Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081073.D
Acq On : 19 Aug 2015 8:30
Operator : UM/IZ
Sample : G3239-03DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:19:02 PM

Quant Time: Aug 19 12:53:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	58917	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	221651	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	111589	20.00	ng		-0.02
63) Phenanthrene-d10	11.11	188	239413	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	160259	20.00	ng		-0.02
86) Perylene-d12	15.07	264	131249	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	94695	24.17	ng		-0.02
7) Phenol-d6	6.24	99	130416	25.52	ng		-0.02
23) Nitrobenzene-d5	7.16	82	81669	16.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	23159	23.94	ng		-0.03
44) 2-Fluorobiphenyl	8.97	172	143754	16.88	ng		-0.02
78) Terphenyl-d14	12.68	244	123720	16.55	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.37	163	42814	4.66	ng		99
57) Fluorene	10.17	166	20007	2.30	ng		98
70) Phenanthrene	11.13	178	278718	19.64	ng		99
71) Anthracene	11.18	178	77756	5.63	ng		97
74) Fluoranthene	12.31	202	351902	22.98	ng		95
77) Pyrene	12.54	202	324196	24.88	ng		98
80) Benzo(a)anthracene	13.71	228	138758	12.91	ng		98
82) Chrysene	13.75	228	87162	9.00	ng		97
87) Benzo(b)fluoranthene	14.71	252	104859m	11.29	ng		
88) Benzo(k)fluoranthene	14.73	252	37417m	4.33	ng		
89) Benzo(a)pyrene	15.02	252	82450	10.19	ng		96
90) Dibenzo(a,h)anthracene	16.29	278	18310	2.90	ng	#	87
91) Benzo(g,h,i)perylene	16.64	276	47172	7.38	ng	#	89

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

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Manual Integrations APPROVED
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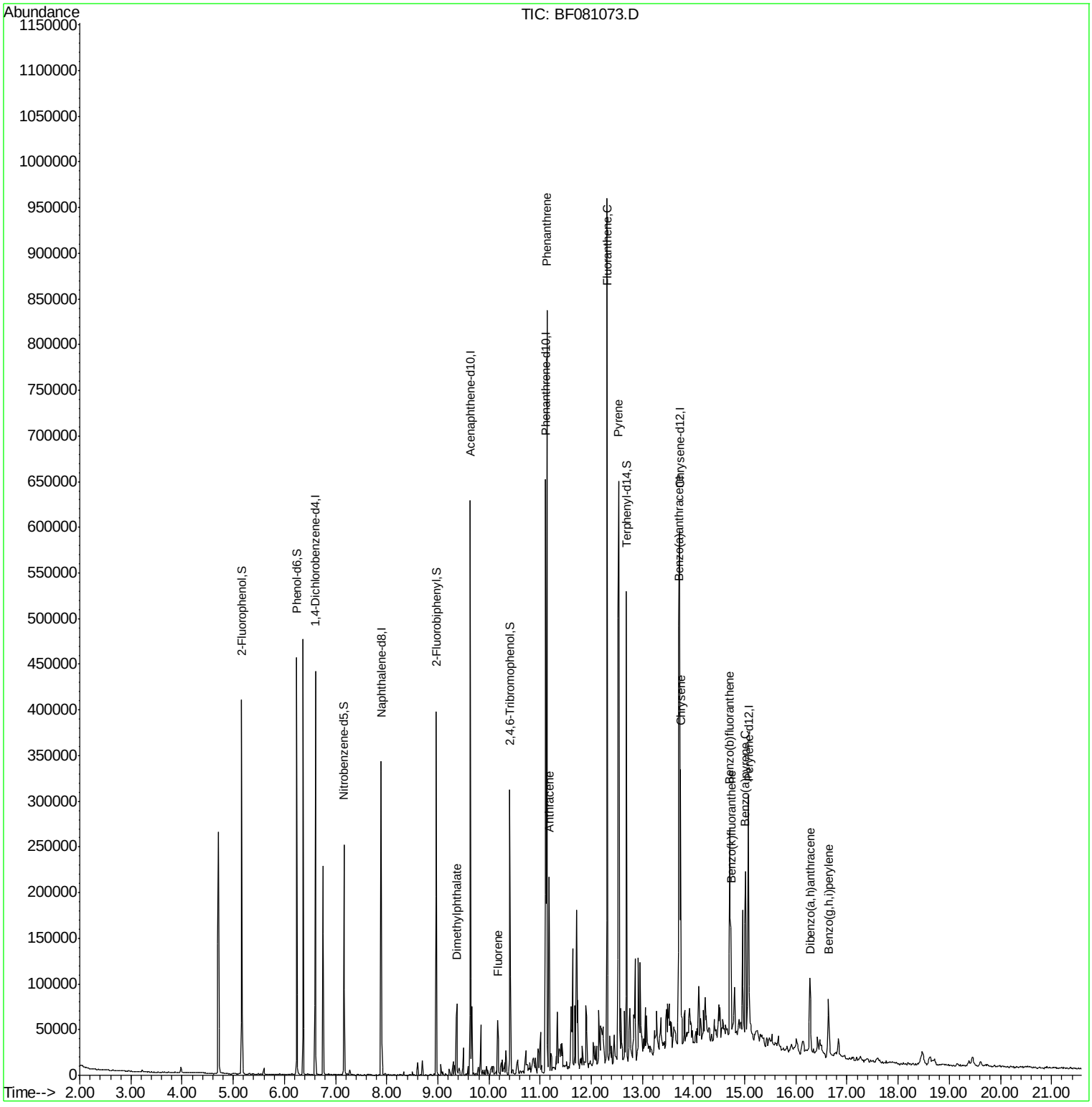
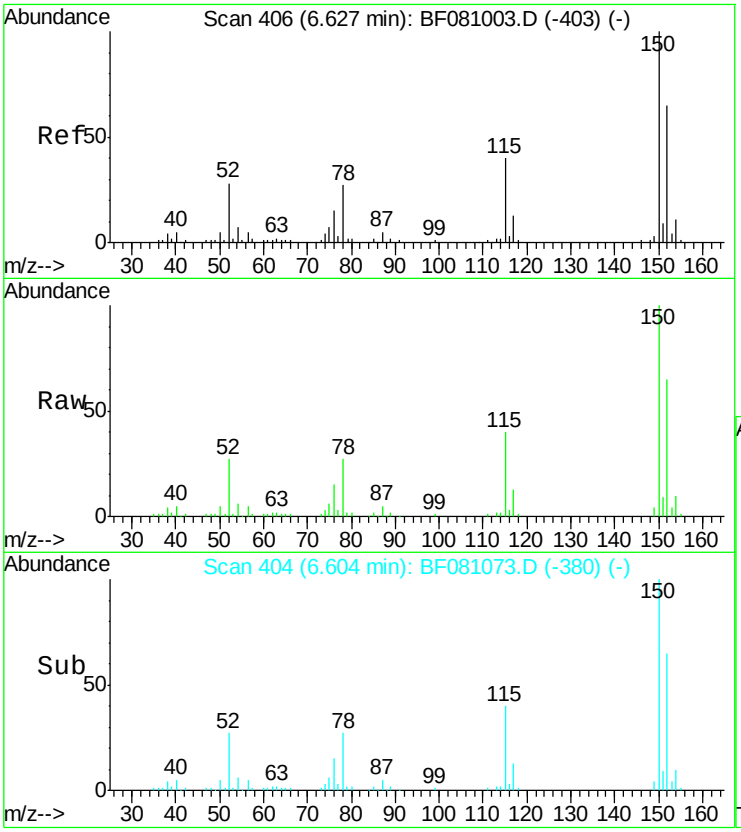
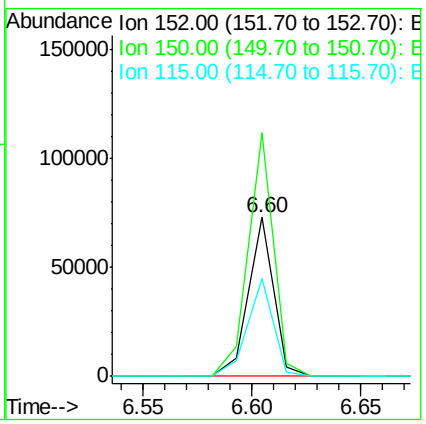




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:152 Resp: 58917

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.8	185.6
115	61.4	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

