Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078968.D
Acq On : 6 May 2015 18:56
Operator : TP/IZ
Sample : G2114-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

Manual Integrations APPROVED
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5/7/2015 1:58:05 PM

Quant Time: May 07 02:12:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 00:45:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	65184	20.00	ng		0.00
21) Naphthalene-d8	8.92	136	288747	20.00	ng		0.00
38) Acenaphthene-d10	11.10	164	136961	20.00	ng		0.00
63) Phenanthrene-d10	12.95	188	276442	20.00	ng		0.00
75) Chrysene-d12	16.25	240	310327	20.00	ng		-0.06
86) Perylene-d12	18.00	264	339131	20.00	ng		-0.23
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	164723	43.50	ng		0.01
7) Phenol-d6	6.90	99	231657	46.28	ng		0.01
23) Nitrobenzene-d5	8.03	82	127702	25.42	ng		0.00
41) 2,4,6-Tribromophenol	12.08	330	48577	32.79	ng		0.00
44) 2-Fluorobiphenyl	10.27	172	266515	27.11	ng		0.00
78) Terphenyl-d14	14.95	244	329248m	25.40	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.78	163	25467	2.53	ng		99
70) Phenanthrene	12.98	178	155384	10.05	ng		99
71) Anthracene	13.04	178	40489	2.67	ng		98
74) Fluoranthene	14.46	202	262469	16.29	ng		99
77) Pyrene	14.74	202	253674m	14.19	ng		
80) Benzo(a)anthracene	16.23	228	130448	7.68	ng		94
82) Chrysene	16.27	228	114298	6.99	ng		97
85) Indeno(1,2,3-cd)pyrene	19.50	276	81281m	3.90	ng		
87) Benzo(b)fluoranthene	17.55	252	152221m	8.20	ng		
88) Benzo(k)fluoranthene	17.58	252	59898m	3.33	ng		
89) Benzo(a)pyrene	17.93	252	117882	6.90	ng	#	91
91) Benzo(g,h,i)perylene	19.94	276	74945	4.12	ng		95

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

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Manual Integrations APPROVED
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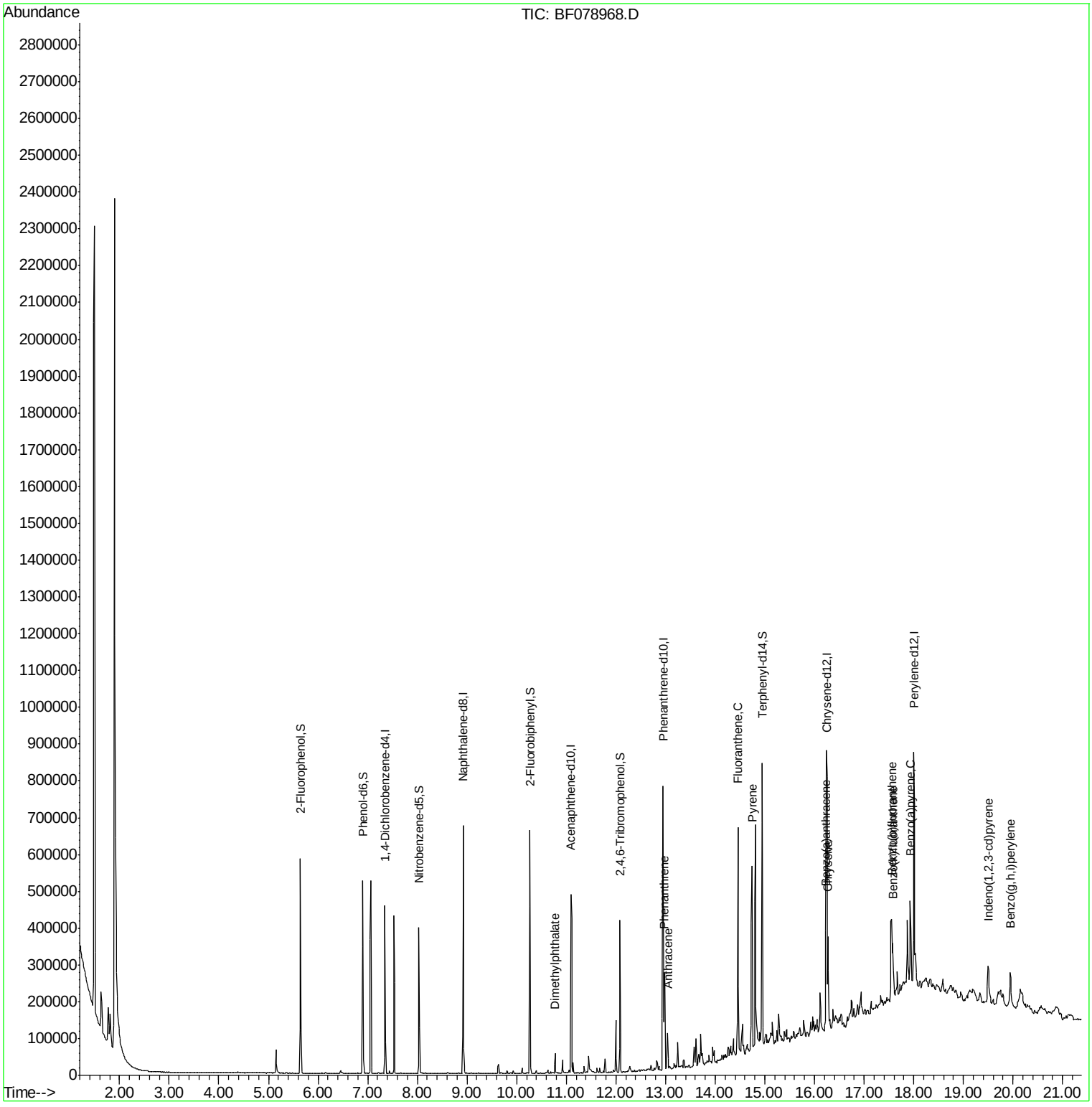
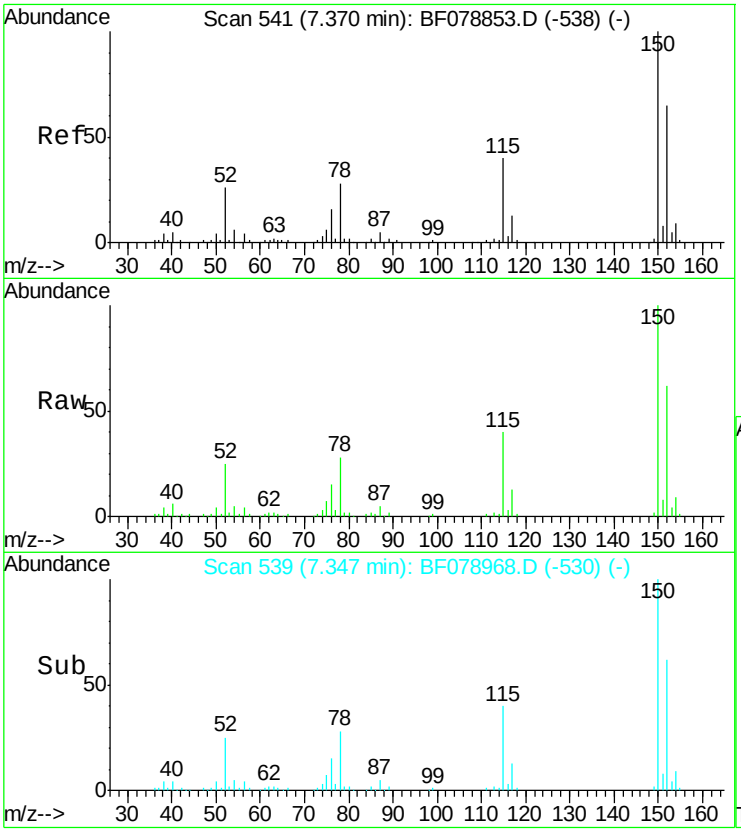
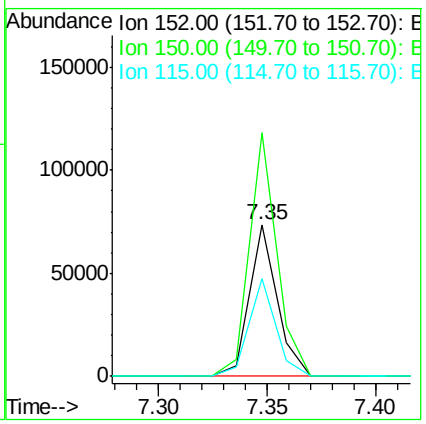




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:152 Resp: 65184

Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.0	183.0
115	64.5	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

