Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091605.D
Acq On : 15 Dec 2016 00:53
Operator : UM/SJ
Sample : H6007-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10-5-10

Manual Integrations APPROVED
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Quant Time: Dec 15 02:25:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	298747	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1057568	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	501172	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	637954	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	579224	20.00	ng	-0.01
86) Perylene-d12	15.37	264	555750	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1763633	99.46	ng	-0.01
7) Phenol-d6	6.44	99	2265378	102.47	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1344292	70.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	368866	88.61	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1955730	67.43	ng	-0.02
78) Terphenyl-d14	12.90	244	1097200	42.98	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.45	94	184060	7.12	ng	77
49) Dimethylphthalate	9.55	163	251845	7.94	ng	98
70) Phenanthrene	11.33	178	947928	30.01	ng	99
71) Anthracene	11.39	178	250663	7.36	ng	98
72) Carbazole	11.55	167	76961	2.58	ng	95
74) Fluoranthene	12.52	202	1532644	46.33	ng	94
77) Pyrene	12.75	202	1248154	27.16	ng	98
80) Benzo(a)anthracene	13.94	228	972819	28.92	ng	99
82) Chrysene	13.97	228	643873	18.30	ng	97
85) Indeno(1,2,3-cd)pyrene	16.73	276	357503	11.29	ng	96
87) Benzo(b)fluoranthene	14.97	252	1007899m	30.42	ng	
88) Benzo(k)fluoranthene	14.99	252	337251m	11.58	ng	
89) Benzo(a)pyrene	15.31	252	660407m	22.13	ng	
90) Dibenzo(a,h)anthracene	16.74	278	96544	3.61	ng	95
91) Benzo(g,h,i)perylene	17.14	276	303989	11.17	ng	98

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

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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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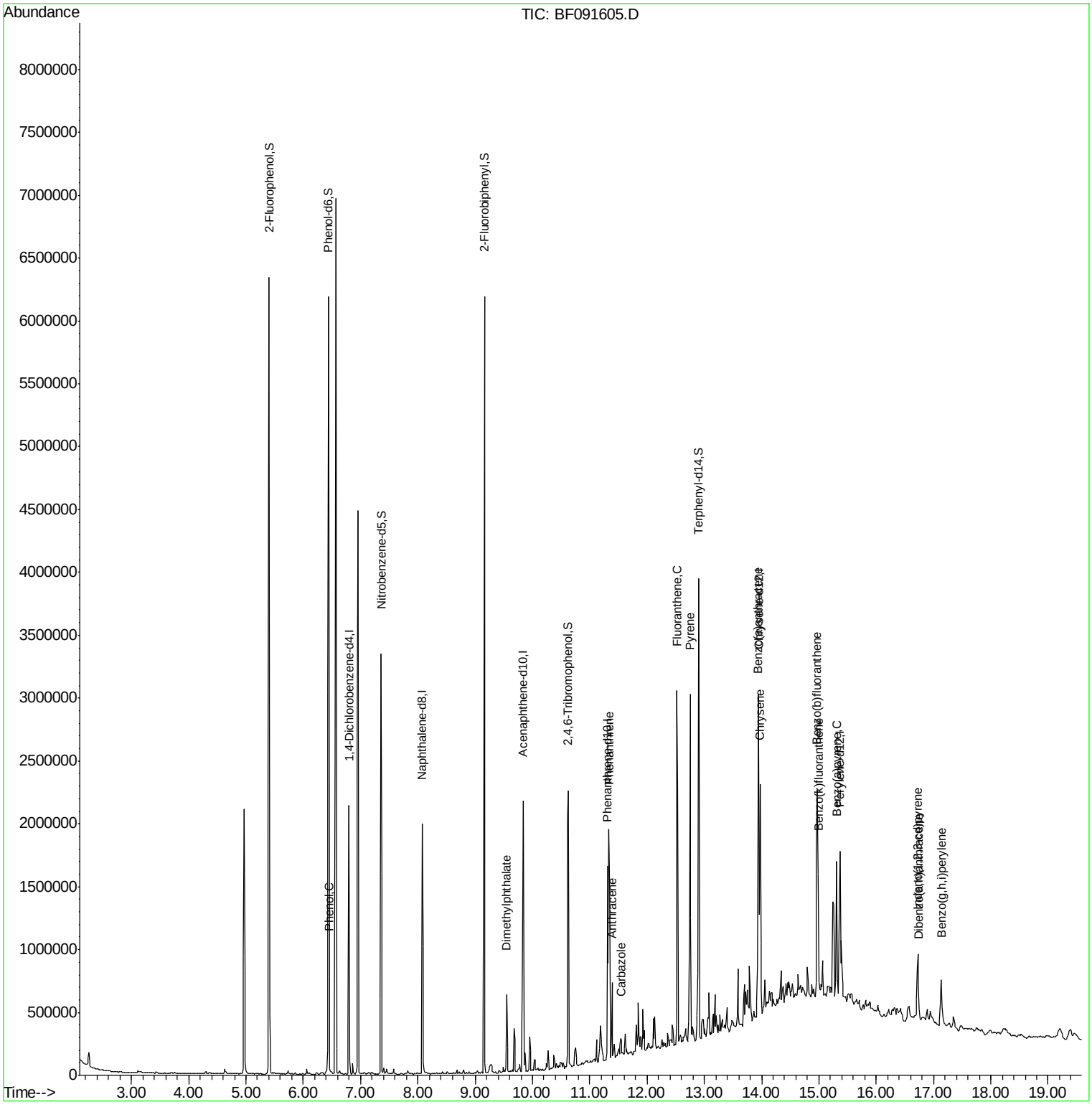
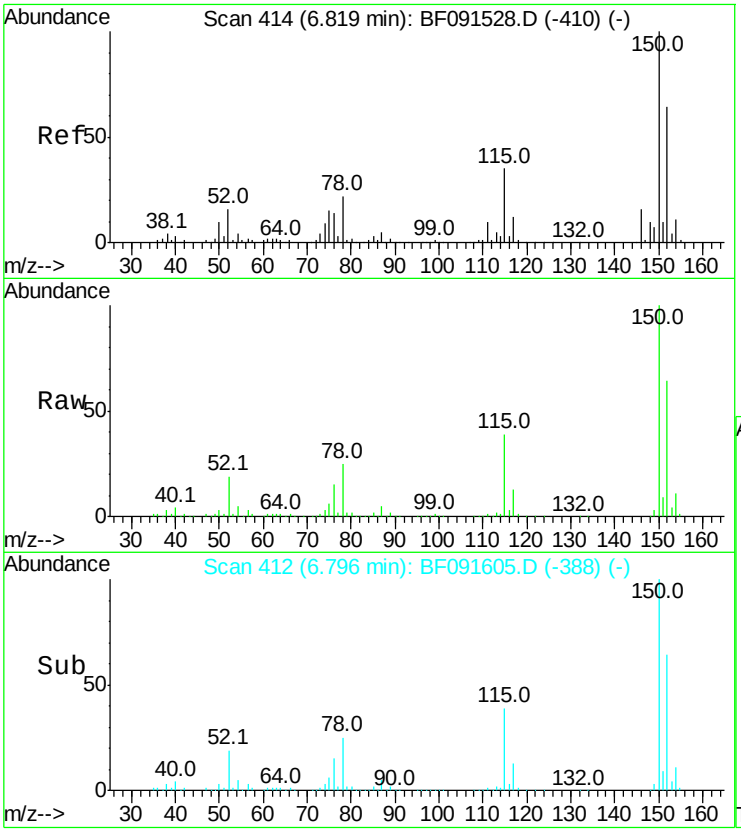
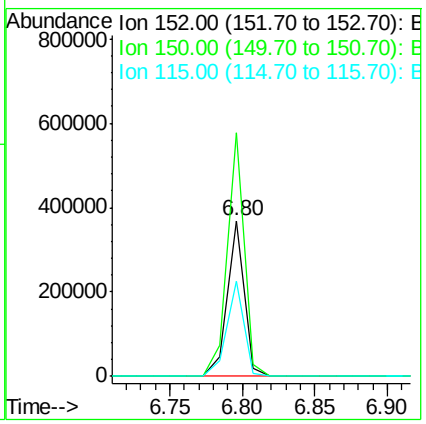