Manual Integrations APPROVED
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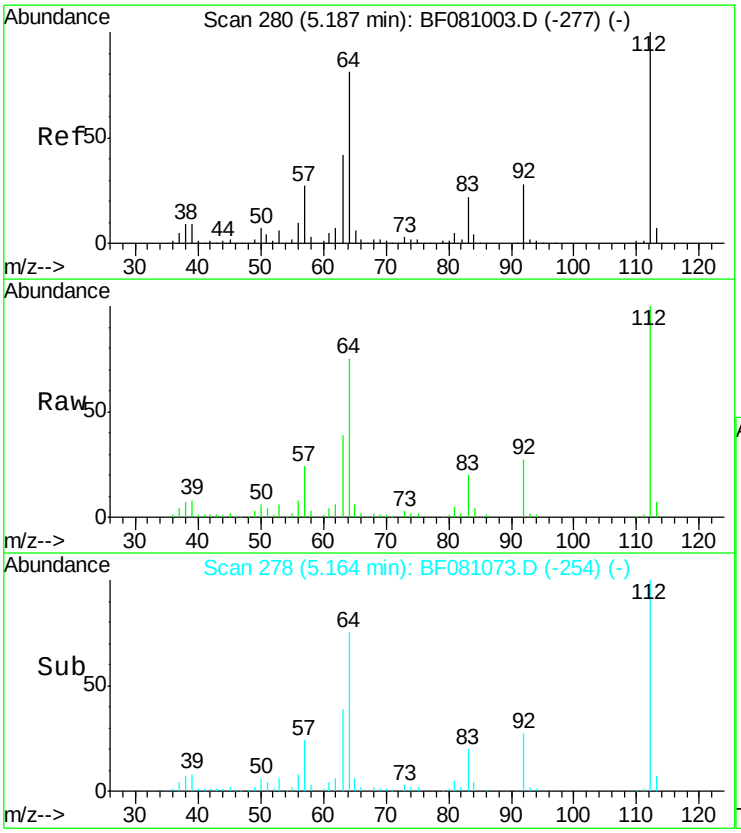
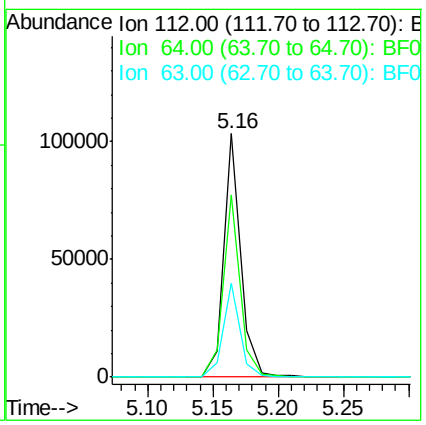
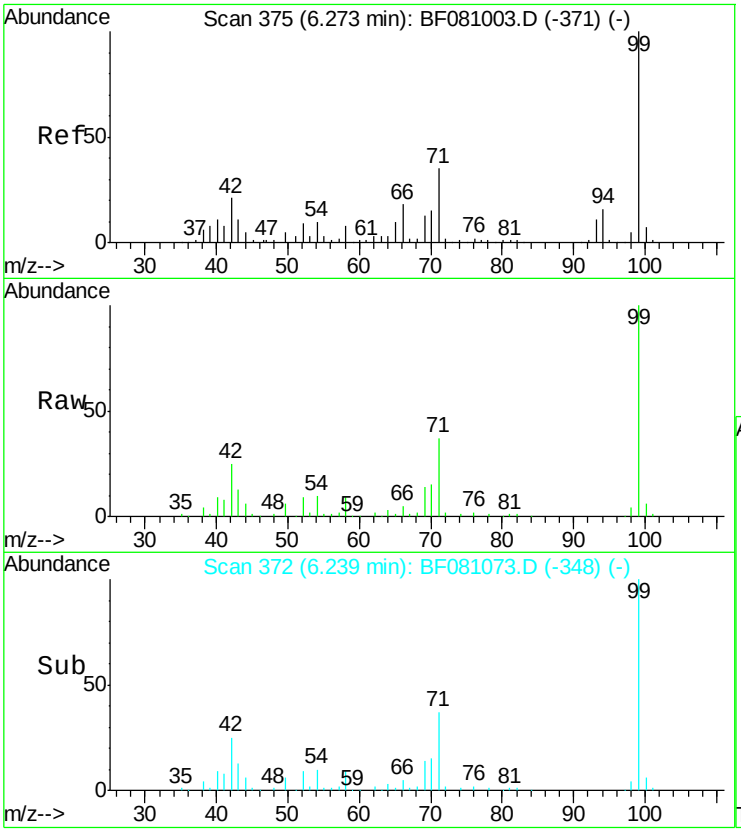


#5
2-Fluorophenol
Concen: 24.17 ng
RT: 5.16 min Scan# 278
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:112 Resp: 94695

Ion	Ratio	Lower	Upper
112	100		
64	74.9	66.9	100.3
63	38.6	38.1	57.1

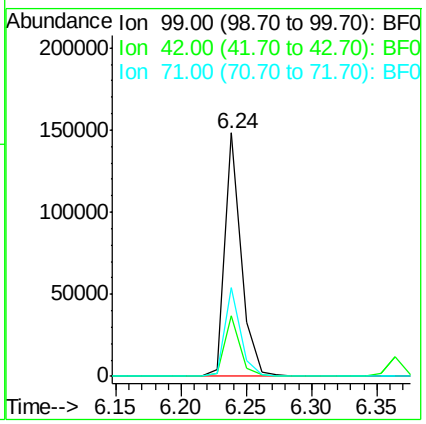




#7
Phenol-d6
Concen: 25.52 ng
RT: 6.24 min Scan# 372
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion: 99 Resp: 130416

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.6	29.4
71	36.6	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

Manual Integrations APPROVED
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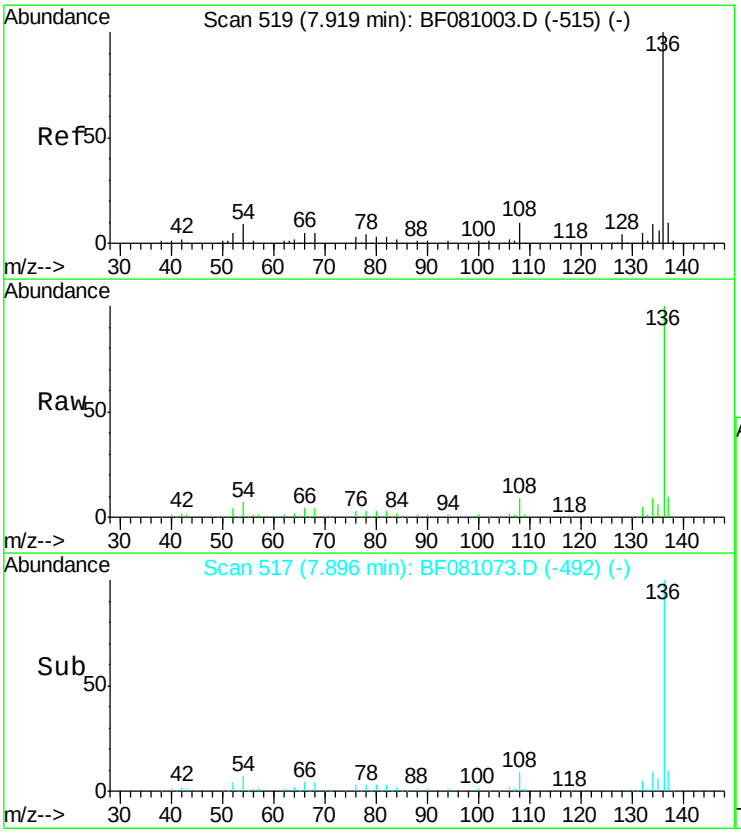
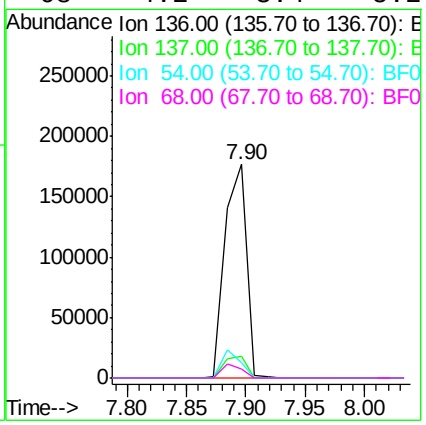
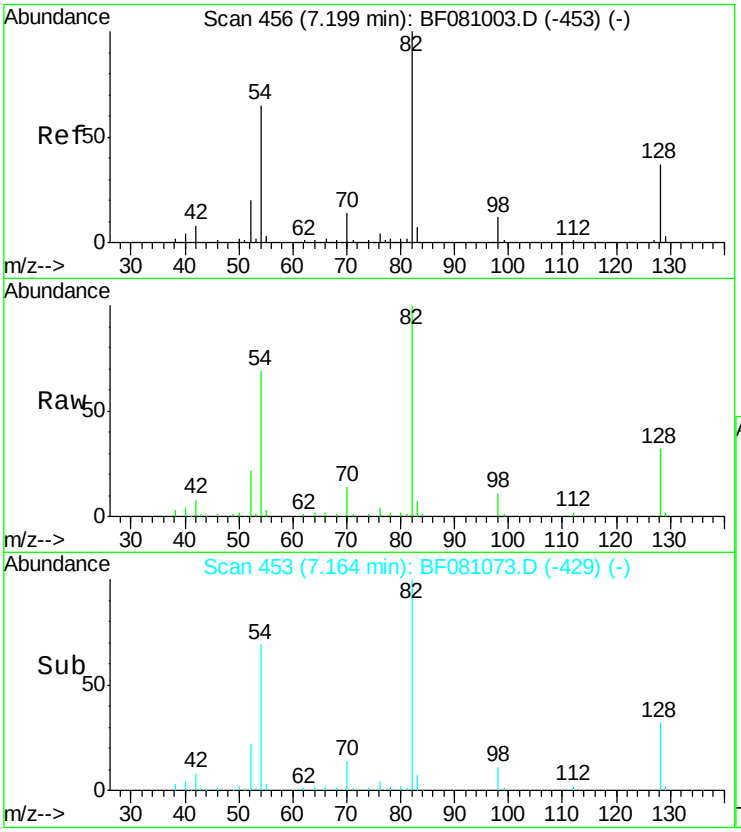


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:136 Resp: 221651

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	7.3	7.7	11.5#
68	4.2	3.4	5.2