Manual Integrations APPROVED
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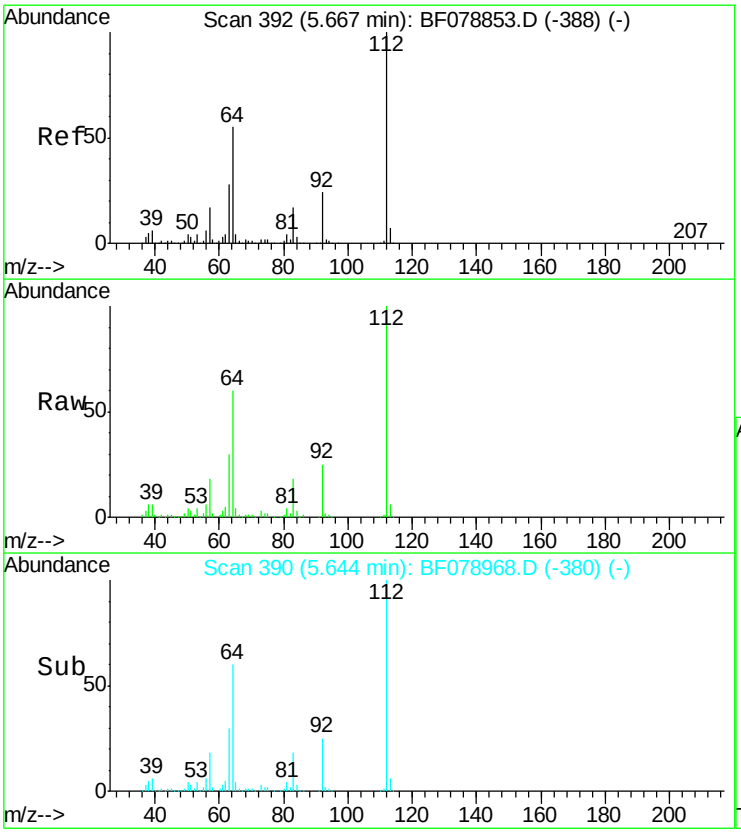
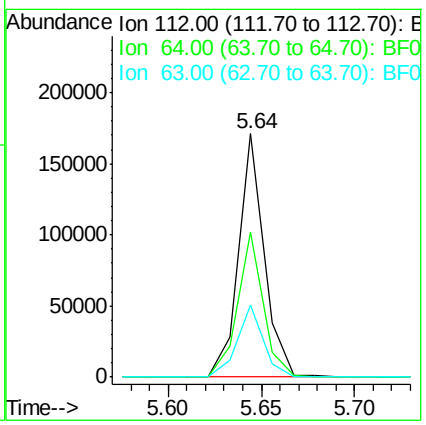
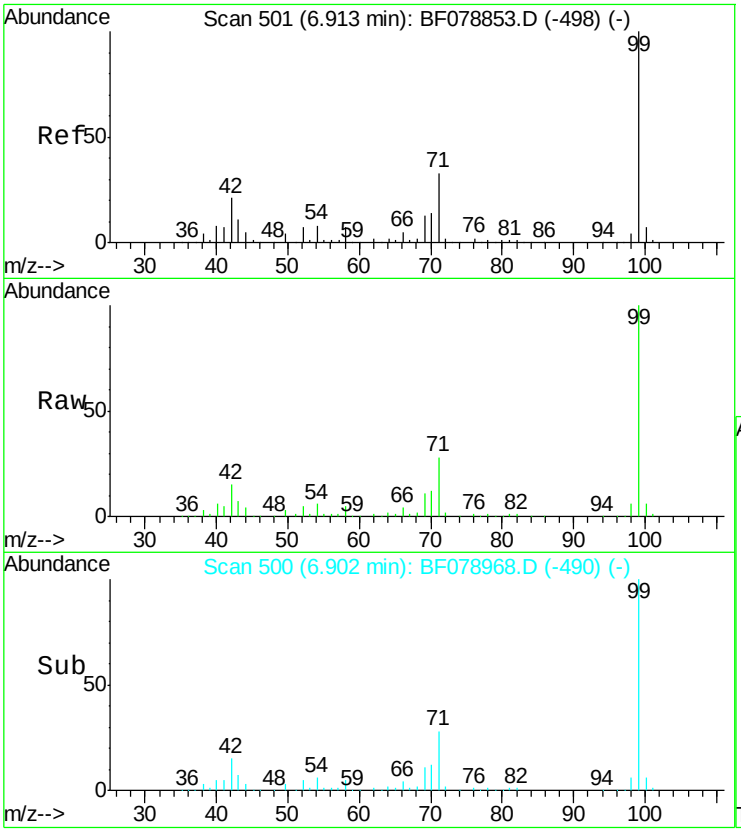


#5
2-Fluorophenol
Concen: 43.50 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:112 Resp: 164723

Ion	Ratio	Lower	Upper
112	100		
64	59.6	53.5	80.3
63	29.6	27.5	41.3

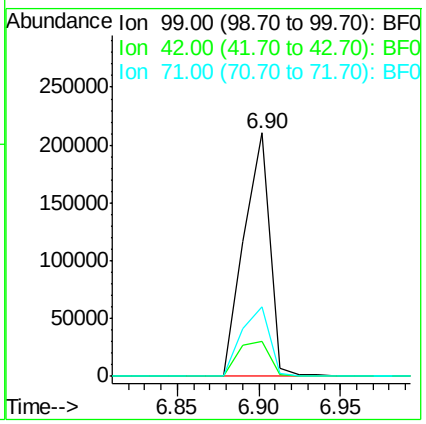




#7
Phenol-d6
Concen: 46.28 ng
RT: 6.90 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion: 99 Resp: 231657

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.8	19.2
71	28.4	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

Manual Integrations APPROVED
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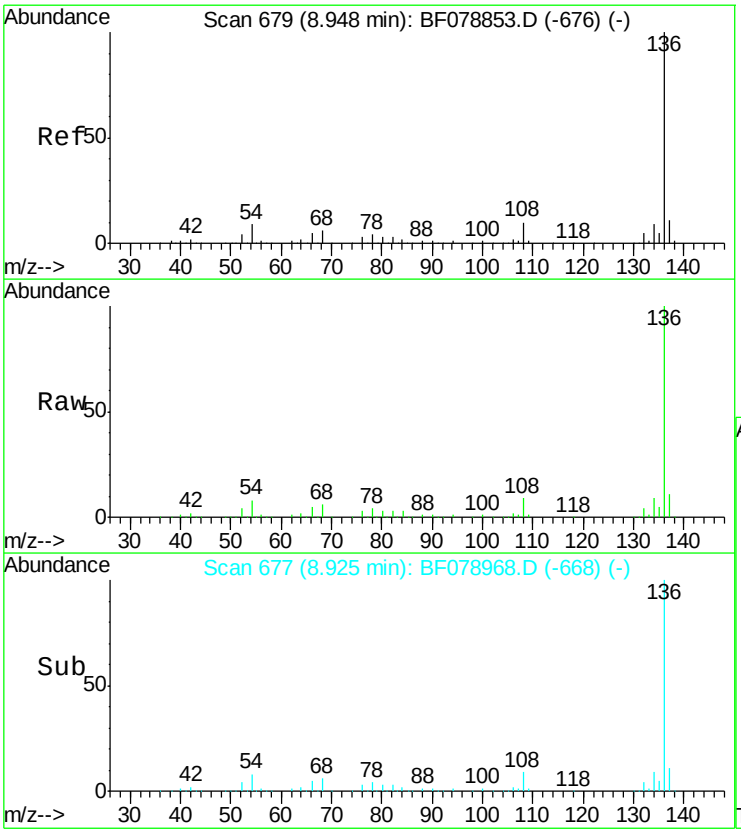
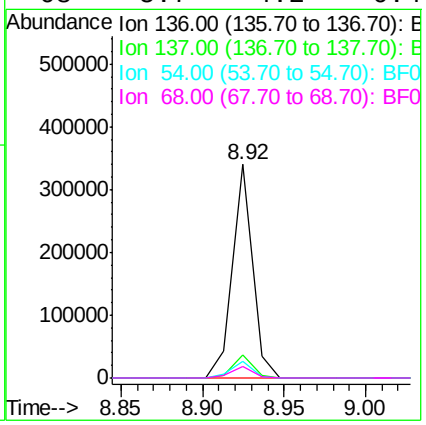
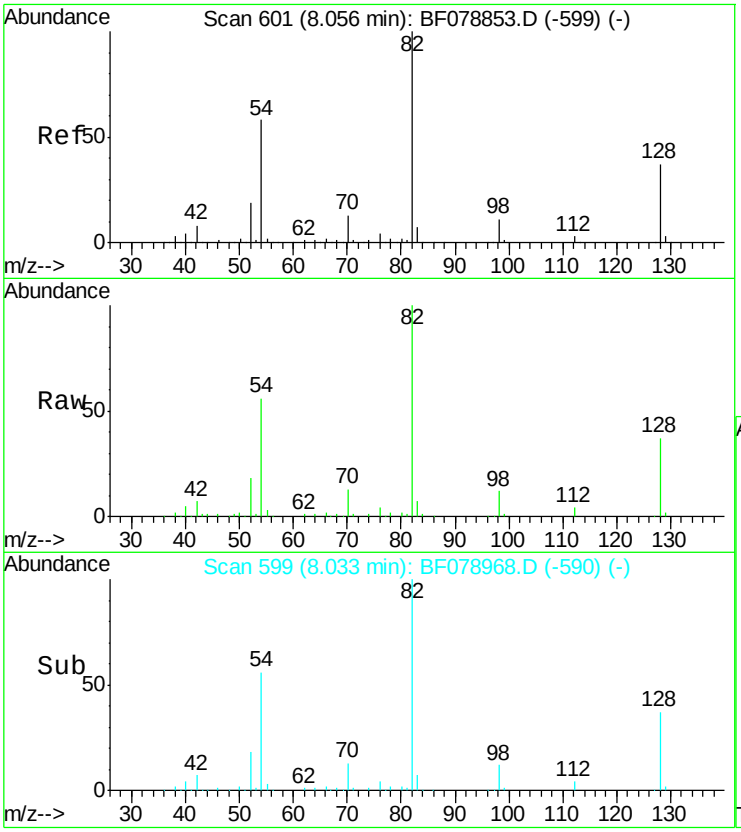


