Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085195.D
Acq On : 4 Mar 2016 9:18
Operator : SJ/UM
Sample : H1649-03 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

Manual Integrations APPROVED
Sohil
3/4/2016 4:36:30 PM

Quant Time: Mar 04 13:54:01 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	6.98	152	148603	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	621295	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	247578	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	409550	20.00	ng	0.00
75) Chrysene-d12	14.14	240	291243	20.00	ng	-0.01
86) Perylene-d12	15.61	264	291984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	180845	20.41	ng	0.00
7) Phenol-d6	6.60	99	242763	20.92	ng	-0.01
23) Nitrobenzene-d5	7.53	82	152171	13.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	12651	5.97	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	260269	15.99	ng	-0.01
78) Terphenyl-d14	13.09	244	132073	10.53	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.73	163	39983	2.10	ng	100
57) Fluorene	10.56	166	33155	2.11	ng	99
70) Phenanthrene	11.53	178	588581	27.42	ng	97
71) Anthracene	11.58	178	104948	4.61	ng	98
74) Fluoranthene	12.72	202	579633	26.91	ng	94
77) Pyrene	12.95	202	486567	22.20	ng	98
80) Benzo(a)anthracene	14.13	228	232187	13.32	ng	97
82) Chrysene	14.16	228	173239	10.76	ng	97
85) Indeno(1,2,3-cd)pyrene	17.08	276	87462	6.96	ng	95
87) Benzo(b)fluoranthene	15.18	252	213240m	10.96	ng	
88) Benzo(k)fluoranthene	15.19	252	108041m	6.88	ng	
89) Benzo(a)pyrene	15.55	252	159961	9.92	ng	# 93
91) Benzo(g,h,i)perylene	17.52	276	80981	5.85	ng	97

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085195.D
Acq On : 4 Mar 2016 9:18
Operator : SJ/UM
Sample : H1649-03 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 04 13:54:01 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 :
BT-C3(8)3W-20160301

Manual Integrations APPROVED
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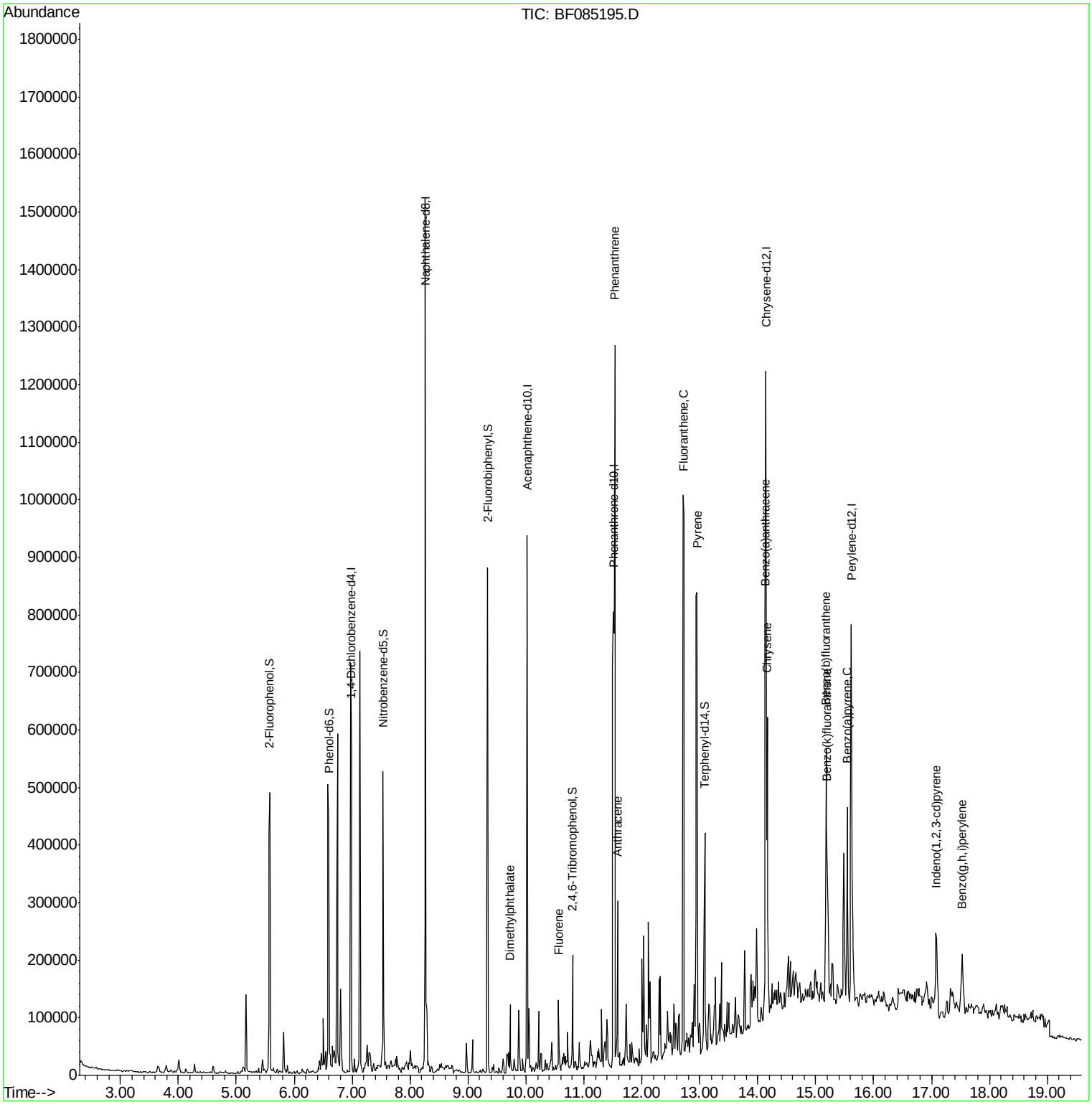
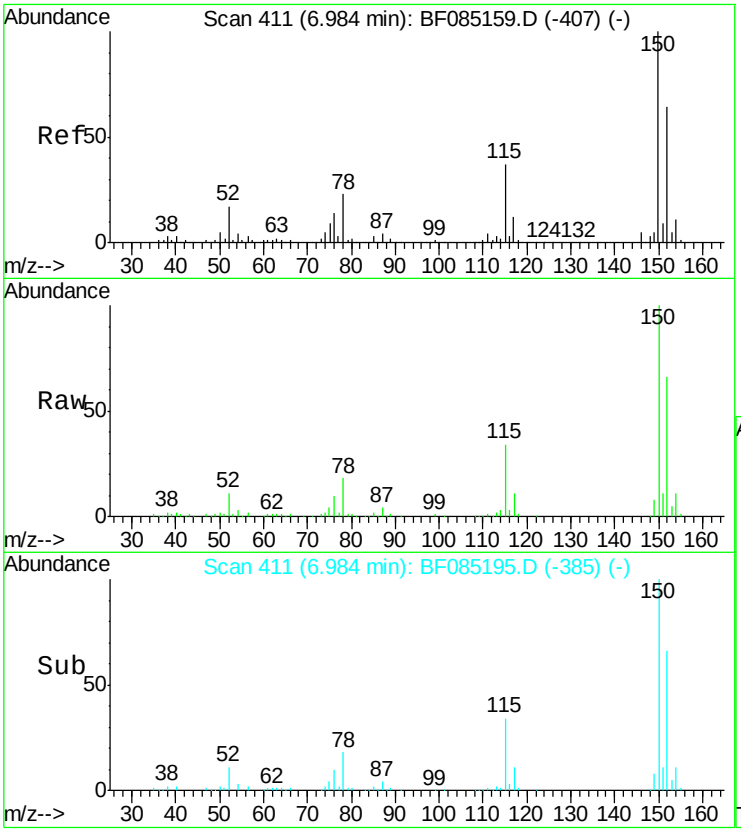
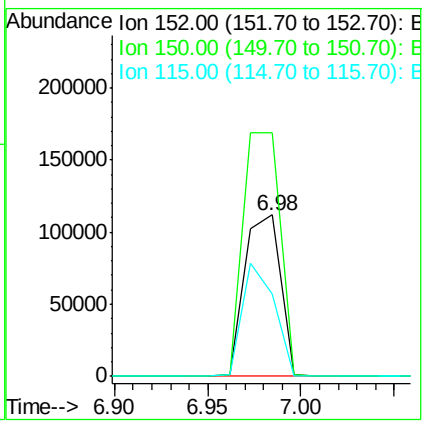




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:152 Resp: 148603

Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.6	186.8
115	51.1	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