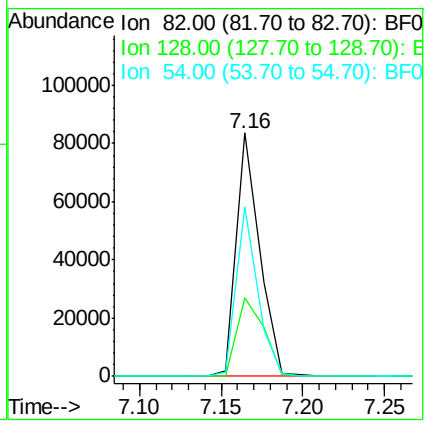




#23
Nitrobenzene-d5
Concen: 16.83 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion: 82 Resp: 81669

Ion	Ratio	Lower	Upper
82	100		
128	32.5	28.6	42.8
54	69.4	55.1	82.7



Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

Manual Integrations APPROVED
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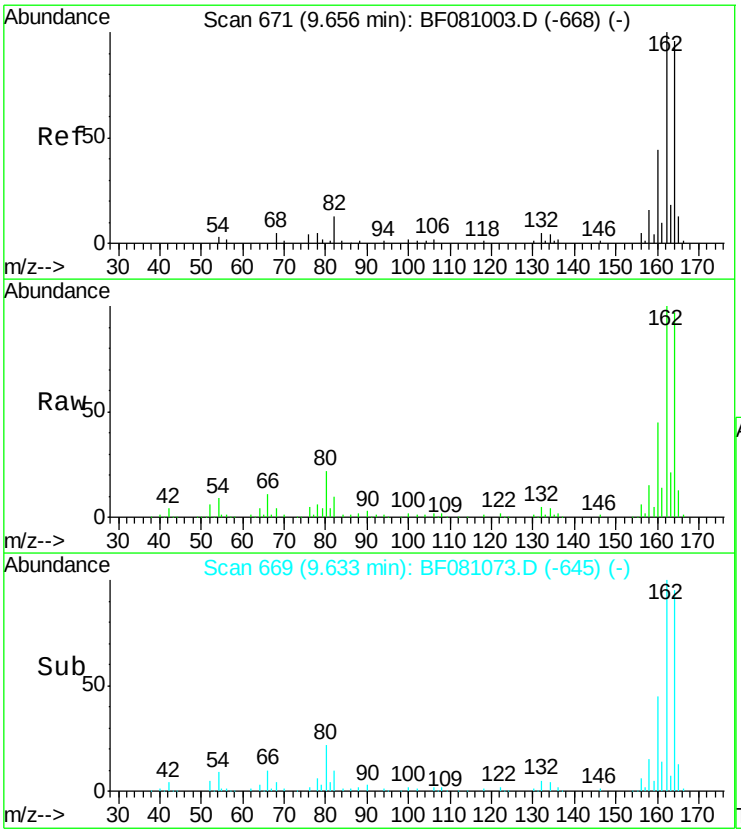
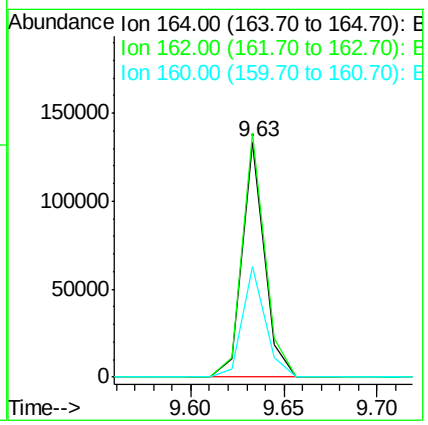
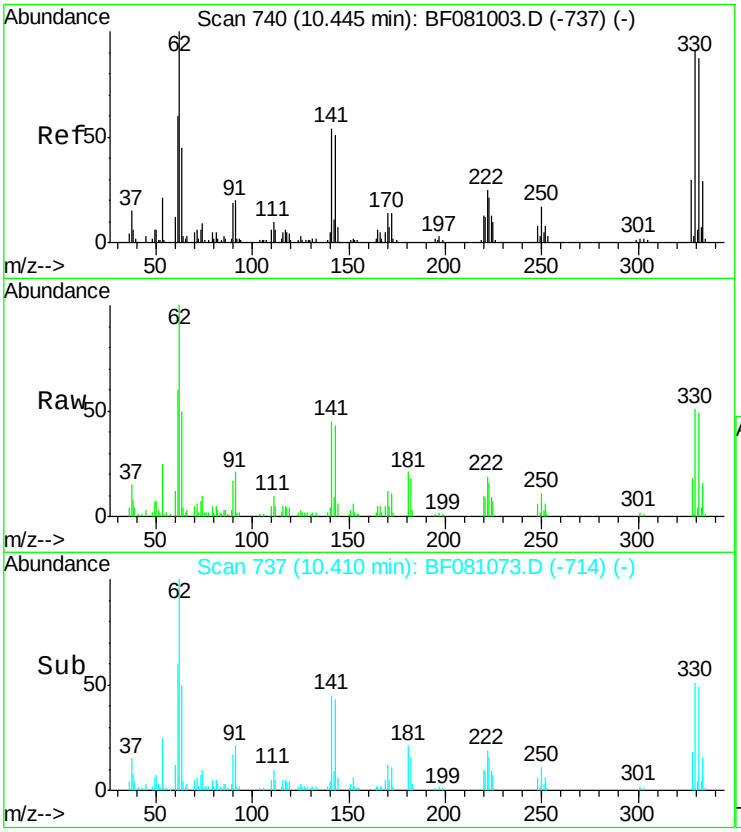


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:164 Resp: 111589

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.8	125.8
160	46.9	39.8	59.8

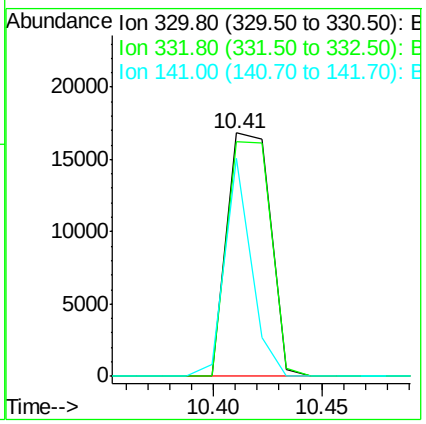




#41
2,4,6-Tribromophenol
Concen: 23.94 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:330 Resp: 23159

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	55.0	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

Manual Integrations APPROVED
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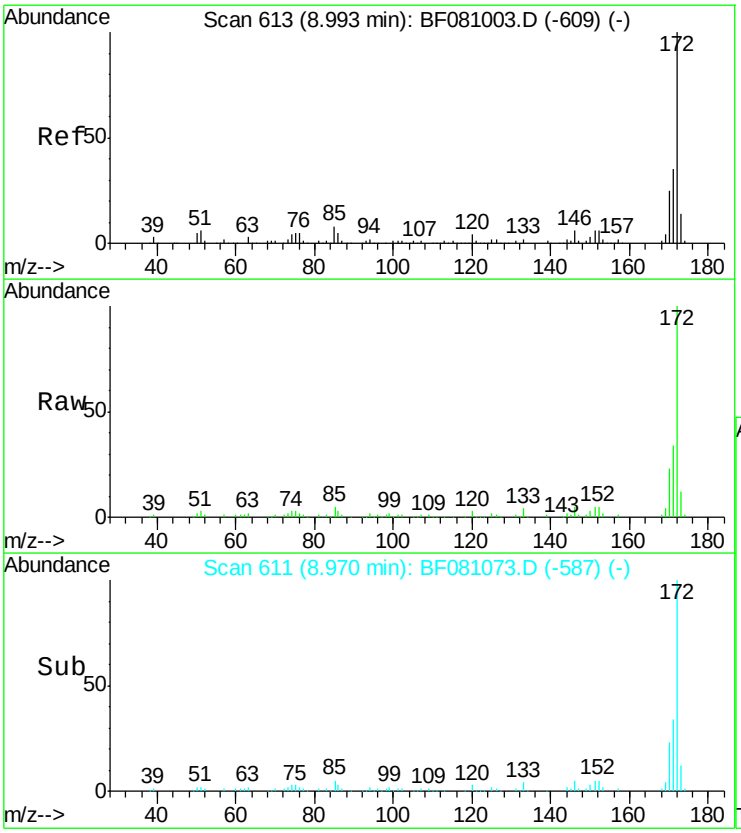
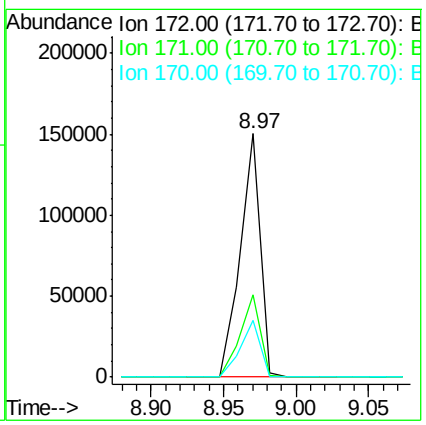
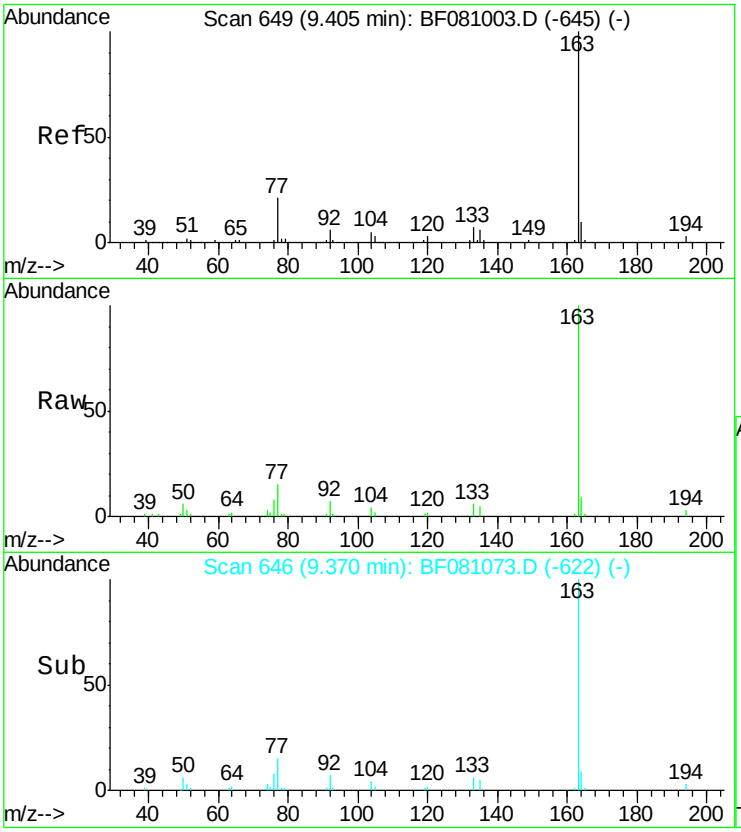