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:152 Resp: 298747

Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.5	183.7
115	61.3	51.8	77.8



Instrument :
BNA_F
ClientSampleId :
WC-10-5-10

Manual Integrations APPROVED
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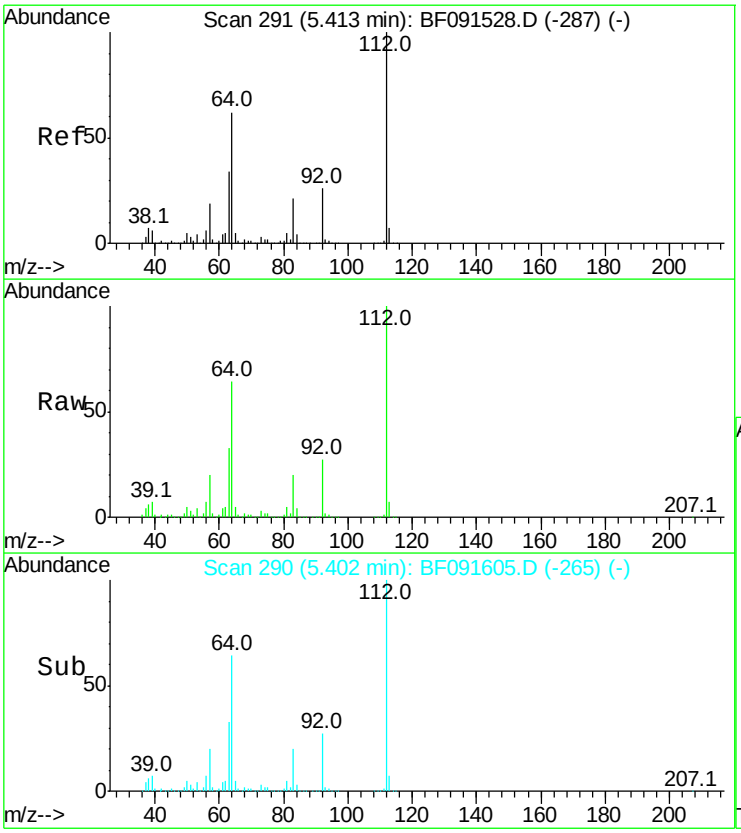
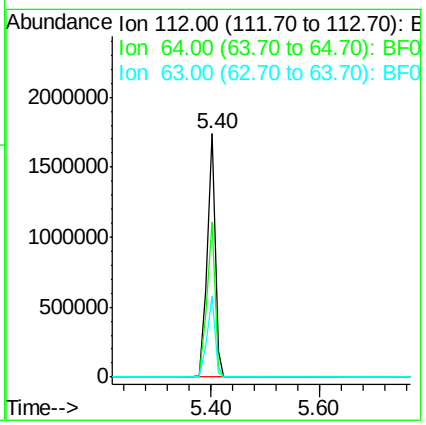
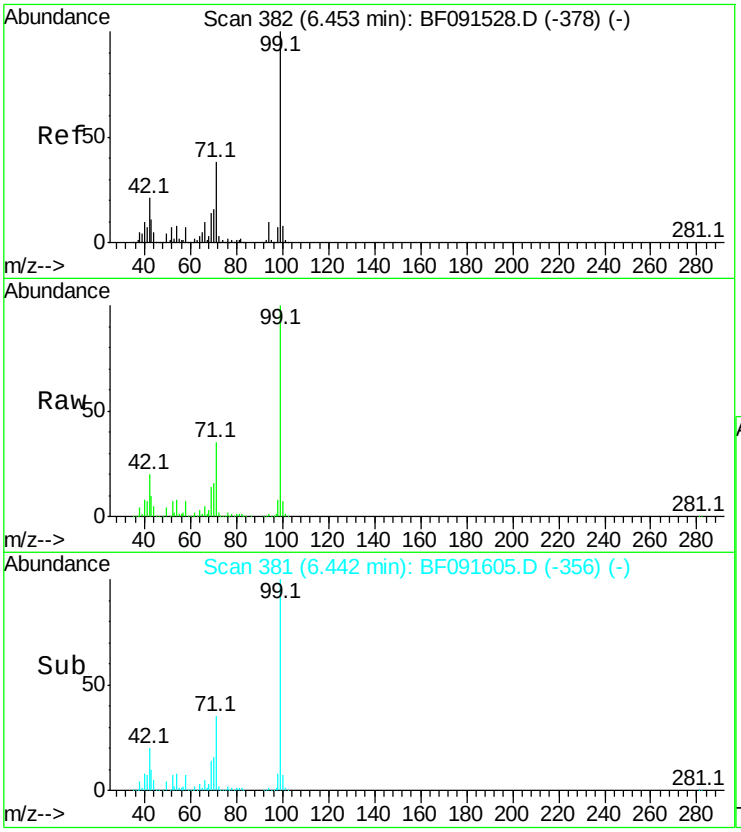


#5
2-Fluorophenol
Concen: 99.46 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:112 Resp: 1763633

Ion	Ratio	Lower	Upper
112	100		
64	63.6	61.5	92.3
63	33.4	33.3	49.9

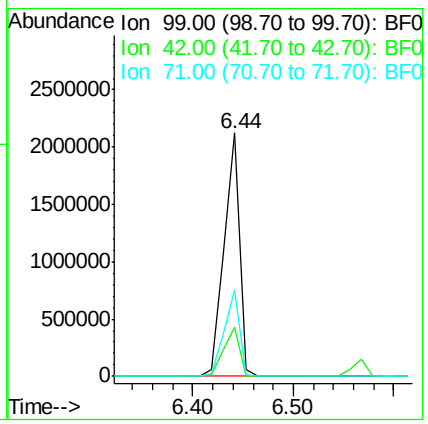




#7
Phenol-d6
Concen: 102.47 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion: 99 Resp: 2265378

Ion	Ratio	Lower	Upper
99	100		
42	19.9	20.6	31.0#
71	35.3	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
WC-10-5-10

Manual Integrations APPROVED
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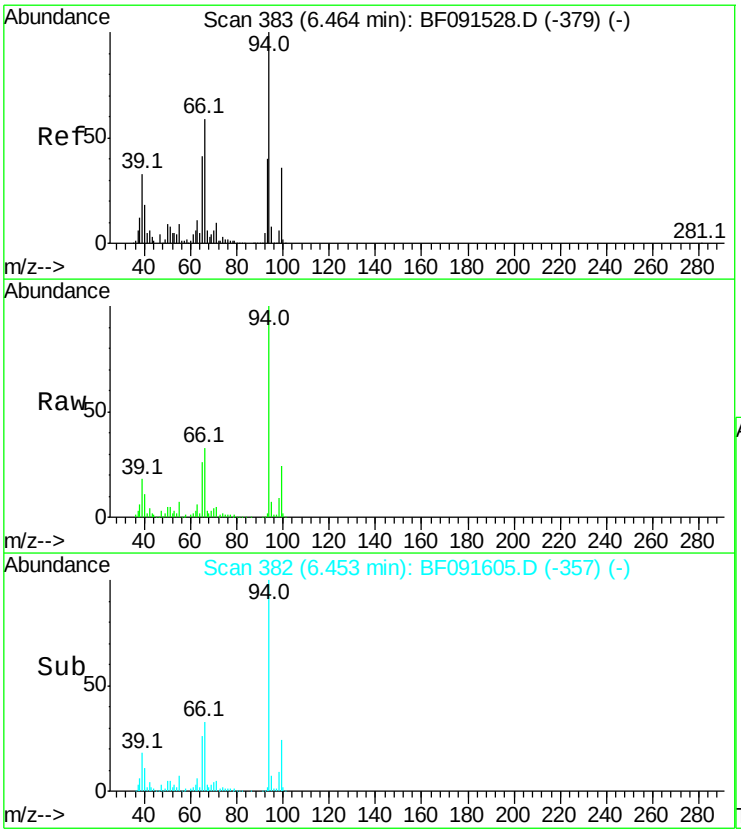
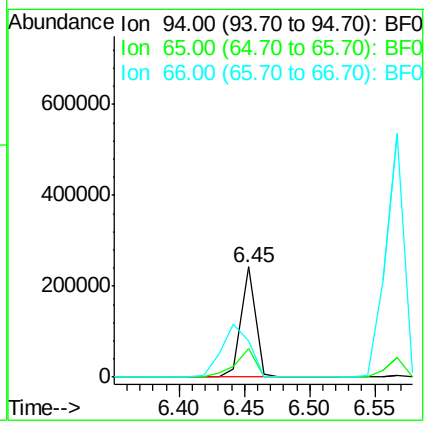
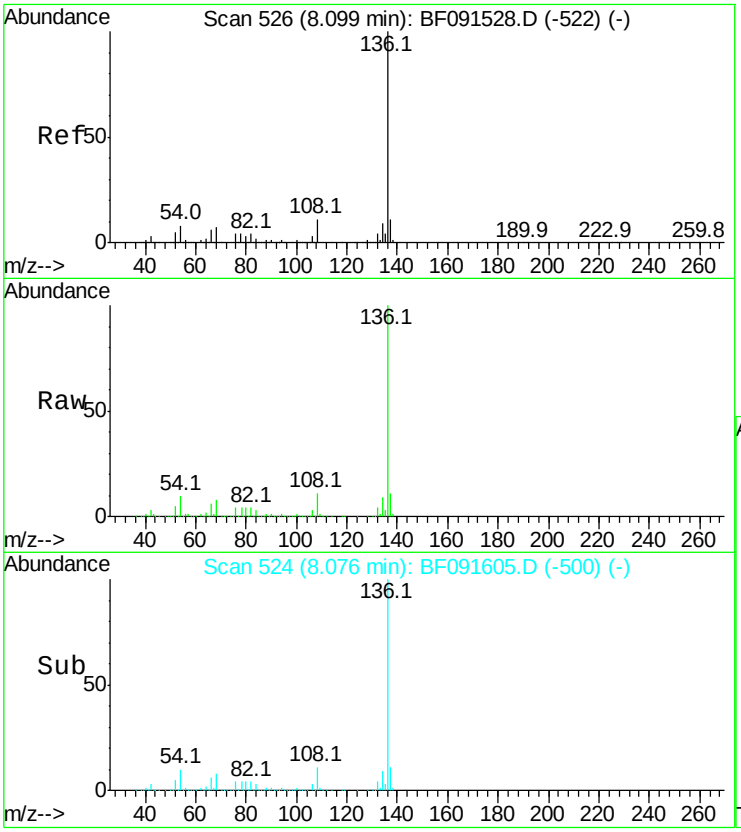


#10
Phenol
Concen: 7.12 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion: 94 Resp: 184060