Manual Integrations APPROVED
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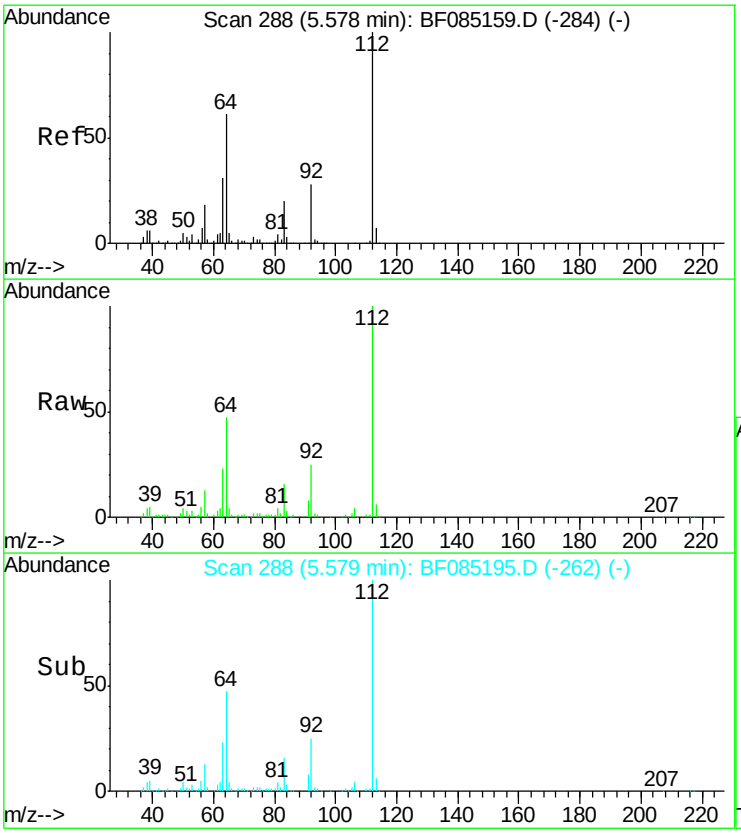
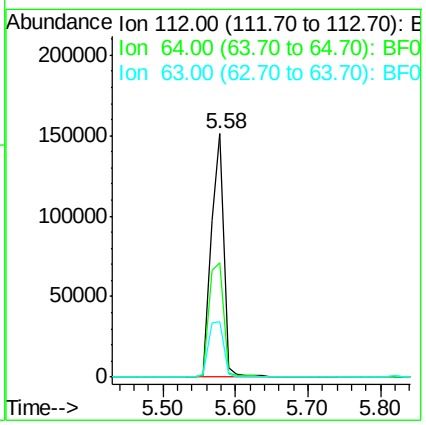
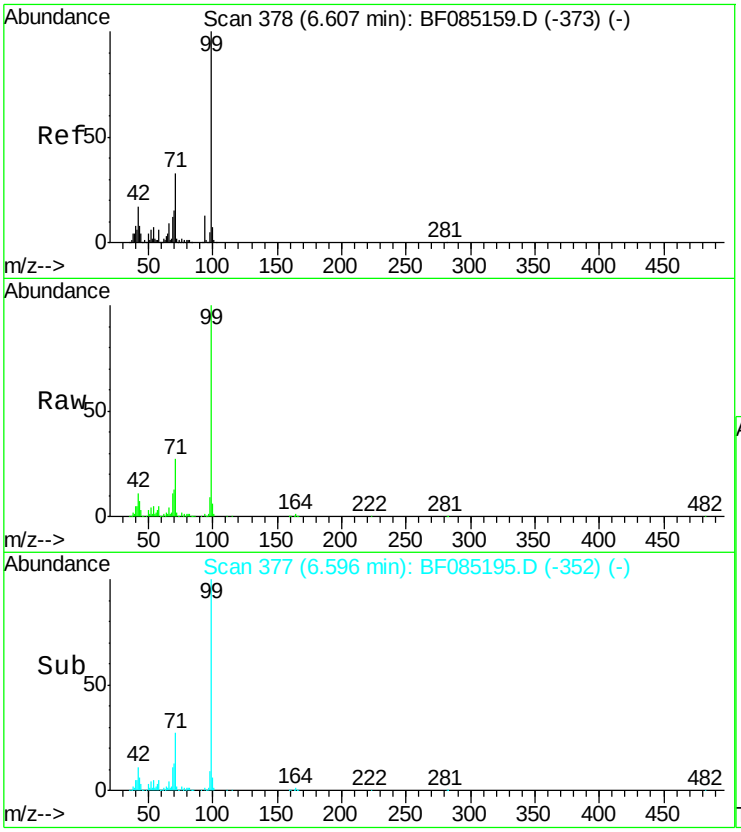


#5
2-Fluorophenol
Concen: 20.41 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:112 Resp: 180845

Ion	Ratio	Lower	Upper
112	100		
64	47.1	49.0	73.4#
63	22.9	24.8	37.2#

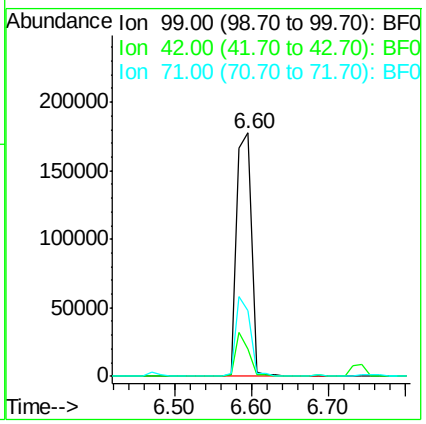




#7
Phenol-d6
Concen: 20.92 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion: 99 Resp: 242763

Ion	Ratio	Lower	Upper
99	100		
42	11.0	13.6	20.4#
71	26.9	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

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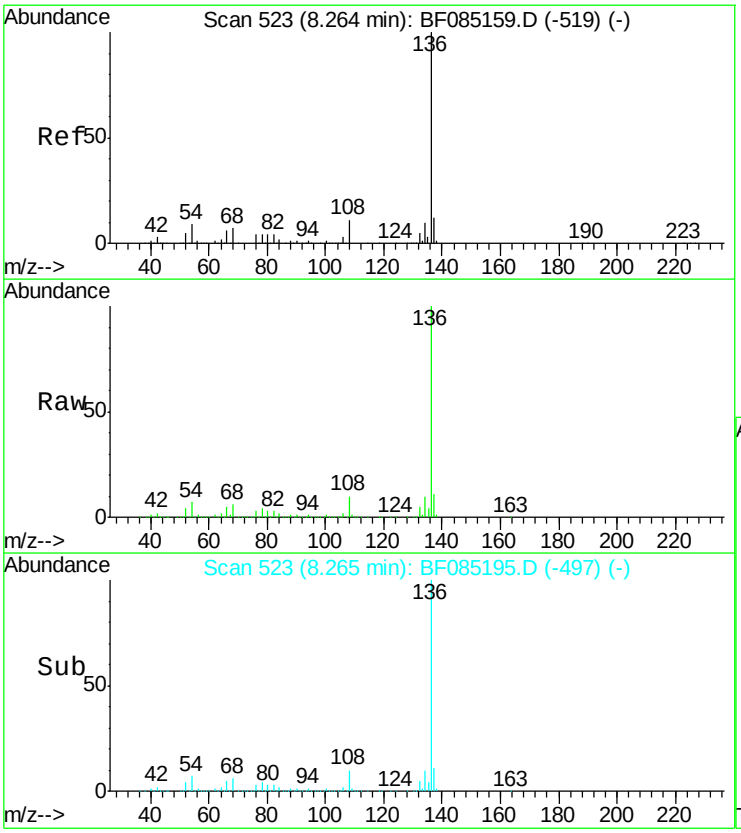
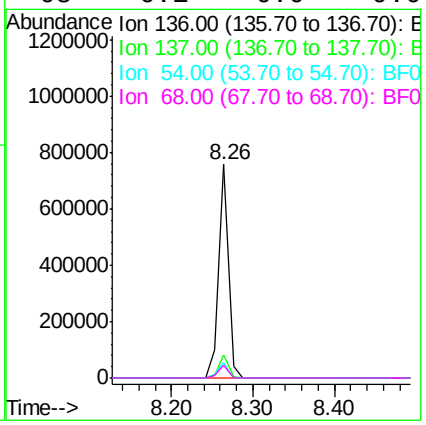
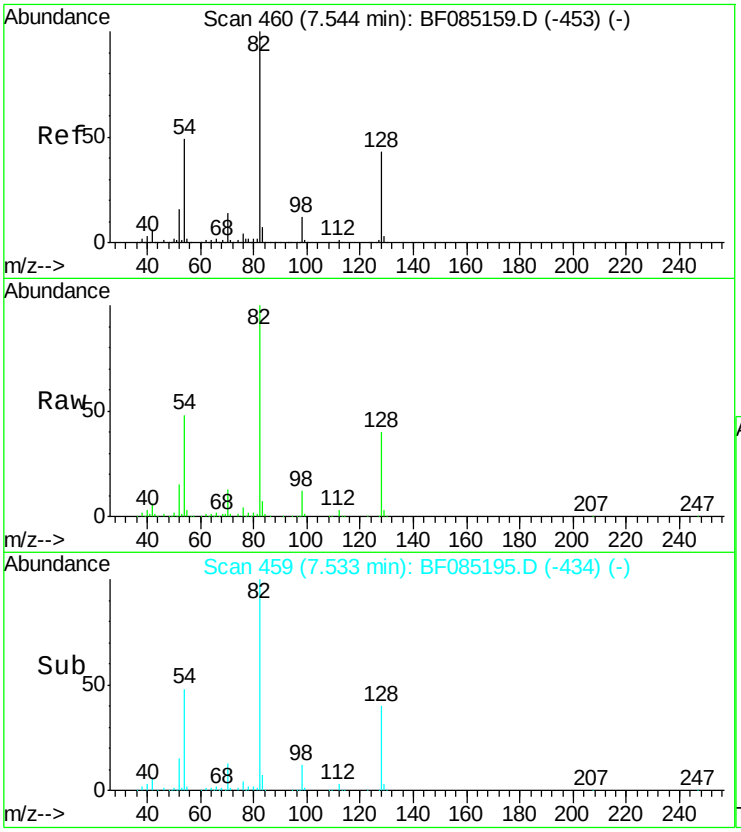


