Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083654.D
Acq On : 9 Dec 2015 22:31
Operator : UM/IZ
Sample : G4585-03DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-14(0-8)DL

Manual Integrations APPROVED
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12/10/2015 5:50:11 PM

Quant Time: Dec 10 03:36:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	219733	20.00	ng		-0.02
21) Naphthalene-d8	7.57	136	827003	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	380558	20.00	ng		-0.02
63) Phenanthrene-d10	12.76	188	599542	20.00	ng		-0.02
75) Chrysene-d12	16.97	240	485589	20.00	ng		-0.02
86) Perylene-d12	18.61	264	410862	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.96	112	735481	50.77	ng		-0.01
7) Phenol-d6	5.24	99	1035246	53.48	ng		-0.03
23) Nitrobenzene-d5	6.51	82	631148	35.61	ng		-0.02
41) 2,4,6-Tribromophenol	11.65	330	139966	41.28	ng		-0.03
44) 2-Fluorobiphenyl	9.32	172	1007731	37.27	ng		-0.02
78) Terphenyl-d14	15.39	244	678858	32.89	ng		-0.02
Target Compounds							Qvalue
48) Acenaphthylene	10.14	152	92109	2.24	ng		98
49) Dimethylphthalate	10.01	163	222366	7.34	ng		99
70) Phenanthrene	12.80	178	311134	9.03	ng		100
74) Fluoranthene	14.73	202	858354	24.36	ng		99
77) Pyrene	15.08	202	1061726	30.37	ng		98
80) Benzo(a)anthracene	16.96	228	472696m	16.63	ng		
82) Chrysene	17.01	228	552781	19.40	ng		100
85) Indeno(1,2,3-cd)pyrene	19.85	276	329451	17.13	ng	#	100
87) Benzo(b)fluoranthene	18.24	252	750616m	32.08	ng		
88) Benzo(k)fluoranthene	18.27	252	178842m	6.94	ng		
89) Benzo(a)pyrene	18.57	252	384371m	16.84	ng		
90) Dibenzo(a,h)anthracene	19.86	278	76428m	4.38	ng		
91) Benzo(g,h,i)perylene	20.20	276	351598	20.66	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083654.D
Acq On : 9 Dec 2015 22:31
Operator : UM/IZ
Sample : G4585-03DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 10 03:36:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

Manual Integrations APPROVED
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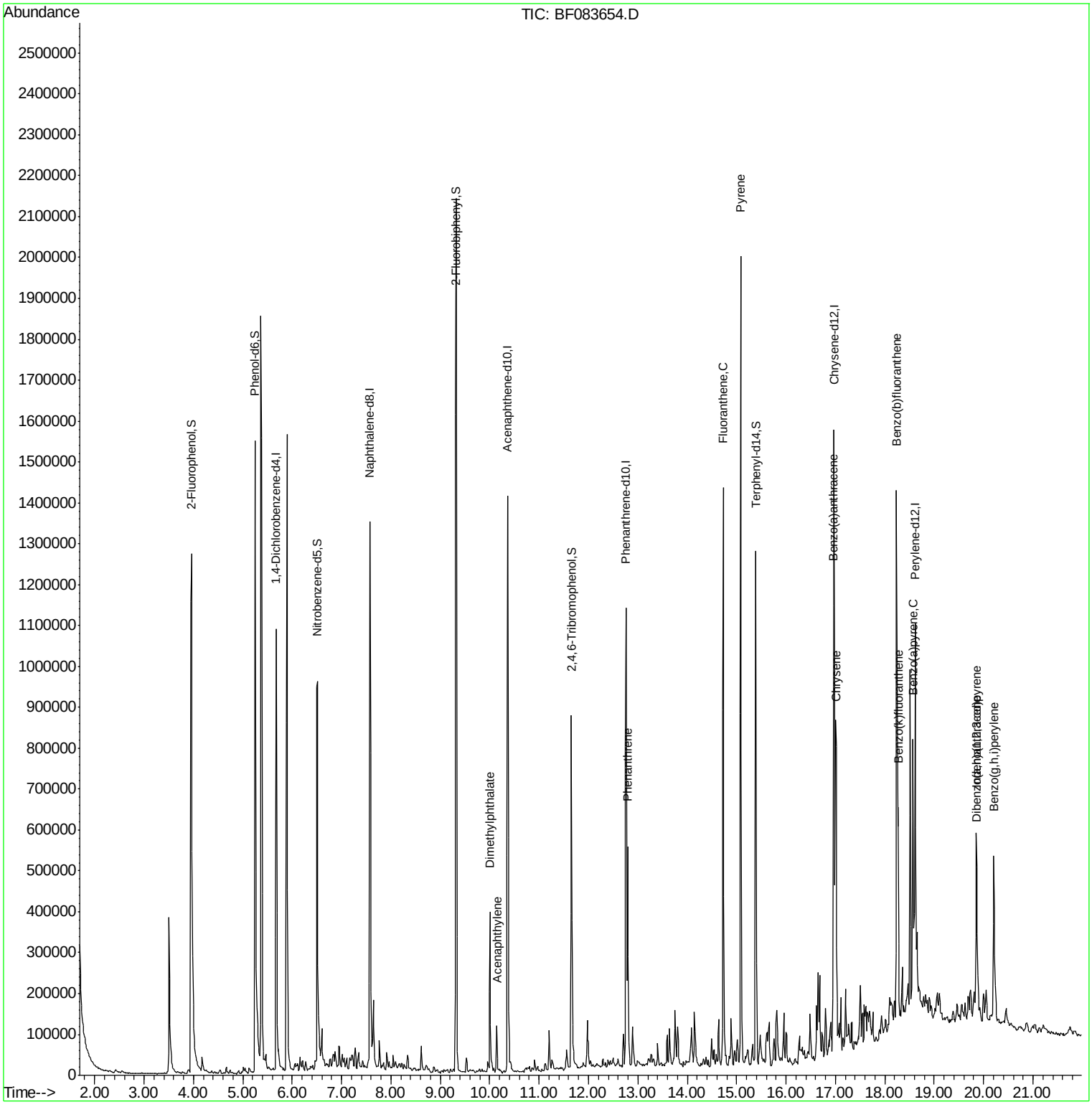
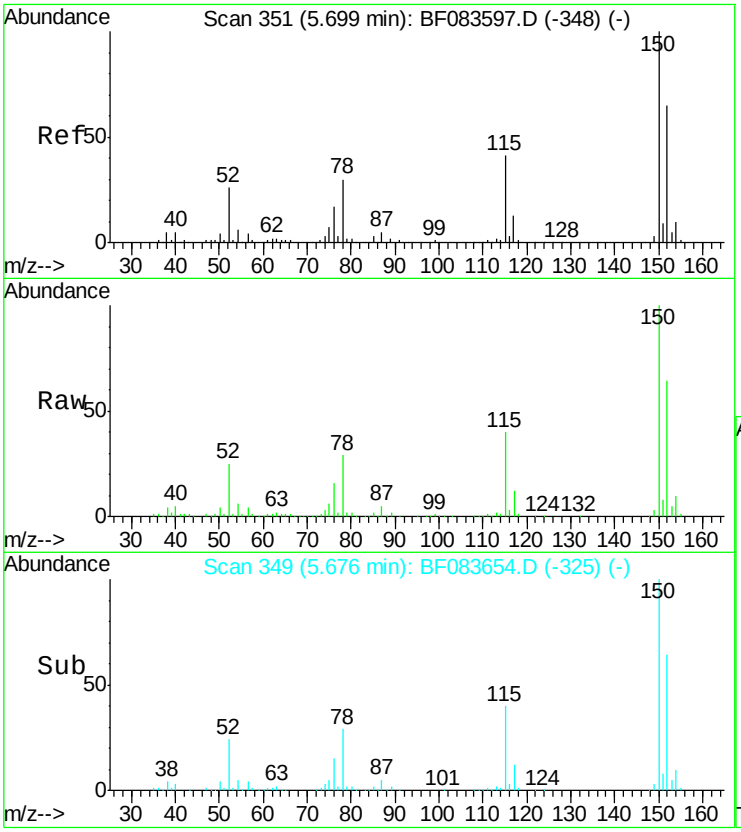
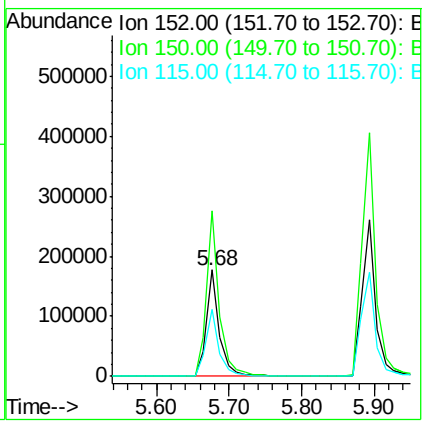