Ion	Ratio	Lower	Upper
94	100		
65	25.8	16.9	56.9
66	33.0	30.6	70.6

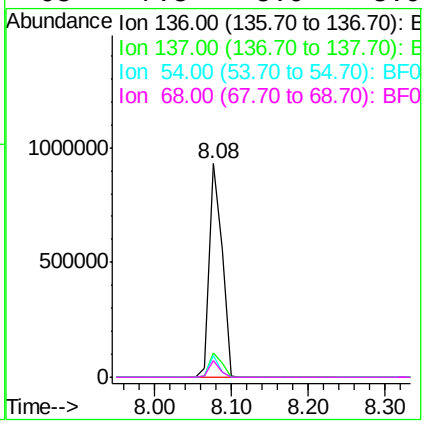




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:136 Resp: 1057568

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.0	9.1	13.7
68	7.8	5.9	8.9



Instrument :
BNA_F
ClientSampleId :
WC-10-5-10

Manual Integrations APPROVED
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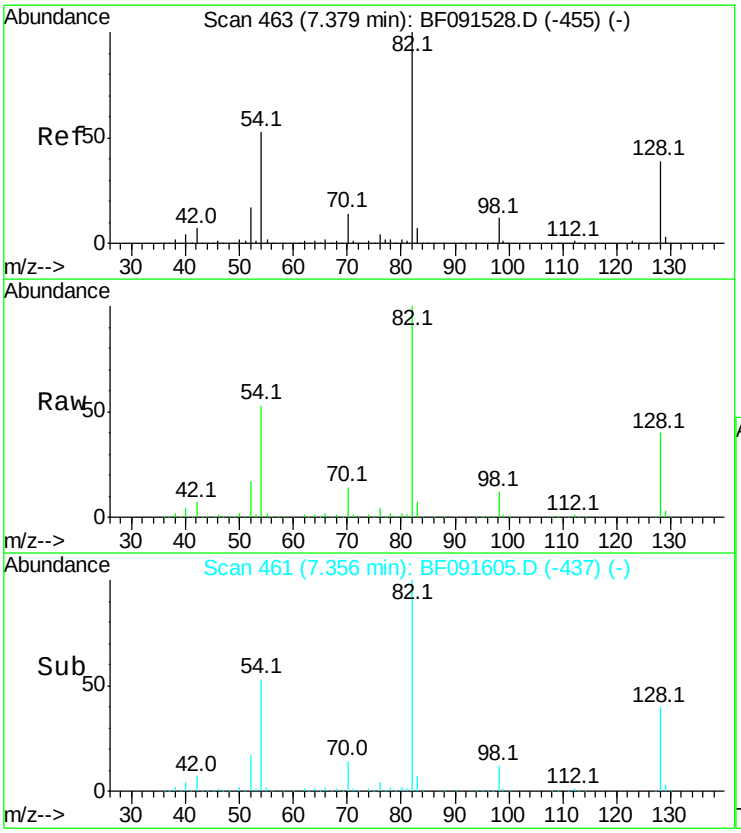
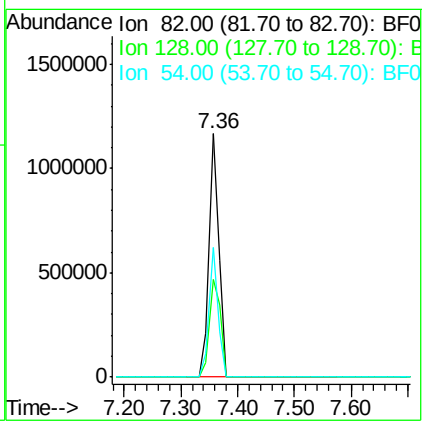
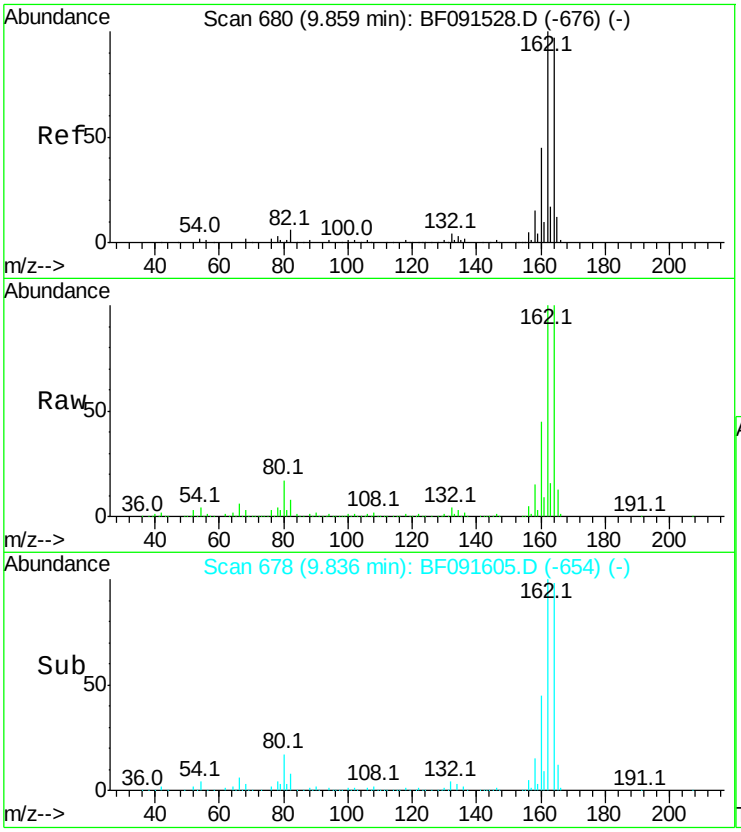


#23
Nitrobenzene-d5
Concen: 70.94 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion: 82 Resp: 1344292

Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.8	47.6
54	53.1	49.1	73.7

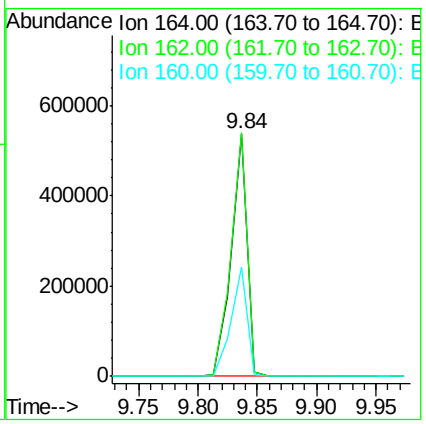




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:164 Resp: 501172

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	124.0
160	45.2	36.7	55.1



Instrument :
BNA_F
ClientSampleId :
WC-10-5-10

Manual Integrations APPROVED
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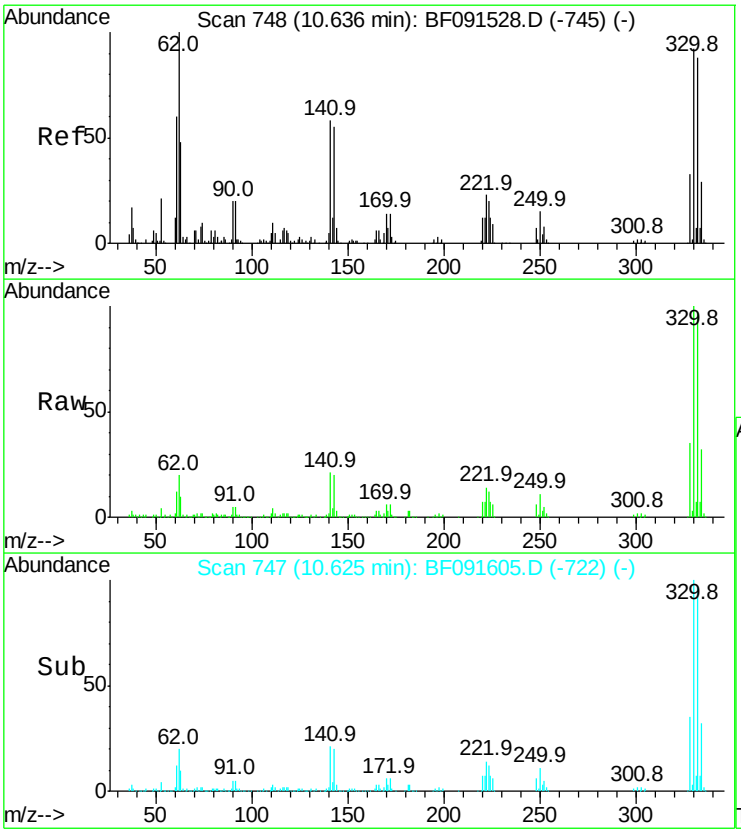
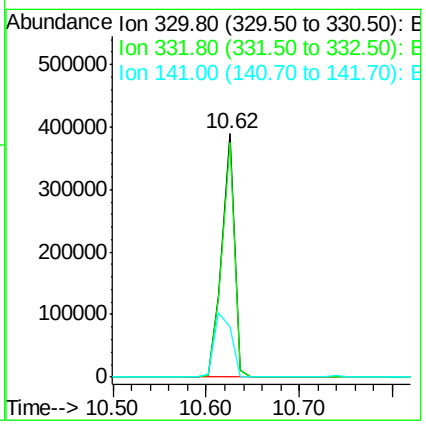
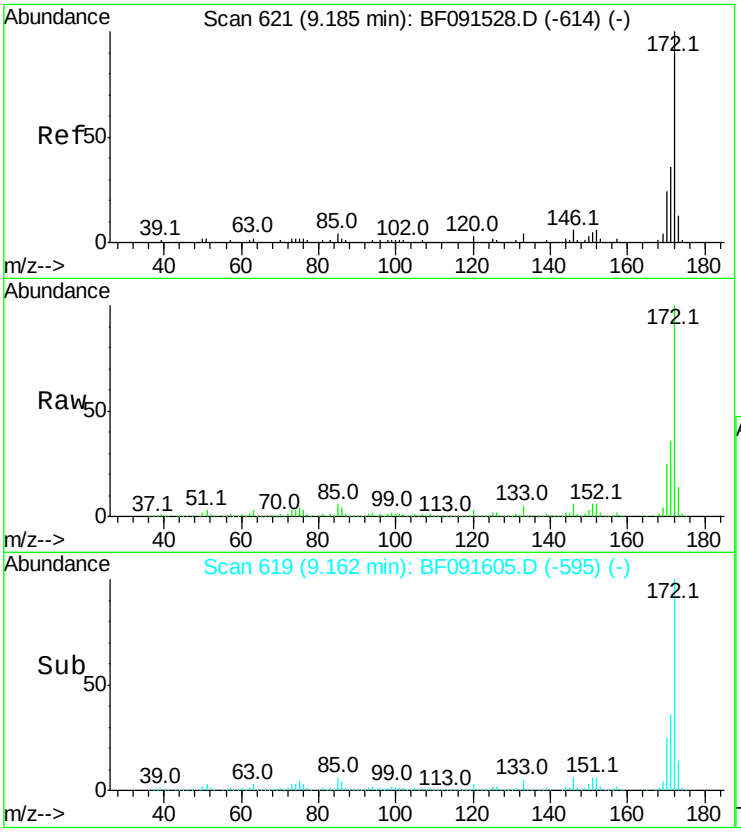


#41
2,4,6-Tribromophenol
Concen: 88.61 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:330 Resp: 368866