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:136 Resp: 621295

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.3	7.4	11.2#
68	6.1	6.0	9.0

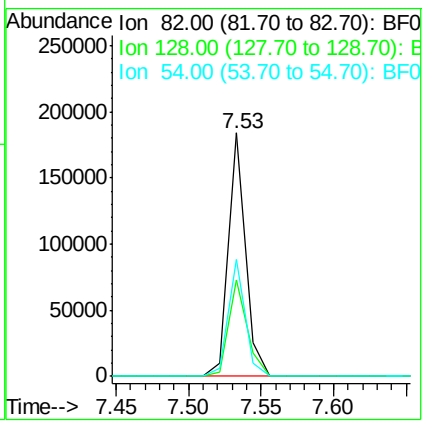




#23
Nitrobenzene-d5
Concen: 13.11 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion: 82 Resp: 152171

Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.5	51.7
54	48.1	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

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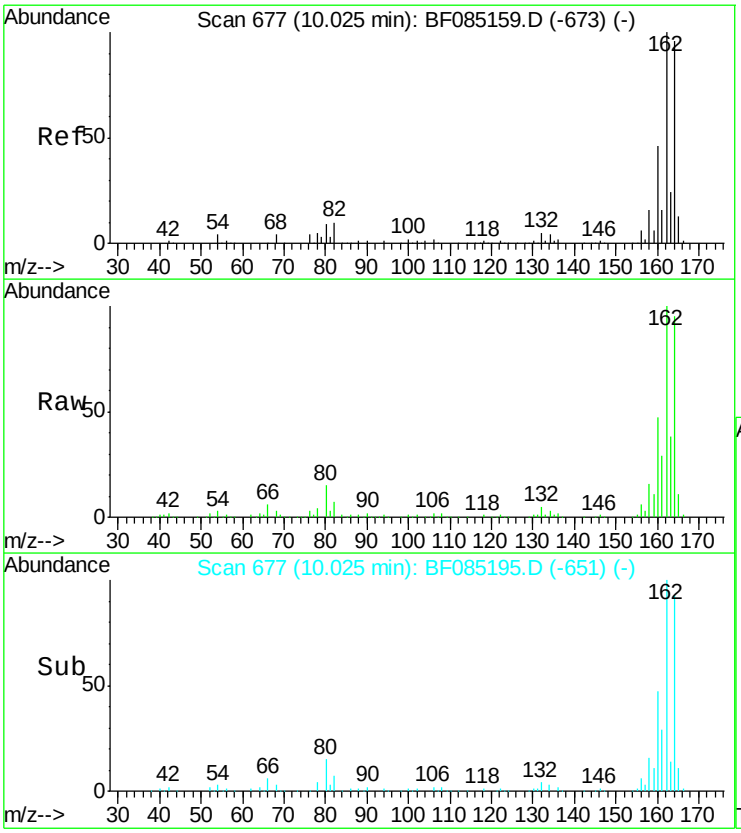
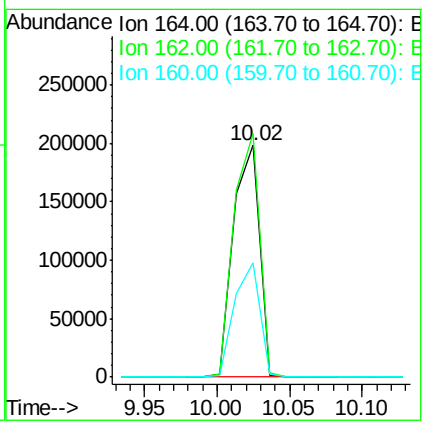
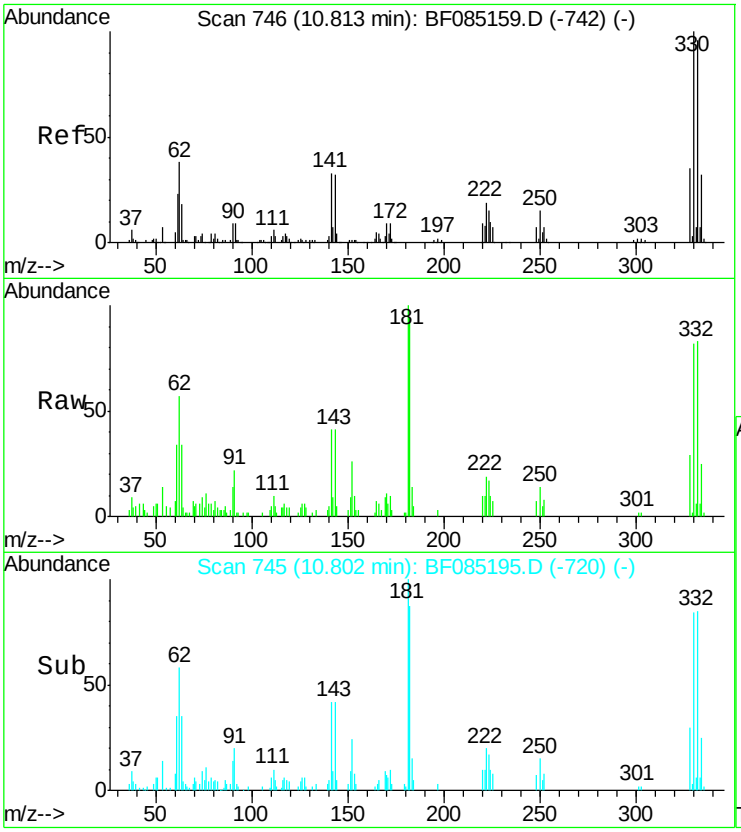


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:164 Resp: 247578

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.3	124.9
160	49.5	37.9	56.9

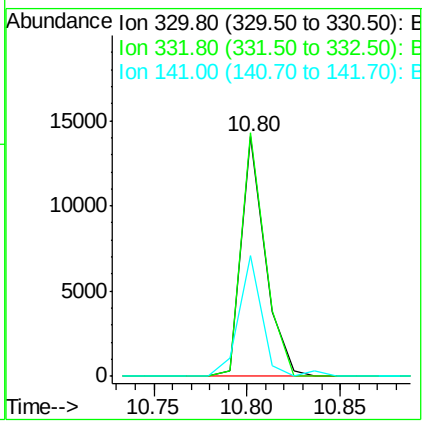




#41
2,4,6-Tribromophenol
Concen: 5.97 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:330 Resp: 12651

Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.1	115.7
141	49.3	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

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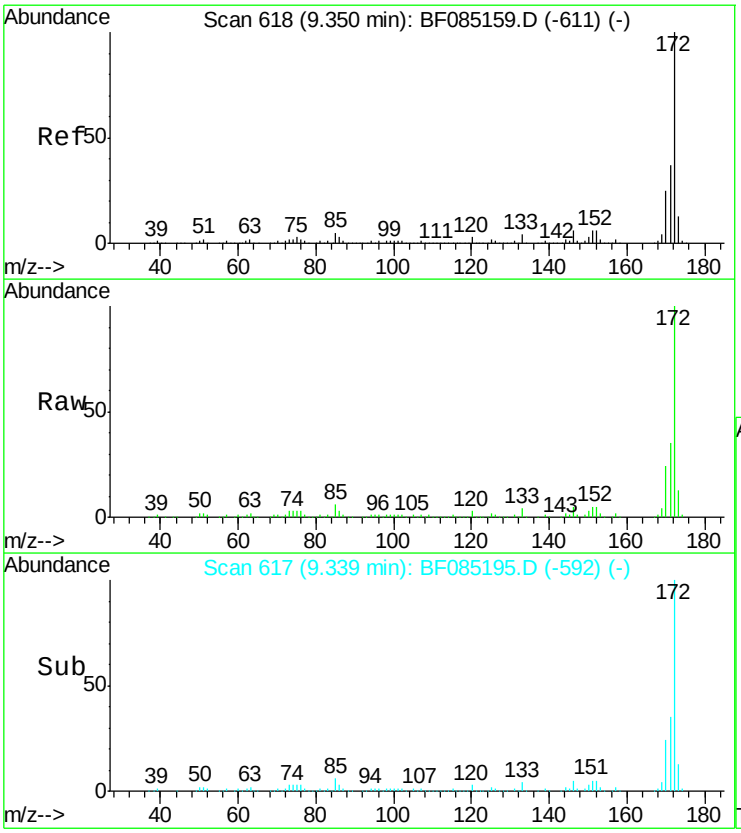
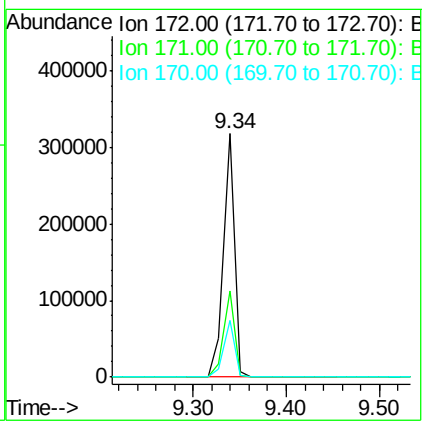
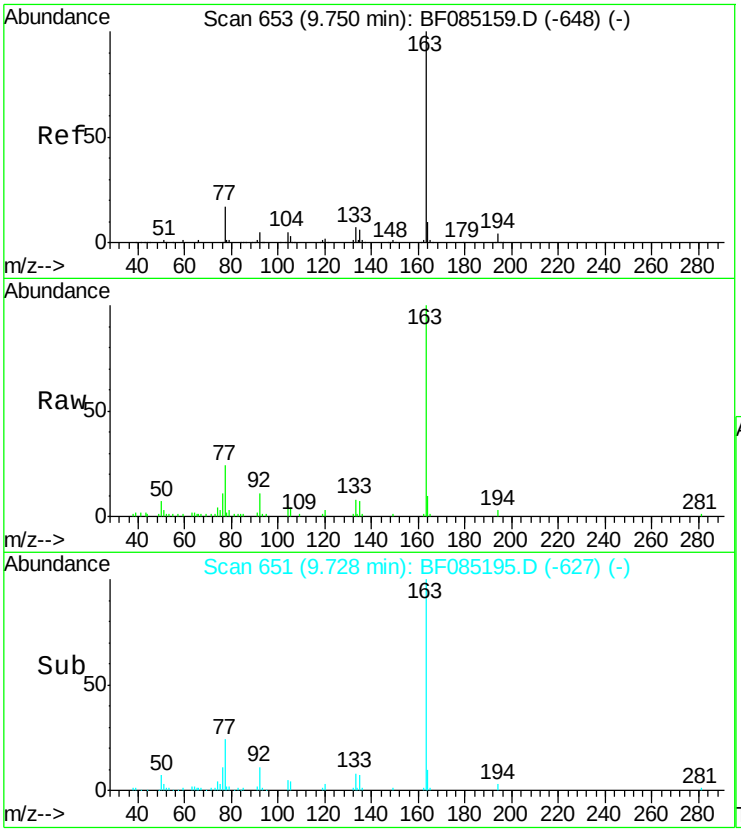