#44
2-Fluorobiphenyl
Concen: 16.88 ng
RT: 8.97 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:172 Resp: 143754

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.9	43.3
170	23.1	19.4	29.2

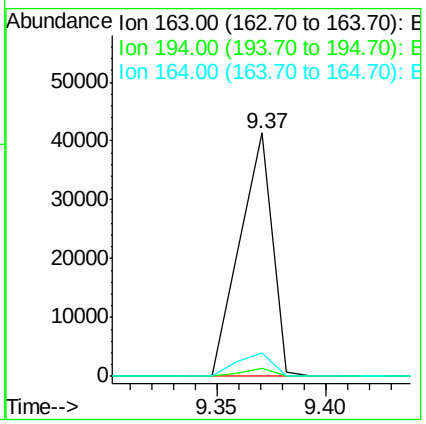




#49
Dimethylphthalate
Concen: 4.66 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:163 Resp: 42814

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.5	3.7
164	9.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

Manual Integrations APPROVED
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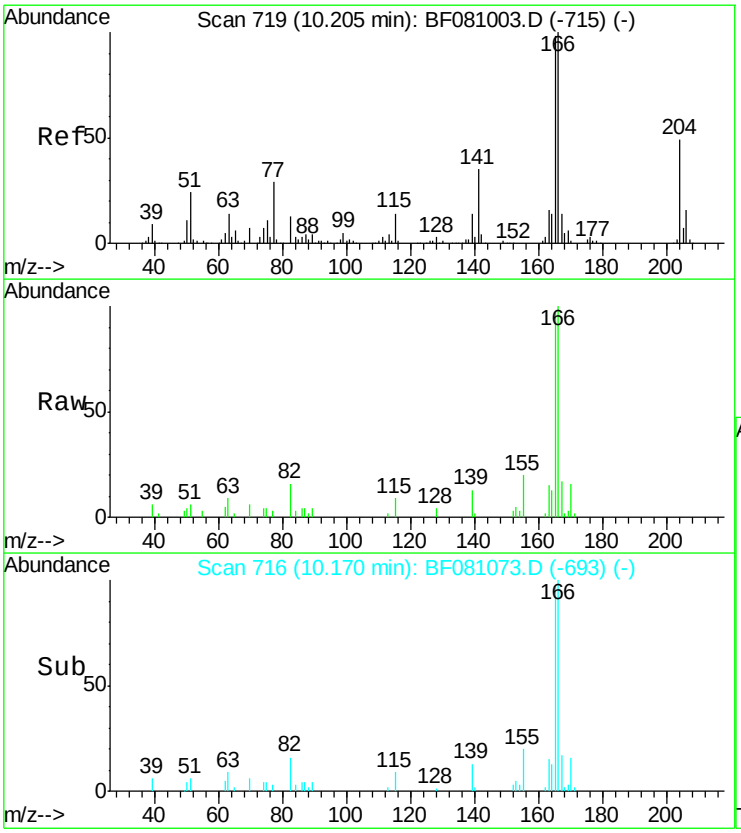
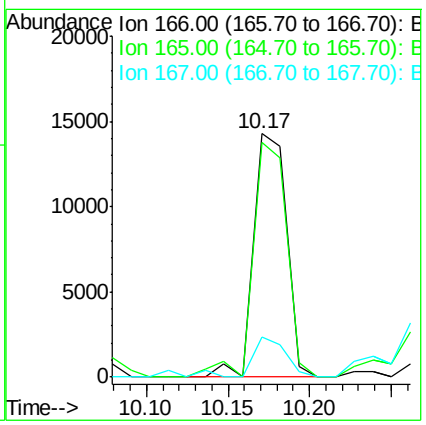
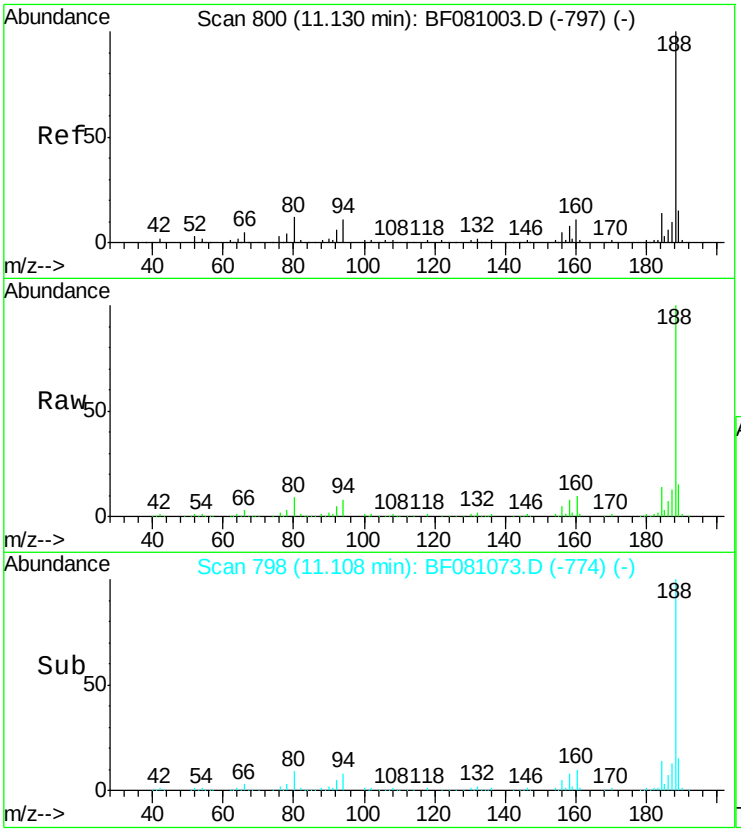


#57
Fluorene
Concen: 2.30 ng
RT: 10.17 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:166 Resp: 20007

Ion	Ratio	Lower	Upper
166	100		
165	96.5	75.8	113.8
167	16.6	11.3	16.9

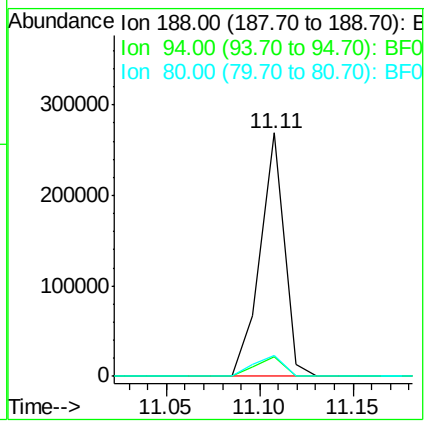




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:188 Resp: 239413

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.6	9.5	14.3#



Instrument :
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ClientSampleId :
TEC-COMPDL