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:136 Resp: 288747

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	5.8	8.8
68	5.7	4.2	6.4

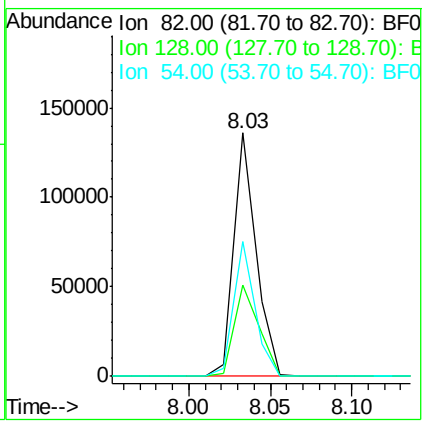




#23
Nitrobenzene-d5
Concen: 25.42 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion: 82 Resp: 127702

Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.0	45.0
54	55.6	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

Manual Integrations APPROVED
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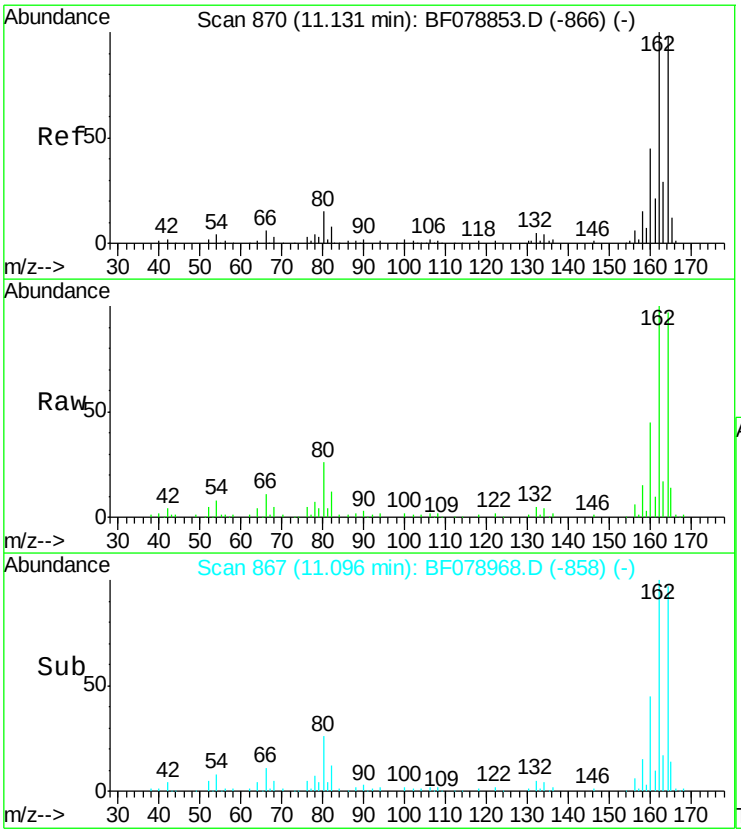
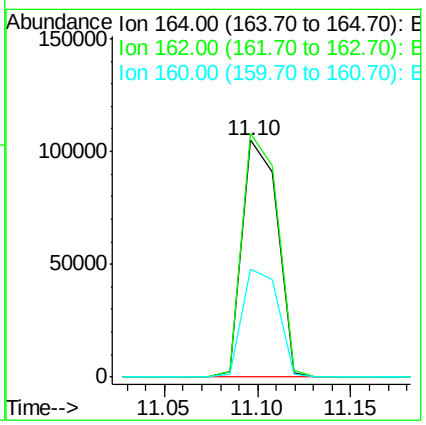
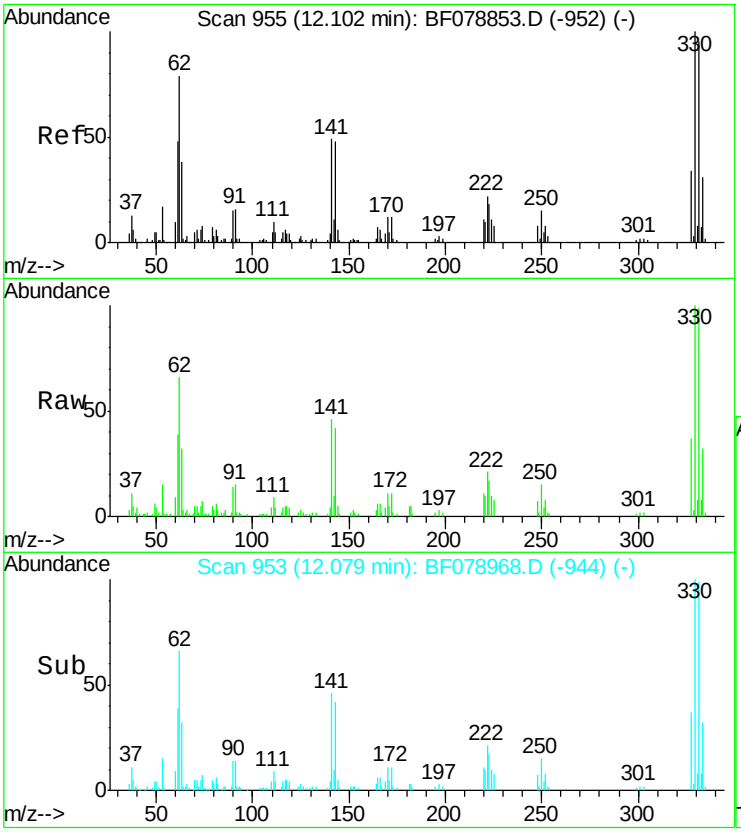


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:164 Resp: 136961

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.7	124.1
160	45.8	35.8	53.8

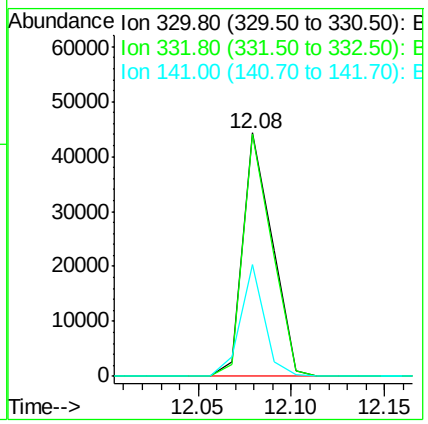




#41
2,4,6-Tribromophenol
Concen: 32.79 ng
RT: 12.08 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:330 Resp: 48577

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	37.8	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