#44
2-Fluorobiphenyl
Concen: 15.99 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:172 Resp: 260269

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	23.5	20.0	30.0

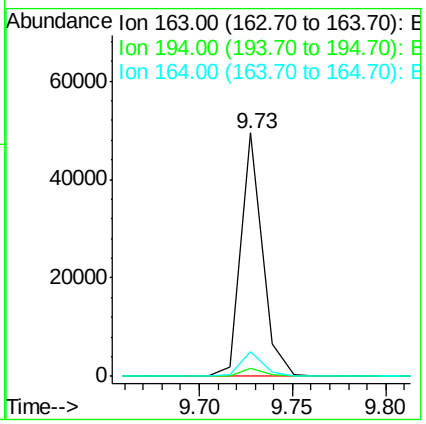




#49
Dimethylphthalate
Concen: 2.10 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:163 Resp: 39983

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.1	4.7
164	10.2	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

Manual Integrations APPROVED
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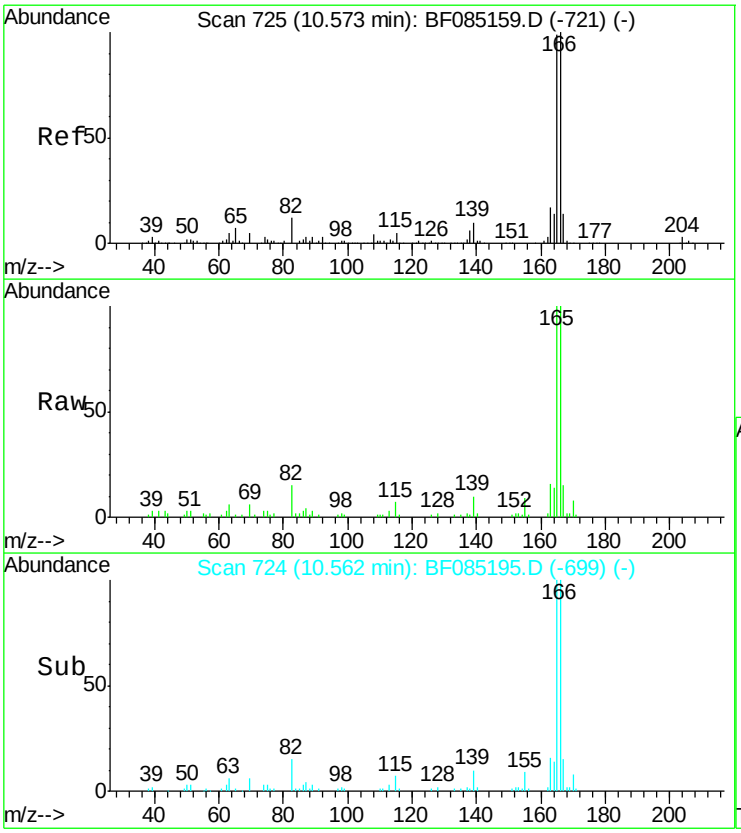
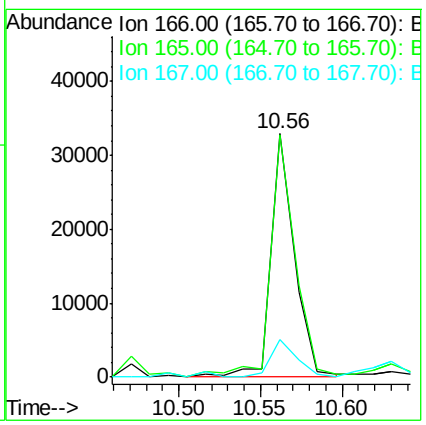
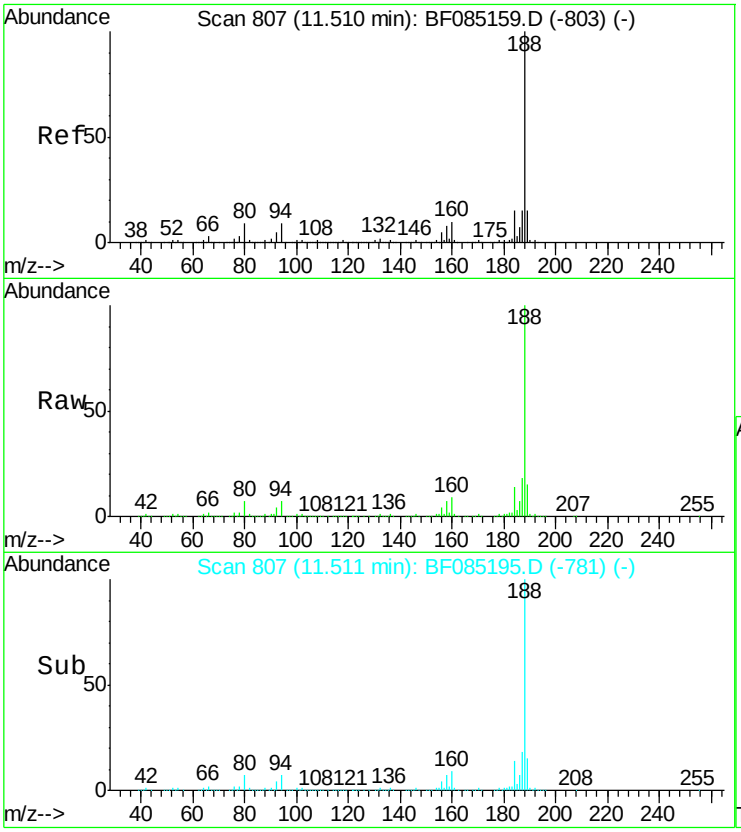


#57
Fluorene
Concen: 2.11 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:166 Resp: 33155

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.4	119.0
167	15.2	11.0	16.6





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:188 Resp: 409550

Ion	Ratio	Lower	Upper
188	100		
94	6.7	7.0	10.6#
80	6.9	7.4	11.0#

Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

Manual Integrations APPROVED
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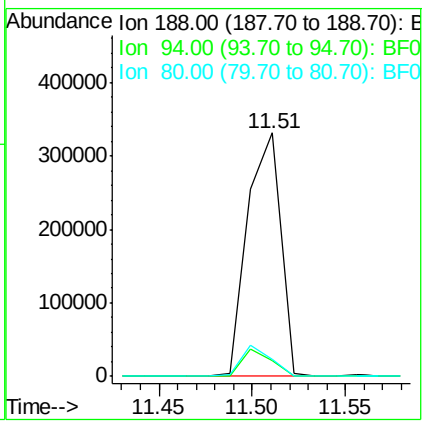
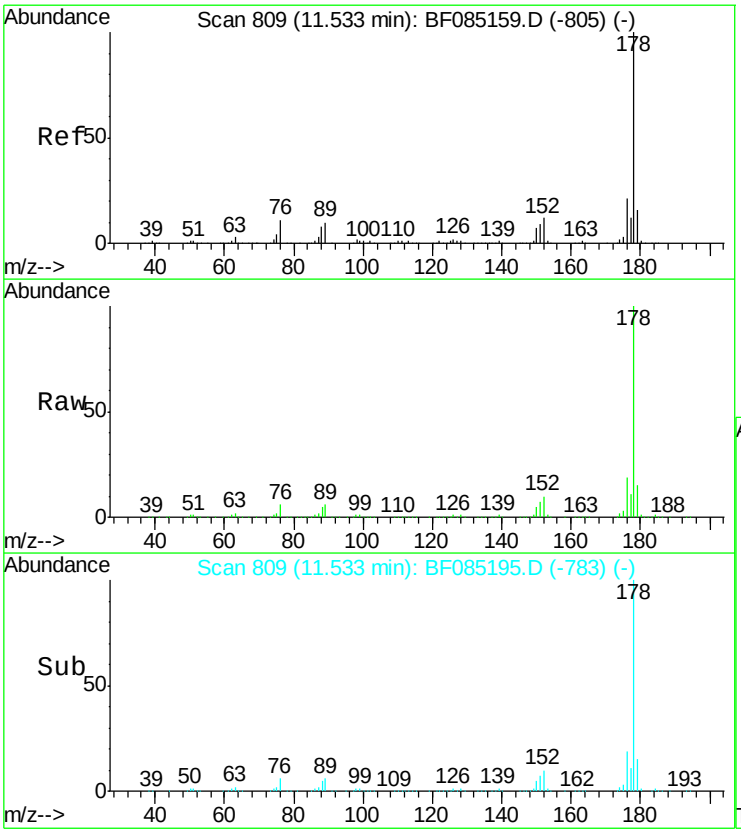
3/4/2016 4:36:30 PM