Manual Integrations APPROVED
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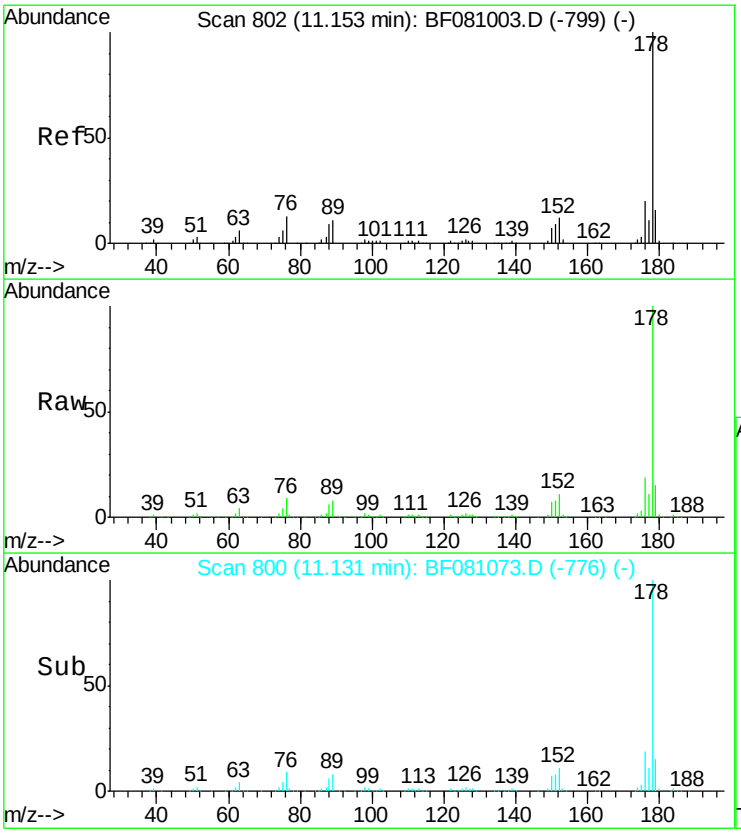
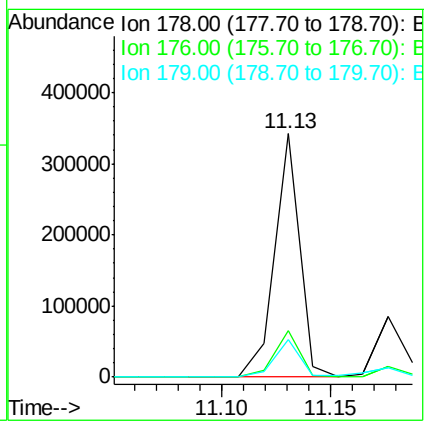
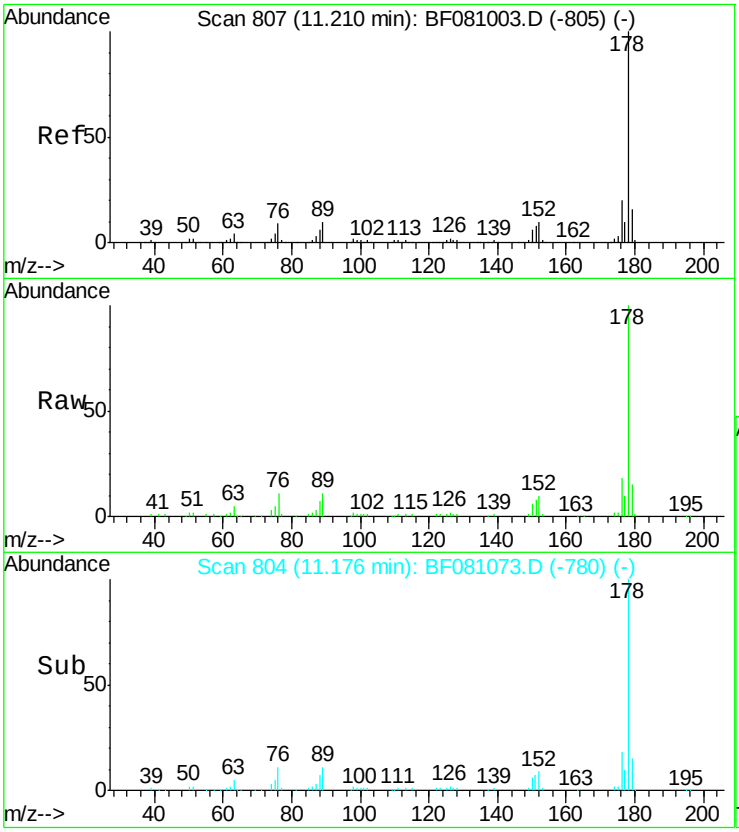


#70
Phenanthrene
Concen: 19.64 ng
RT: 11.13 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:178 Resp: 278718

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.4	12.2	18.2

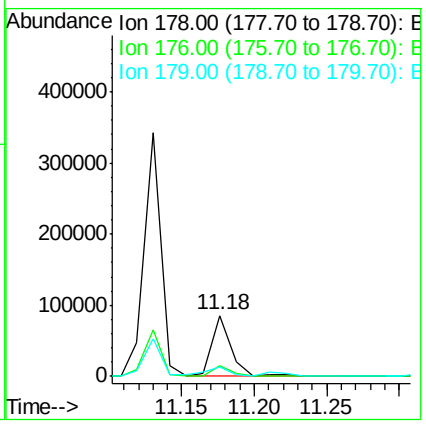




#71
Anthracene
Concen: 5.63 ng
RT: 11.18 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

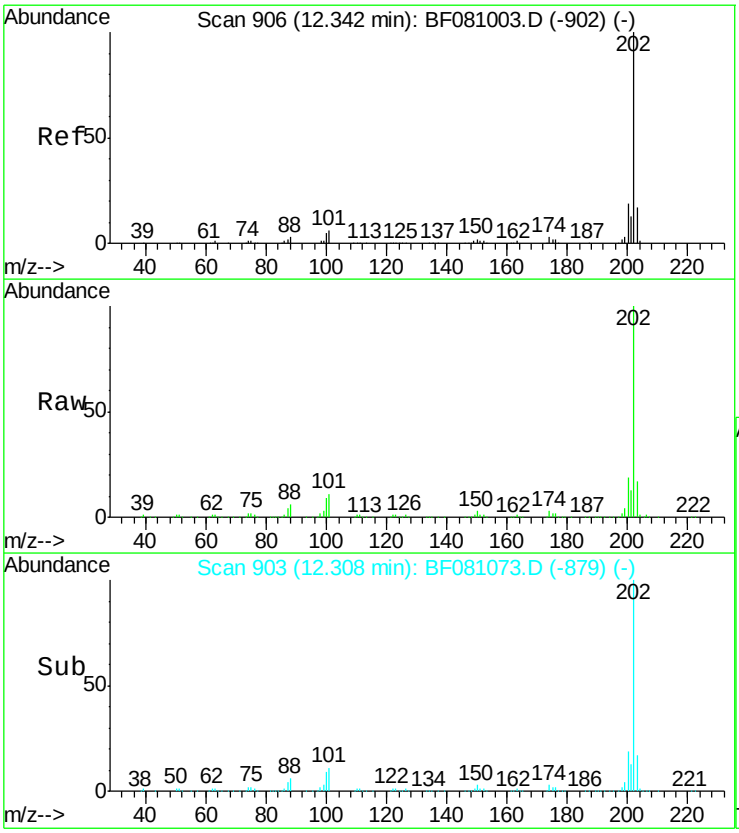
Tgt Ion:178 Resp: 77756

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.7	23.5
179	15.2	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

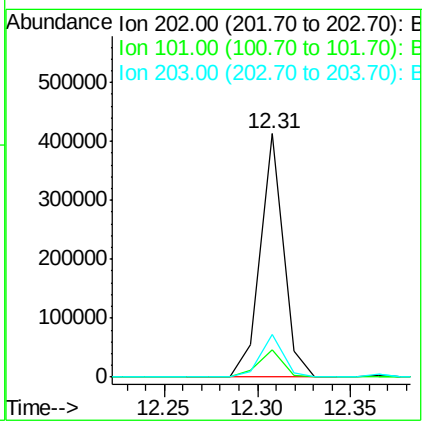
Manual Integrations APPROVED
MMDadoda
8/19/2015 2:19:02 PM

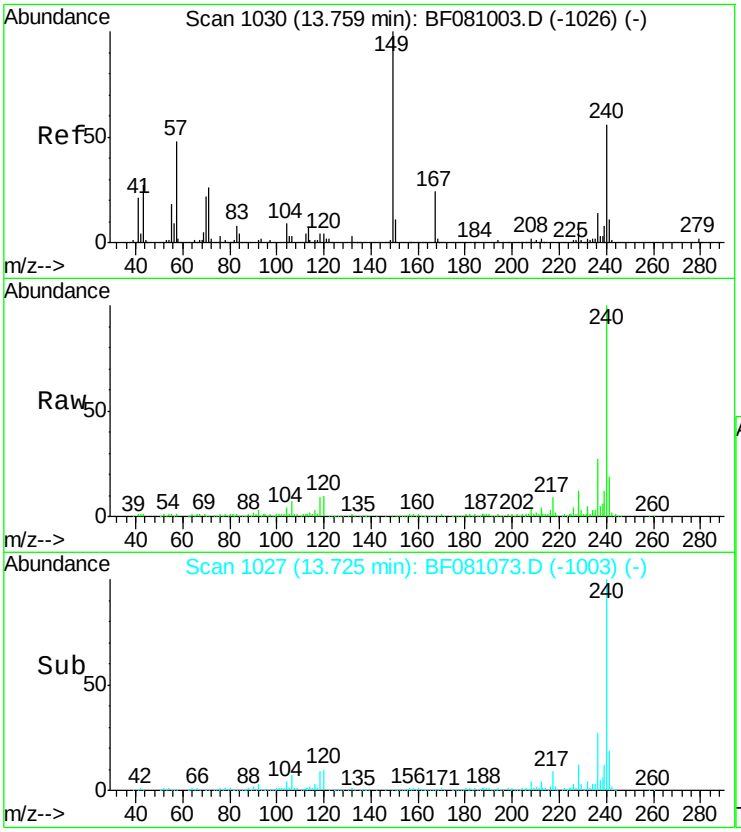


#74
Fluoranthene
Concen: 22.98 ng
RT: 12.31 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:202 Resp: 351902

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	24.8
203	17.5	0.0	36.9





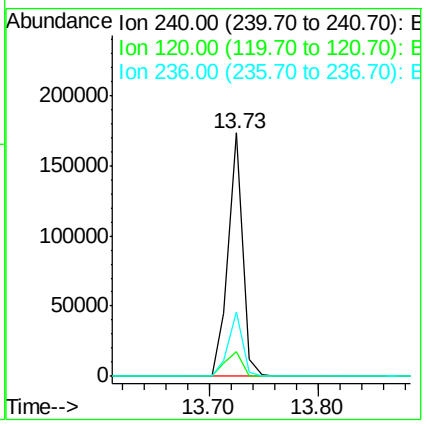
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