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:152 Resp: 219733

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.5	189.7
115	63.0	52.3	78.5



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

Manual Integrations APPROVED
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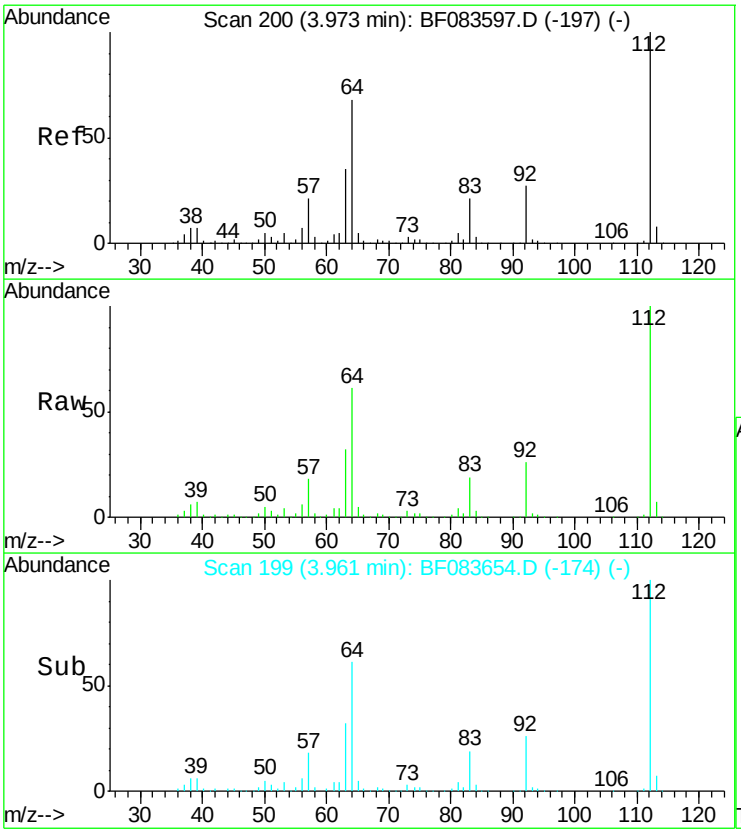
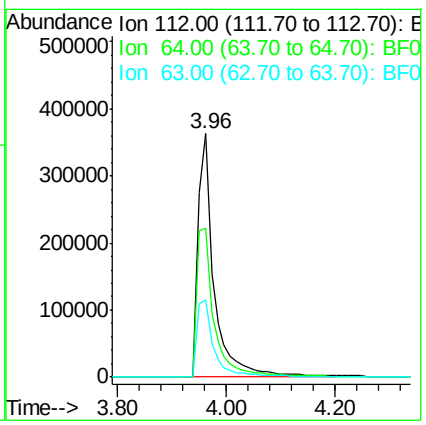
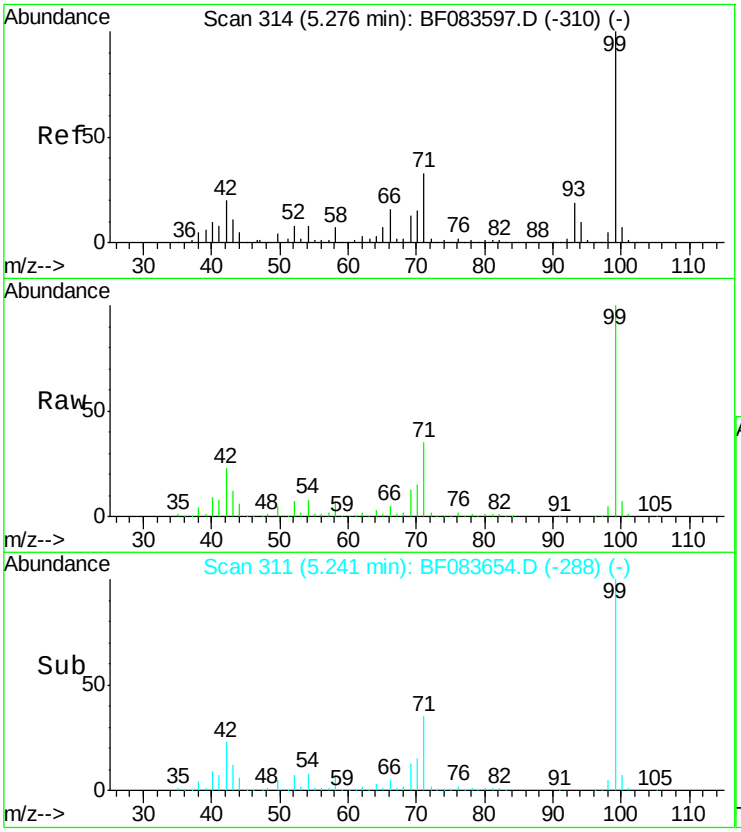


#5
2-Fluorophenol
Concen: 50.77 ng
RT: 3.96 min Scan# 199
Delta R.T. -0.01 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:112 Resp: 735481

Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.5	75.7
63	31.8	25.8	38.6

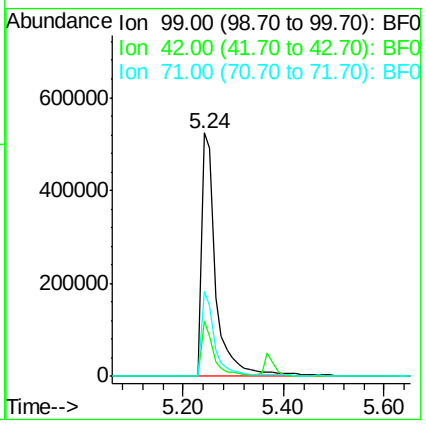




#7
Phenol-d6
Concen: 53.48 ng
RT: 5.24 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion: 99 Resp: 1035246

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.3	25.9
71	34.7	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

Manual Integrations APPROVED
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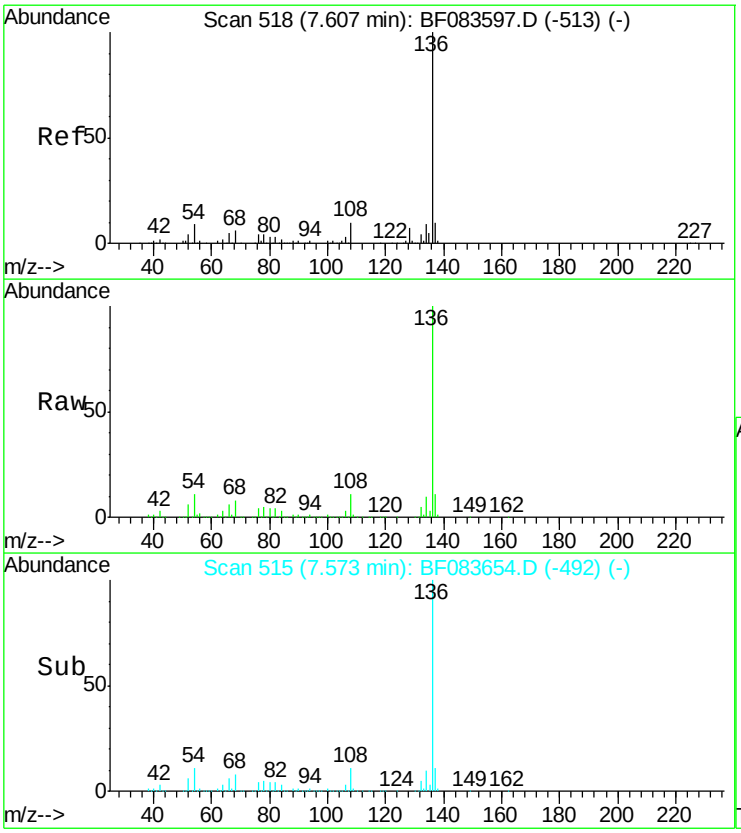
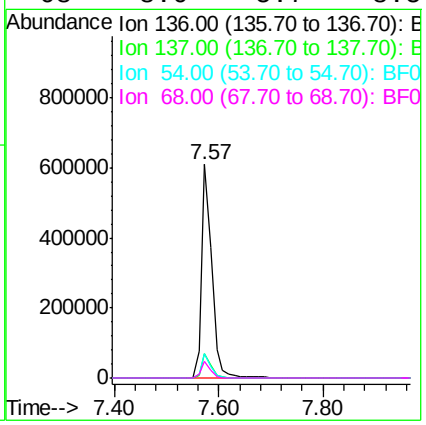
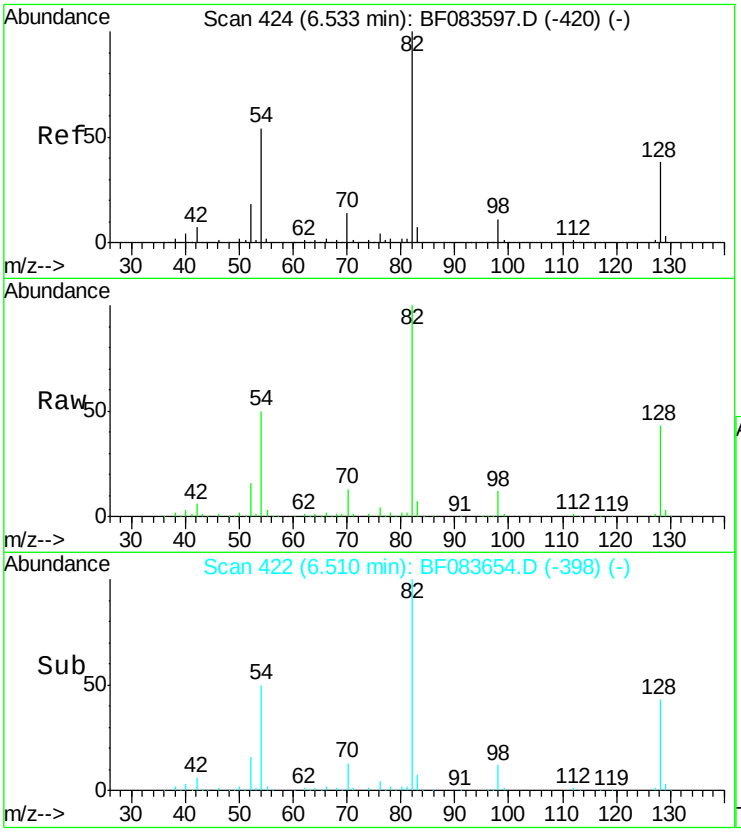


