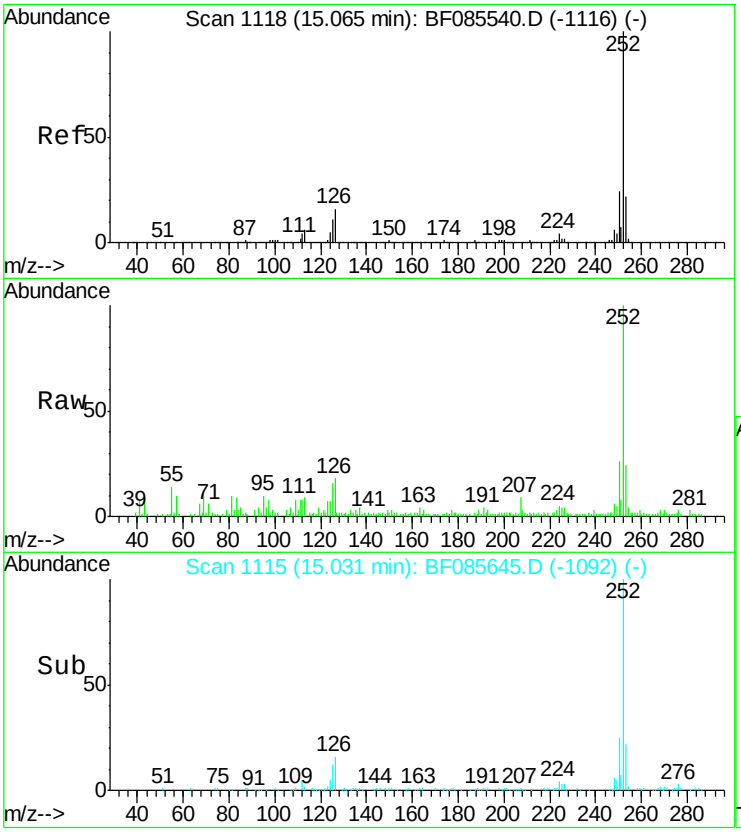


#87
Benzo(b)fluoranthene
Concen: 8.36 ng m
RT: 15.01 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:252 Resp: 123640

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	15.1	10.3	15.5





#88
Benzo(k)fluoranthene
Concen: 2.51 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:252 Resp: 30563

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	16.0	7.7	11.5#

Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

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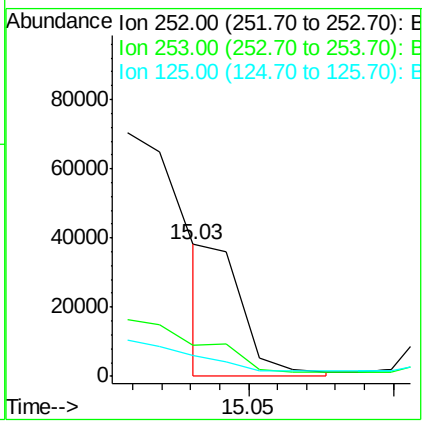
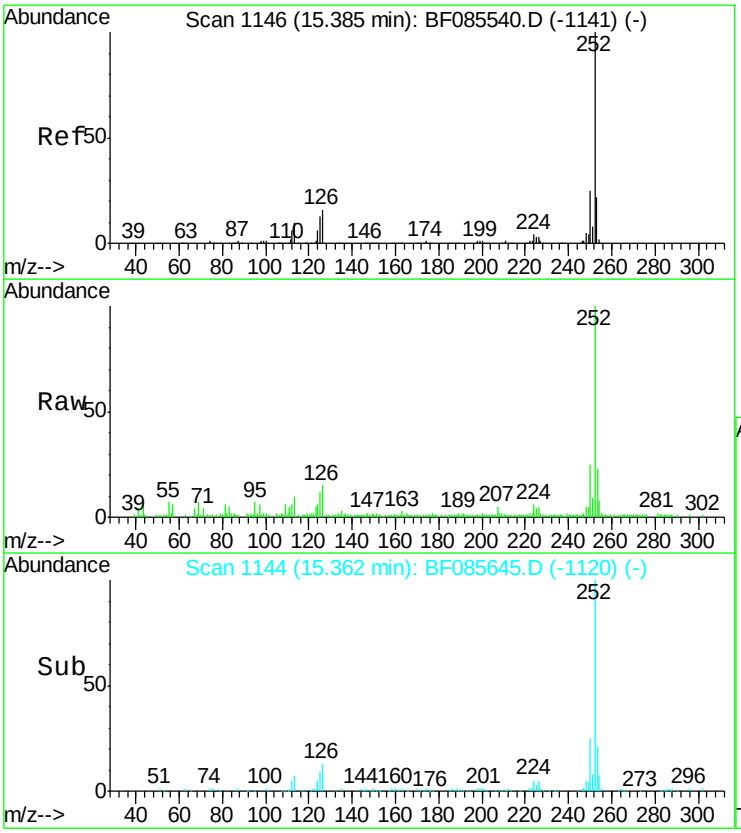
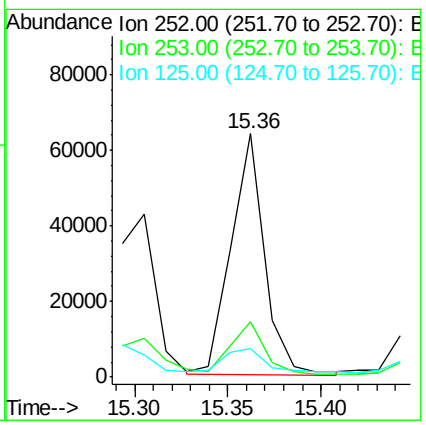