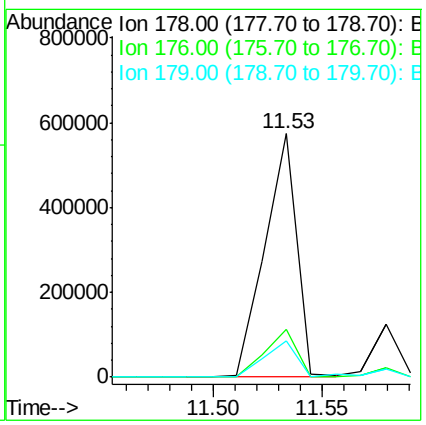


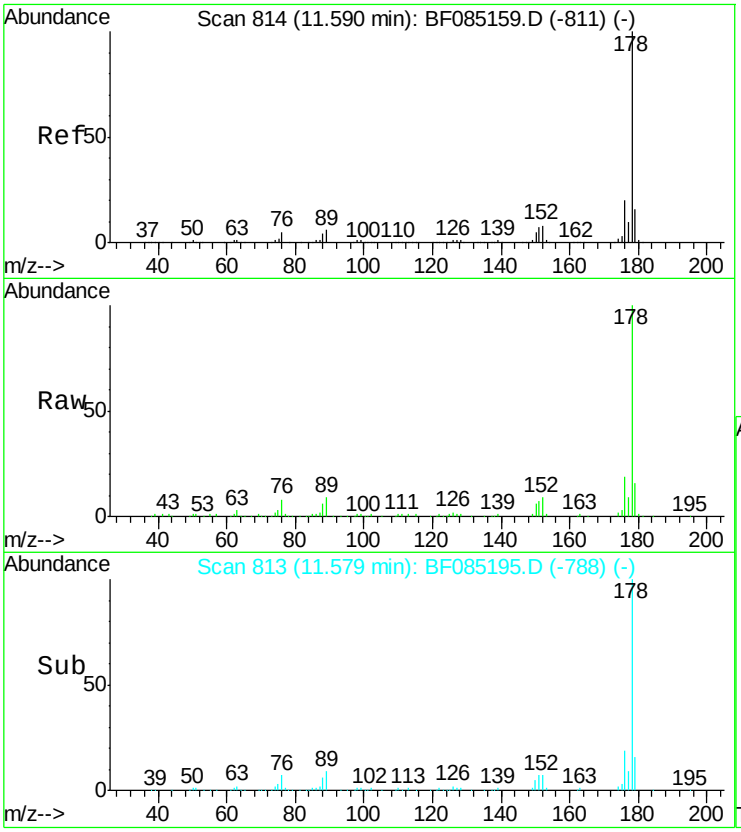


#70
Phenanthrene
Concen: 27.42 ng
RT: 11.53 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:178 Resp: 588581

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.8	25.2
179	15.1	13.1	19.7

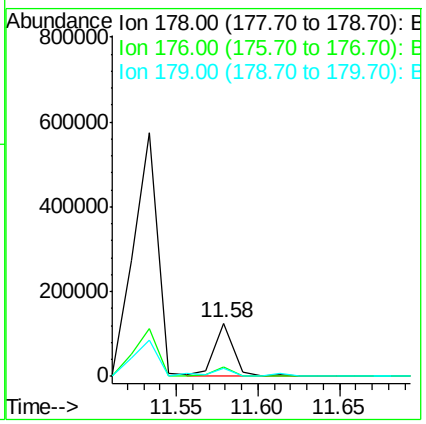




#71
Anthracene
Concen: 4.61 ng
RT: 11.58 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:178 Resp: 104948

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	15.6	12.5	18.7



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Manual Integrations APPROVED
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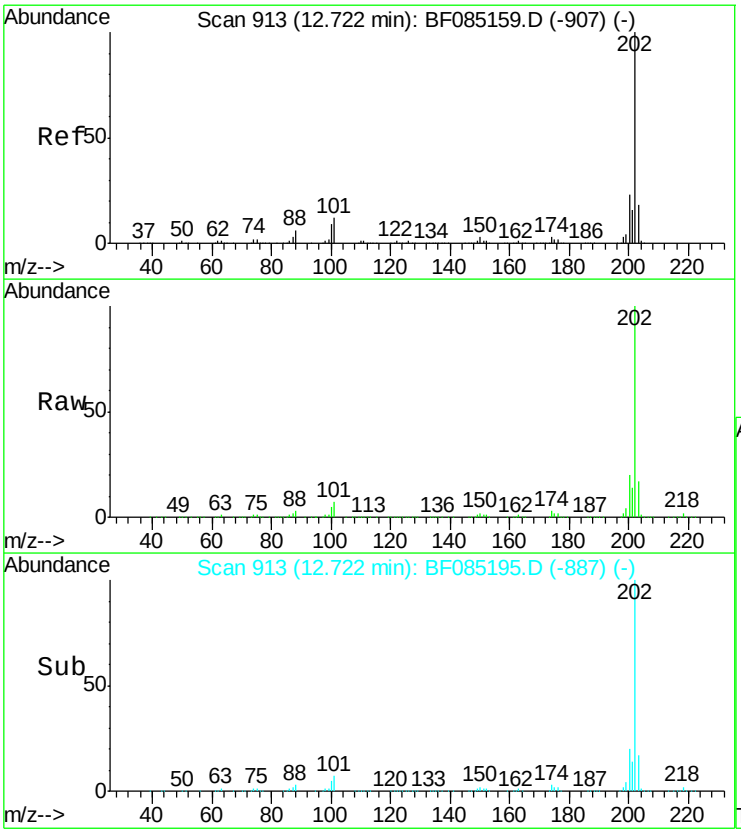
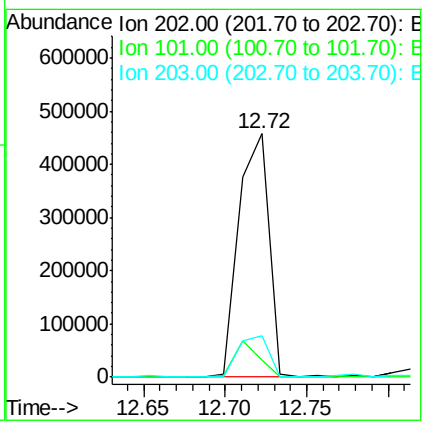
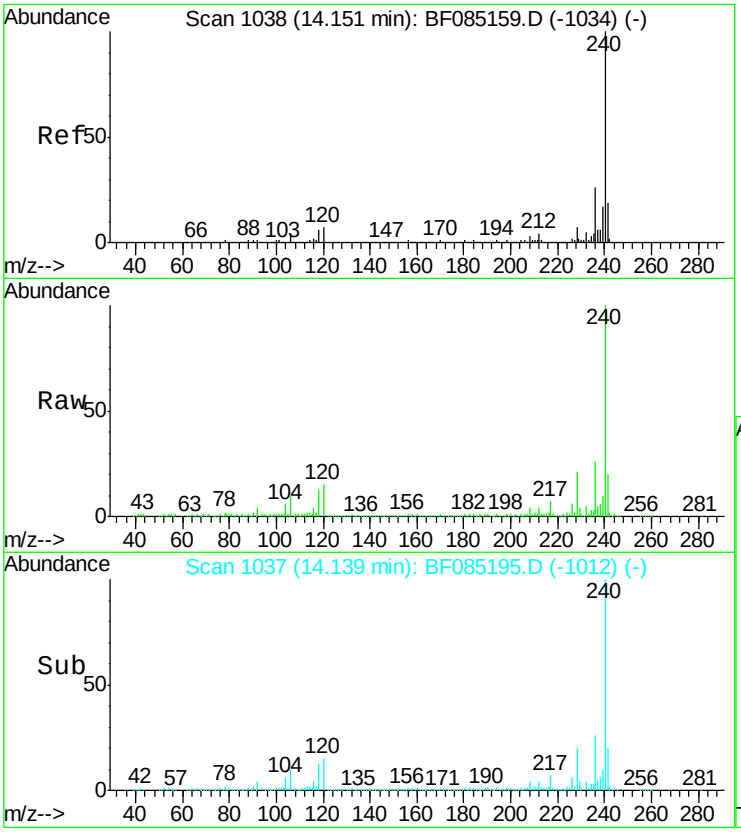


#74
Fluoranthene
Concen: 26.91 ng
RT: 12.72 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:202 Resp: 579633

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	31.8
203	17.0	0.0	38.4





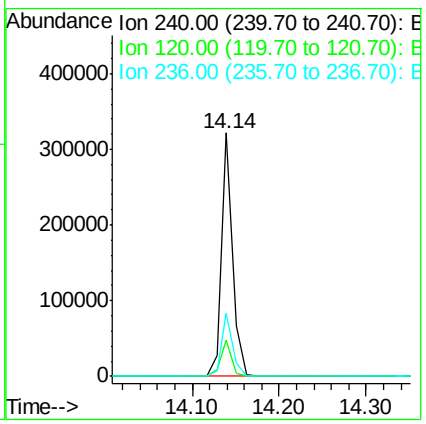
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