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	36.6	33.6	50.4

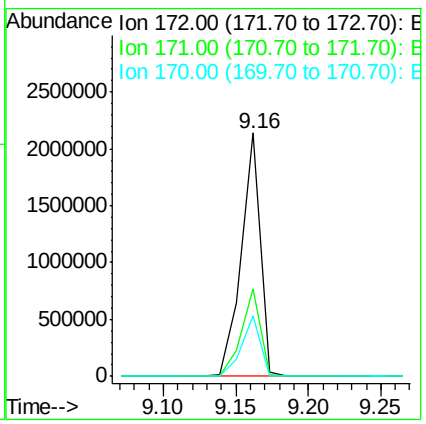




#44
2-Fluorobiphenyl
Concen: 67.43 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:172 Resp: 1955730

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.7	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
WC-10-5-10

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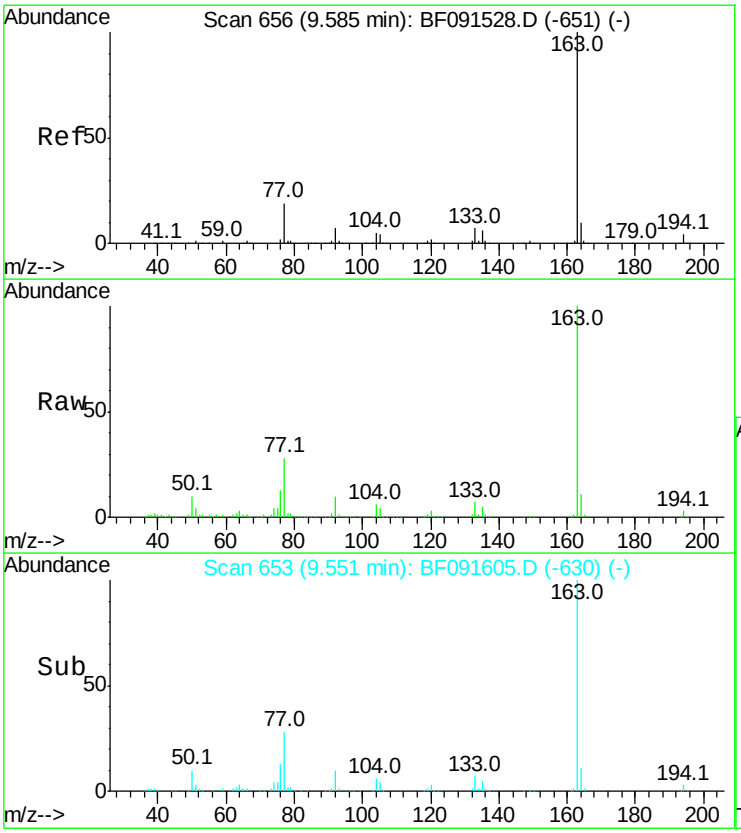
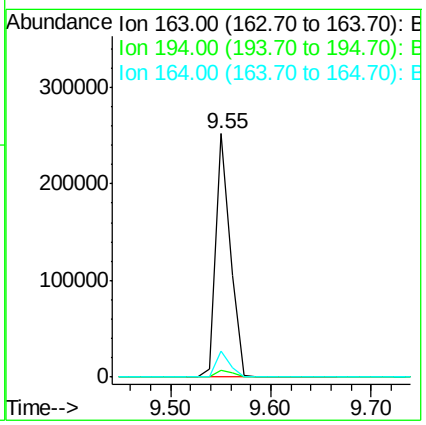
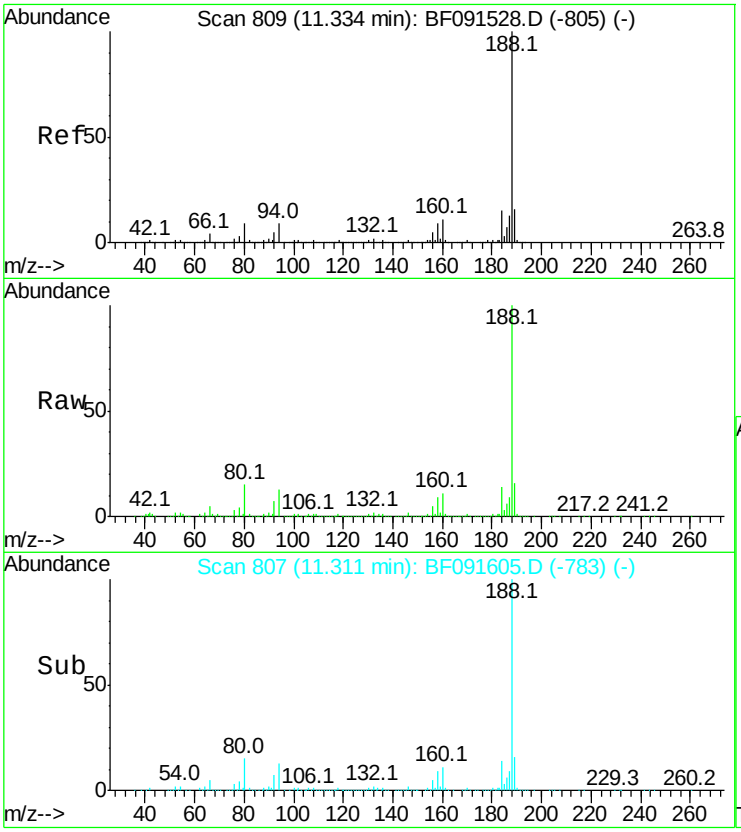


#49
Dimethylphthalate
Concen: 7.94 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:163 Resp: 251845

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.8	7.8	11.8

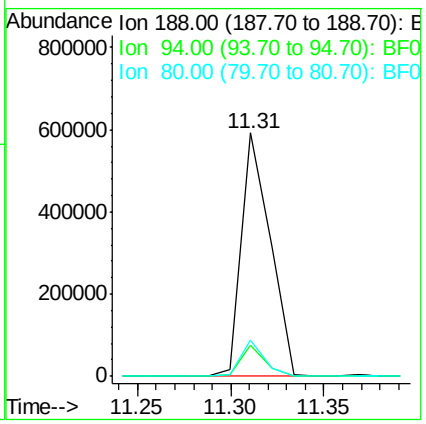




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:188 Resp: 637954

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.2	13.8
80	14.7	10.5	15.7



Instrument :
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ClientSampleId :
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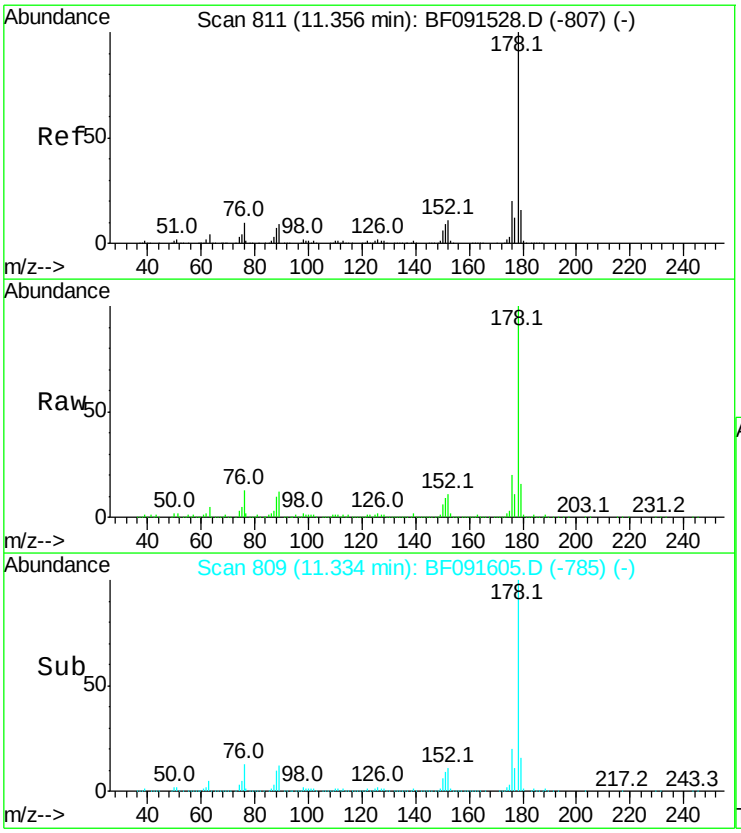
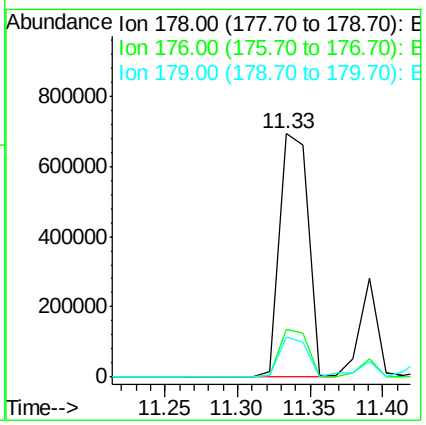
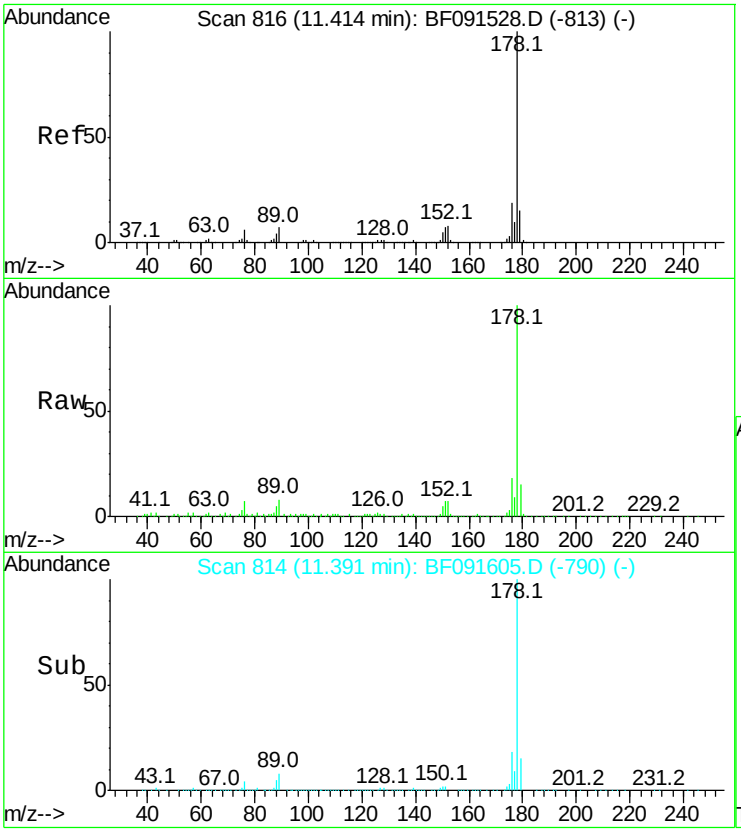


