Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081375.D
Acq On : 3 Sep 2015 4:59
Operator : UM/IZ
Sample : G3491-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:45:59 PM

Quant Time: Sep 03 05:28:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	65401	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	244869	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	111294	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	188685	20.00	ng		0.00
75) Chrysene-d12	13.49	240	106160	20.00	ng		-0.01
86) Perylene-d12	14.80	264	87873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	653865	155.12	ng		0.03
7) Phenol-d6	6.07	99	780072	139.81	ng		0.01
23) Nitrobenzene-d5	6.97	82	579594	114.20	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	141832	143.13	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	845454	97.35	ng		0.00
78) Terphenyl-d14	12.47	244	484103	106.15	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.16	163	126145	14.59	ng	#	96
70) Phenanthrene	10.90	178	41813	3.99	ng		97
74) Fluoranthene	12.08	202	62066	5.47	ng		87
77) Pyrene	12.30	202	52355	6.66	ng		97
80) Benzo(a)anthracene	13.47	228	23688	3.50	ng		93
82) Chrysene	13.51	228	17567m	2.90	ng		
85) Indeno(1,2,3-cd)pyrene	15.89	276	10363	2.33	ng	#	93
87) Benzo(b)fluoranthene	14.47	252	22615m	3.60	ng		
88) Benzo(k)fluoranthene	14.48	252	10428m	2.00	ng		
89) Benzo(a)pyrene	14.75	252	16731	3.15	ng	#	88
91) Benzo(g,h,i)perylene	16.22	276	9548	2.44	ng	#	79

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081375.D
Acq On : 3 Sep 2015 4:59
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Misc :
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Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
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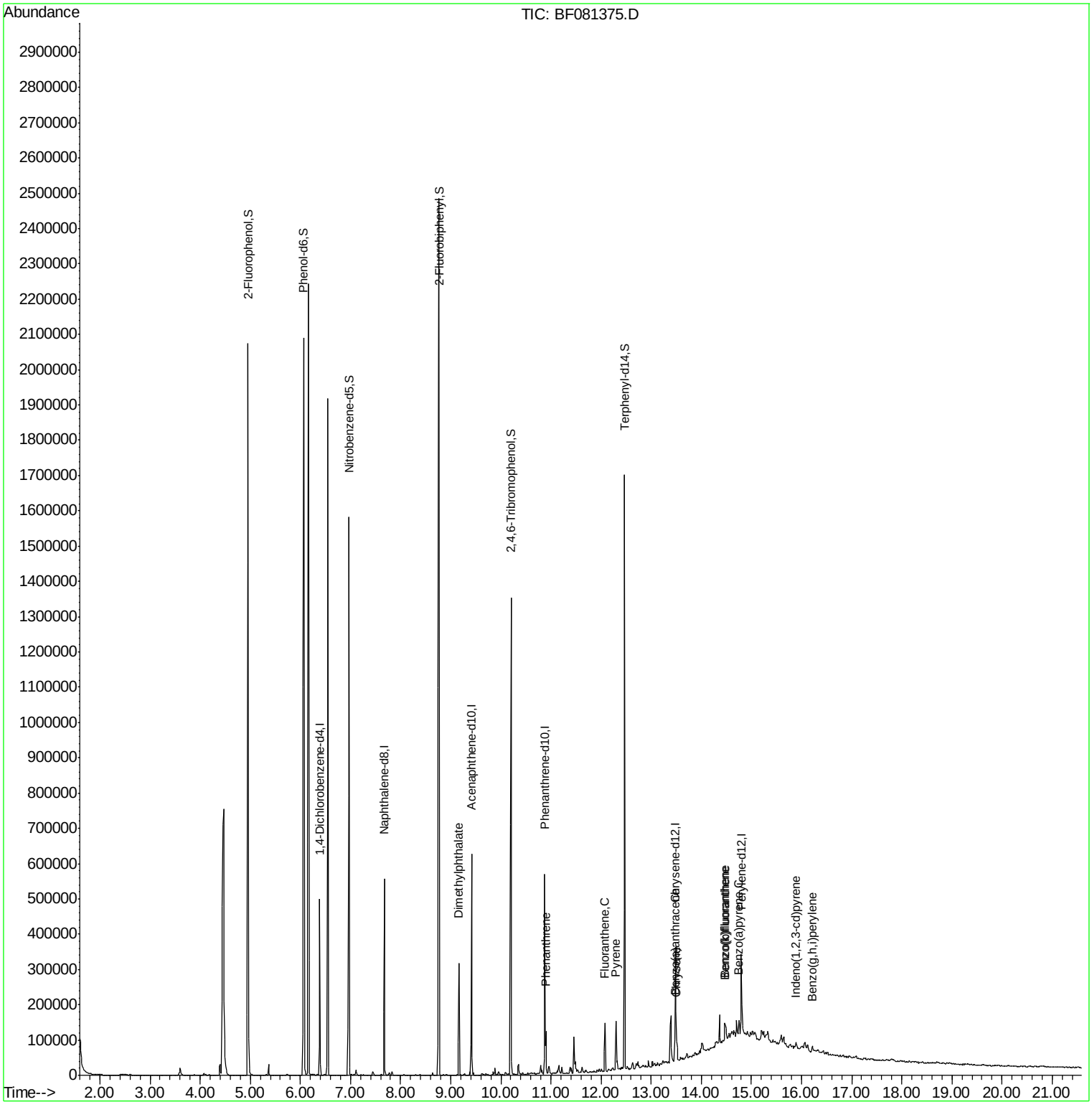
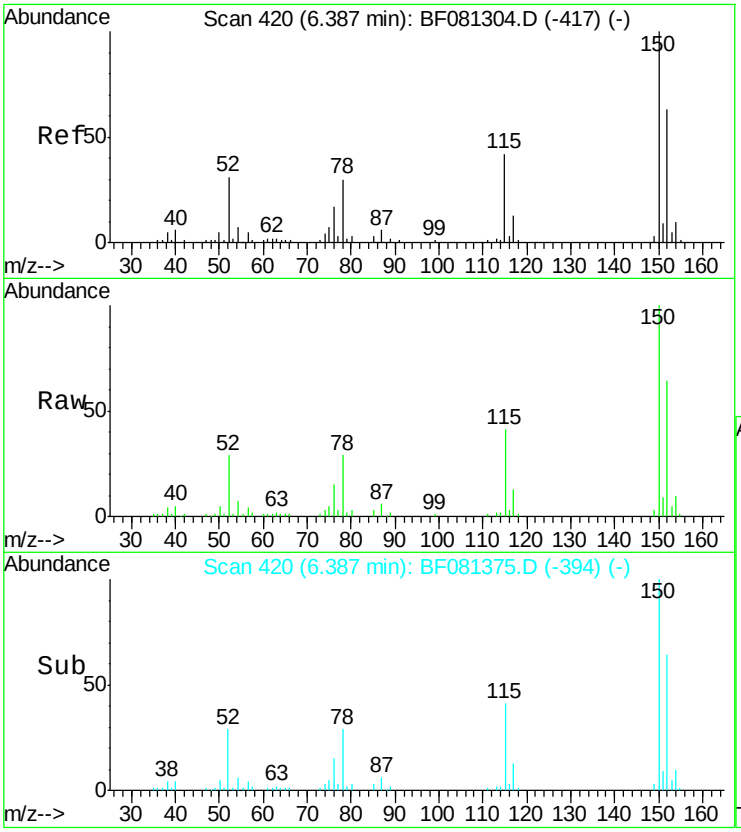
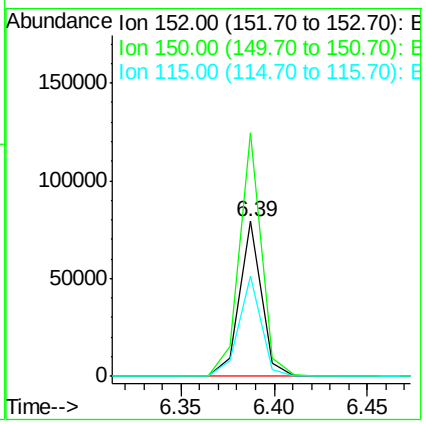