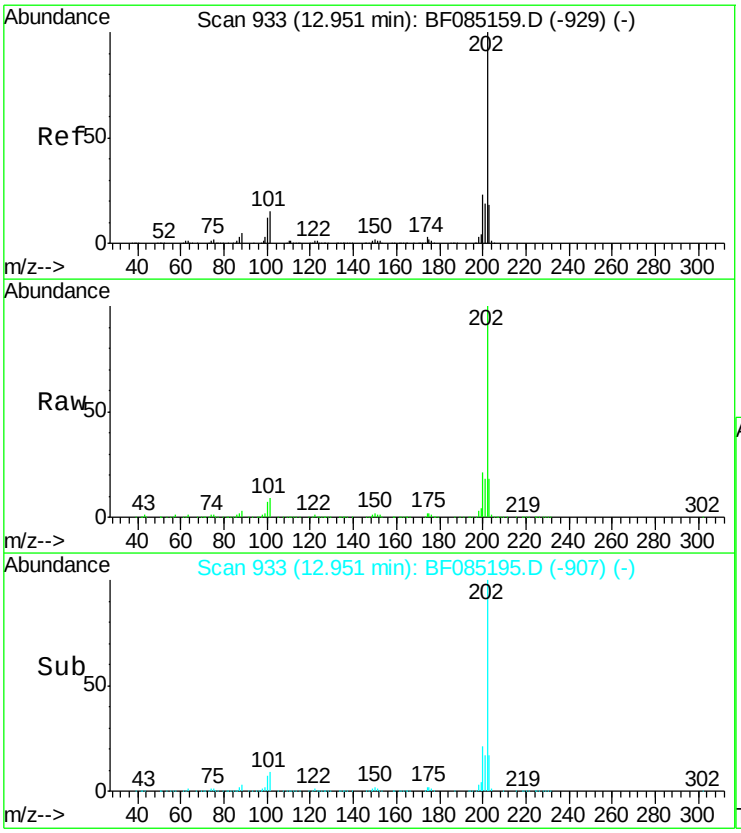
Tgt Ion:240 Resp: 291243

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.3	7.9#
236	26.2	20.7	31.1

Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

Manual Integrations APPROVED
Sohil
3/4/2016 4:36:30 PM

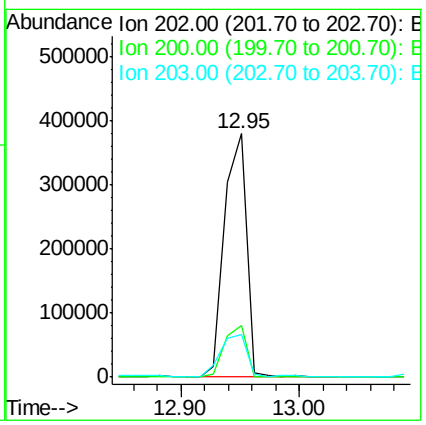


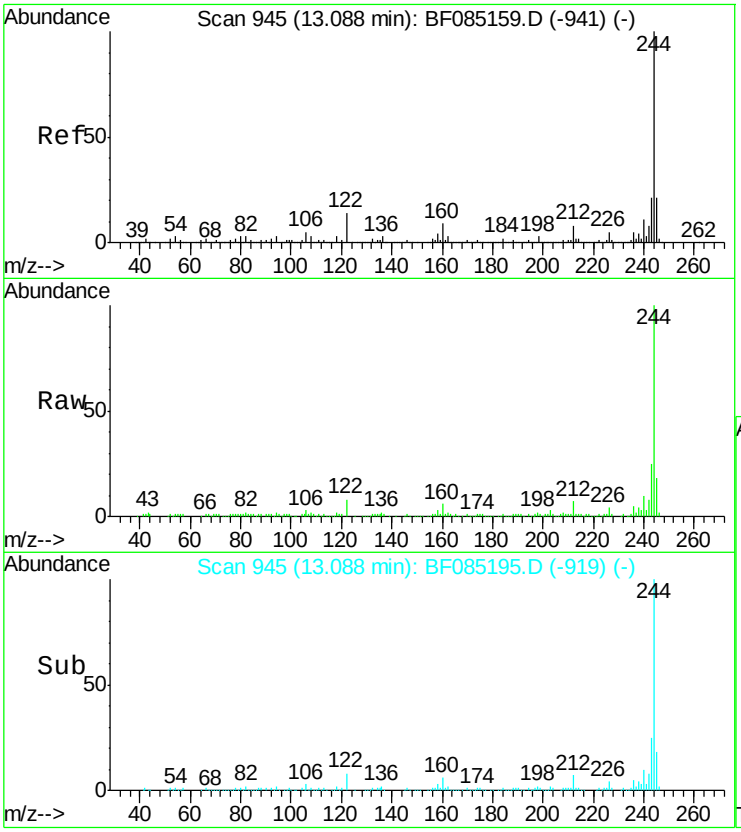


#77
Pyrene
Concen: 22.20 ng
RT: 12.95 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:202 Resp: 486567

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.2	27.4
203	17.6	14.7	22.1

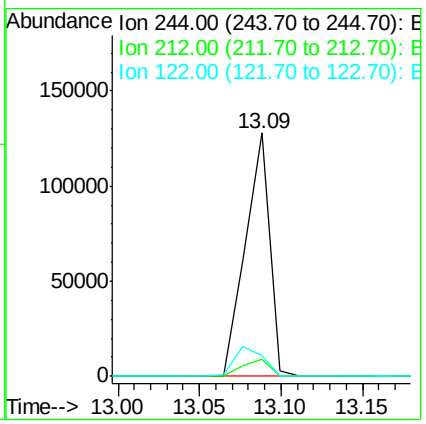




#78
Terphenyl-d14
Concen: 10.53 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:244 Resp: 132073

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	8.3	11.4	17.2#



Instrument :
BNA_F
ClientSampleId :
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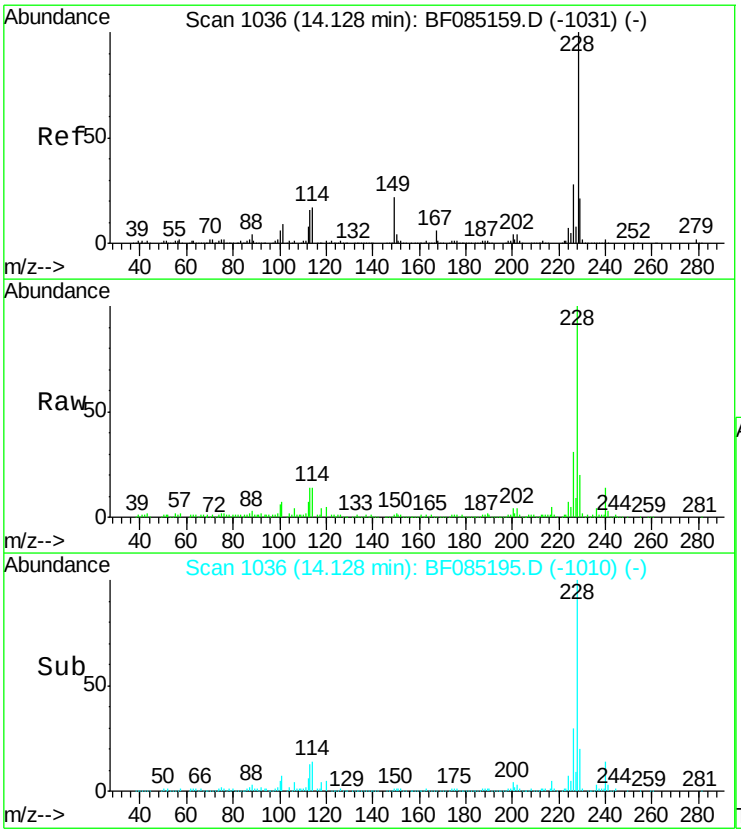
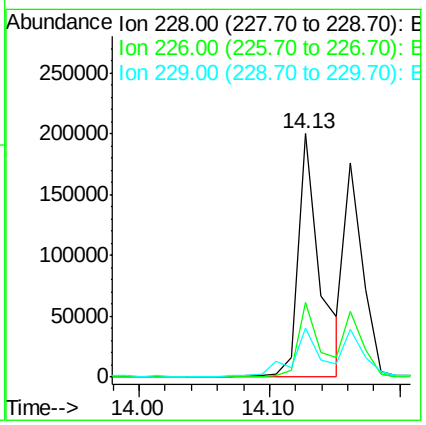
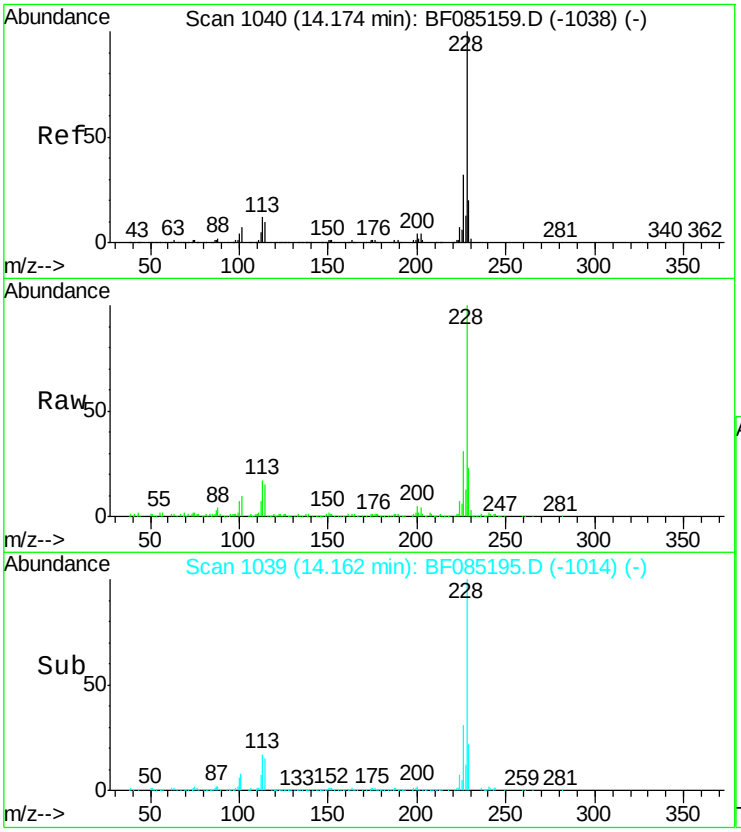