#70
Phenanthrene
Concen: 30.01 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:178 Resp: 947928

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.5	12.6	18.8

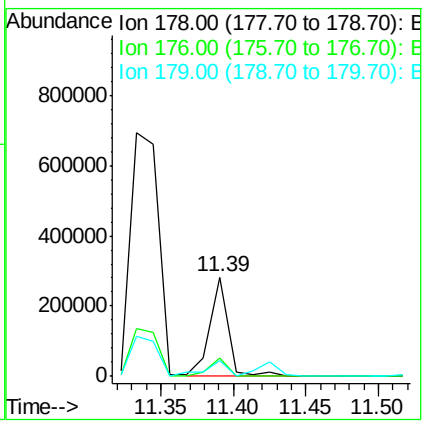




#71
Anthracene
Concen: 7.36 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:178 Resp: 250663

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.6
179	15.4	12.7	19.1



Instrument :
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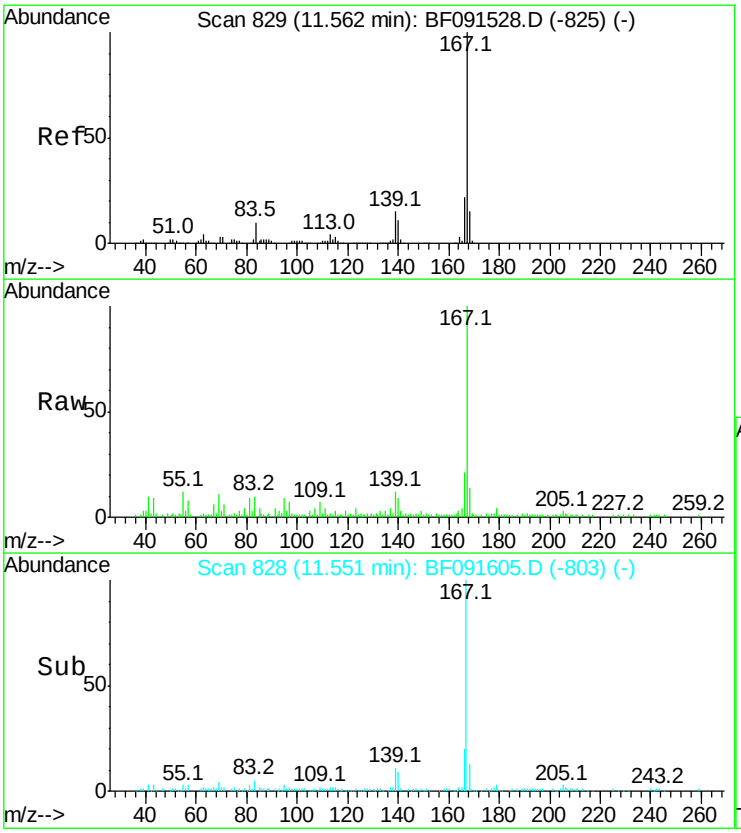
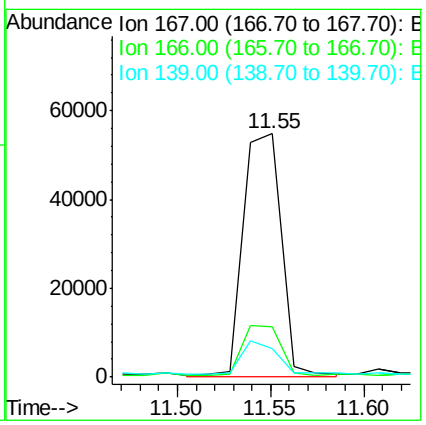
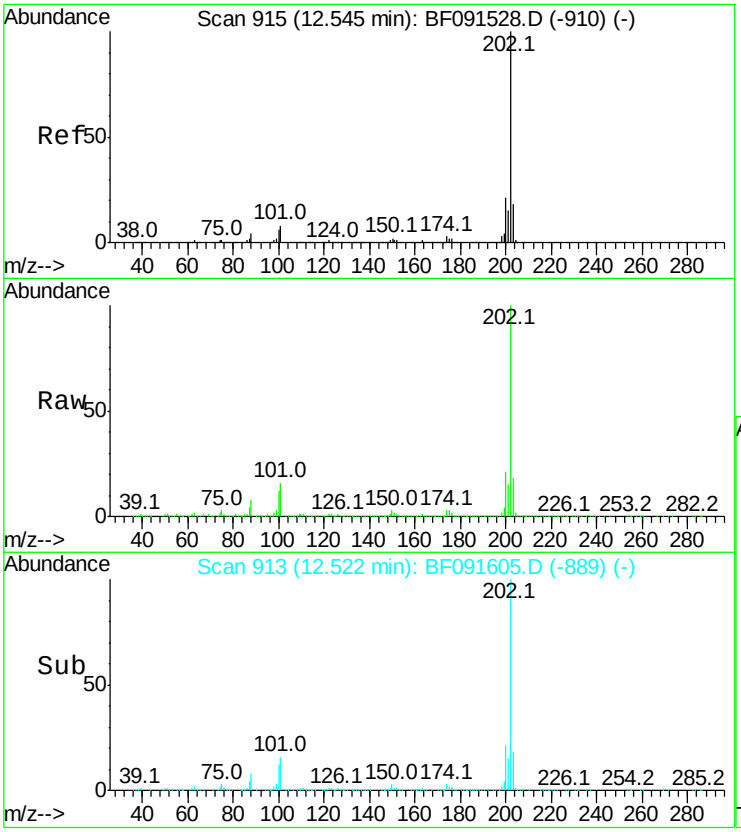


#72
Carbazole
Concen: 2.58 ng
RT: 11.55 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:167 Resp: 76961

Ion	Ratio	Lower	Upper
167	100		
166	20.8	18.1	27.1
139	11.7	11.5	17.3

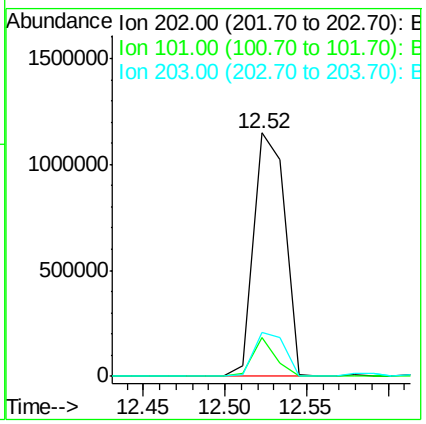




#74
Fluoranthene
Concen: 46.33 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:202 Resp: 1532644

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	29.5
203	17.9	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
WC-10-5-10

Manual Integrations APPROVED
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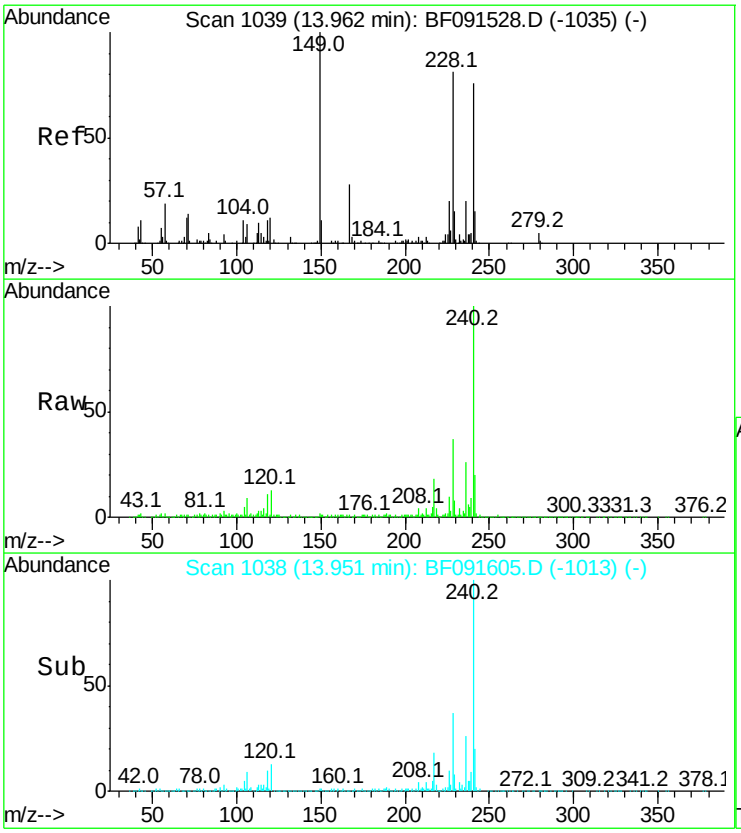
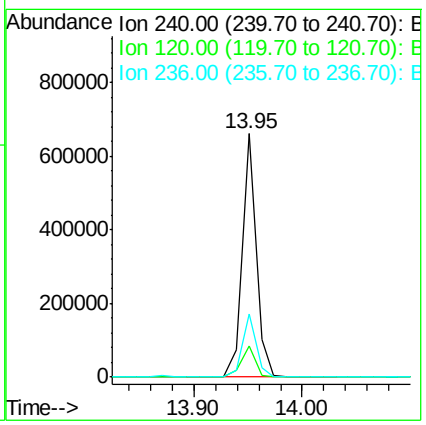
12/15/2016 5:41:12 PM