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:152 Resp: 65401

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.7	187.1
115	64.6	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
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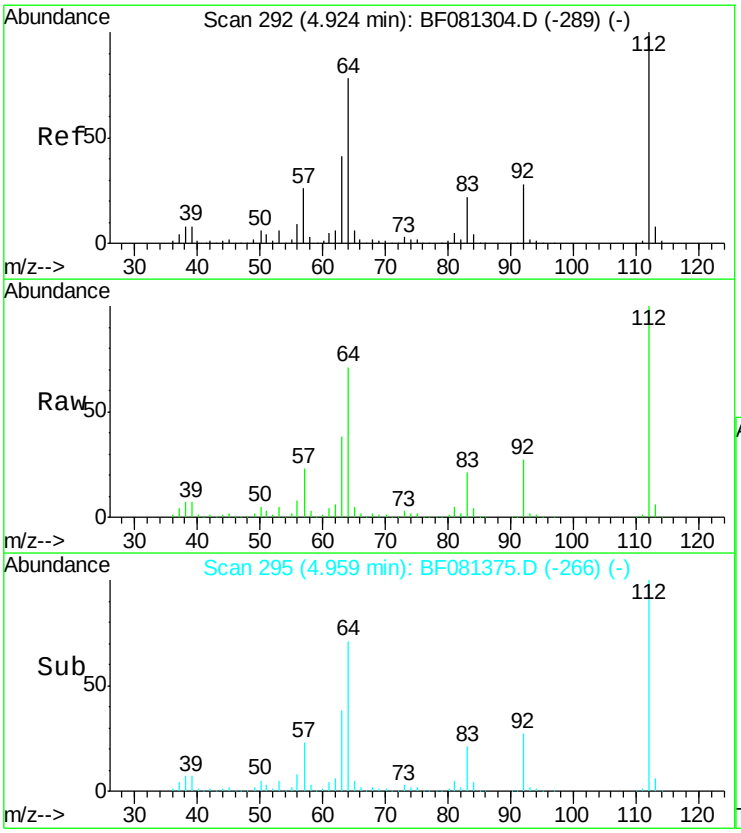
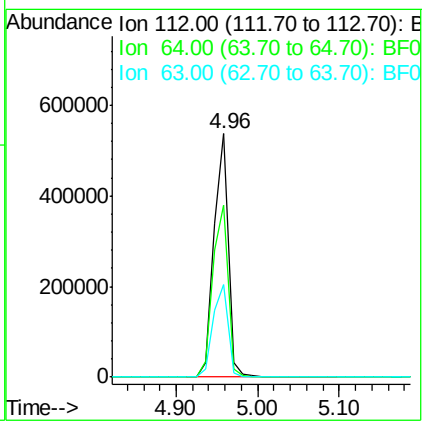
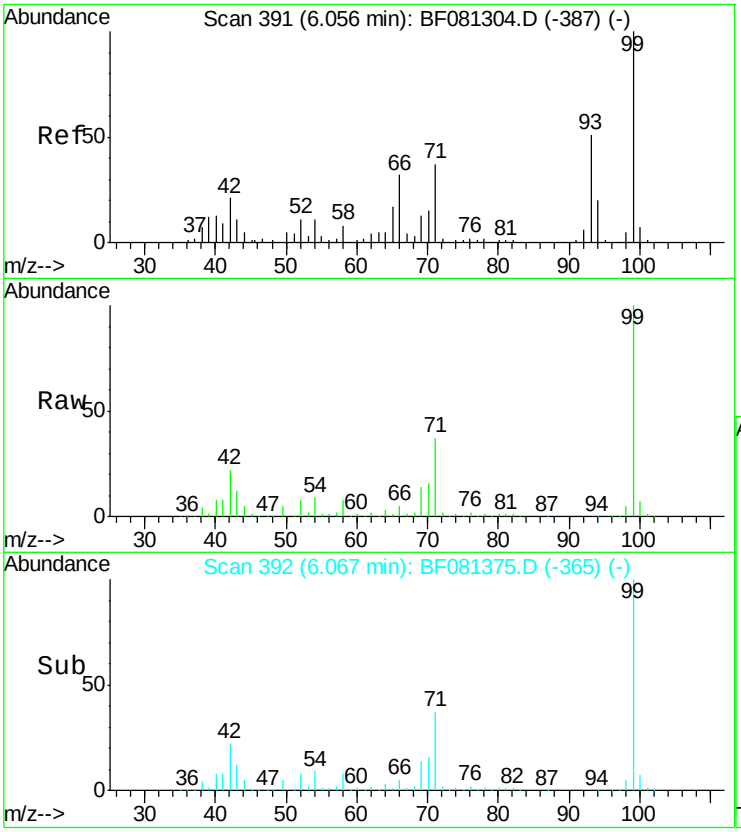


#5
2-Fluorophenol
Concen: 155.12 ng
RT: 4.96 min Scan# 295
Delta R.T. 0.03 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:112 Resp: 653865

Ion	Ratio	Lower	Upper
112	100		
64	70.7	39.7	59.5#
63	37.9	17.4	26.0#





#7
Phenol-d6
Concen: 139.81 ng
RT: 6.07 min Scan# 392
Delta R.T. 0.01 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion: 99 Resp: 780072

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.7	20.5#
71	37.3	14.2	21.2#

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
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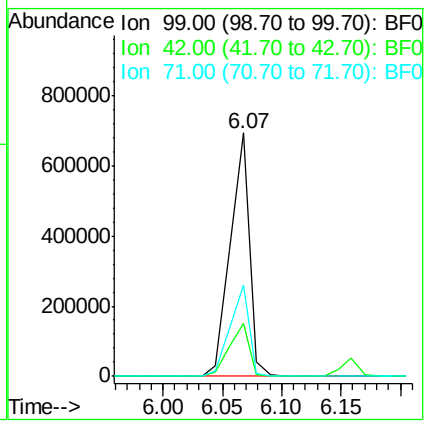
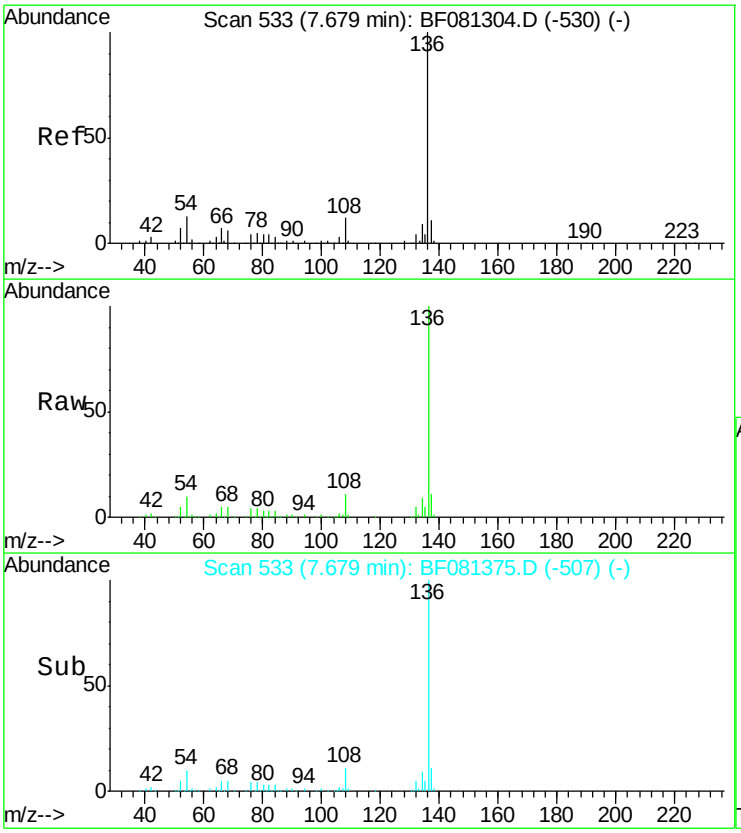
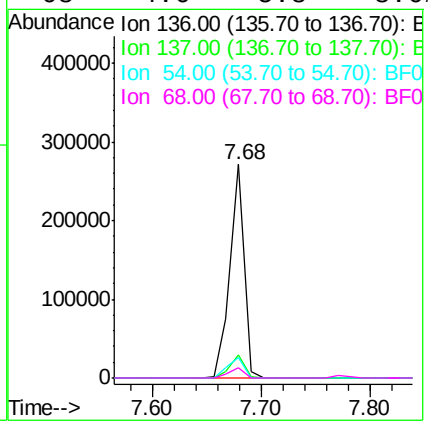