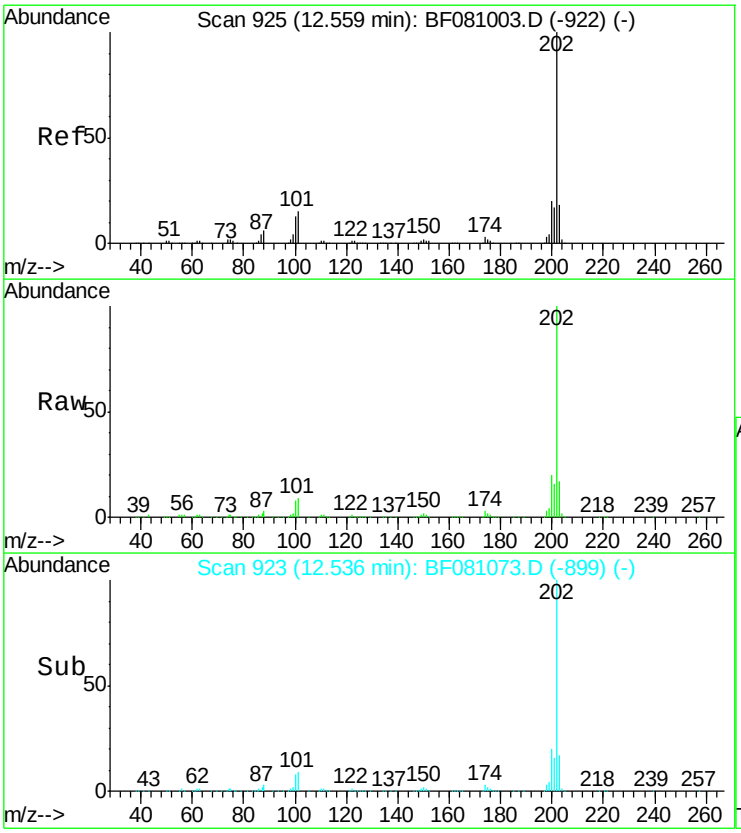
Tgt Ion:240 Resp: 160259

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.6	8.4#
236	26.6	20.6	30.8

Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:19:02 PM

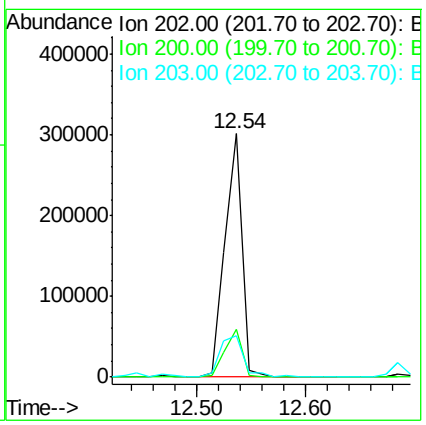


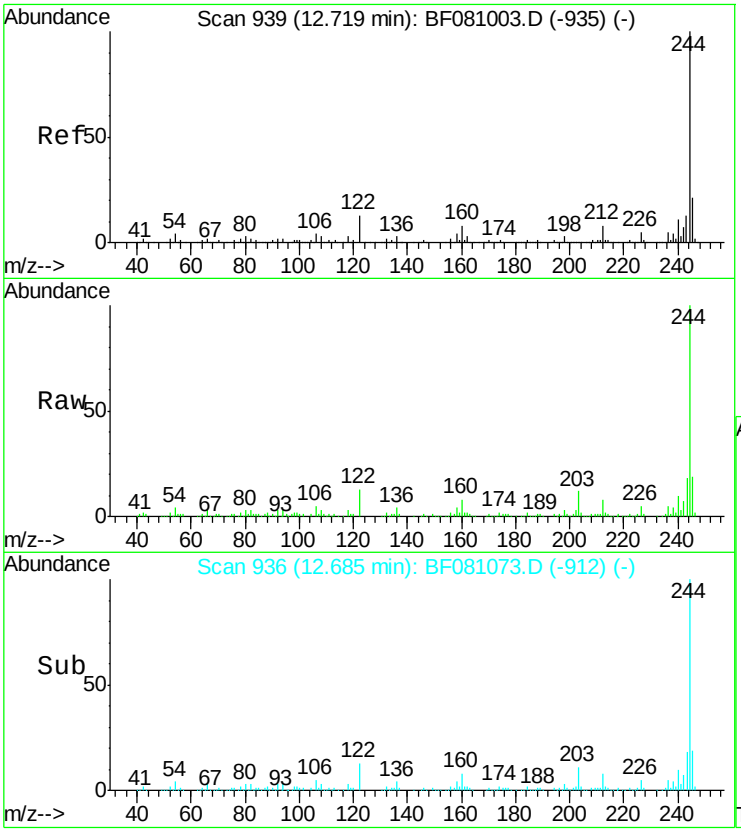


#77
Pyrene
Concen: 24.88 ng
RT: 12.54 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:202 Resp: 324196

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.6	24.8
203	16.9	14.1	21.1

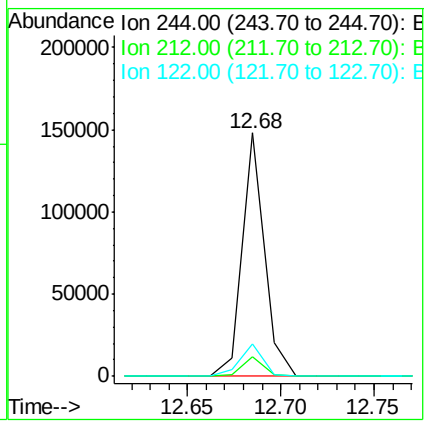




#78
Terphenyl-d14
Concen: 16.55 ng
RT: 12.68 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:244 Resp: 123720

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	13.2	8.2	12.4#



Instrument :
BNA_F
ClientSampleId :
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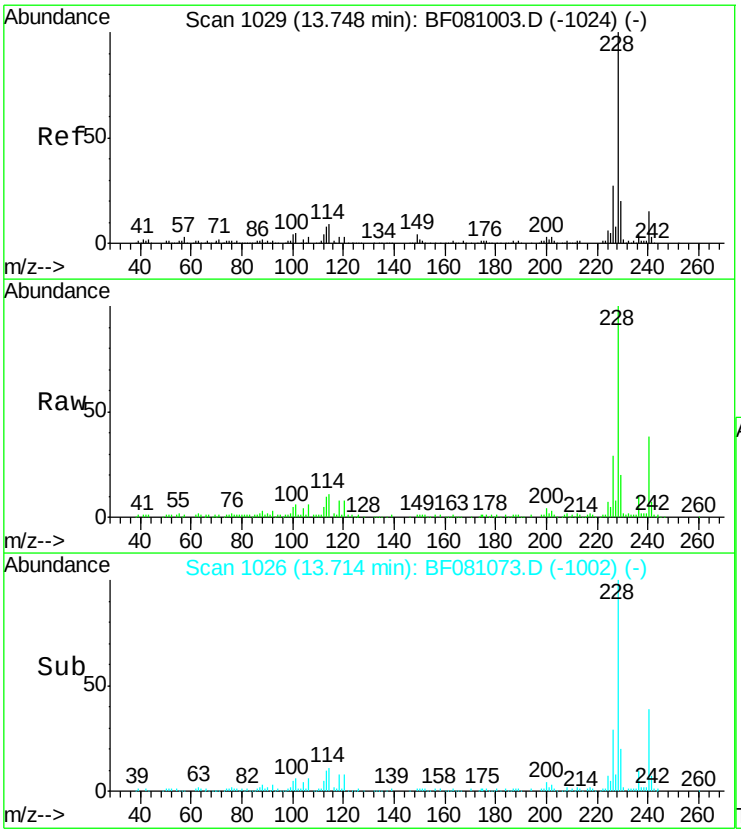
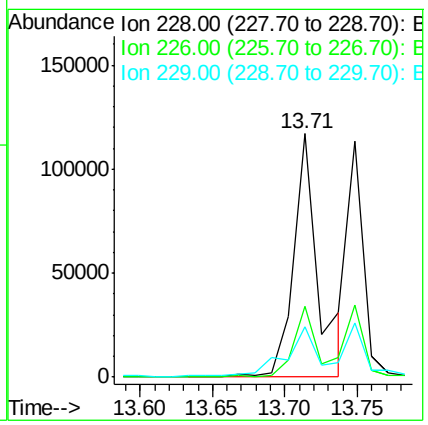
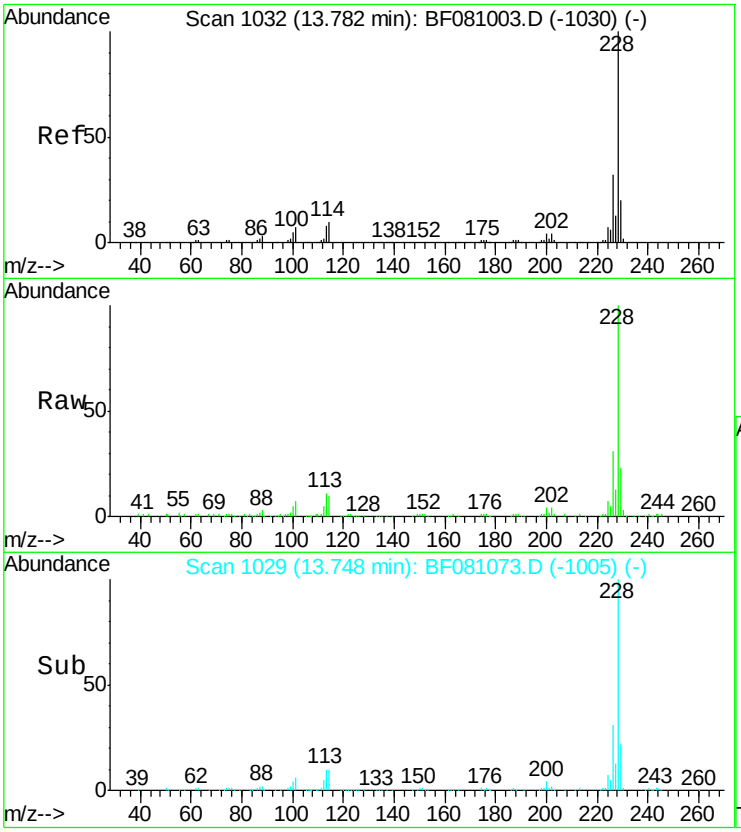