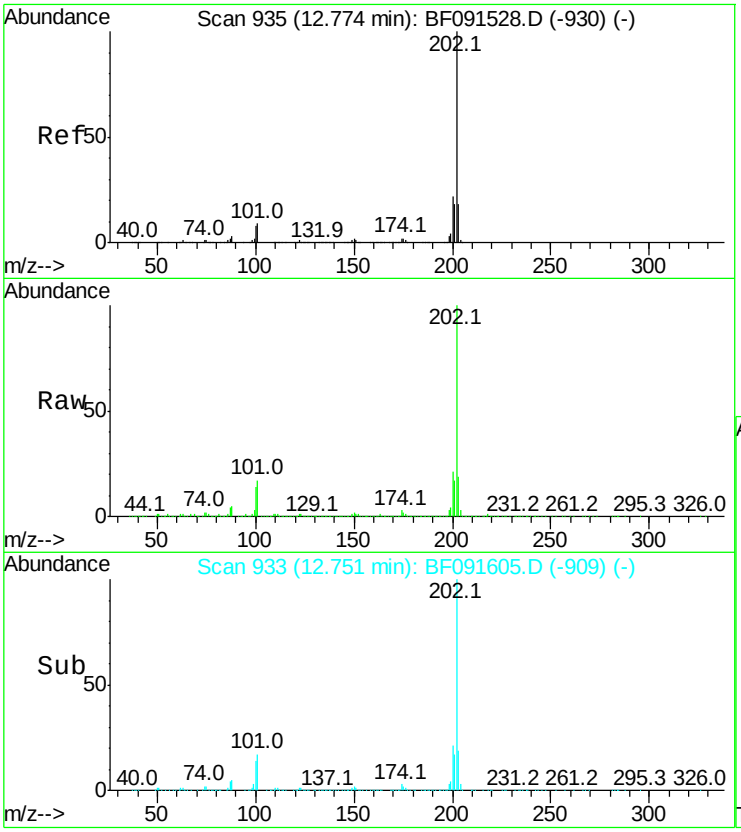


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:240 Resp: 579224

Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.1	18.1
236	26.0	21.0	31.6

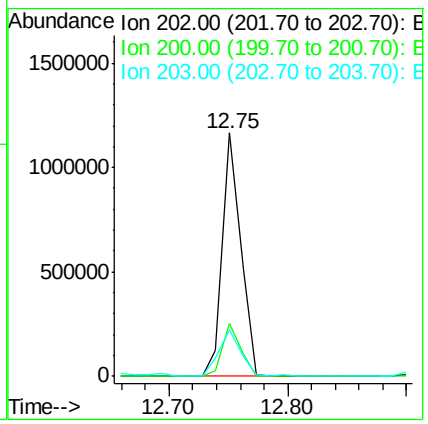




#77
Pyrene
Concen: 27.16 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:202 Resp: 1248154

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.9	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
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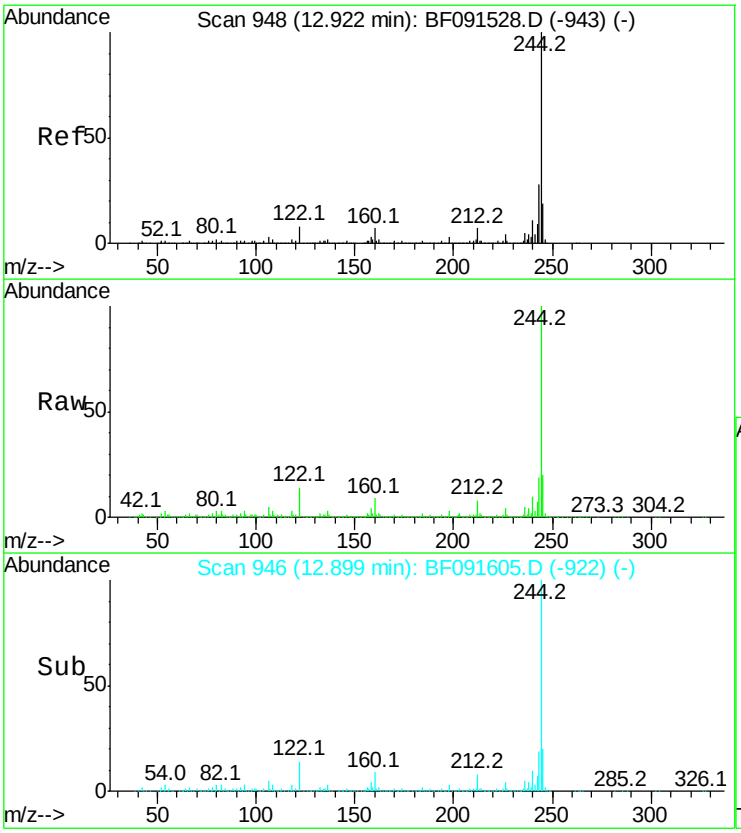
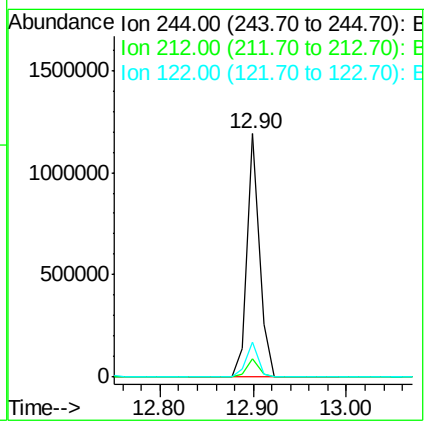
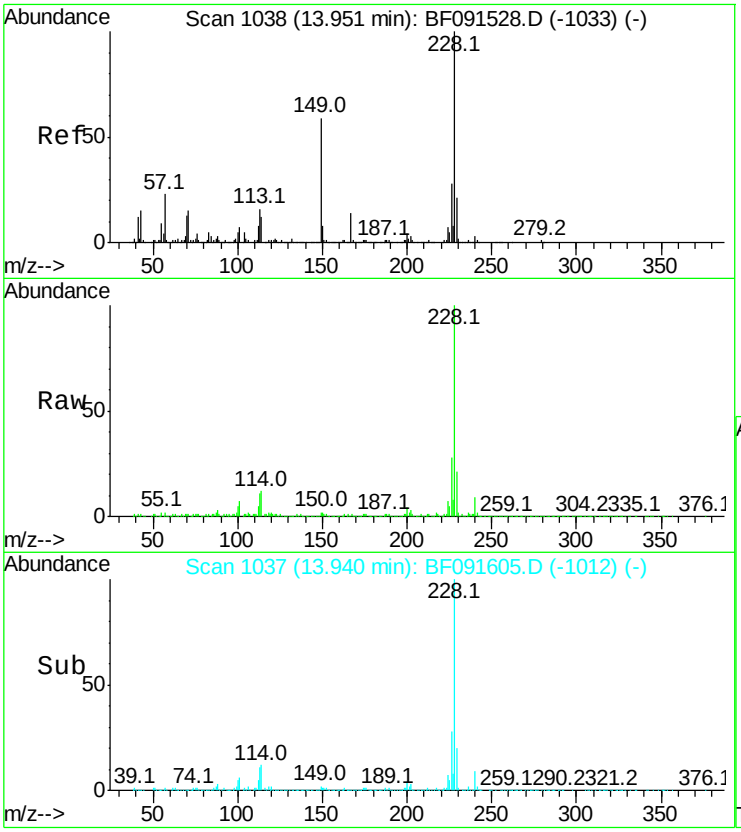


#78
Terphenyl-d14
Concen: 42.98 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:244 Resp: 1097200

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	14.1	9.5	14.3

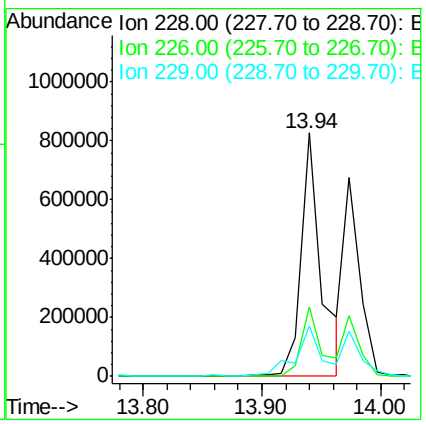




#80
Benzo(a)anthracene
Concen: 28.92 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:228 Resp: 972819