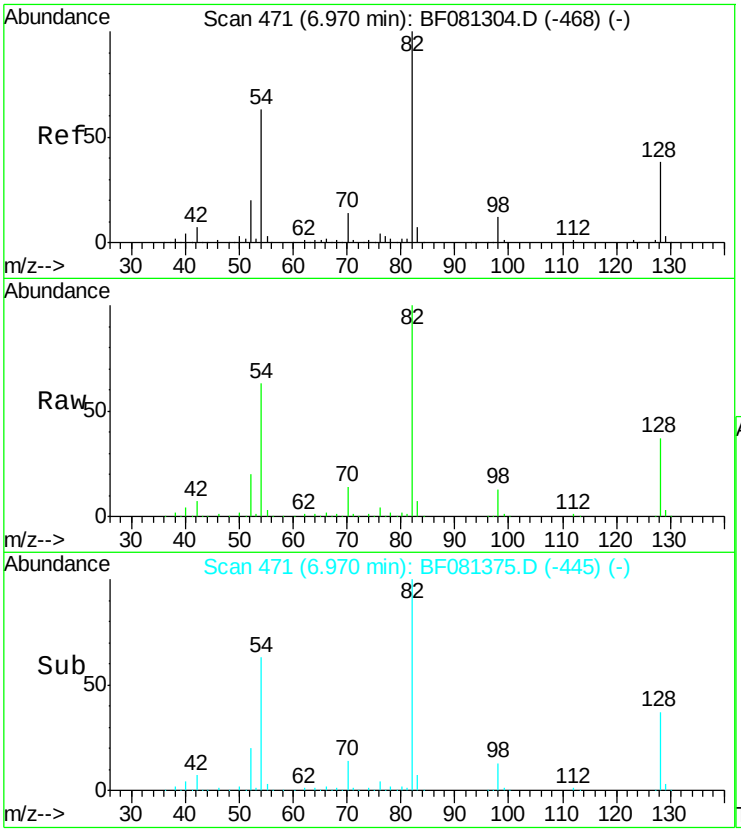


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:136 Resp: 244869

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.6	8.2	12.2
68	4.6	5.8	8.6#

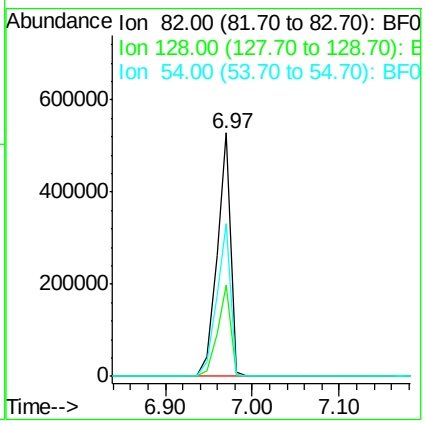




#23
Nitrobenzene-d5
Concen: 114.20 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion: 82 Resp: 579594

Ion	Ratio	Lower	Upper
82	100		
128	37.2	51.0	76.6#
54	62.9	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
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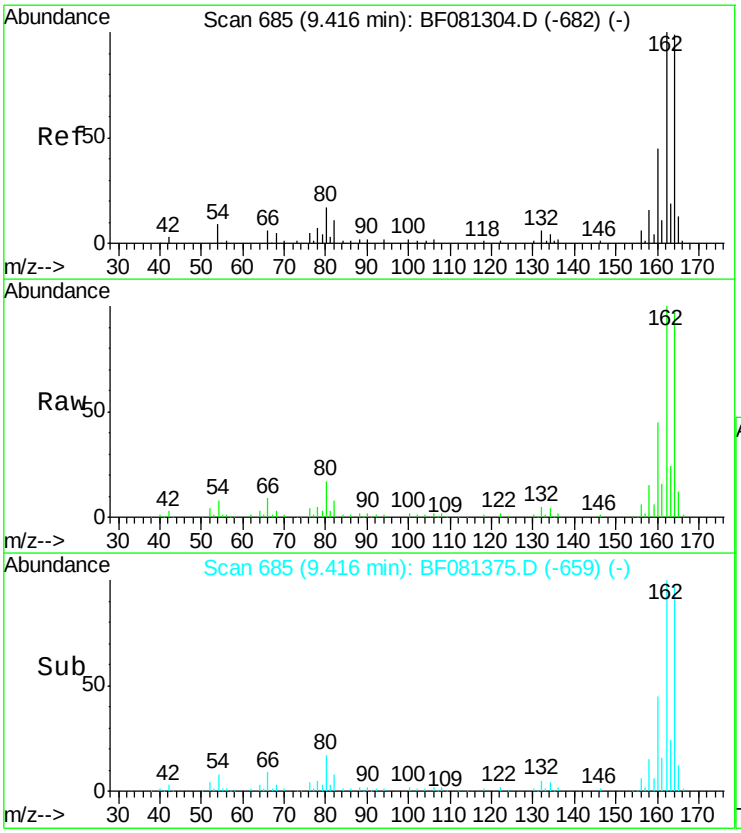
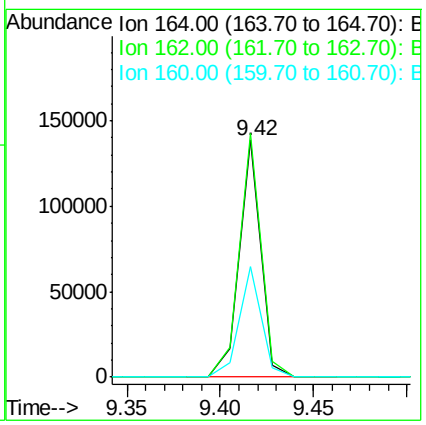
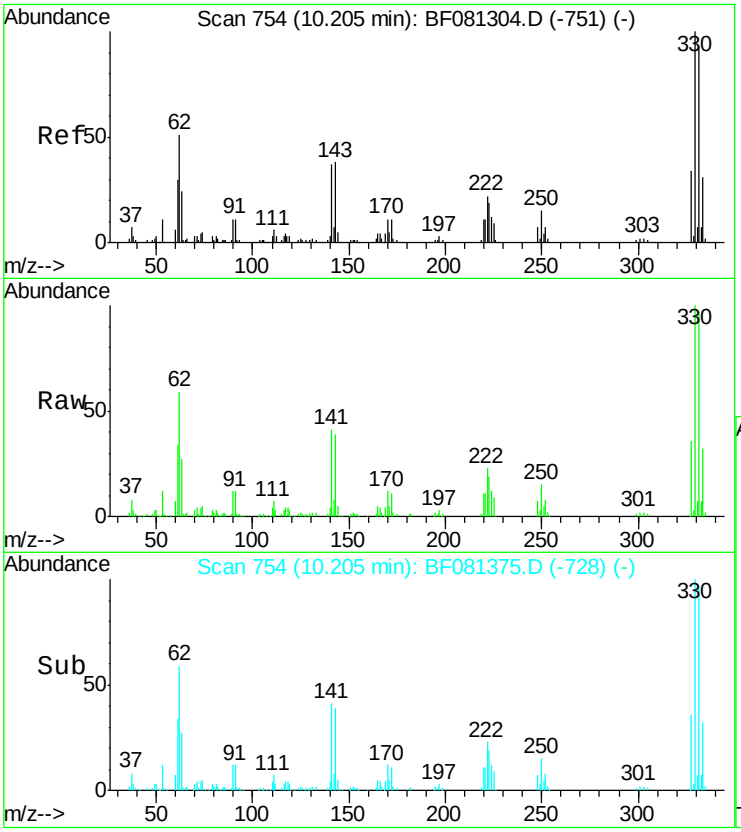