#80
Benzo(a)anthracene
Concen: 13.32 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:228 Resp: 232187

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.8	34.2
229	20.3	16.6	24.8

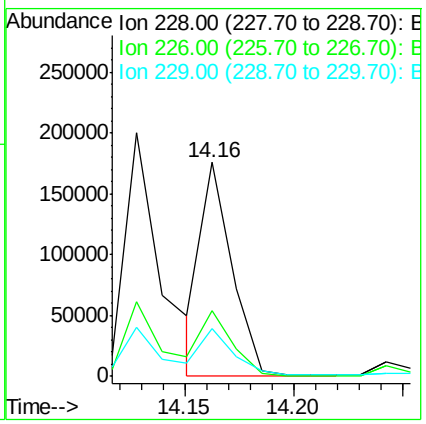




#82
Chrysene
Concen: 10.76 ng
RT: 14.16 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:228 Resp: 173239

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	22.6	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

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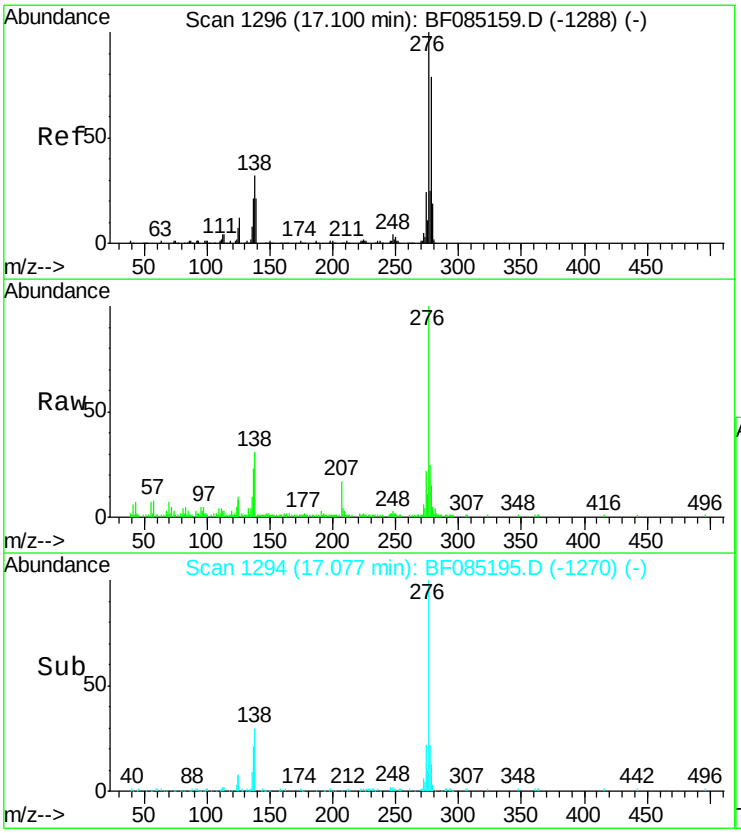
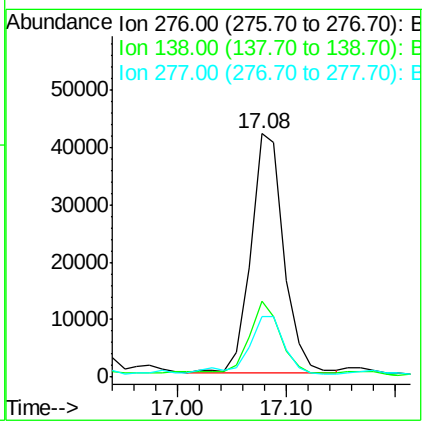
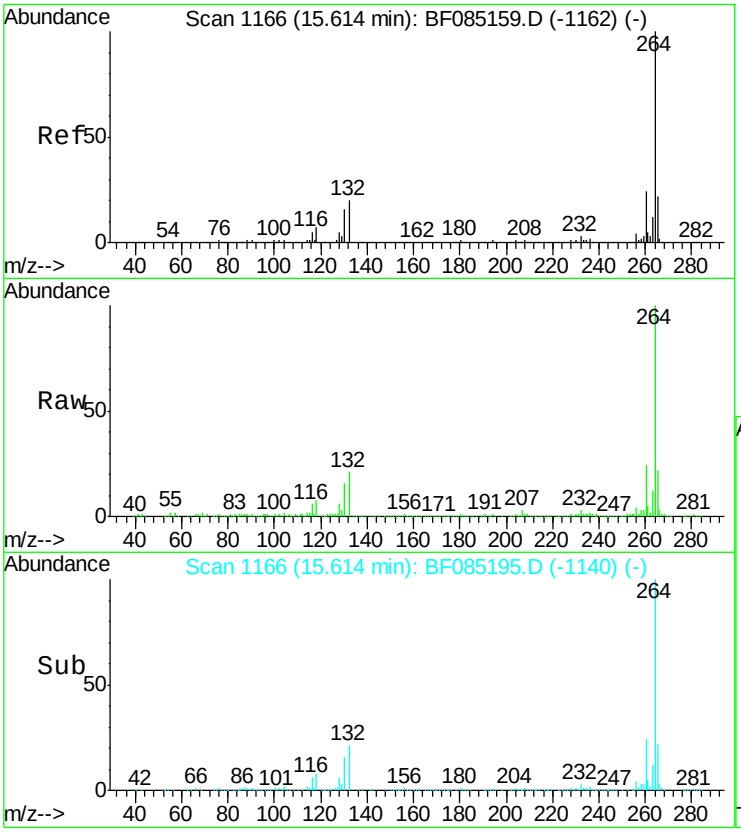


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.96 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:276 Resp: 87462