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.57 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:136 Resp: 827003

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.4	7.8	11.6
68	8.0	5.7	8.5

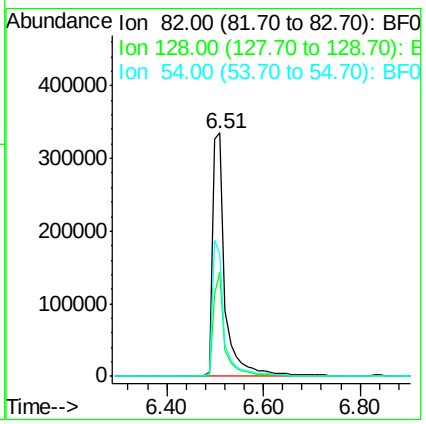




#23
Nitrobenzene-d5
Concen: 35.61 ng
RT: 6.51 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion: 82 Resp: 631148

Ion	Ratio	Lower	Upper
82	100		
128	43.0	30.7	46.1
54	50.3	42.5	63.7



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

Manual Integrations APPROVED
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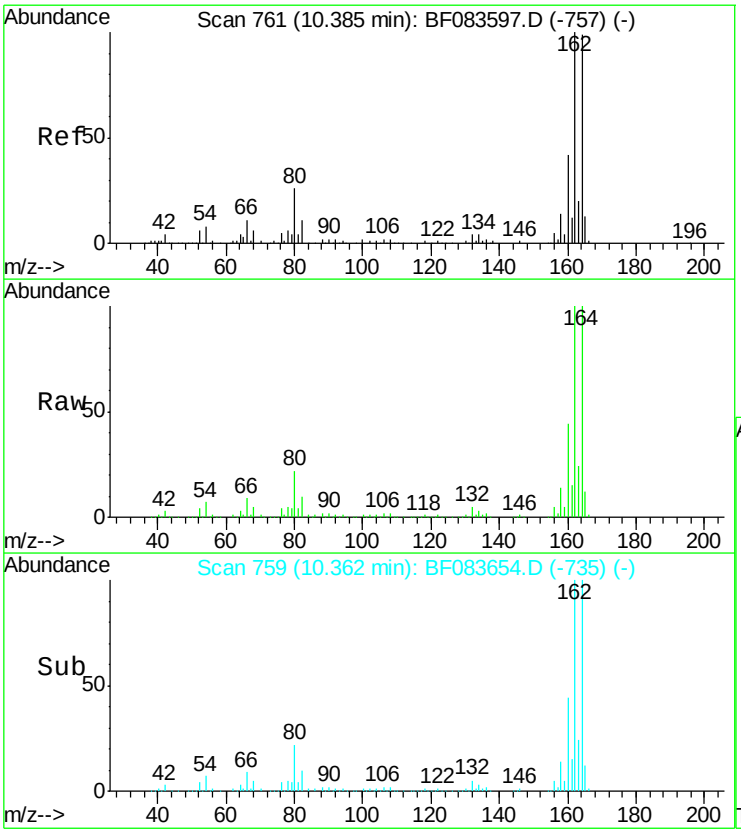
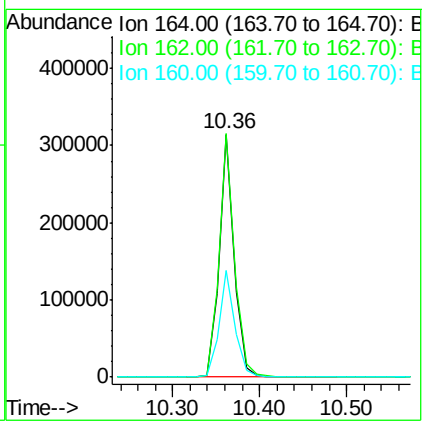
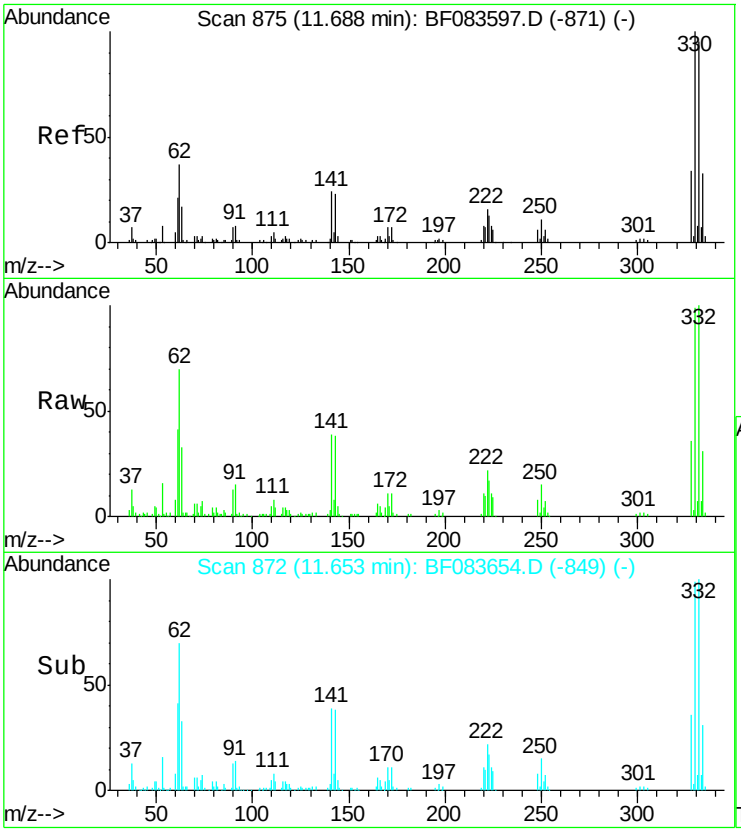


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:164 Resp: 380558

Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	43.8	33.4	50.2

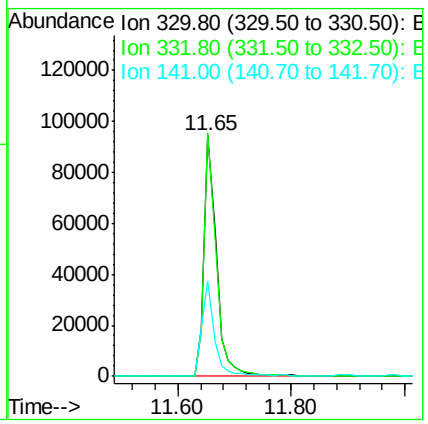




#41
2,4,6-Tribromophenol
Concen: 41.28 ng
RT: 11.65 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:330 Resp: 139966

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	40.3	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

Manual Integrations APPROVED
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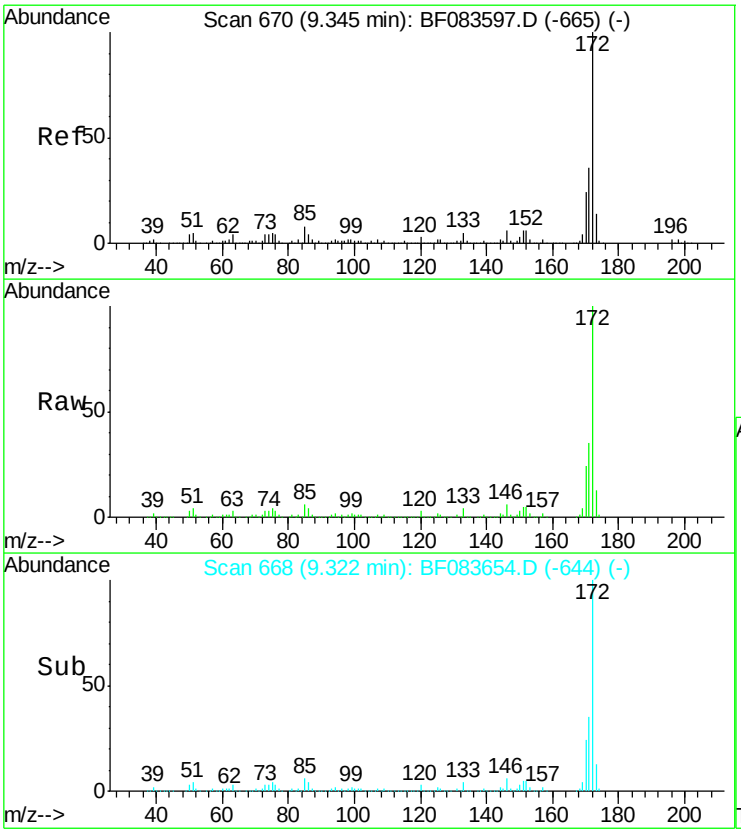
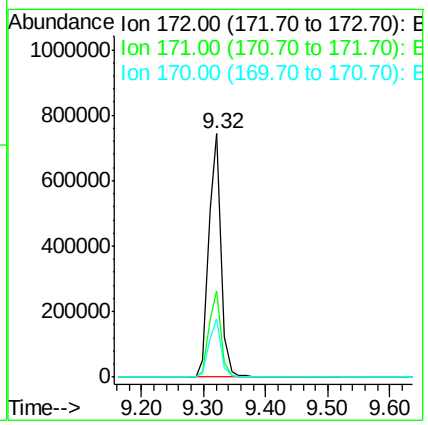
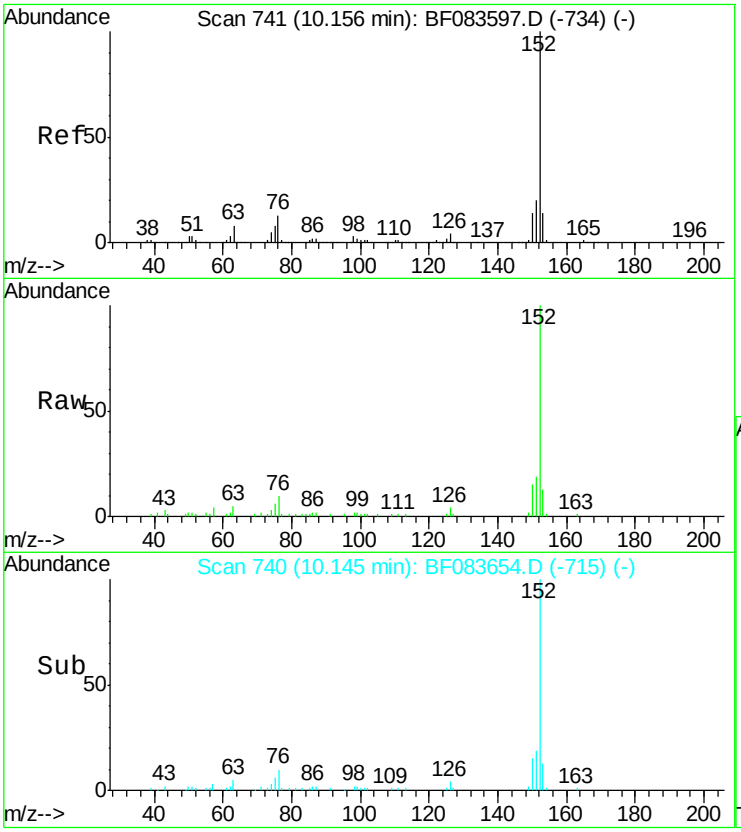