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	20.7	16.4	24.6



Instrument :
BNA_F
ClientSampleId :
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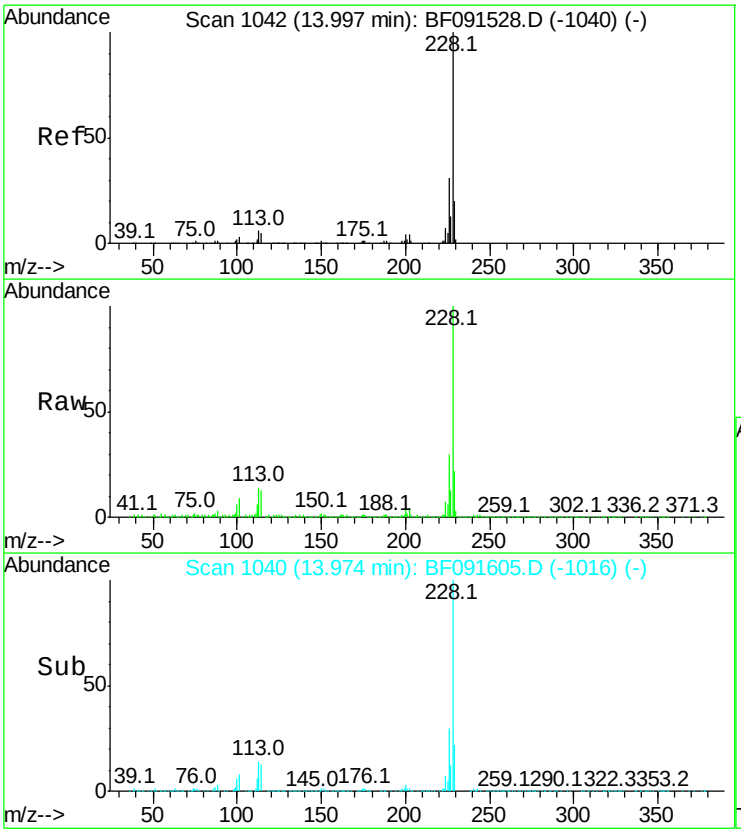
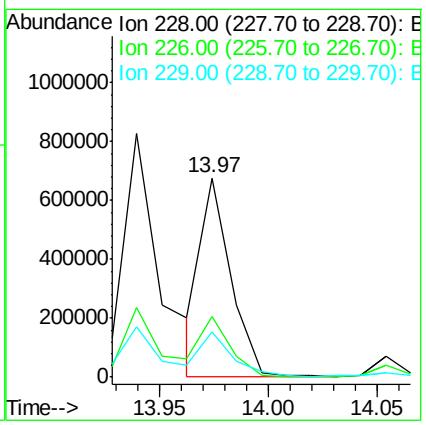
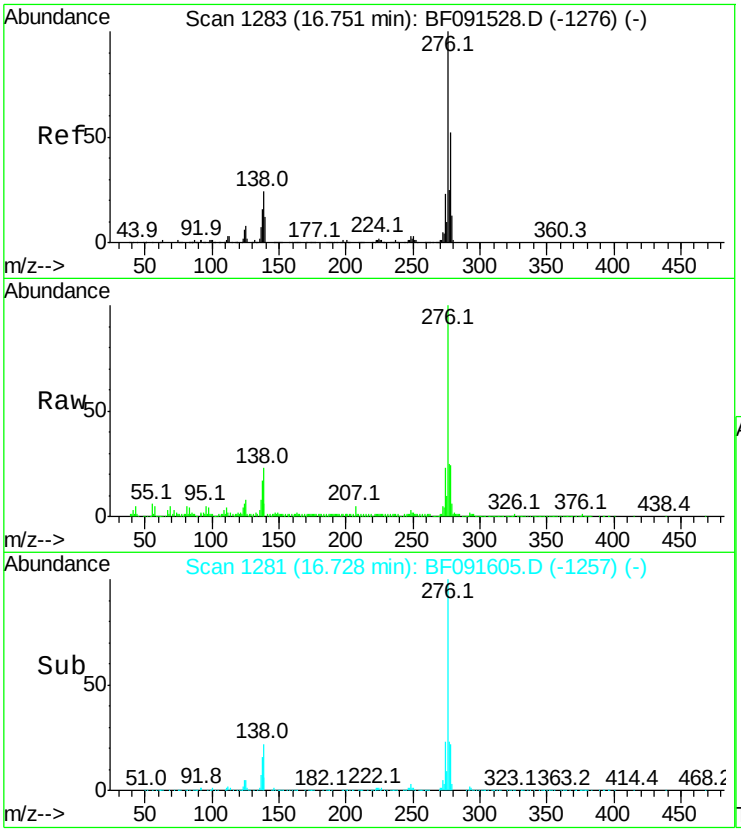


#82
Chrysene
Concen: 18.30 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:228 Resp: 643873

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	22.5	16.0	24.0

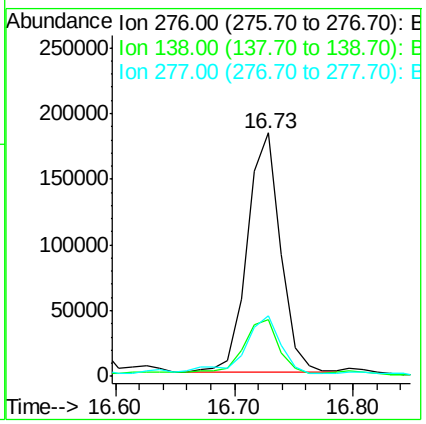




#85
Indeno(1,2,3-cd)pyrene
Concen: 11.29 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:276 Resp: 357503

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.0	31.4
277	28.3	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
WC-10-5-10

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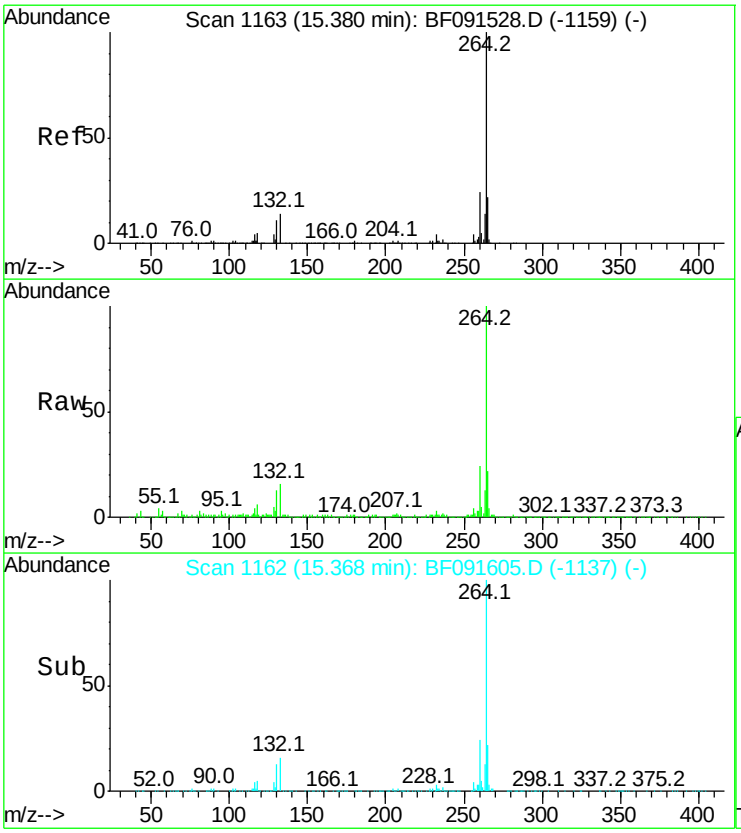
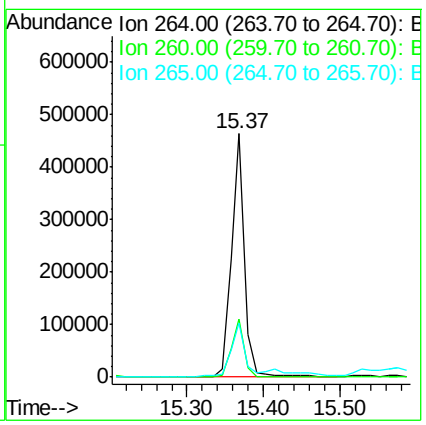
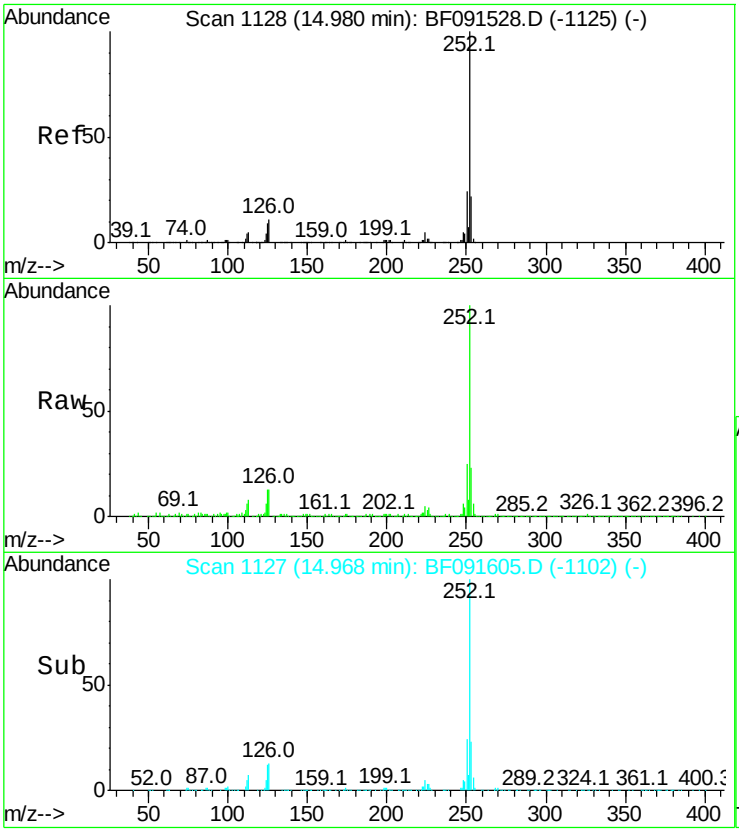


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:264 Resp: 555750

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.5	17.0	25.6

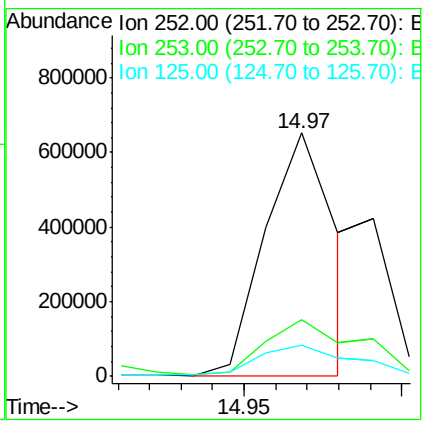




#87
Benzo(b)fluoranthene
Concen: 30.42 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:252 Resp: 1007899