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:164 Resp: 111294

Ion	Ratio	Lower	Upper
164	100		
162	102.9	75.2	112.8
160	46.6	31.5	47.3

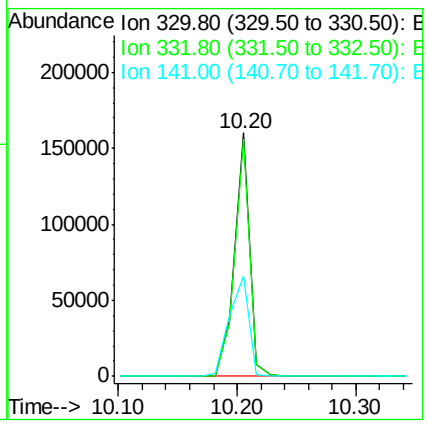




#41
2,4,6-Tribromophenol
Concen: 143.13 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:330 Resp: 141832

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	52.6	29.7	44.5#



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
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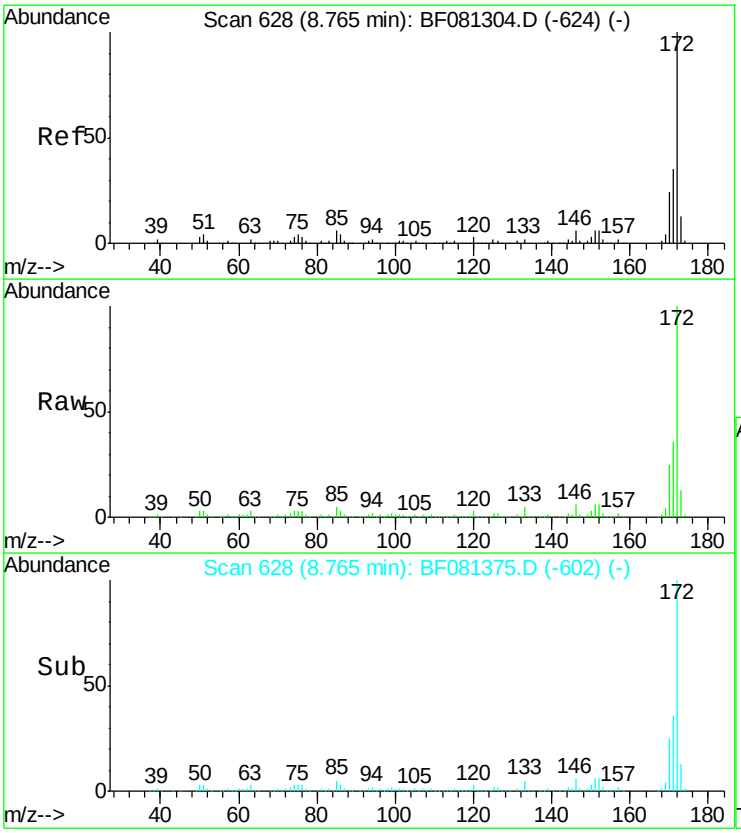
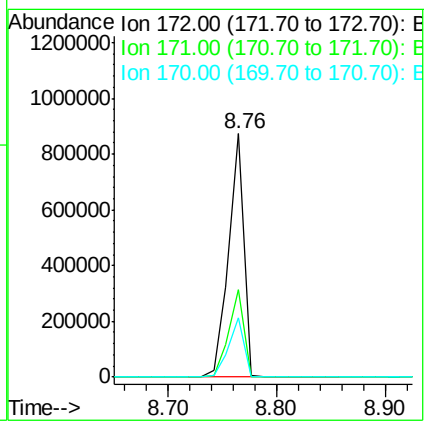
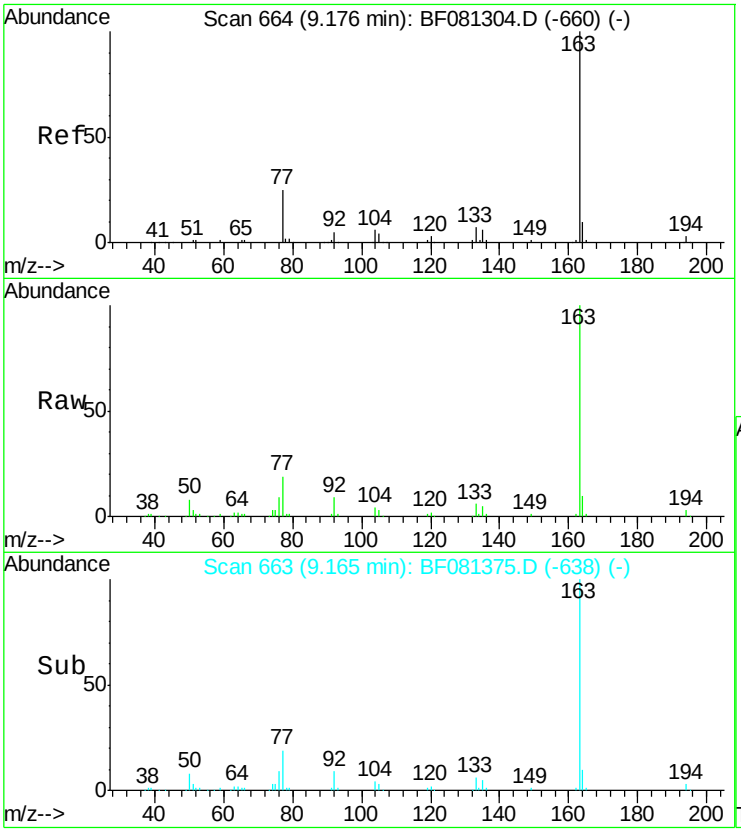


#44
2-Fluorobiphenyl
Concen: 97.35 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:172 Resp: 845454

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.6	17.4	26.2

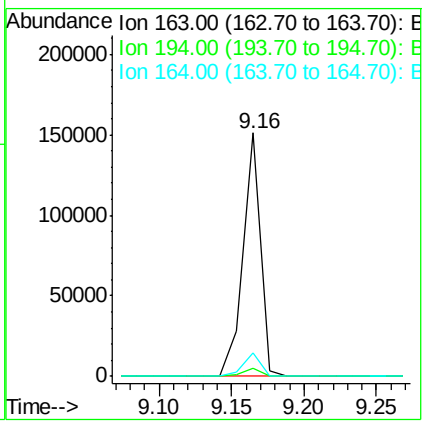




#49
Dimethylphthalate
Concen: 14.59 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:163 Resp: 126145