#44
2-Fluorobiphenyl
Concen: 37.27 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:172 Resp: 1007731

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.8	19.4	29.0

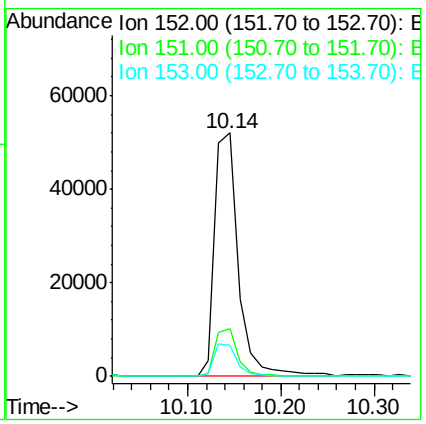




#48
Acenaphthylene
Concen: 2.24 ng
RT: 10.14 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:152 Resp: 92109

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	12.8	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

Manual Integrations APPROVED
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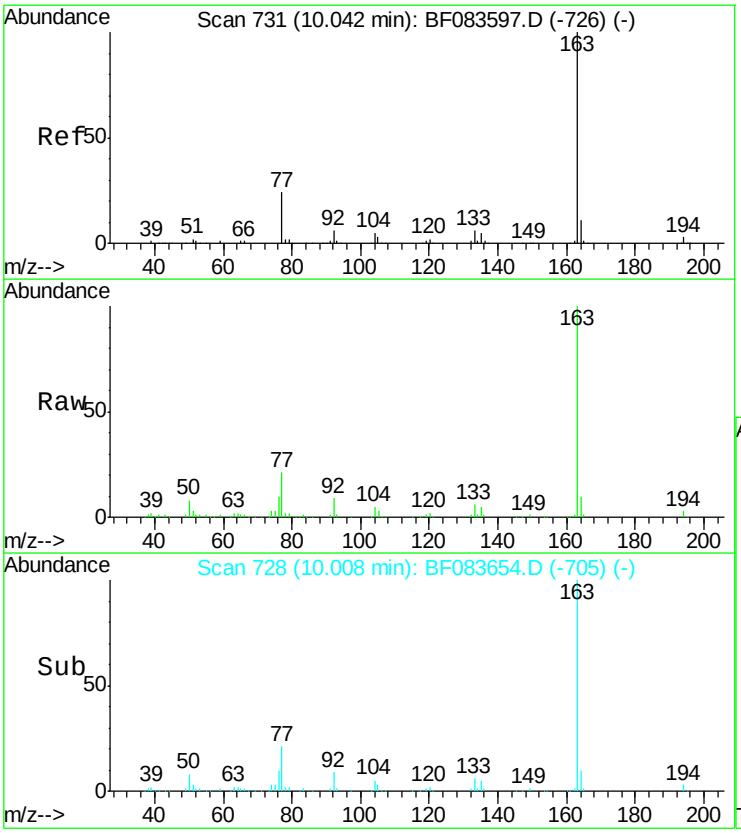
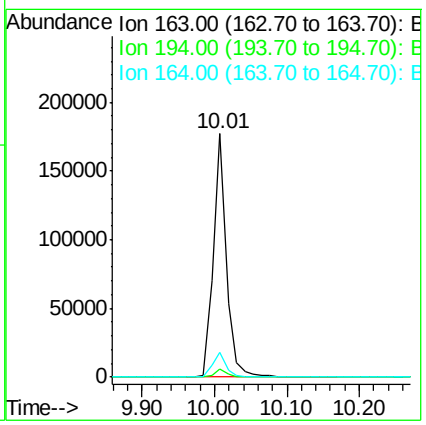
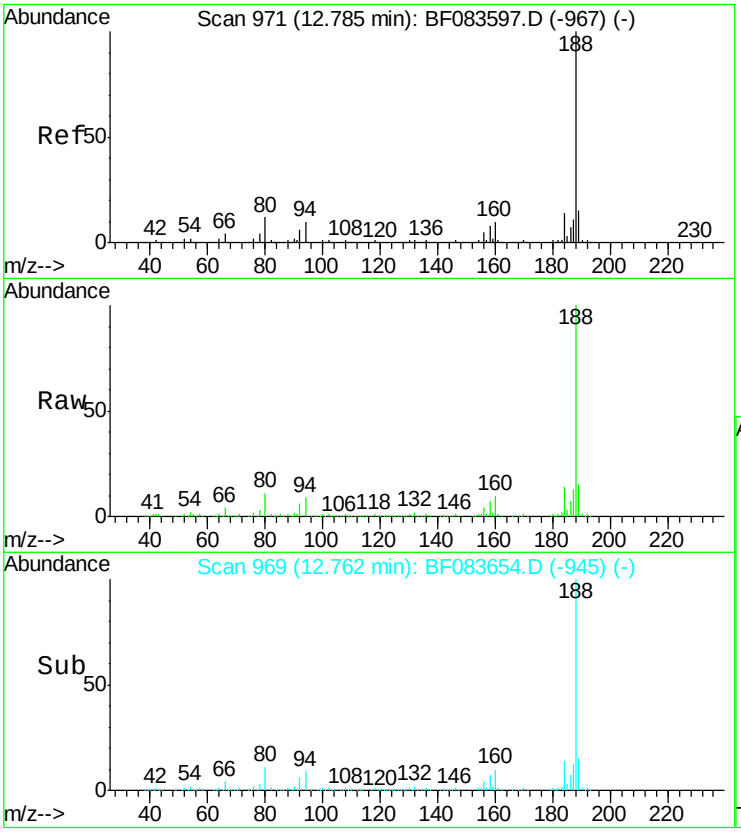


#49
Dimethylphthalate
Concen: 7.34 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:163 Resp: 222366

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.2	8.6	13.0

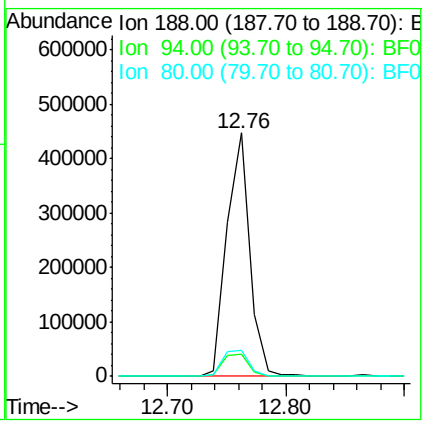




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:188 Resp: 599542

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	10.8	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