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	12.6	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
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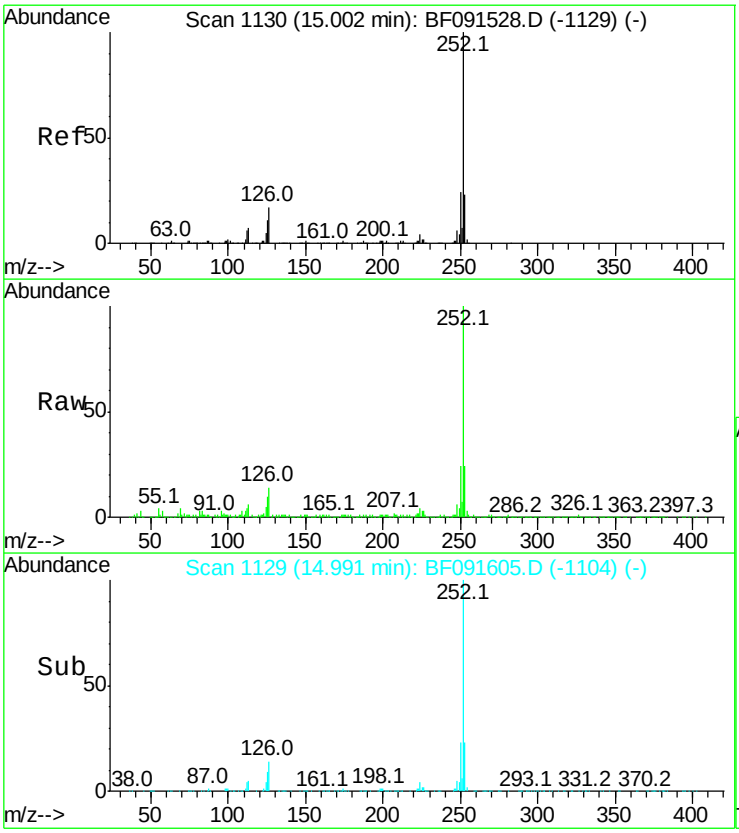
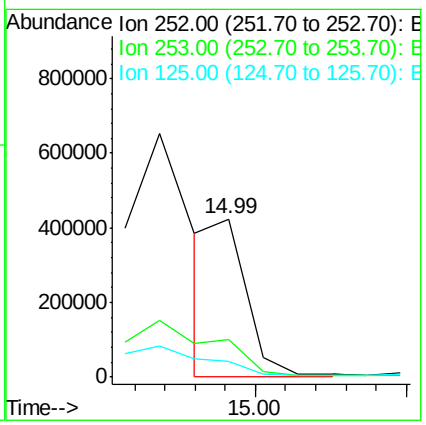
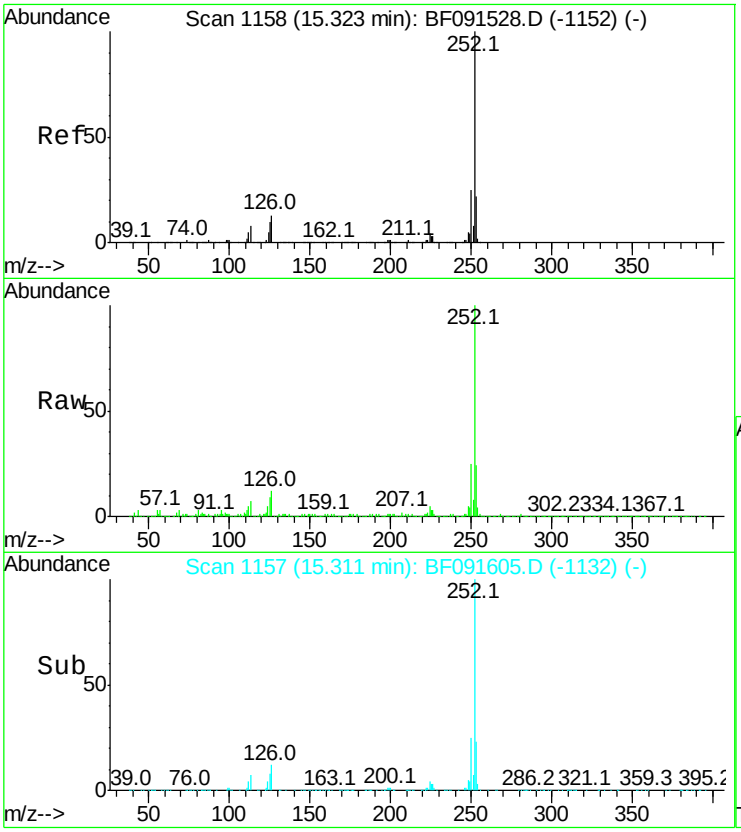


#88
Benzo(k)fluoranthene
Concen: 11.58 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:252 Resp: 337251

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	9.9	9.6	14.4

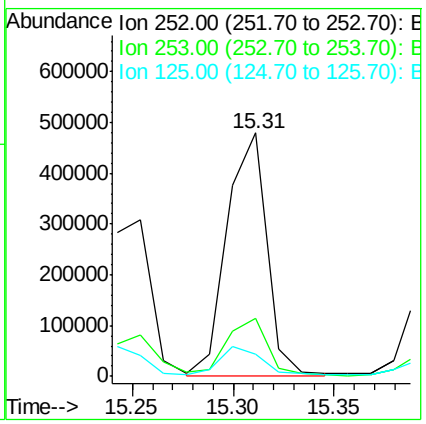




#89
Benzo(a)pyrene
Concen: 22.13 ng m
RT: 15.31 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:252 Resp: 660407

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	9.3	10.4	15.6#



Instrument :
BNA_F
ClientSampleId :
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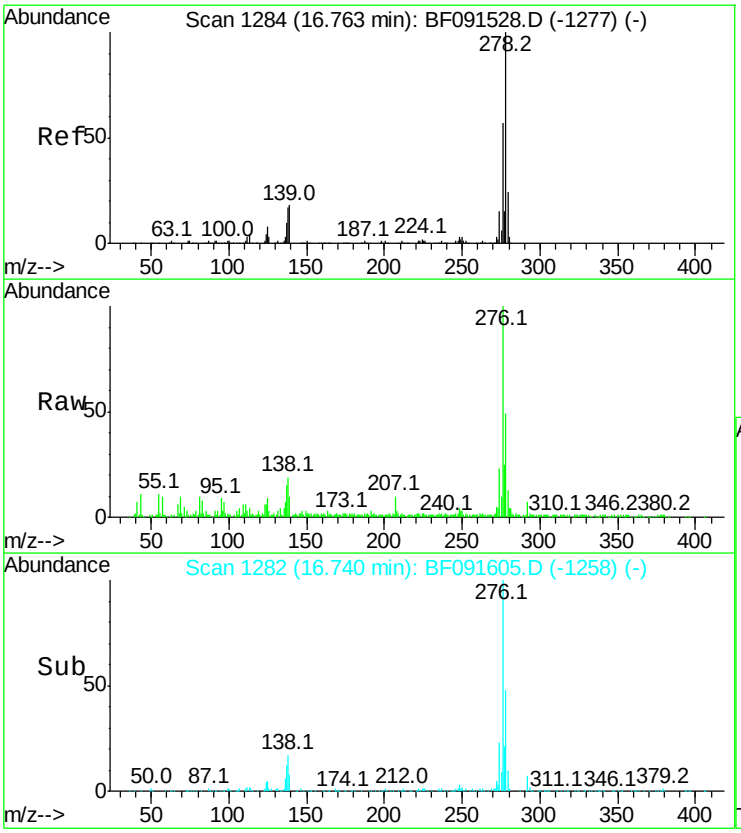
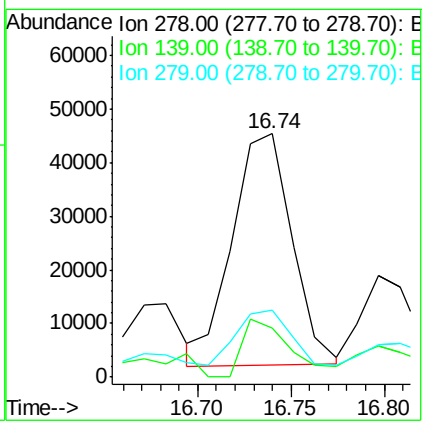
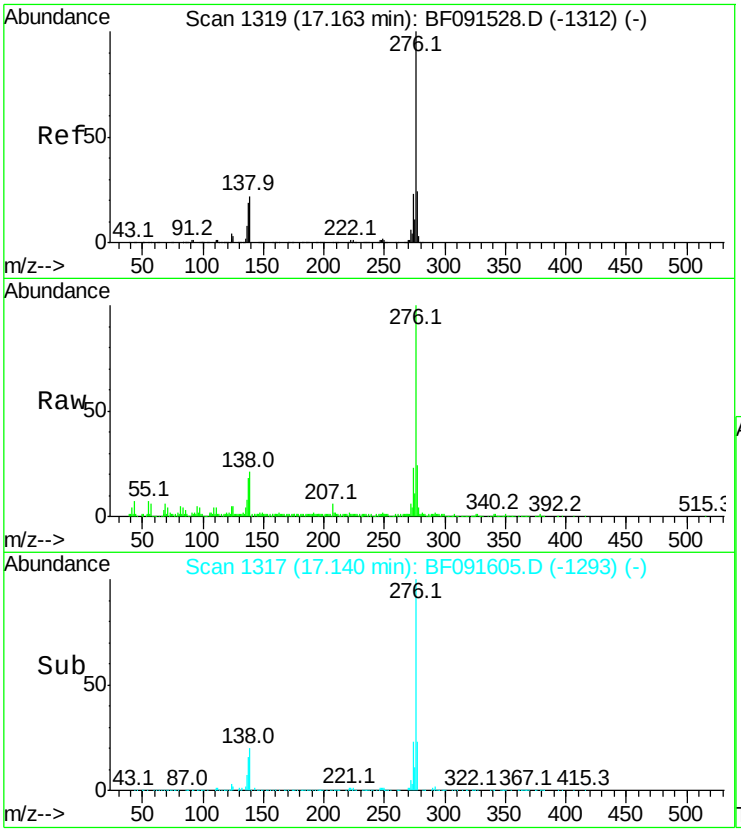


#90
Dibenzo(a,h)anthracene
Concen: 3.61 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:278 Resp: 96544

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.1	22.7
279	27.3	19.0	28.6

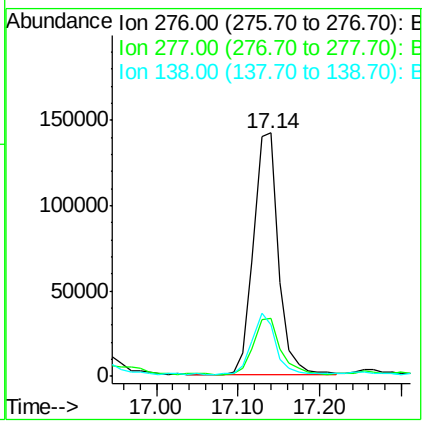




#91
Benzo(g,h,i)perylene
Concen: 11.17 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF091605.D
Acq: 15 Dec 2016 00:53

Tgt Ion:276 Resp: 303989

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.2	15.4	23.0



Instrument :
BNA_F
ClientSampleId :
WC-10-5-10

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