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	9.5	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
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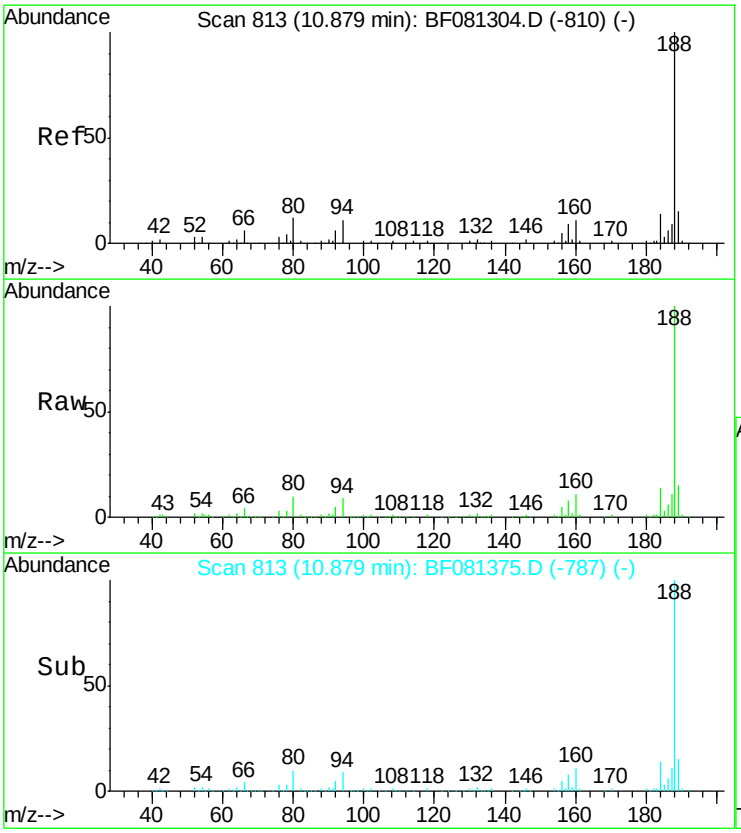
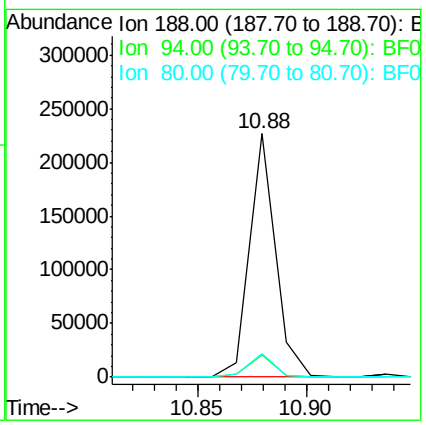
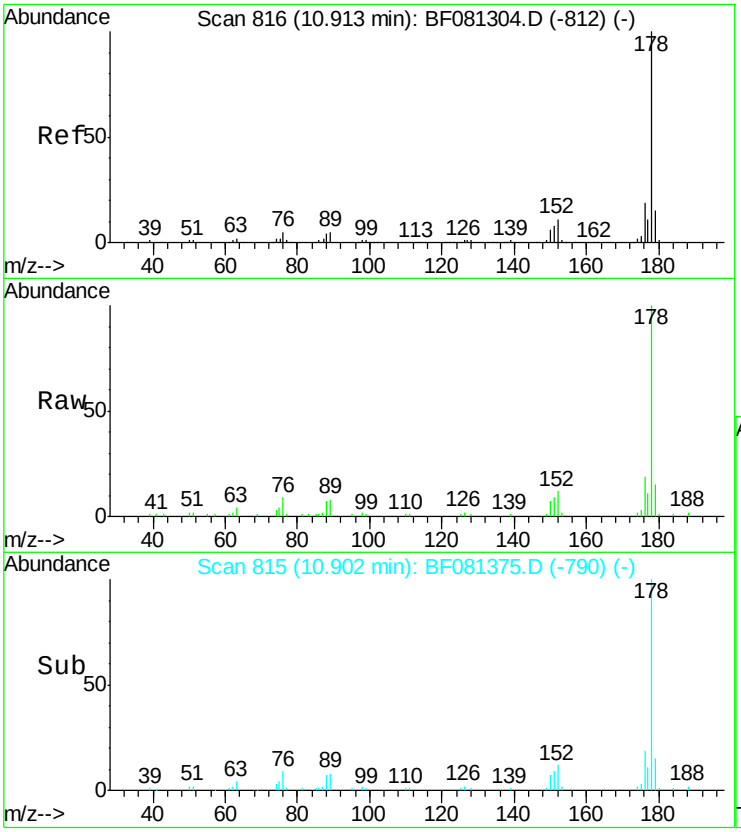


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:188 Resp: 188685

Ion	Ratio	Lower	Upper
188	100		
94	9.0	11.1	16.7#
80	9.6	11.0	16.4#

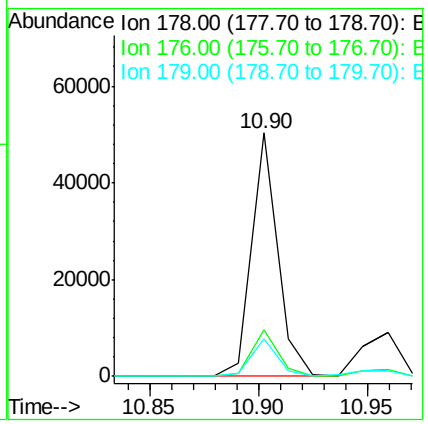




#70
Phenanthrene
Concen: 3.99 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:178 Resp: 41813

Ion	Ratio	Lower	Upper
178	100		
176	19.1	13.8	20.8
179	15.5	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
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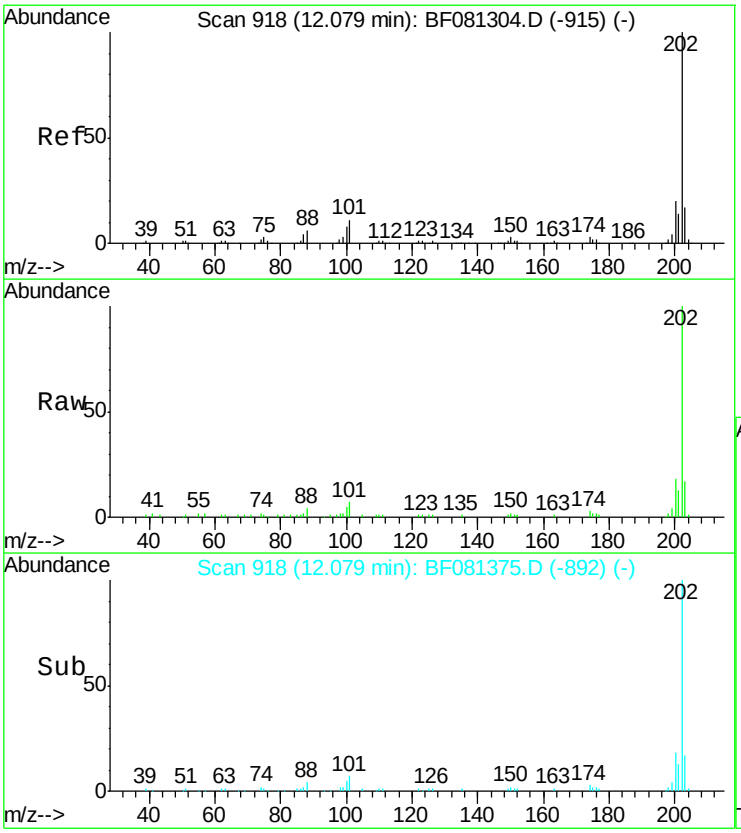
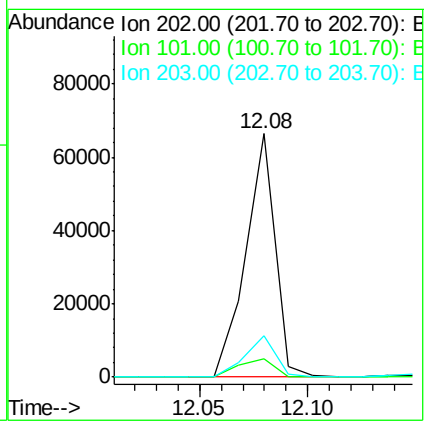
9/3/2015 1:45:59 PM

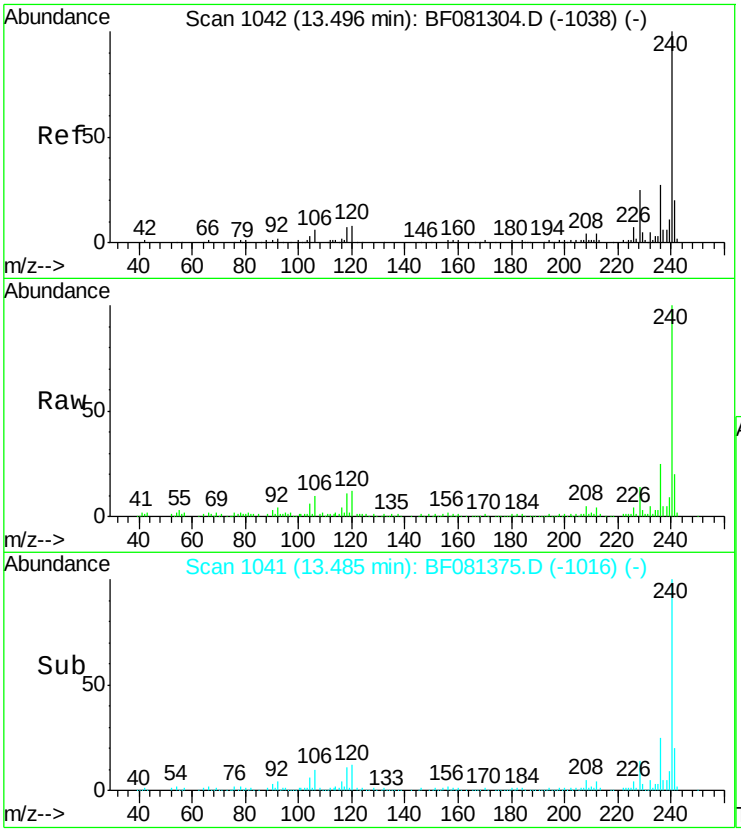


#74
Fluoranthene
Concen: 5.47 ng
RT: 12.08 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:202 Resp: 62066