Manual Integrations APPROVED
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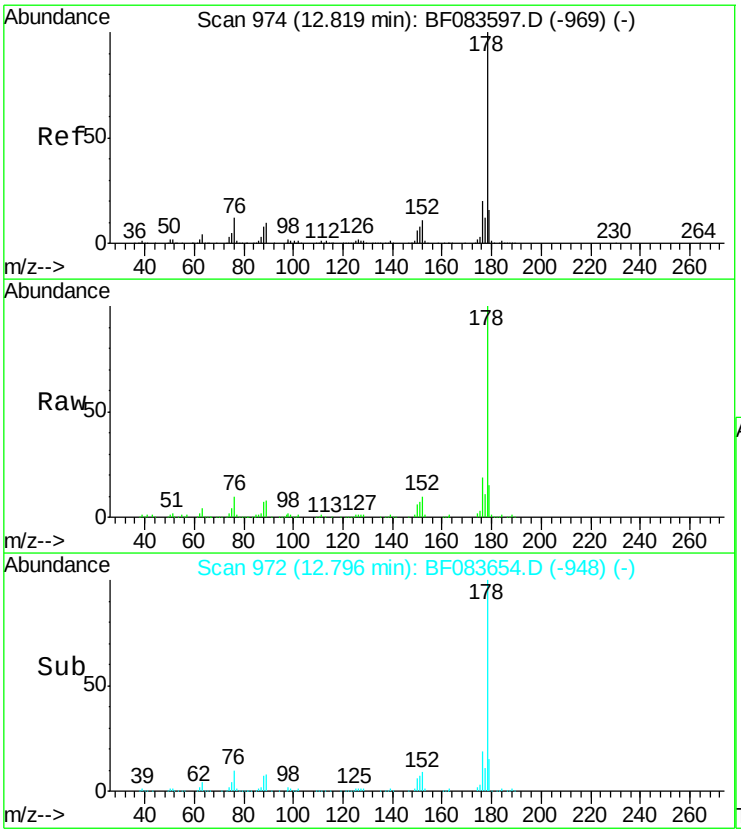
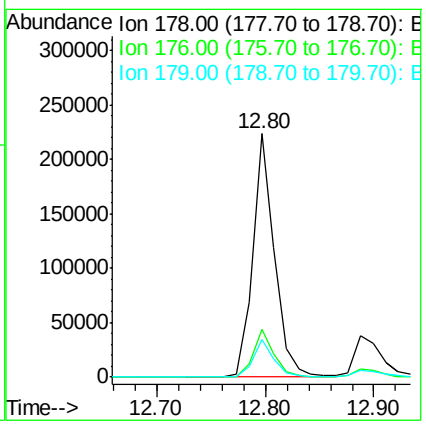
12/10/2015 5:50:11 PM

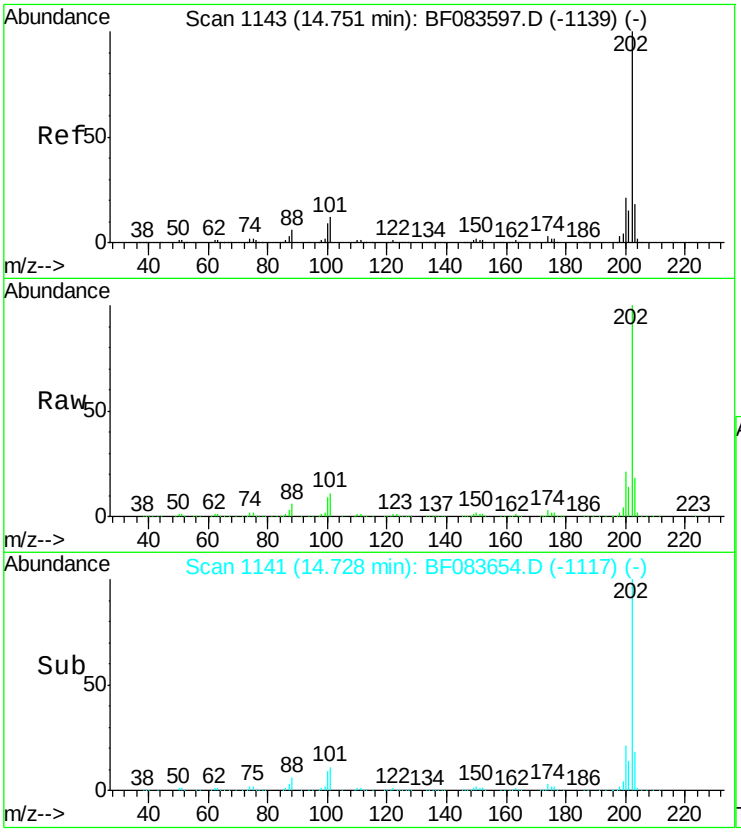


#70
Phenanthrene
Concen: 9.03 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:178 Resp: 311134

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	12.2	18.4

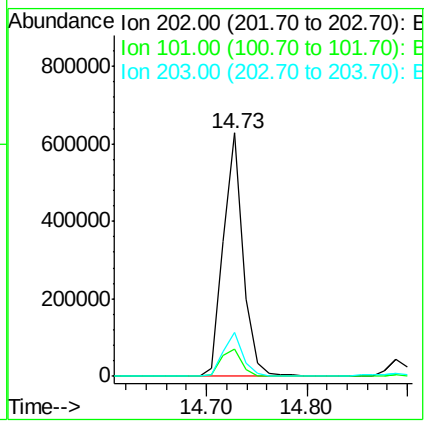




#74
Fluoranthene
Concen: 24.36 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

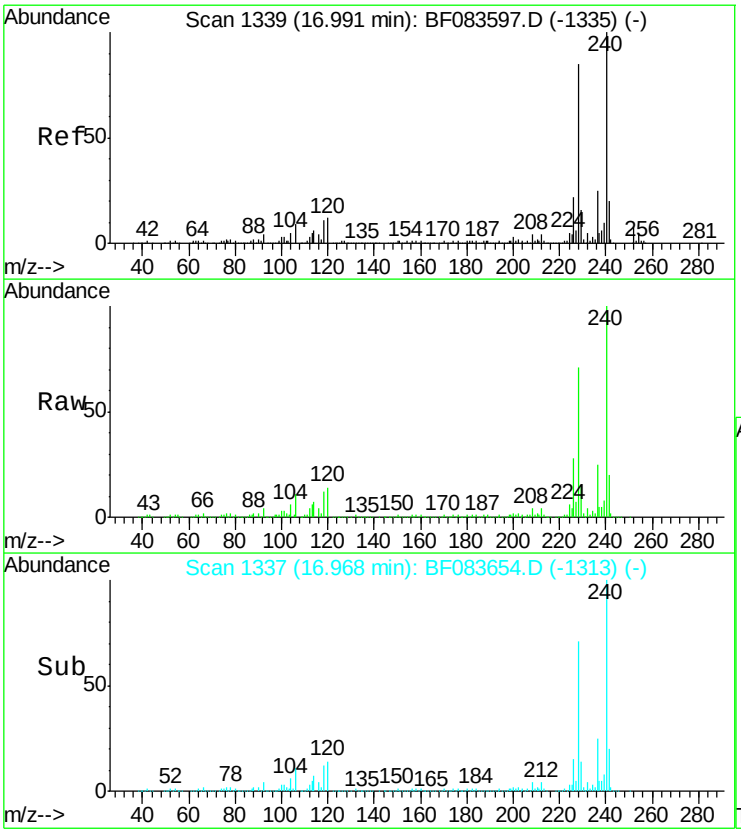
Tgt Ion:202 Resp: 858354

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.5
203	18.0	0.0	37.6



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

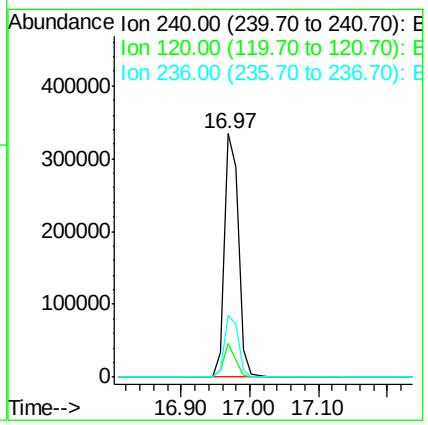
Manual Integrations APPROVED
MMdadoda
12/10/2015 5:50:11 PM

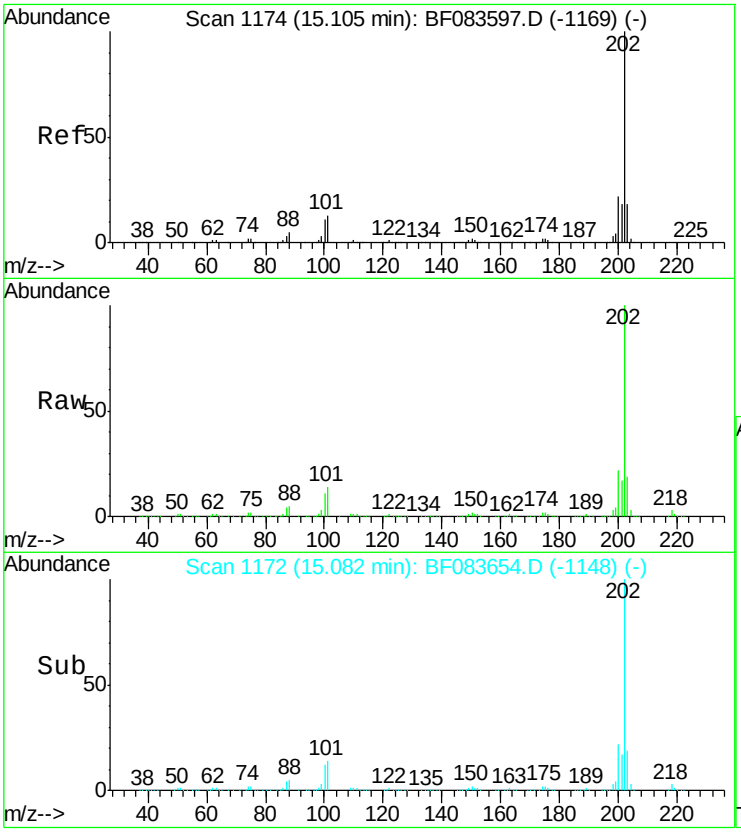


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.97 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:240 Resp: 485589

Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.1	12.1#
236	25.2	20.8	31.2

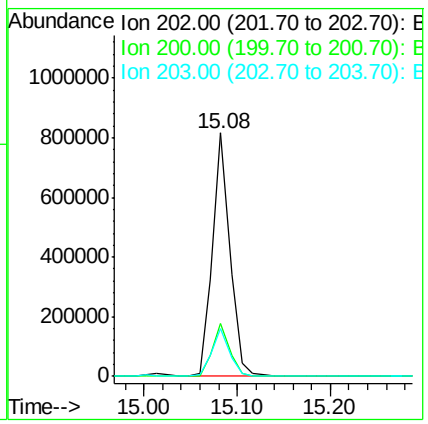




#77
Pyrene
Concen: 30.37 ng
RT: 15.08 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