Ion	Ratio	Lower	Upper
276	100		
138	29.7	26.4	39.6
277	27.1	20.2	30.2

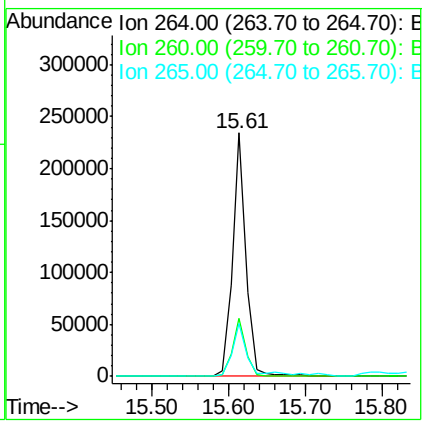




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:264 Resp: 291984

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
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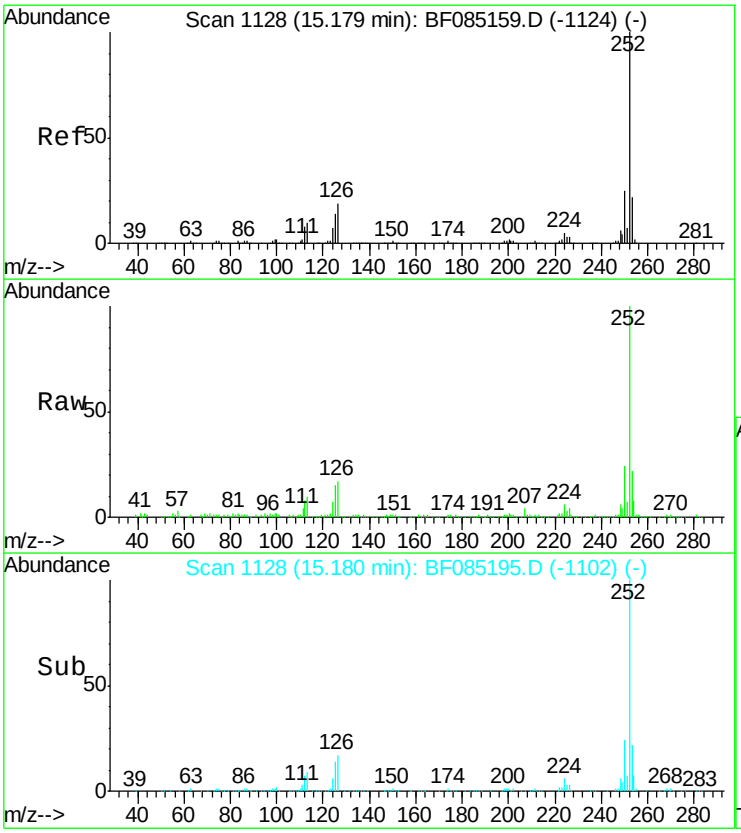
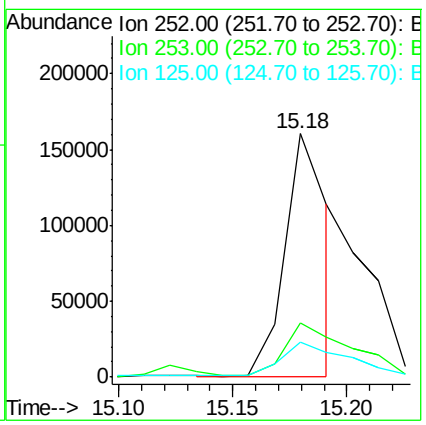
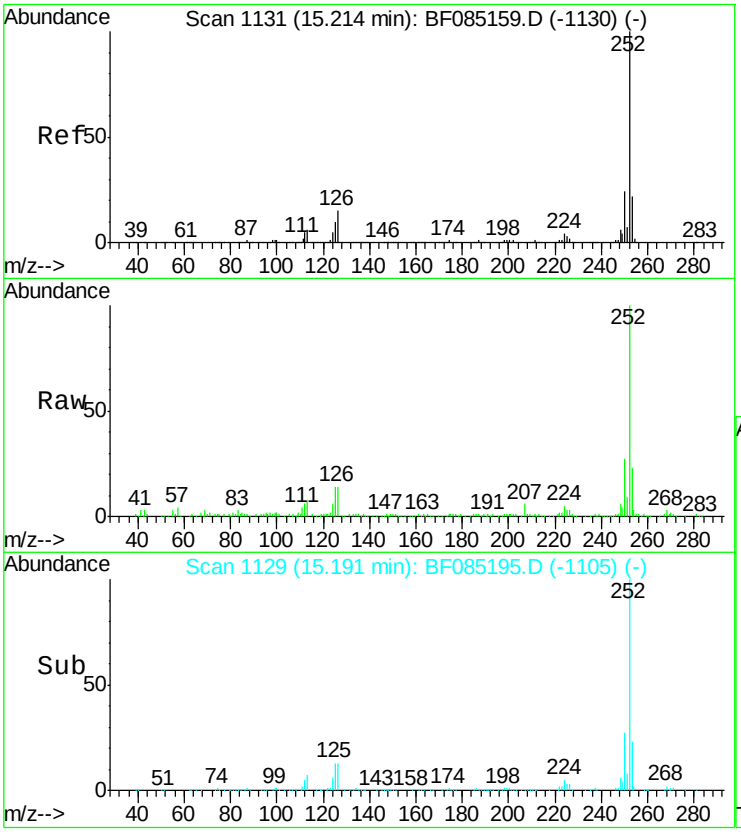


#87
Benzo(b)fluoranthene
Concen: 10.96 ng m
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:252 Resp: 213240

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	14.5	11.3	16.9

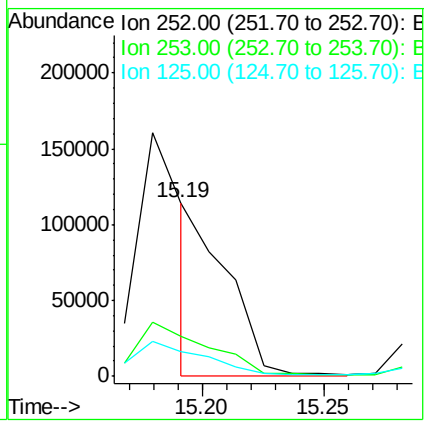




#88
Benzo(k)fluoranthene
Concen: 6.88 ng m
RT: 15.19 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:252 Resp: 108041

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	14.1	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

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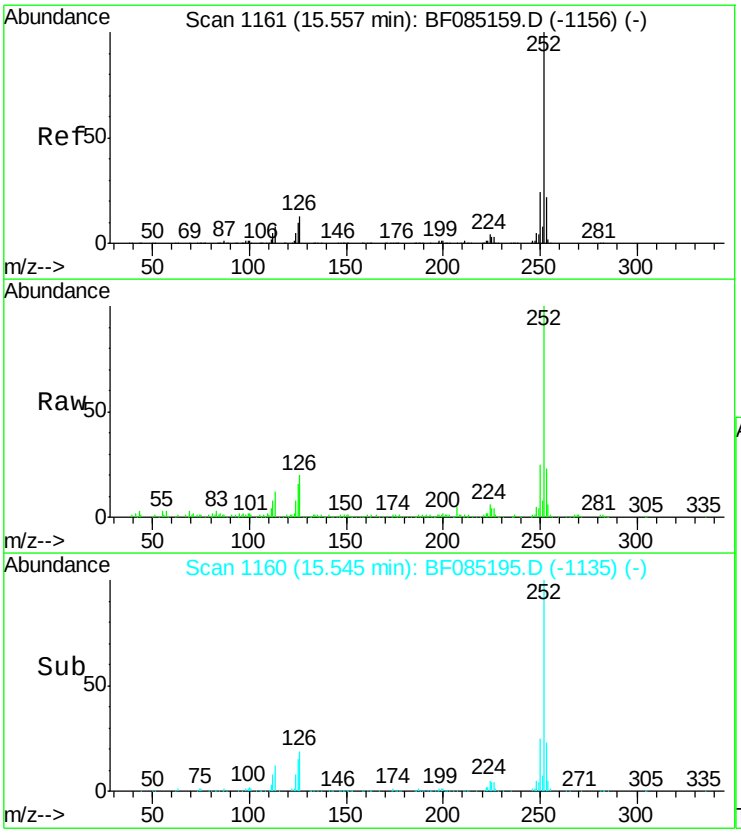
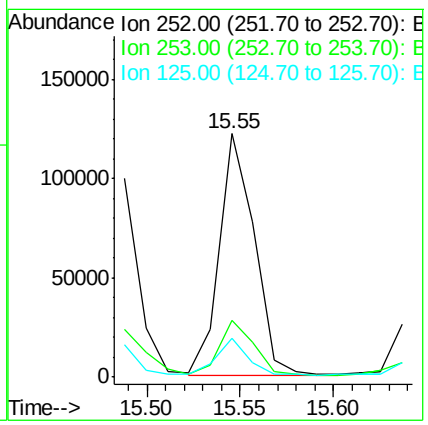
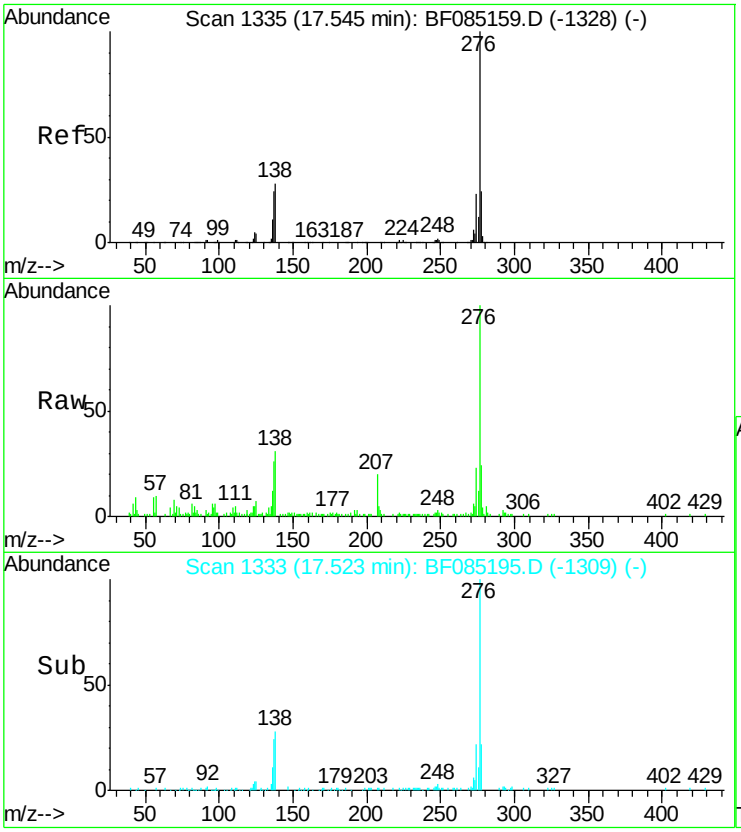


#89
Benzo(a)pyrene
Concen: 9.92 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:252 Resp: 159961

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	15.8	8.2	12.4#

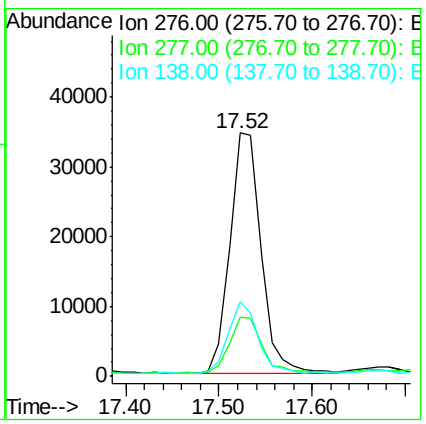




#91
Benzo(g,h,i)perylene
Concen: 5.85 ng
RT: 17.52 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF085195.D
Acq: 4 Mar 2016 9:18

Tgt Ion:276 Resp: 80981

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	30.7	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
BT-C3(8)3W-20160301

Manual Integrations APPROVED
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