#80
Benzo(a)anthracene
Concen: 12.91 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:228 Resp: 138758

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	20.5	15.9	23.9

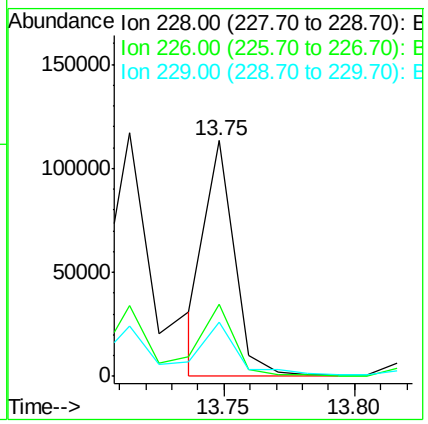




#82
Chrysene
Concen: 9.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:228 Resp: 87162

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	22.9	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

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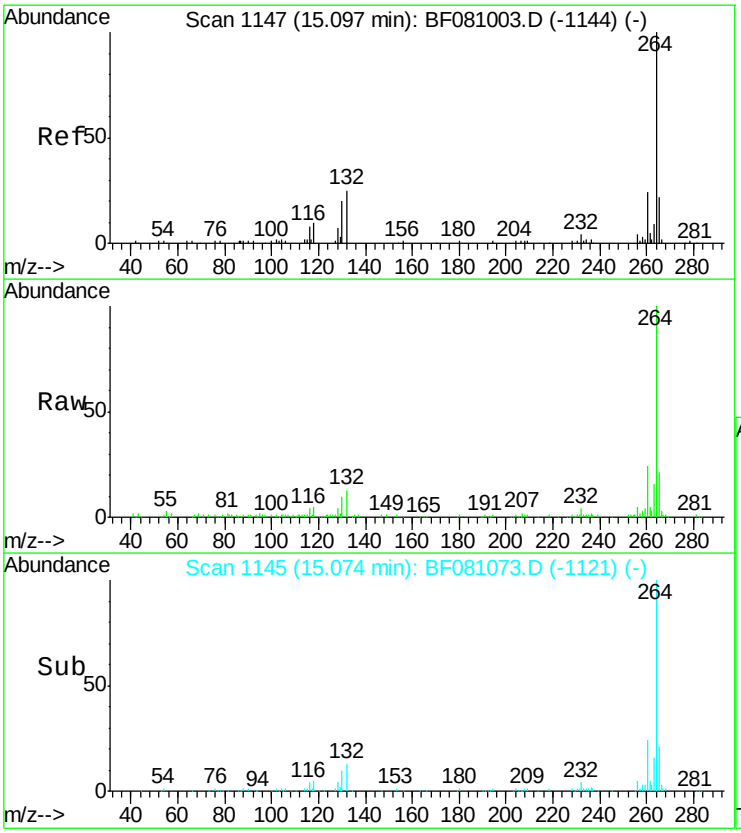
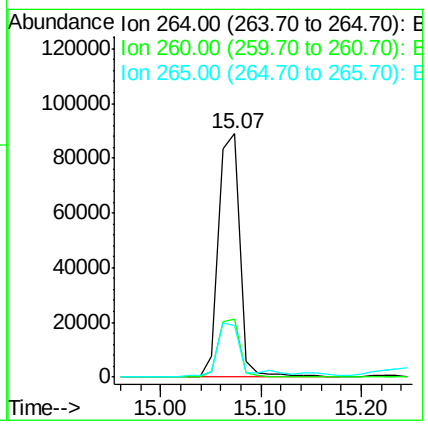
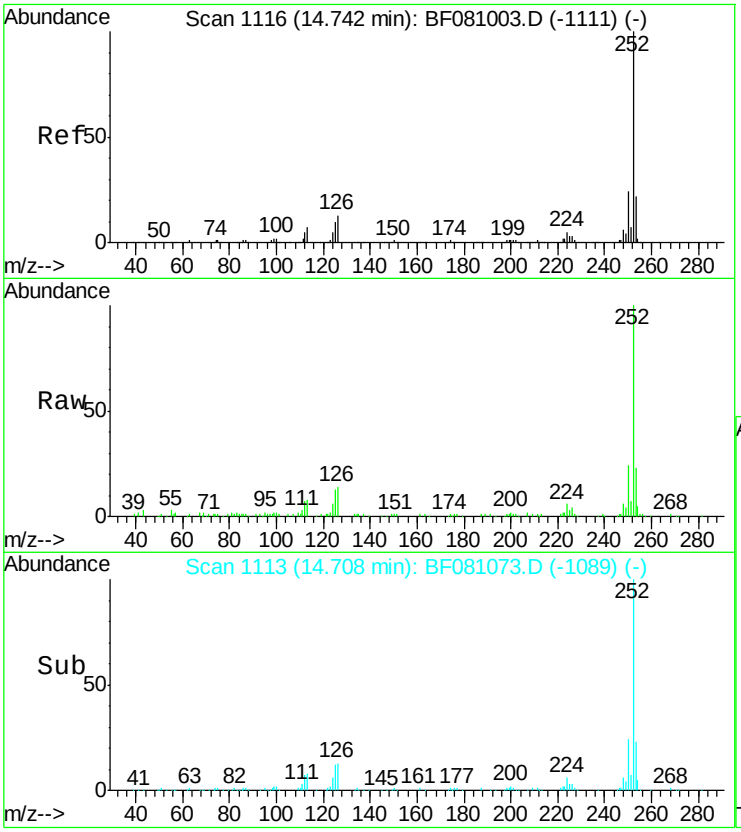


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:264 Resp: 131249

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.2	17.5	26.3

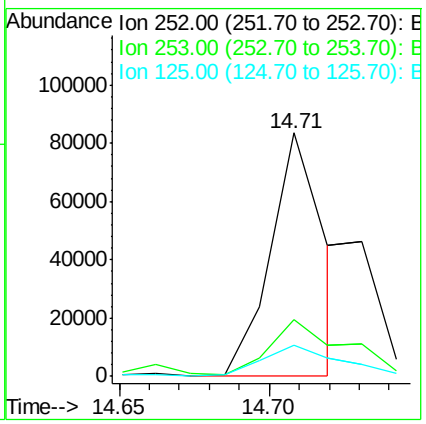




#87
Benzo(b)fluoranthene
Concen: 11.29 ng m
RT: 14.71 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:252 Resp: 104859