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	38.3
203	17.1	0.0	37.3

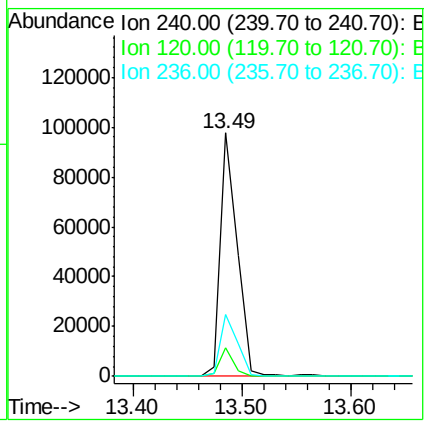




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:240 Resp: 106160

Ion	Ratio	Lower	Upper
240	100		
120	11.9	16.2	24.2#
236	25.4	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
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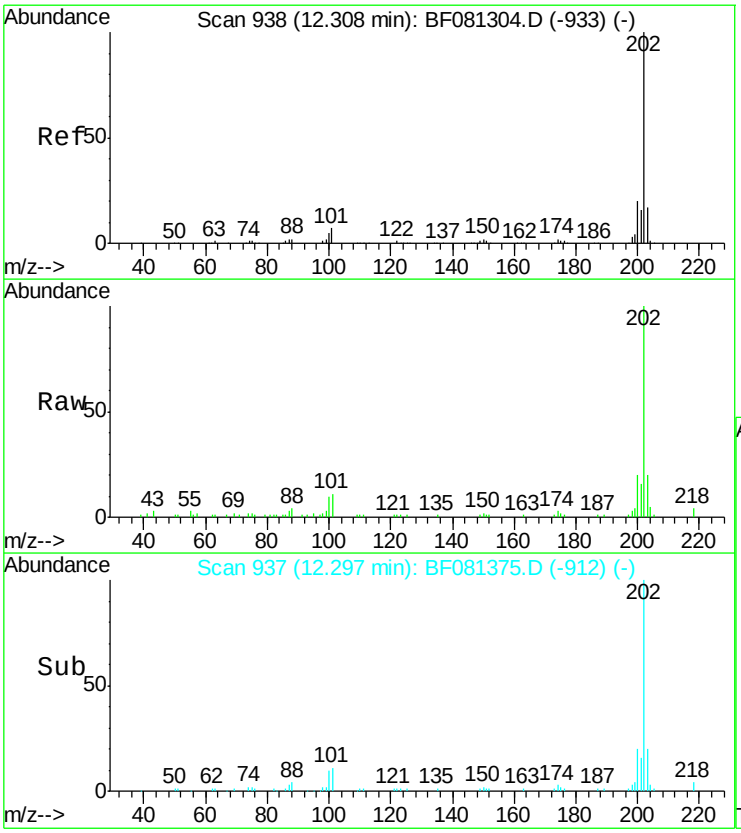
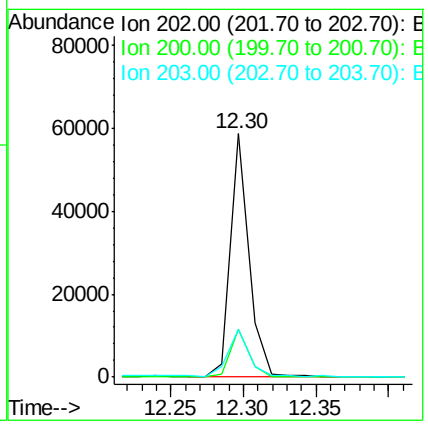
9/3/2015 1:45:59 PM

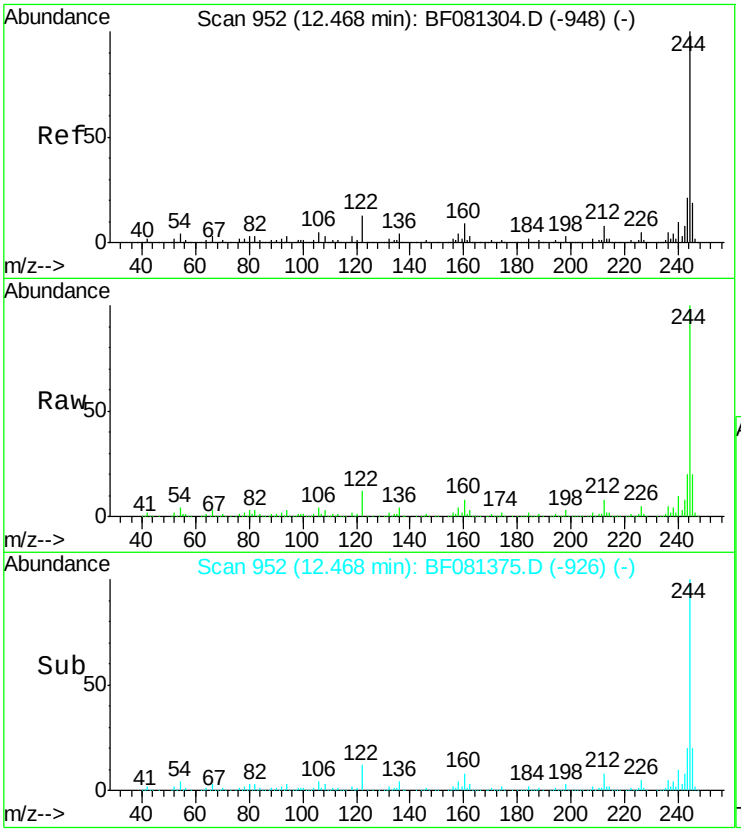


#77
Pyrene
Concen: 6.66 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:202 Resp: 52355

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.0	22.4
203	19.6	14.1	21.1





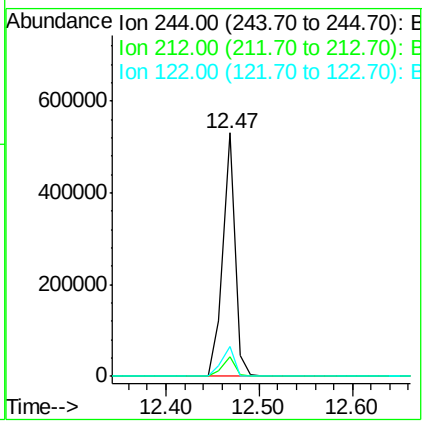
#78
Terphenyl-d14
Concen: 106.15 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