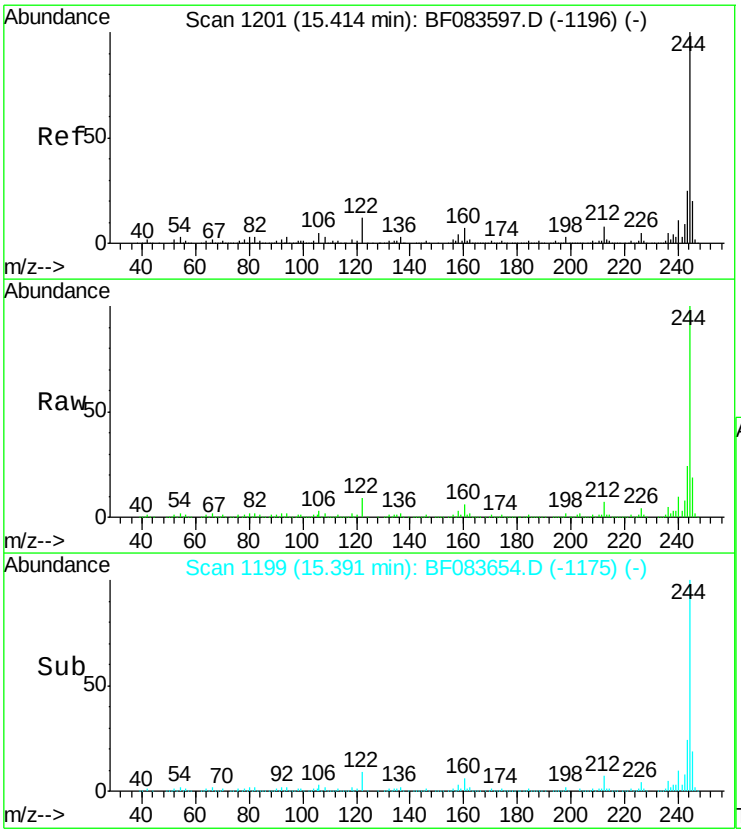
Tgt Ion:202 Resp: 1061726

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	19.4	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

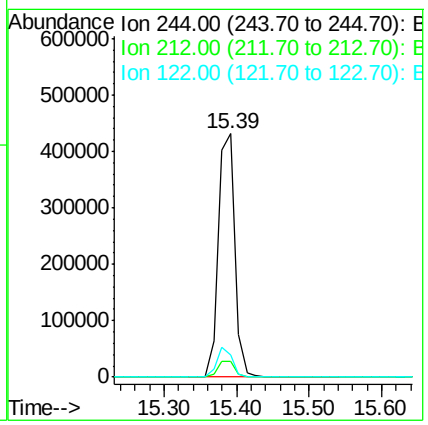
Manual Integrations APPROVED
MMdadoda
12/10/2015 5:50:11 PM

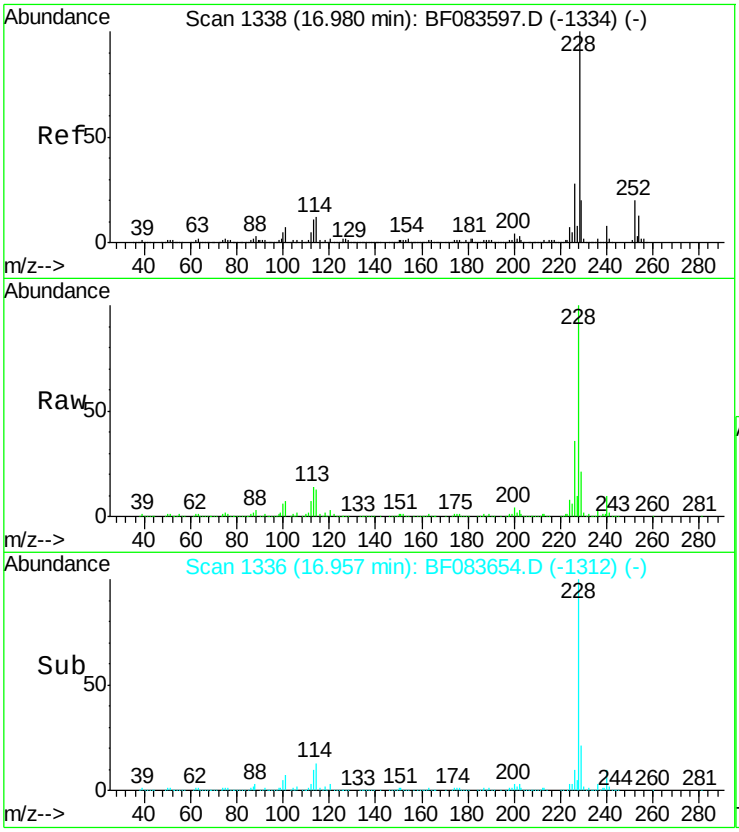


#78
Terphenyl-d14
Concen: 32.89 ng
RT: 15.39 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:244 Resp: 678858

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	9.2	11.0	16.6#





#80
Benzo(a)anthracene
Concen: 16.63 ng m
RT: 16.96 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:228 Resp: 472696

Ion	Ratio	Lower	Upper
228	100		
226	36.3	22.3	33.5#
229	21.3	15.7	23.5

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

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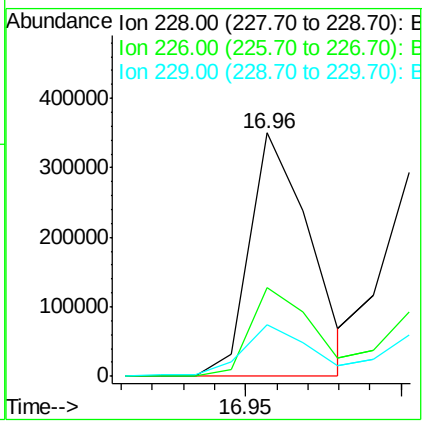
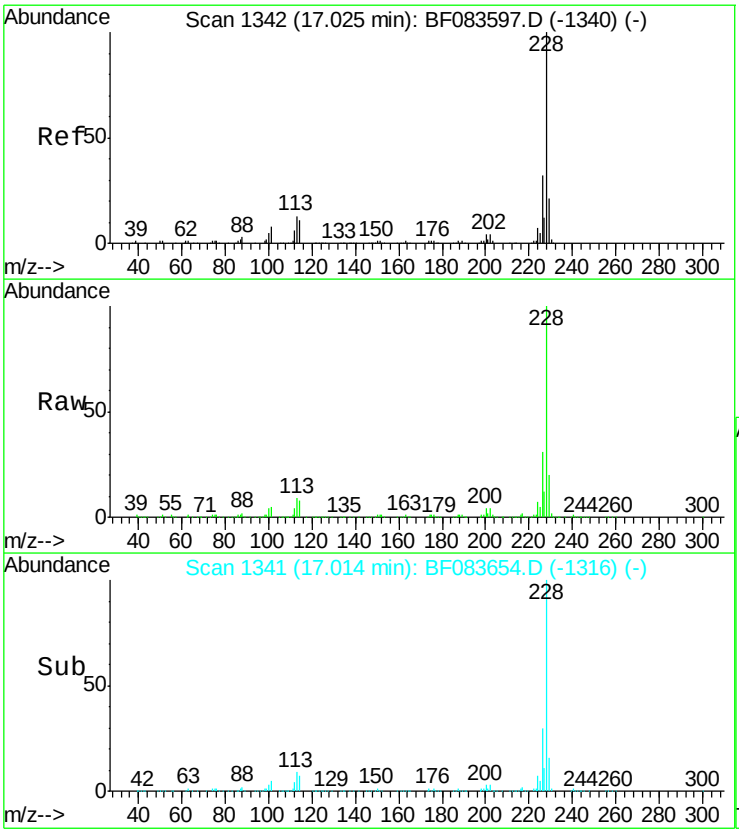
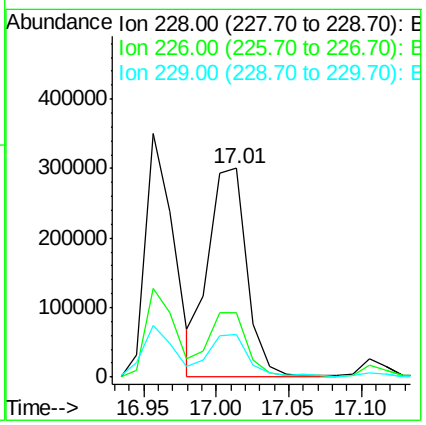