Manual Integrations APPROVED
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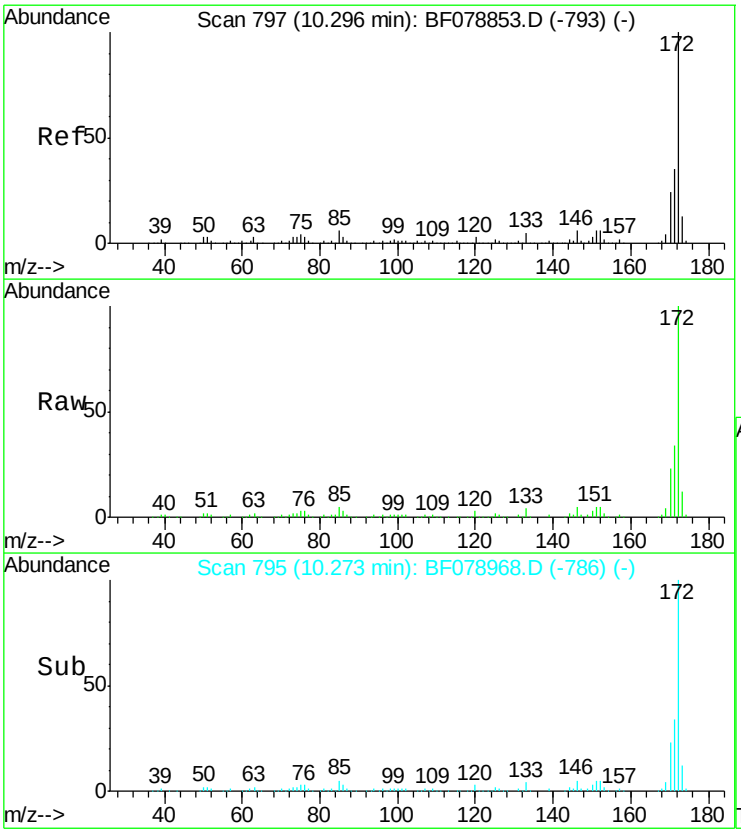
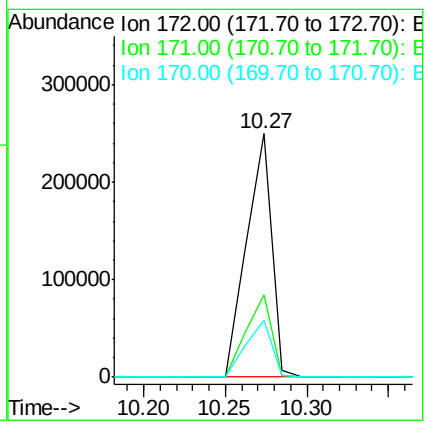
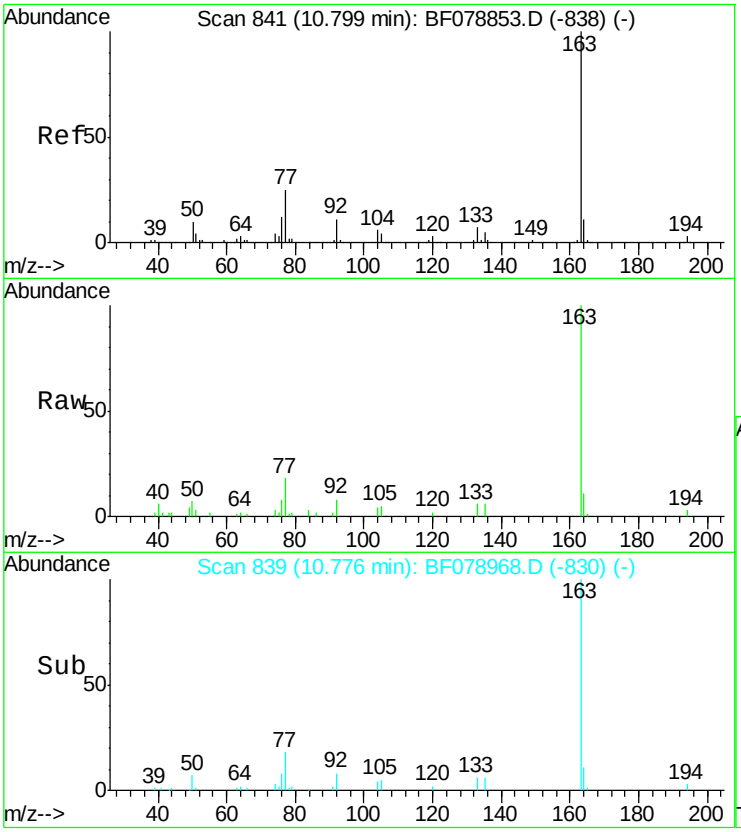


#44
2-Fluorobiphenyl
Concen: 27.11 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:172 Resp: 266515

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.9	41.9
170	23.4	19.4	29.0

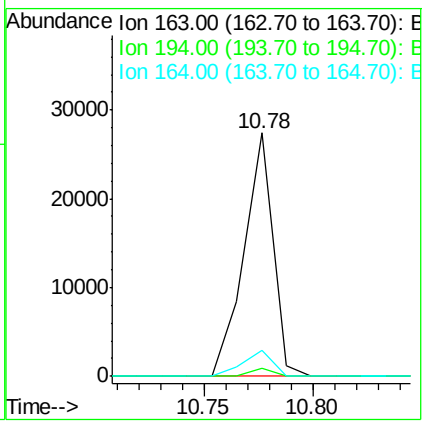




#49
Dimethylphthalate
Concen: 2.53 ng
RT: 10.78 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:163 Resp: 25467

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.7	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

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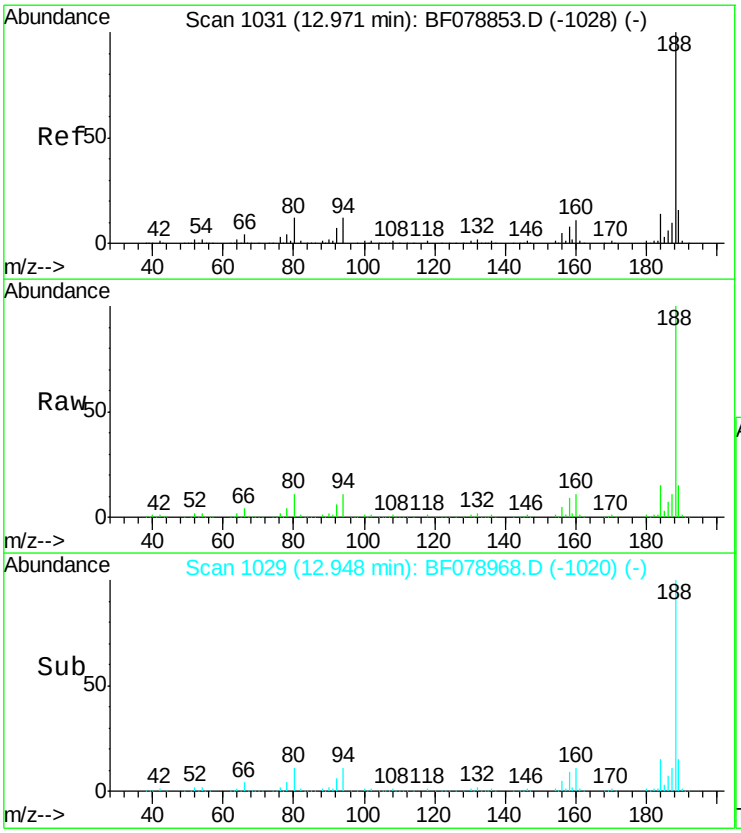
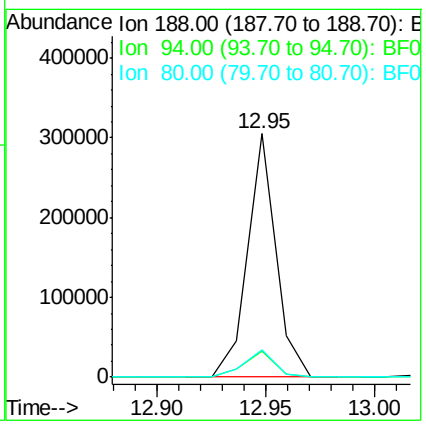
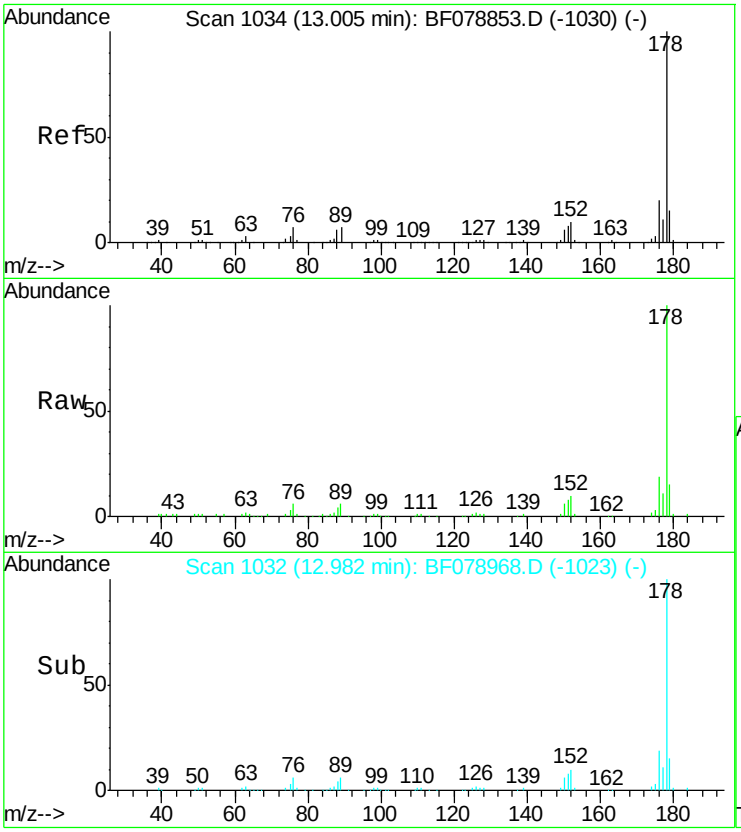


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:188 Resp: 276442

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.2	12.2
80	11.3	8.9	13.3

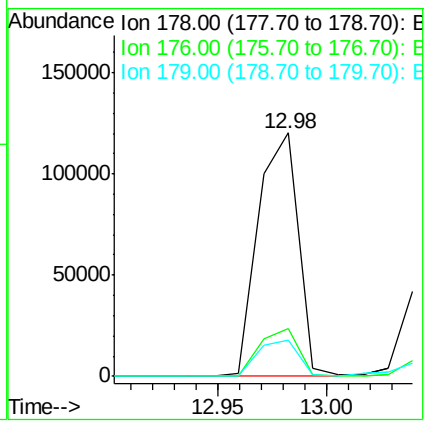




#70
Phenanthrene
Concen: 10.05 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:178 Resp: 155384