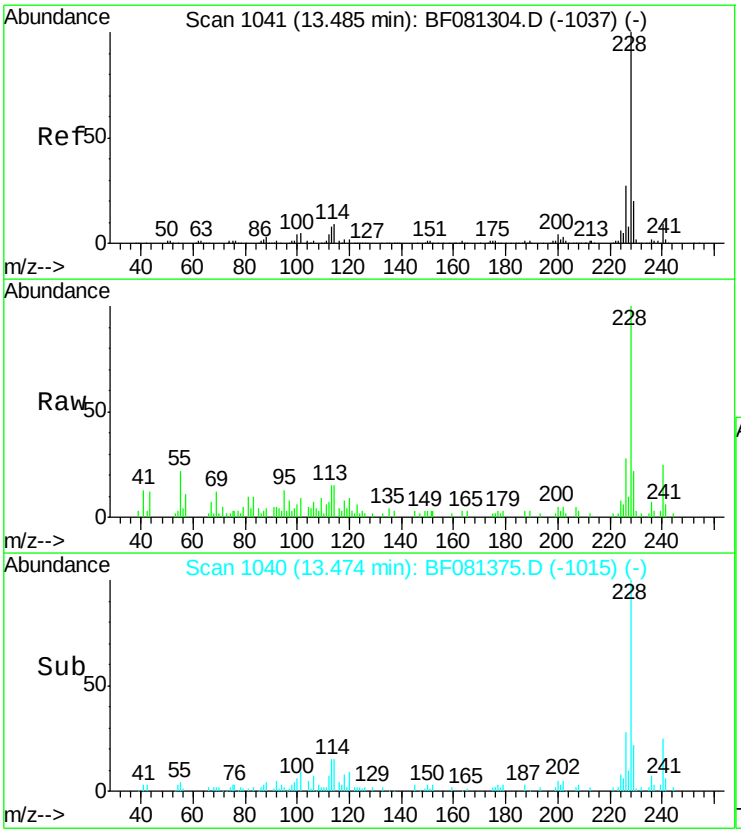
Tgt Ion:244 Resp: 484103

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	12.2	17.4	26.2#

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:45:59 PM

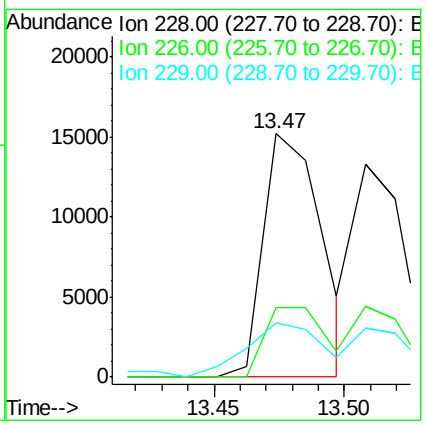


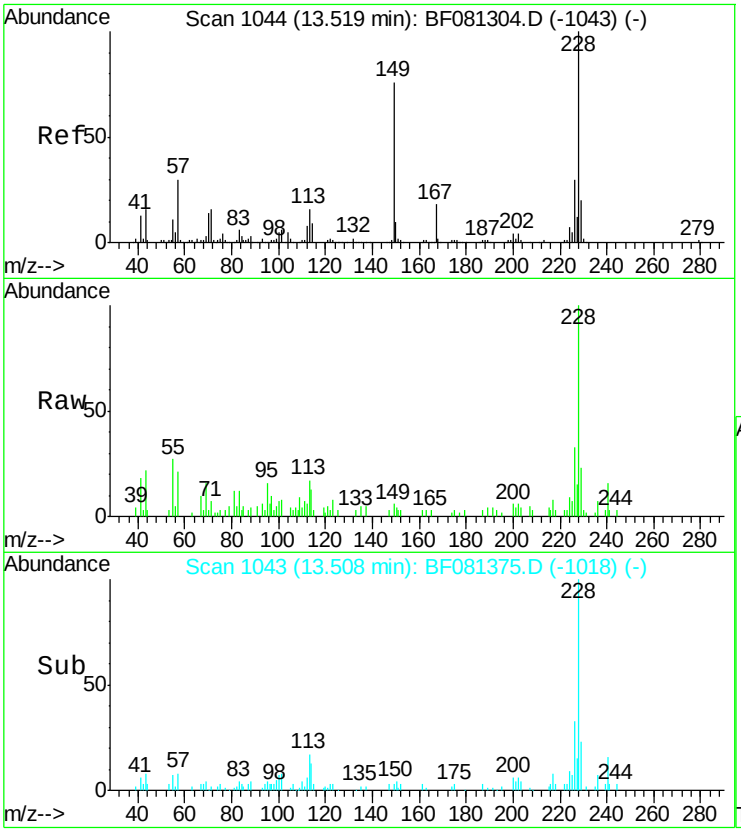


#80
Benzo(a)anthracene
Concen: 3.50 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:228 Resp: 23688

Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.0	30.0
229	22.1	15.4	23.2

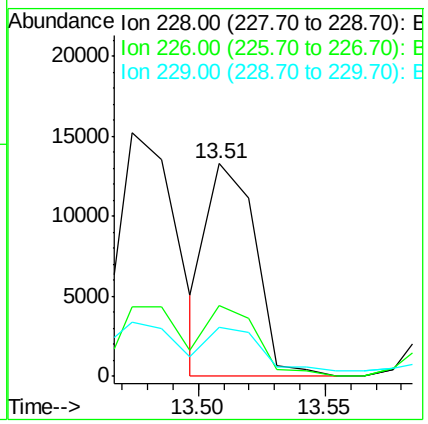




#82
Chrysene
Concen: 2.90 ng m
RT: 13.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:228 Resp: 17567

Ion	Ratio	Lower	Upper
228	100		
226	33.0	21.0	31.4#
229	23.0	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

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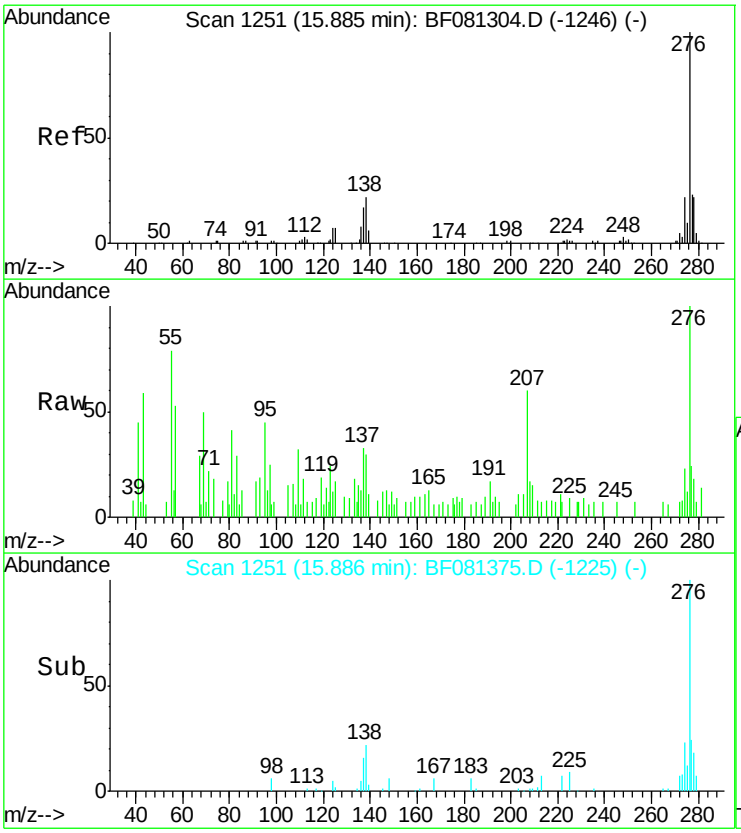
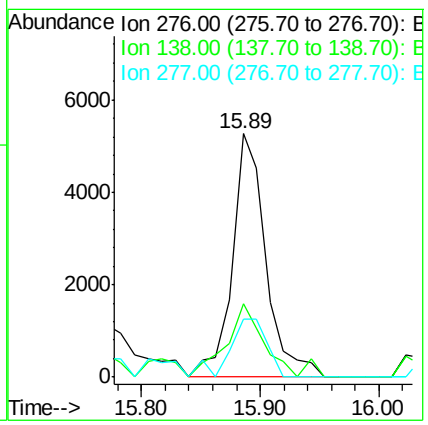
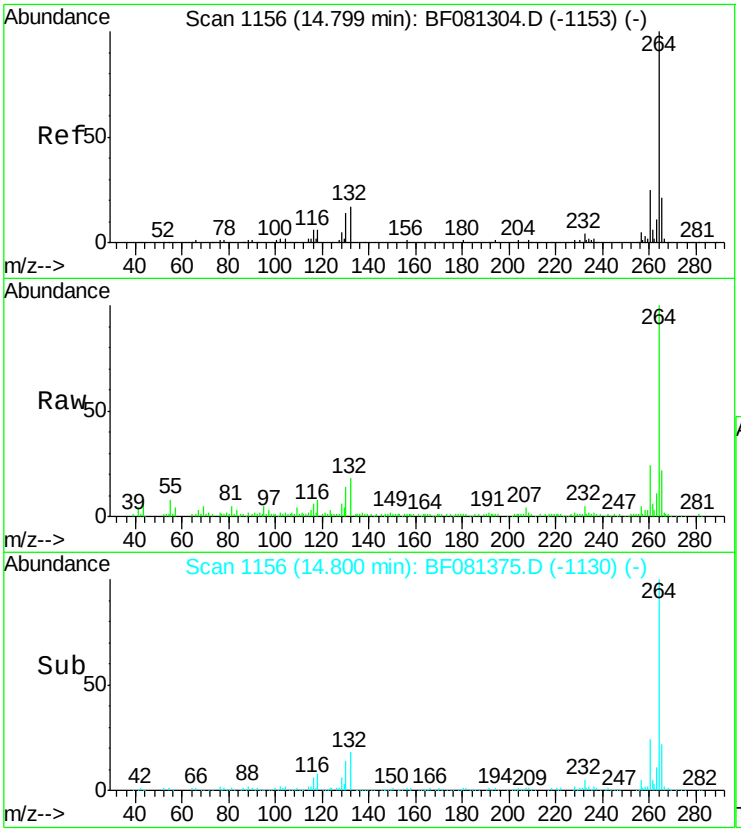