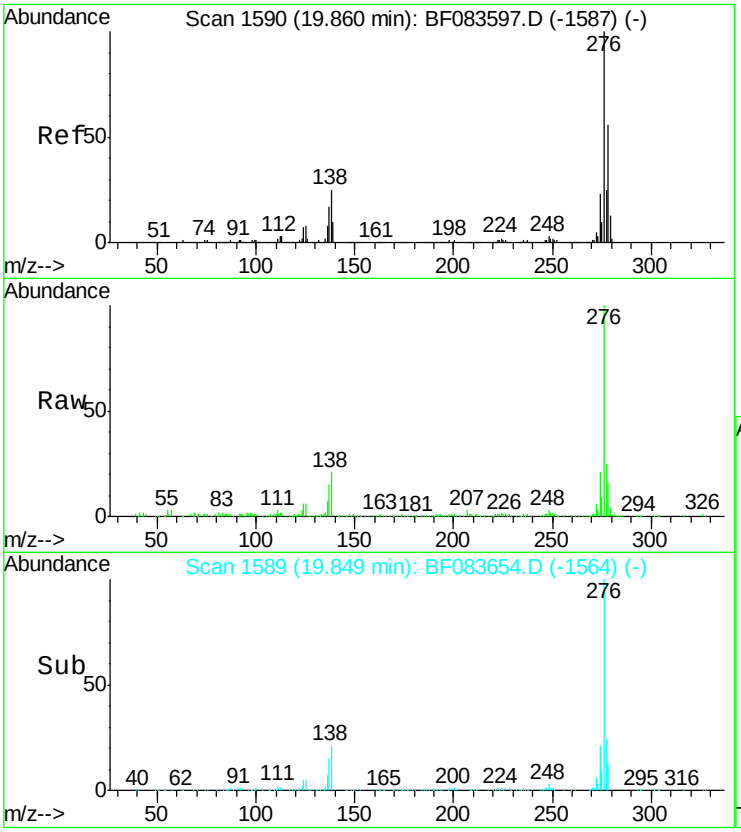


#82
Chrysene
Concen: 19.40 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:228 Resp: 552781

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	20.2	16.3	24.5





#85
Indeno(1,2,3-cd)pyrene
Concen: 17.13 ng
RT: 19.85 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:276 Resp: 329451

Ion	Ratio	Lower	Upper
276	100		
138	22.8	0.0	0.0#
277	24.4	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

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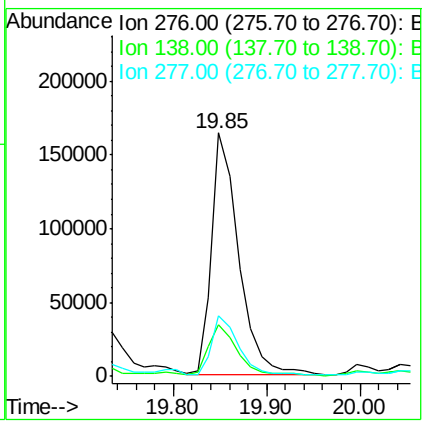
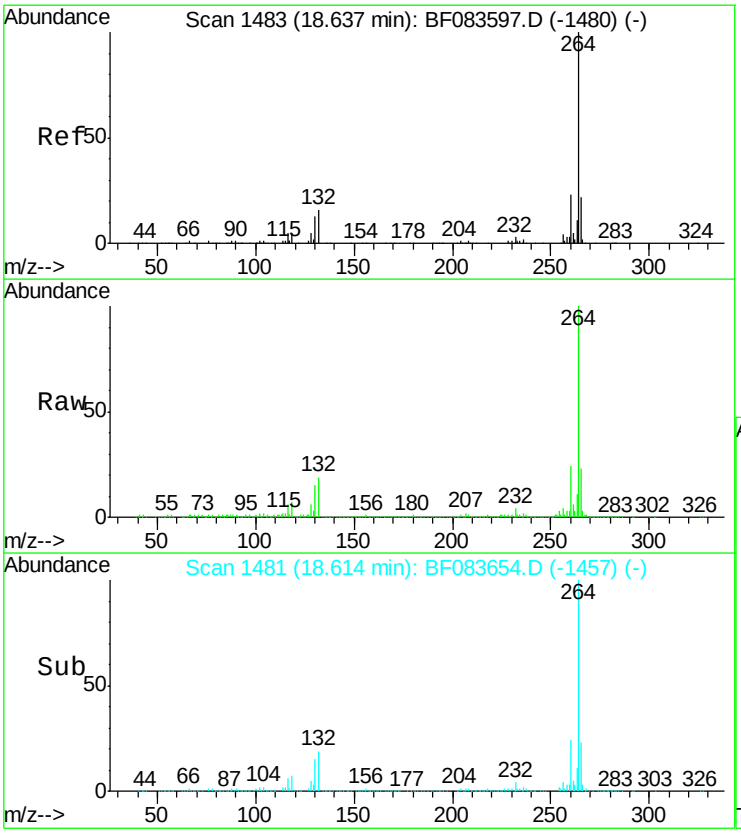
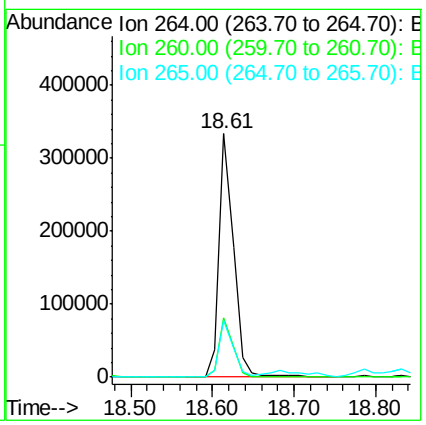


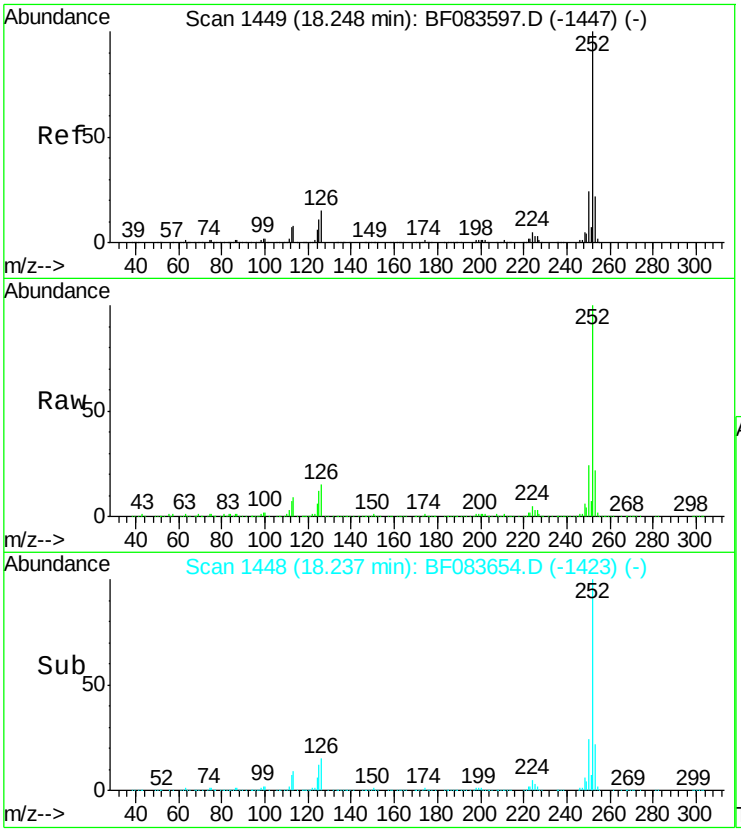


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.61 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:264 Resp: 410862

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	23.1	17.8	26.6

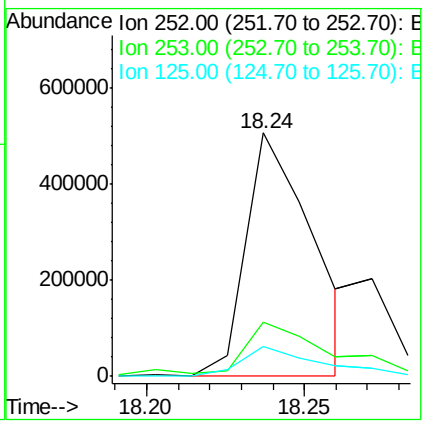




#87
Benzo(b)fluoranthene
Concen: 32.08 ng m
RT: 18.24 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:252 Resp: 750616