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	12.7	8.0	12.0#



Instrument :
BNA_F
ClientSampleId :
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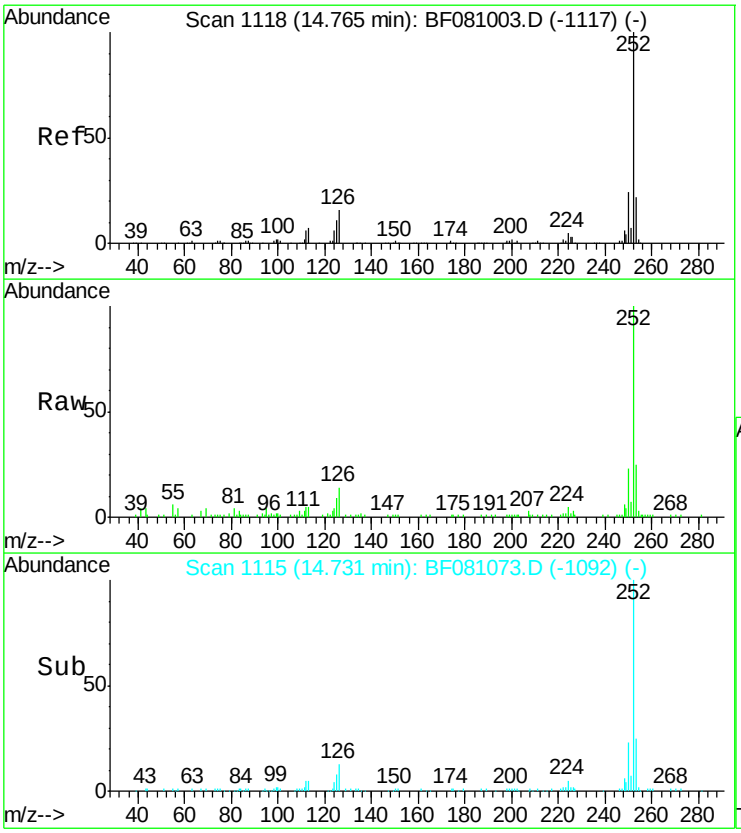
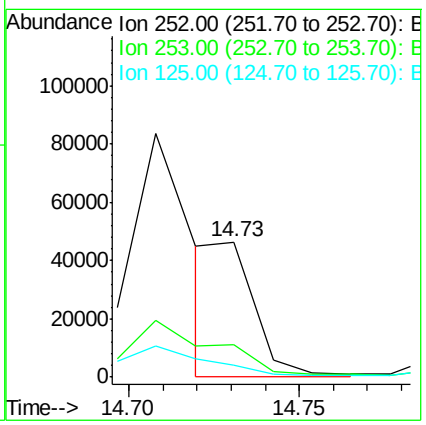
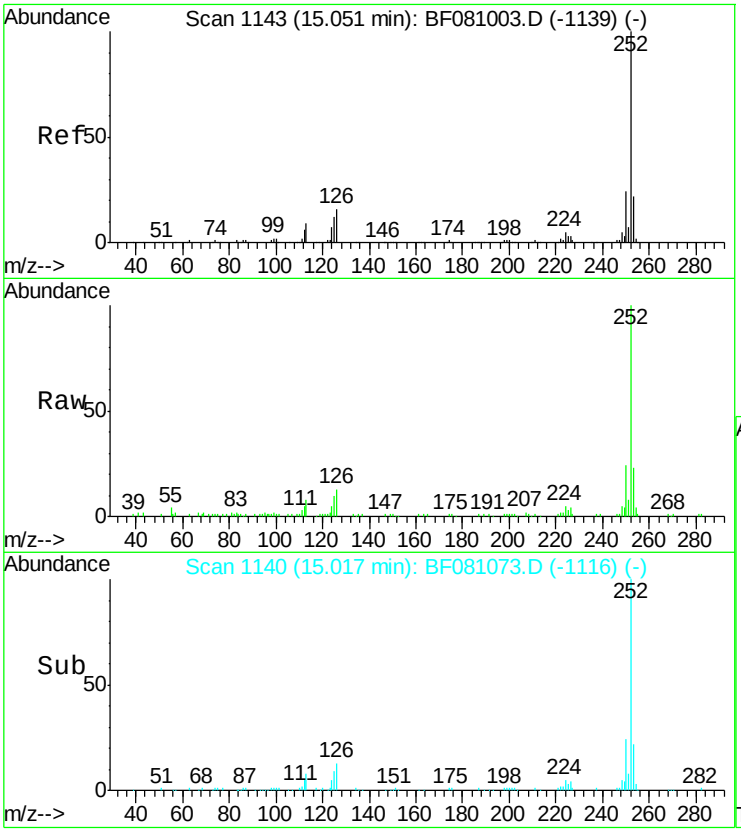


#88
Benzo(k)fluoranthene
Concen: 4.33 ng m
RT: 14.73 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:252 Resp: 37417

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	9.2	10.3	15.5#

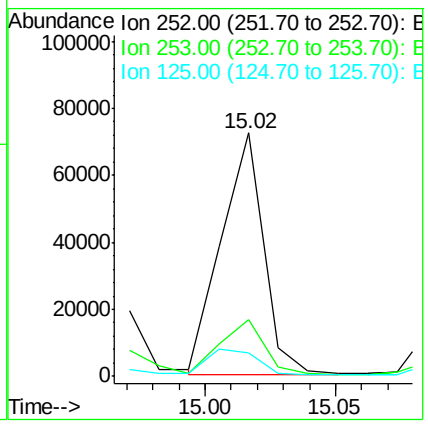




#89
Benzo(a)pyrene
Concen: 10.19 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:252 Resp: 82450

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.6	25.0
125	9.5	7.8	11.8



Instrument :
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ClientSampleId :
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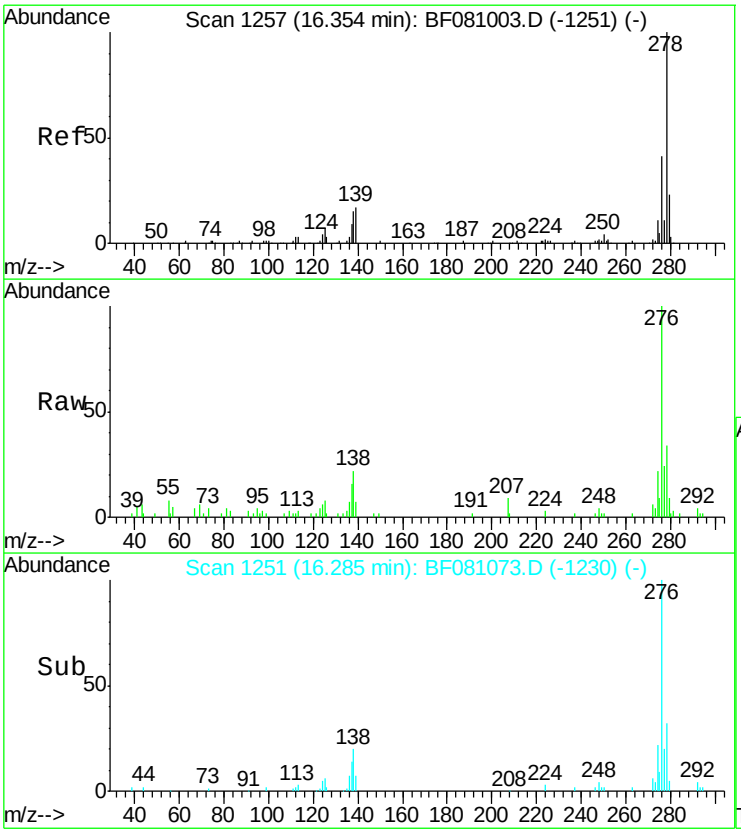
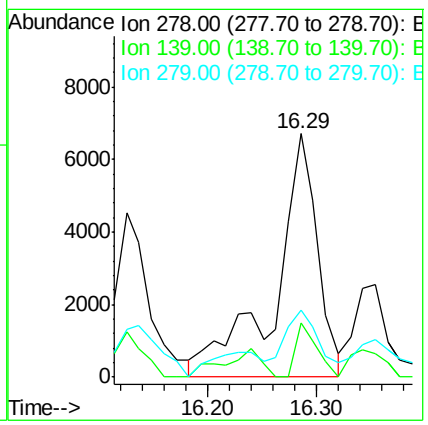
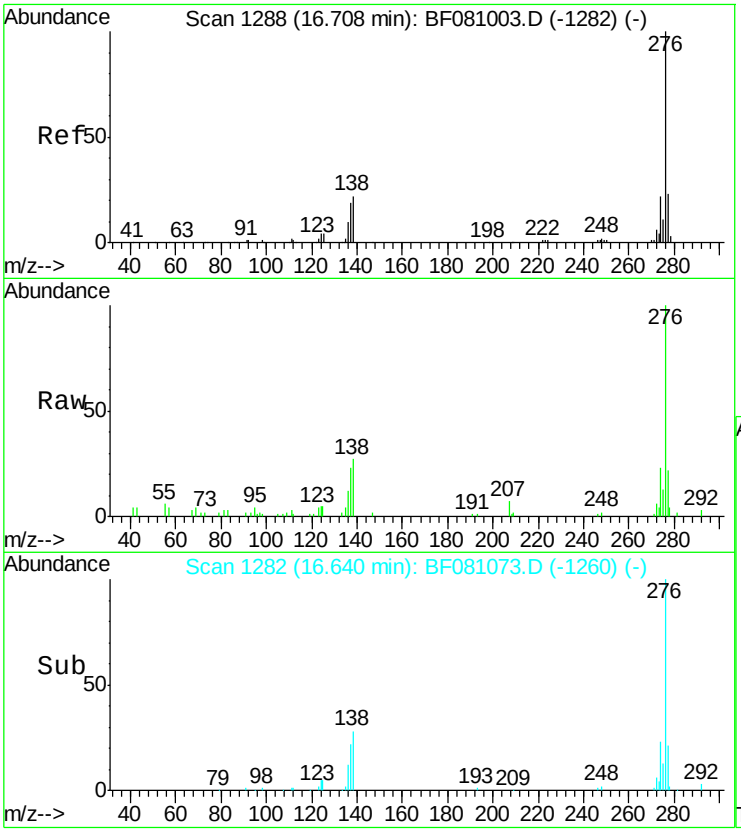


#90
Dibenzo(a,h)anthracene
Concen: 2.90 ng
RT: 16.29 min Scan# 1251
Delta R.T. -0.06 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:278 Resp: 18310

Ion	Ratio	Lower	Upper
278	100		
139	22.1	10.8	16.2#
279	27.6	19.0	28.6

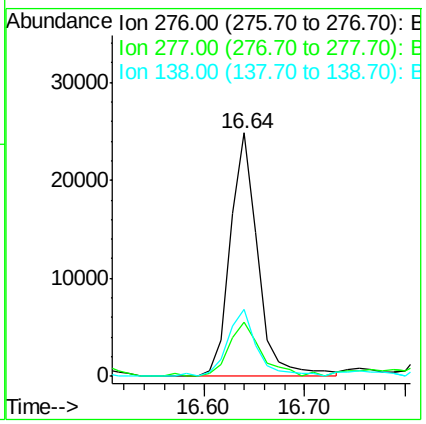




#91
Benzo(g,h,i)perylene
Concen: 7.38 ng
RT: 16.64 min Scan# 1282
Delta R.T. -0.05 min
Lab File: BF081073.D
Acq: 19 Aug 2015 8:30

Tgt Ion:276 Resp: 47172

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.2	27.2
138	27.3	13.7	20.5#



Instrument :
BNA_F
ClientSampleId :
TEC-COMPDL

Manual Integrations APPROVED
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