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

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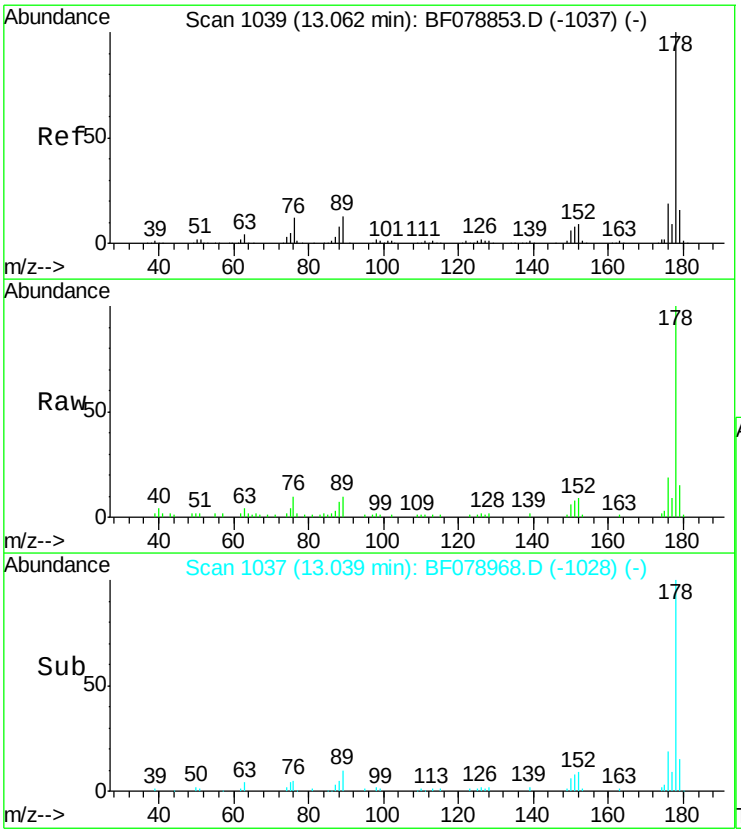
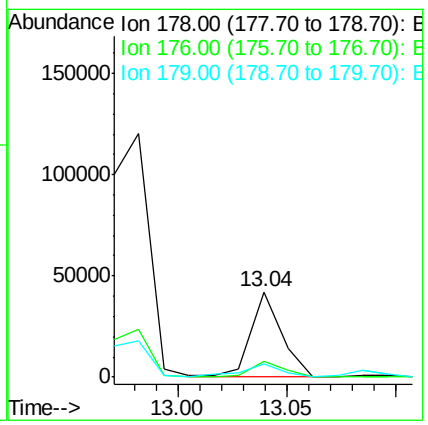
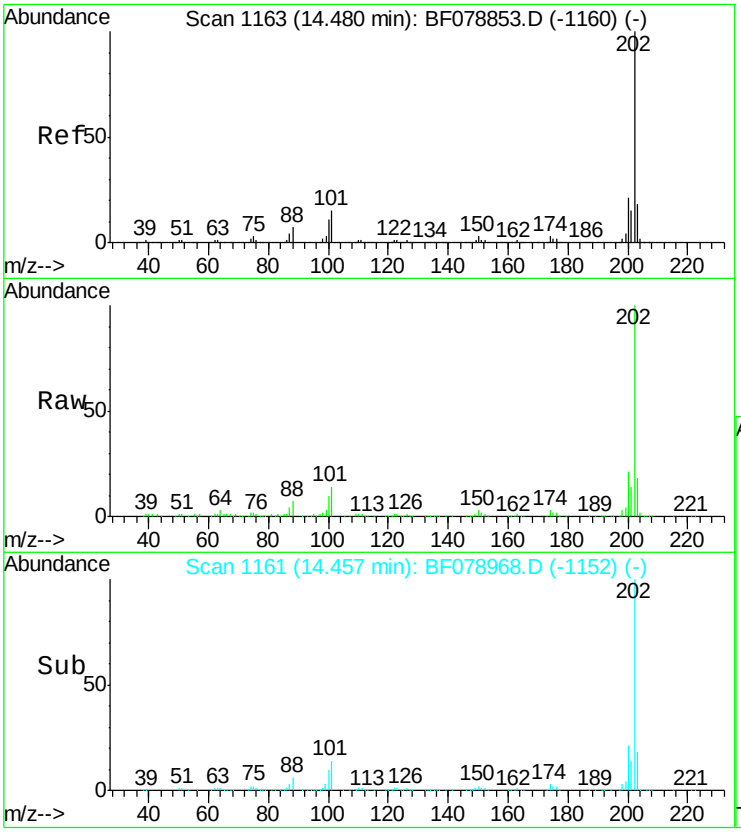


#71
Anthracene
Concen: 2.67 ng
RT: 13.04 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:178 Resp: 40489

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	14.8	12.7	19.1

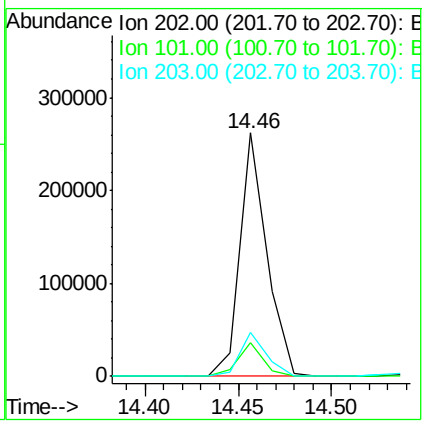




#74
Fluoranthene
Concen: 16.29 ng
RT: 14.46 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:202 Resp: 262469

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.6
203	18.0	0.0	38.4



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ClientSampleId :
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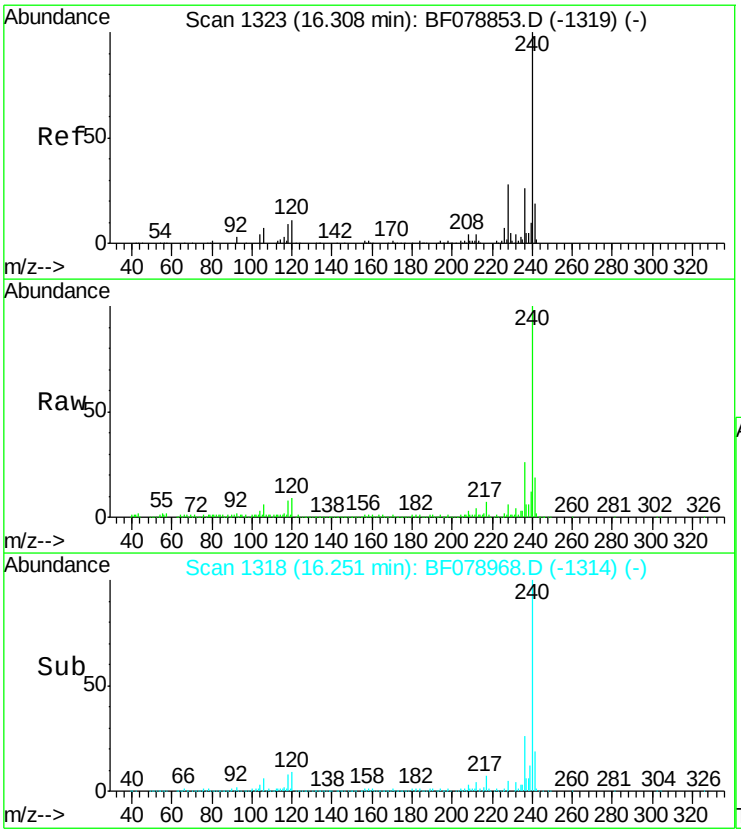
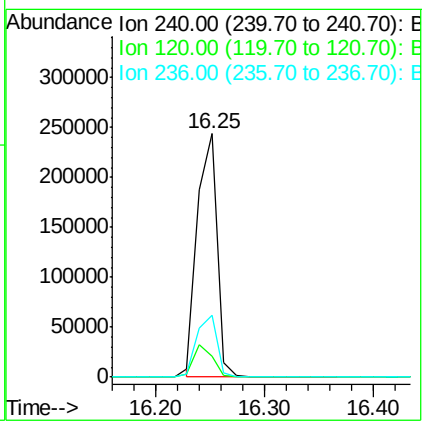
5/7/2015 1:58:05 PM