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.5	8.2	12.4#



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

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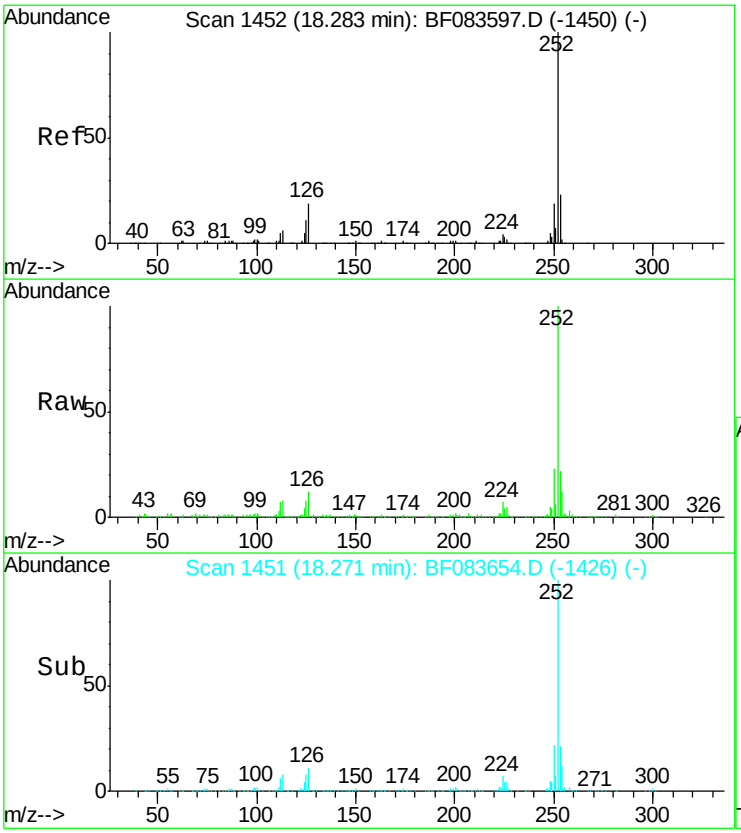
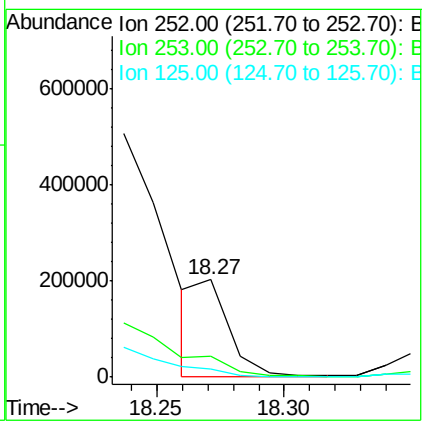
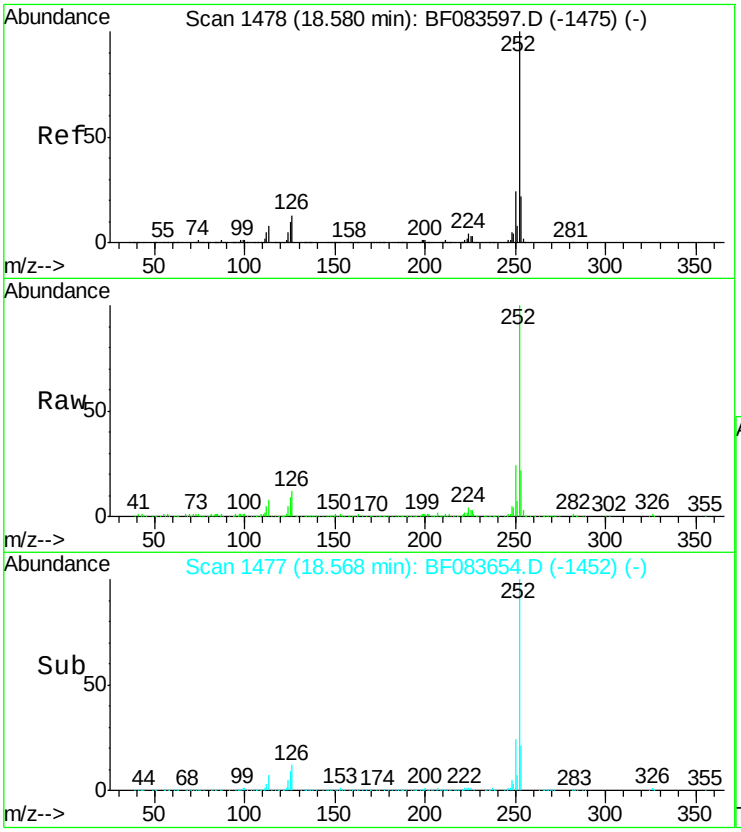


#88
Benzo(k)fluoranthene
Concen: 6.94 ng m
RT: 18.27 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:252 Resp: 178842

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.6	27.8
125	8.4	11.5	17.3#

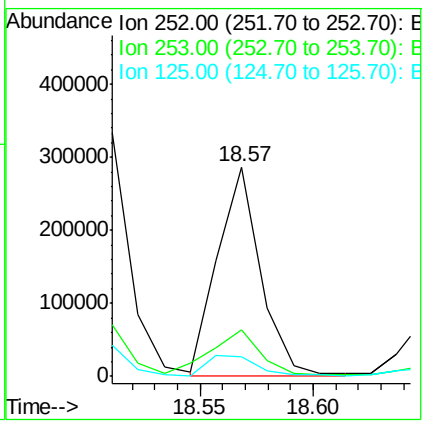




#89
Benzo(a)pyrene
Concen: 16.84 ng m
RT: 18.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:252 Resp: 384371

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.2	11.0	16.6#



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

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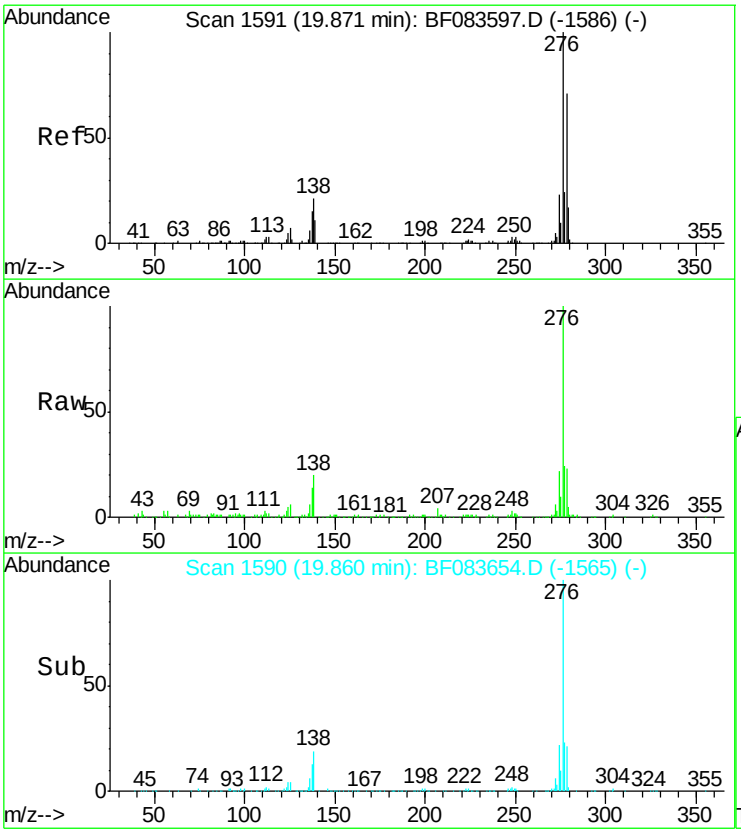
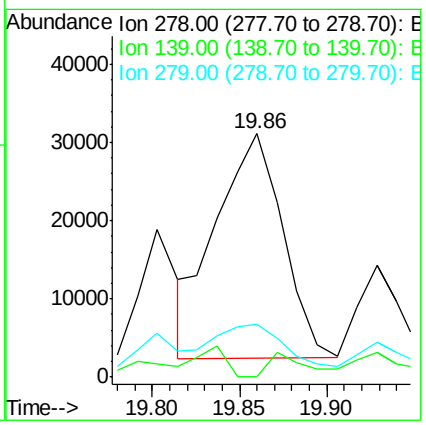
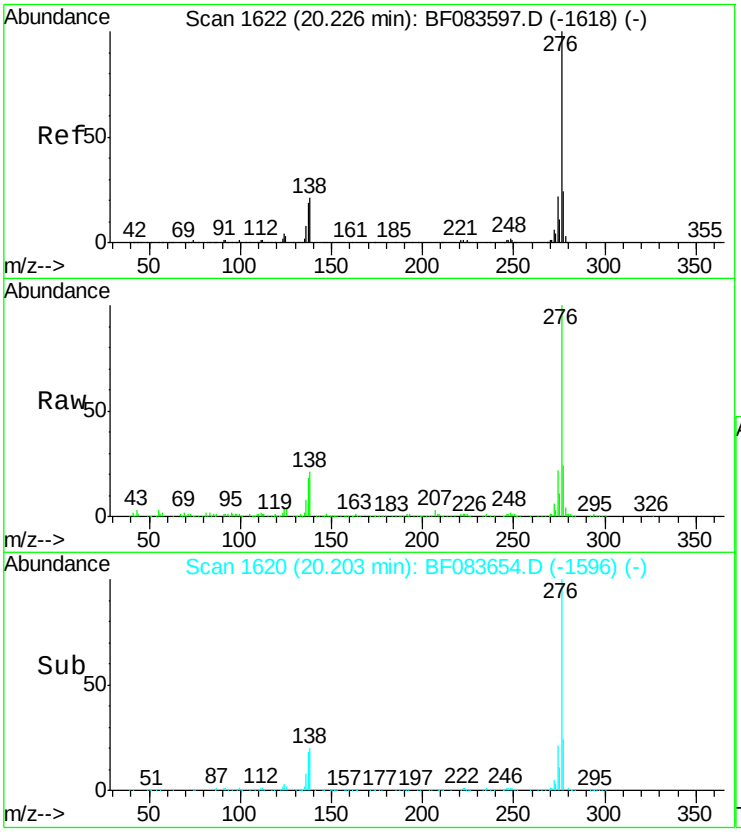


#90
Dibenzo(a,h)anthracene
Concen: 4.38 ng m
RT: 19.86 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:278 Resp: 76428

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	21.8	18.6	28.0

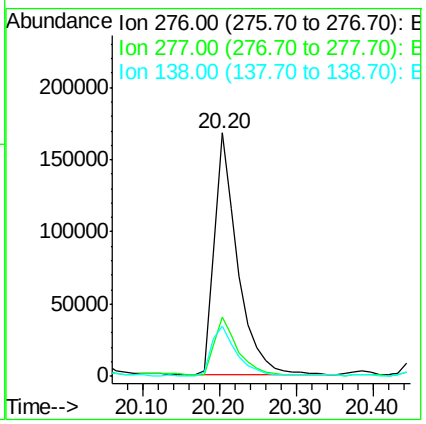




#91
Benzo(g,h,i)perylene
Concen: 20.66 ng
RT: 20.20 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BF083654.D
Acq: 9 Dec 2015 22:31

Tgt Ion:276 Resp: 351598

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	20.7	19.5	29.3



Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(0-8)DL

Manual Integrations APPROVED
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