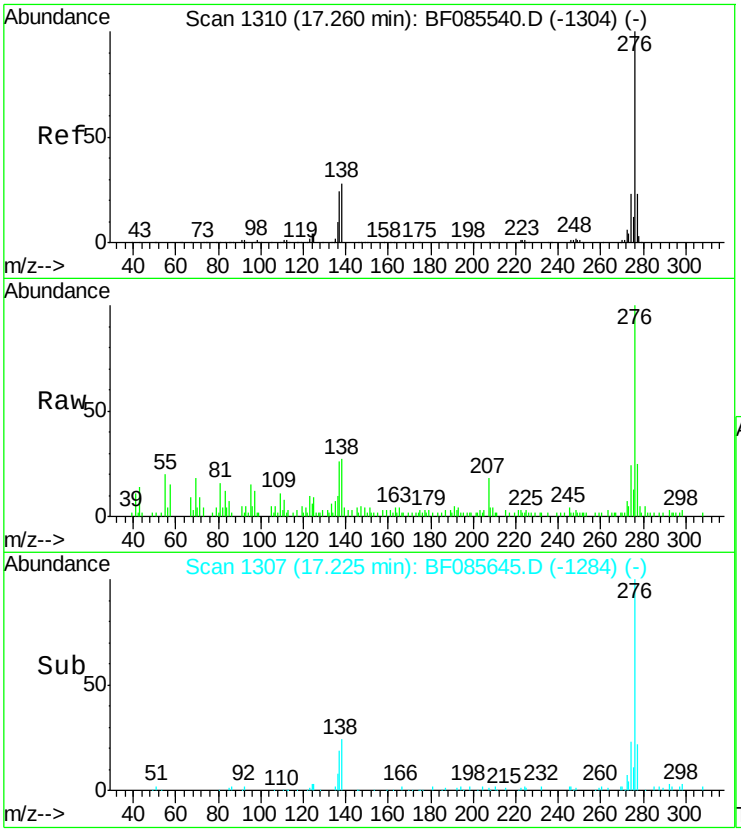


#89
Benzo(a)pyrene
Concen: 6.40 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:252 Resp: 80168

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	11.8	10.3	15.5

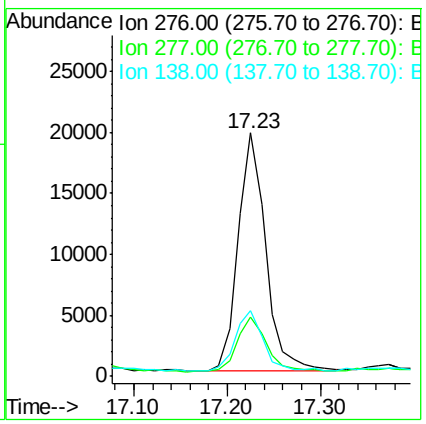




#91
Benzo(g,h,i)perylene
Concen: 3.98 ng
RT: 17.23 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF085645.D
Acq: 22 Mar 2016 4:21

Tgt Ion:276 Resp: 40302

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	27.1	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-1.5-2.0

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