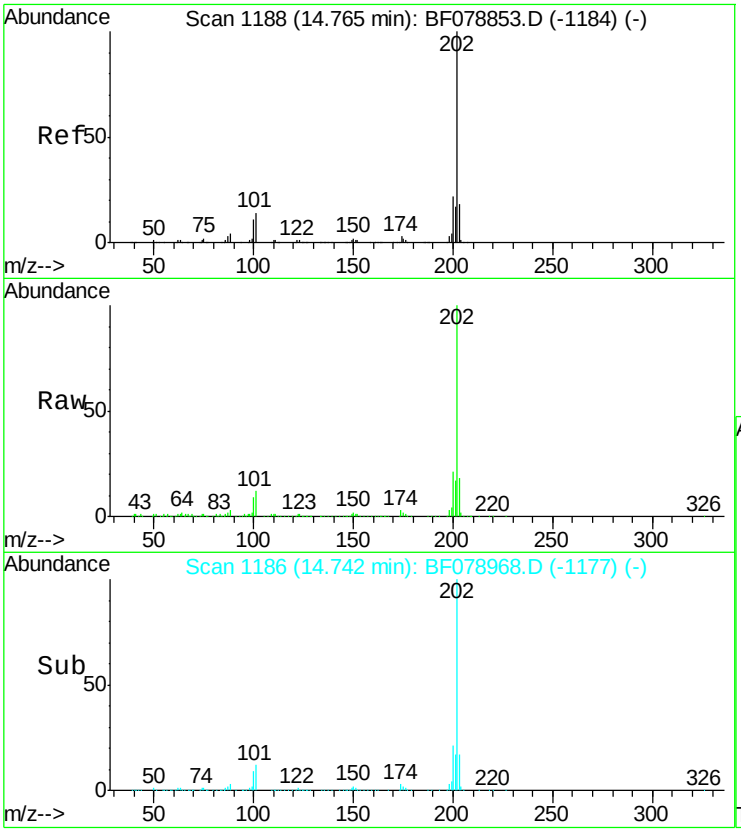


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:240 Resp: 310327

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.7	14.5#
236	25.5	20.2	30.4

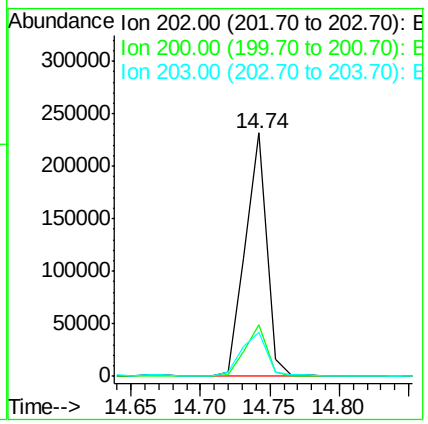




#77
Pyrene
Concen: 14.19 ng m
RT: 14.74 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:202 Resp: 253674

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.8	13.9	20.9



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

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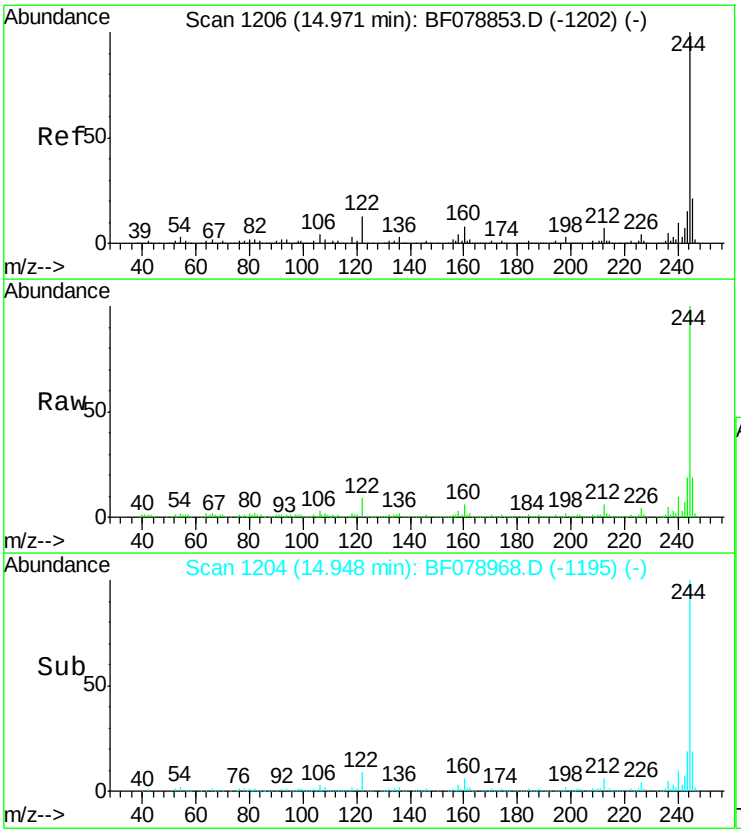
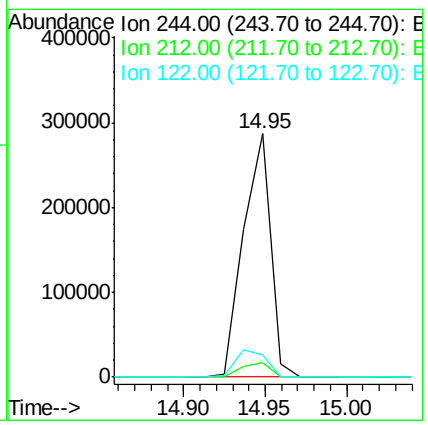
5/7/2015 1:58:05 PM

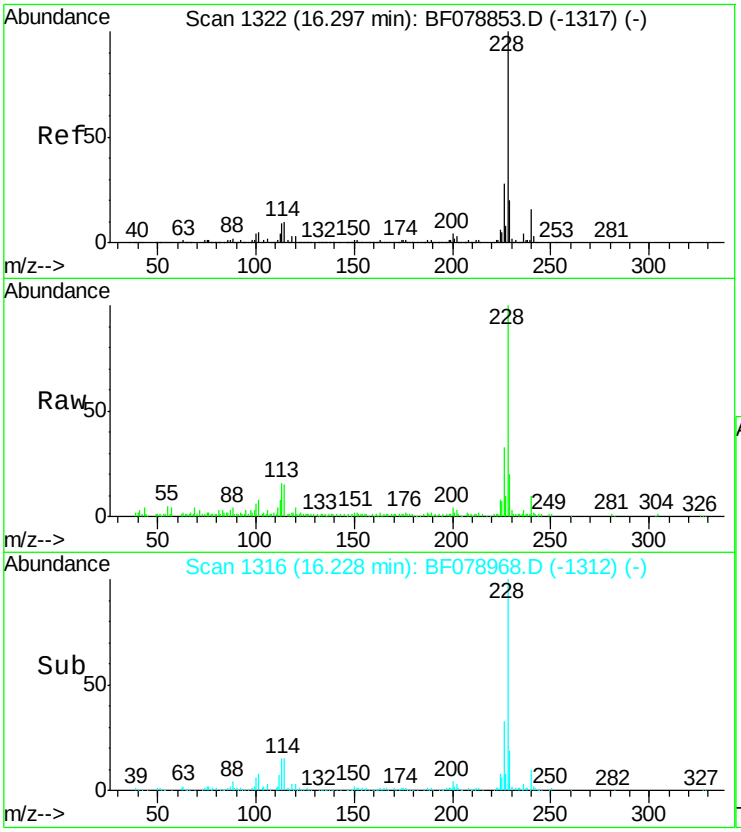


#78
Terphenyl-d14
Concen: 25.40 ng m
RT: 14.95 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:244 Resp: 329248

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.6	8.4
122	9.0	10.3	15.5#

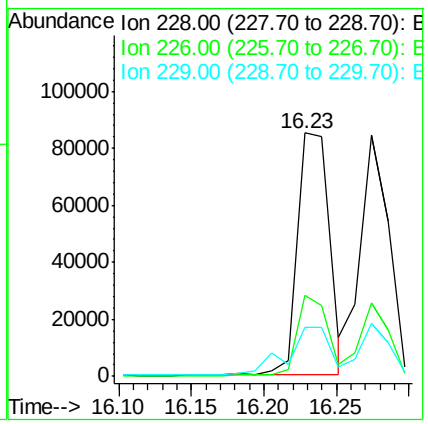




#80
Benzo(a)anthracene
Concen: 7.68 ng
RT: 16.23 min Scan# 1316
Delta R.T. -0.06 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:228 Resp: 130448

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.6	33.8
229	20.2	15.9	23.9



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BNA_F
ClientSampleId :
GRID-2(0-6)

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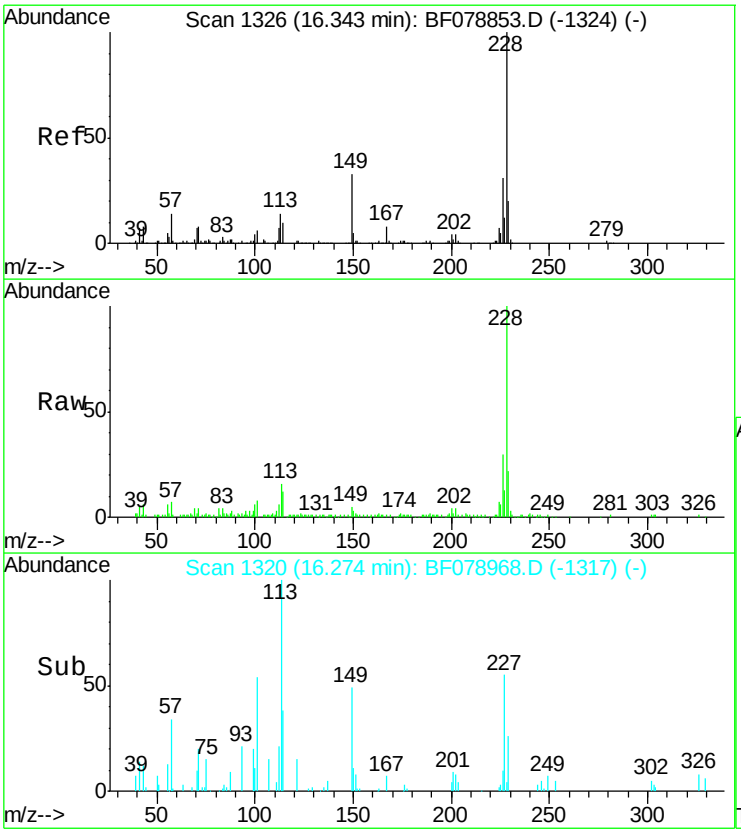
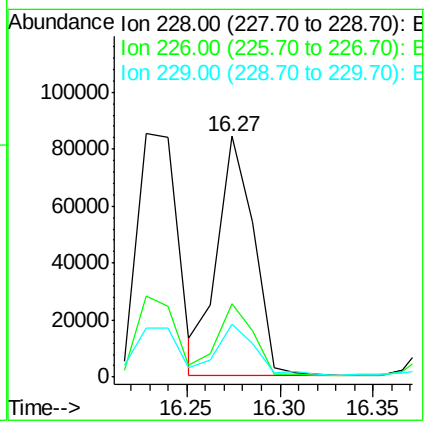
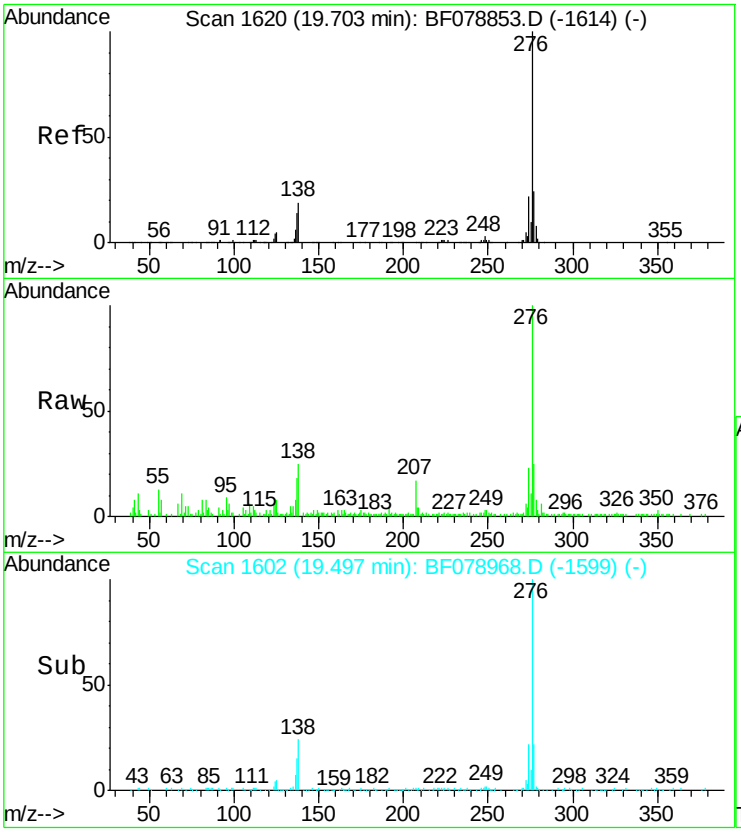


#82
Chrysene
Concen: 6.99 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.07 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:228 Resp: 114298

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.2	16.0	24.0

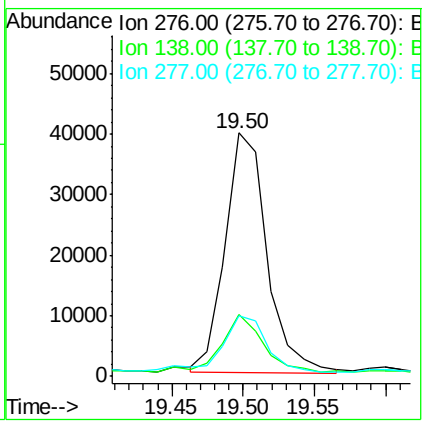




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.90 ng m
RT: 19.50 min Scan# 1602
Delta R.T. -0.26 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:276 Resp: 81281

Ion	Ratio	Lower	Upper
276	100		
138	3.5	0.0	0.0#
277	2.2	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

Manual Integrations APPROVED
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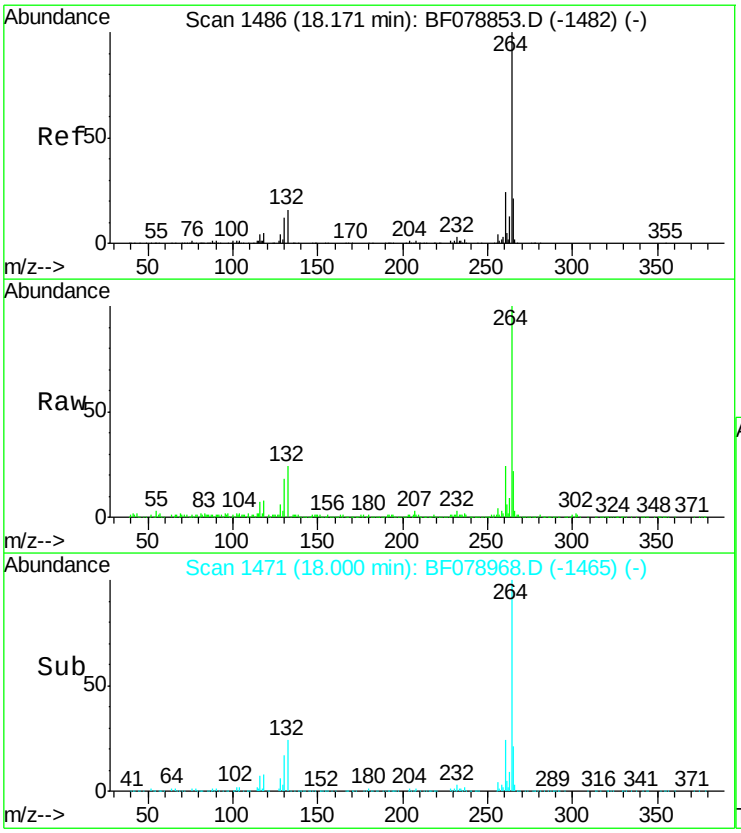
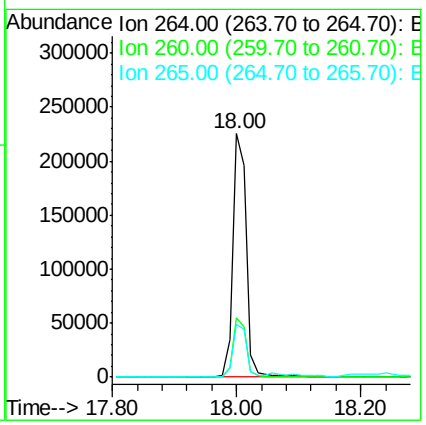
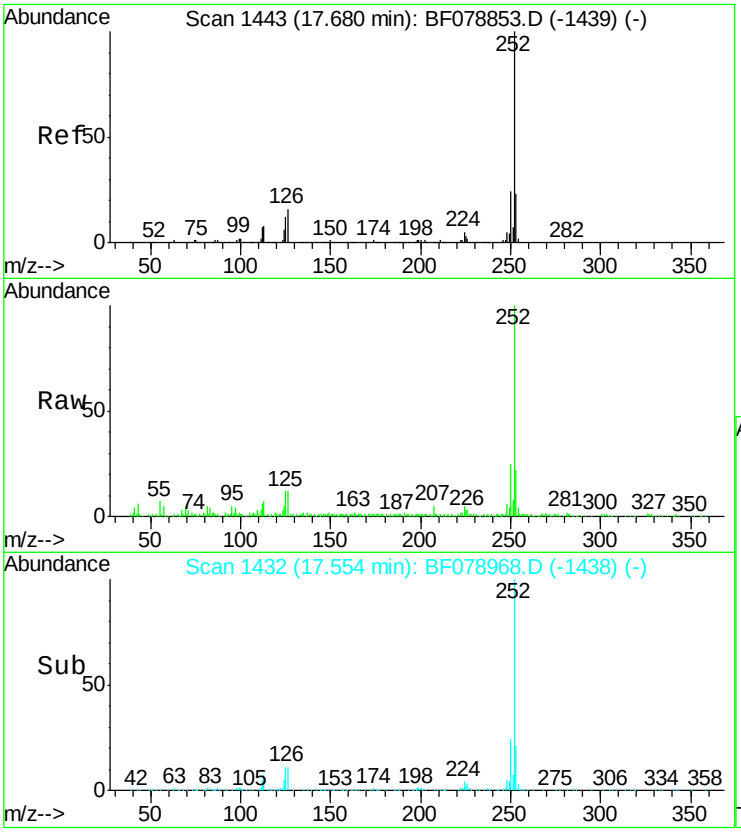


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1471
Delta R.T. -0.23 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:264 Resp: 339131

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	18.3	27.5

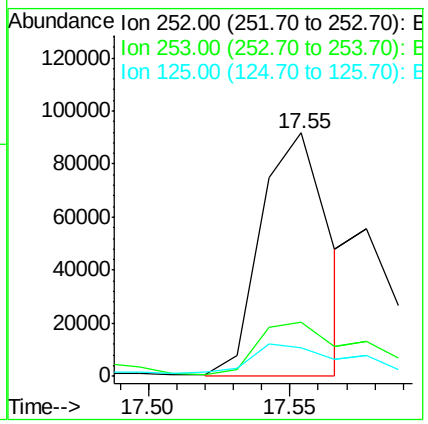




#87
Benzo(b)fluoranthene
Concen: 8.20 ng m
RT: 17.55 min Scan# 1432
Delta R.T. -0.17 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:252 Resp: 152221

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.9	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

Manual Integrations APPROVED
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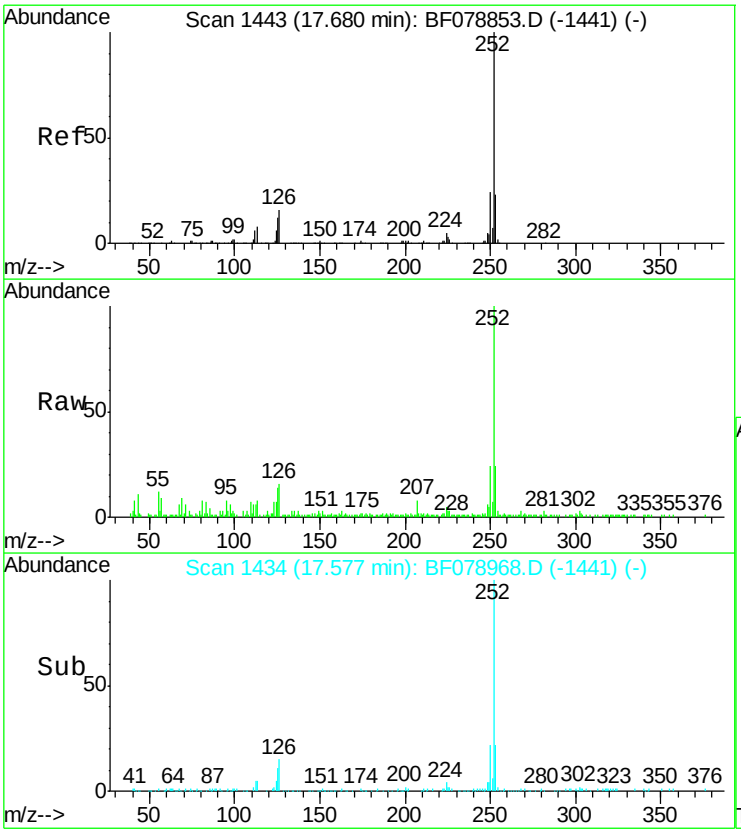
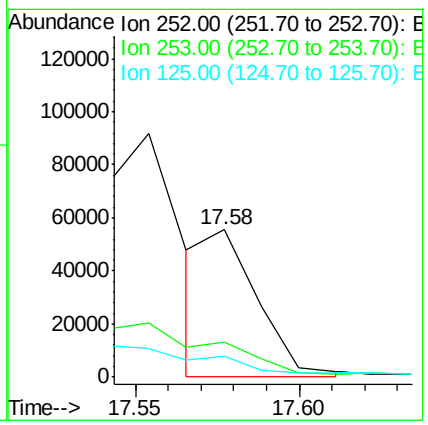
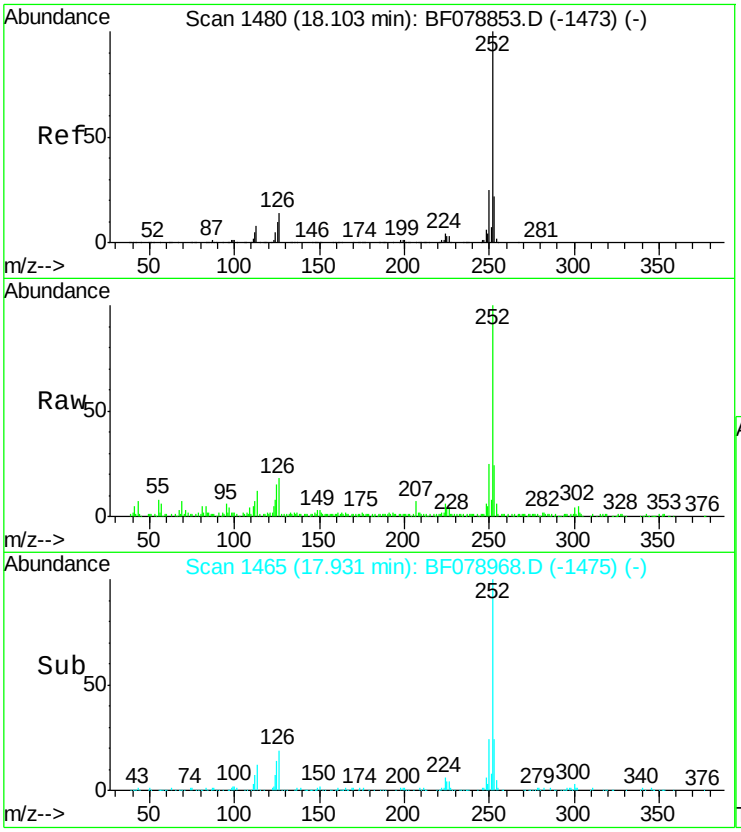


#88
Benzo(k)fluoranthene
Concen: 3.33 ng m
RT: 17.58 min Scan# 1434
Delta R.T. -0.18 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:252 Resp: 59898

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	14.1	10.0	15.0

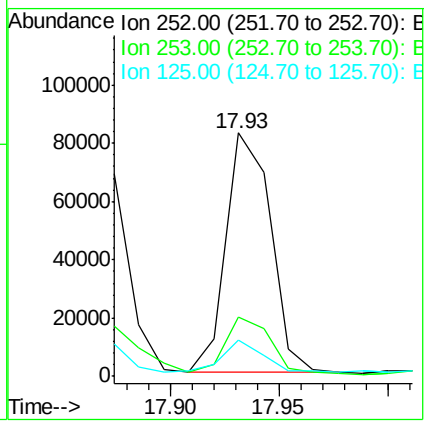




#89
Benzo(a)pyrene
Concen: 6.90 ng
RT: 17.93 min Scan# 1465
Delta R.T. -0.22 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:252 Resp: 117882

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	15.2	7.0	10.6#



Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

Manual Integrations APPROVED
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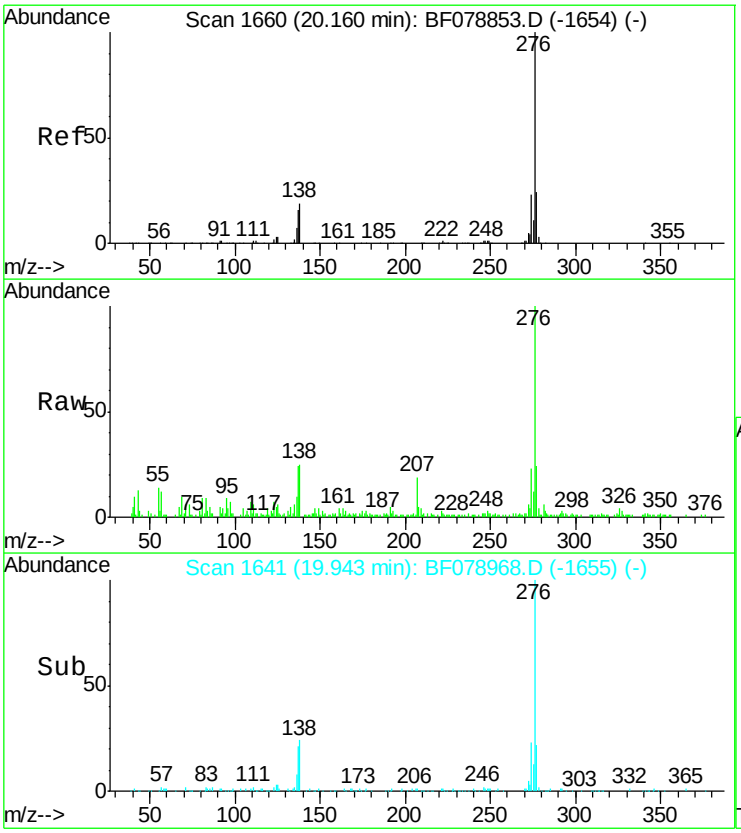

#91
Benzo(g,h,i)perylene
Concen: 4.12 ng
RT: 19.94 min Scan# 1641
Delta R.T. -0.26 min
Lab File: BF078968.D
Acq: 6 May 2015 18:56

Tgt Ion:276 Resp: 74945

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	25.3	17.4	26.0