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.33 ng
RT: 15.89 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:276 Resp: 10363

Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.7	38.5
277	26.6	15.6	23.4#

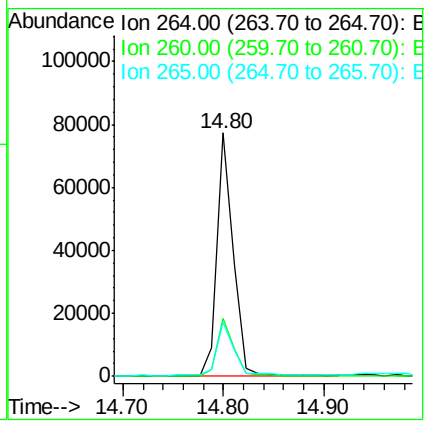




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:264 Resp: 87873

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	22.2	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

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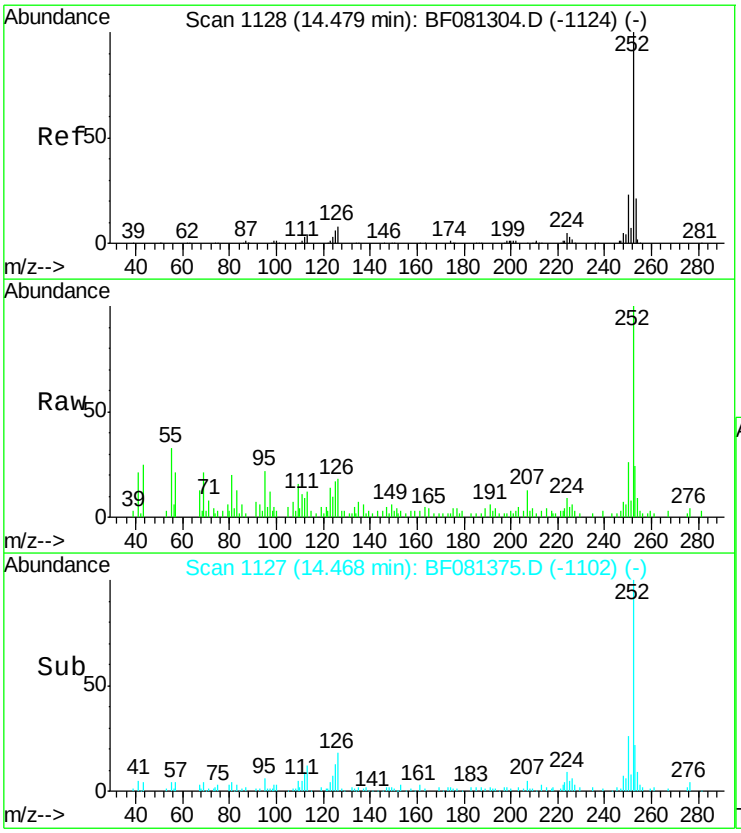
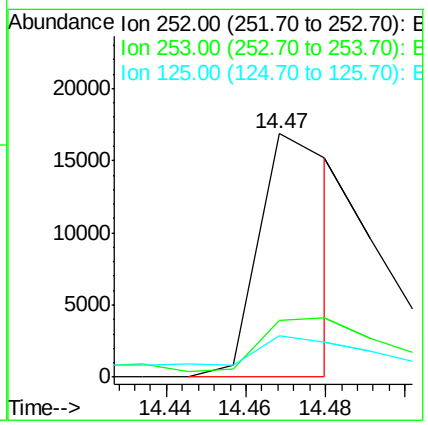
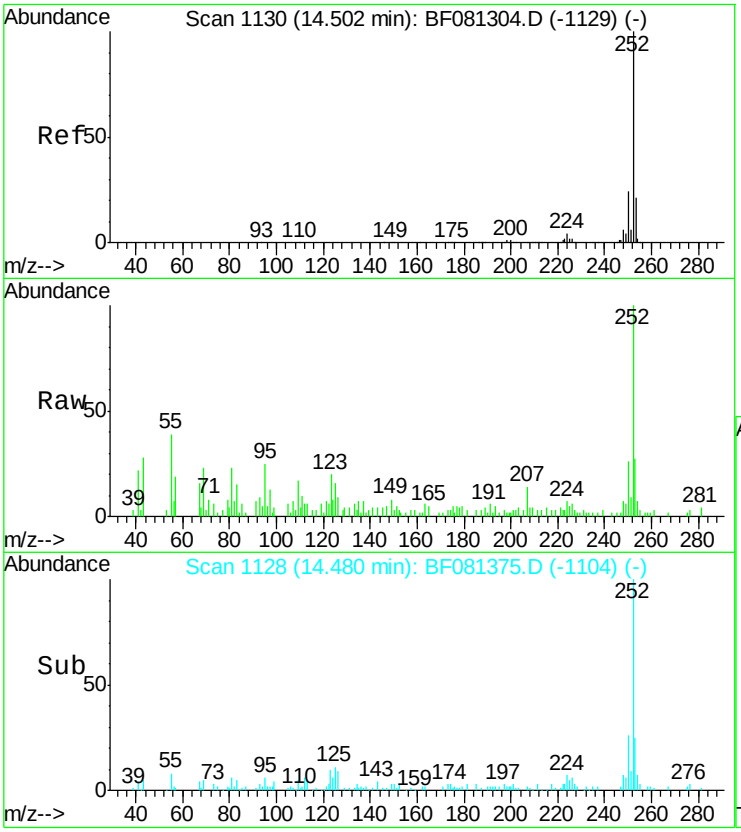


#87
Benzo(b)fluoranthene
Concen: 3.60 ng m
RT: 14.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:252 Resp: 22615

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	16.9	17.1	25.7#





#88
Benzo(k)fluoranthene
Concen: 2.00 ng m
RT: 14.48 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:252 Resp: 10428

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.0	25.4#
125	16.1	16.0	24.0

Instrument :
BNA_F
ClientSampleId :
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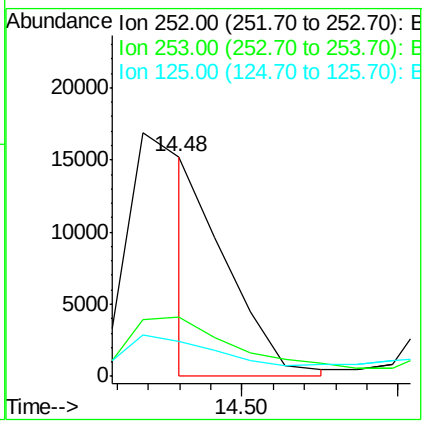
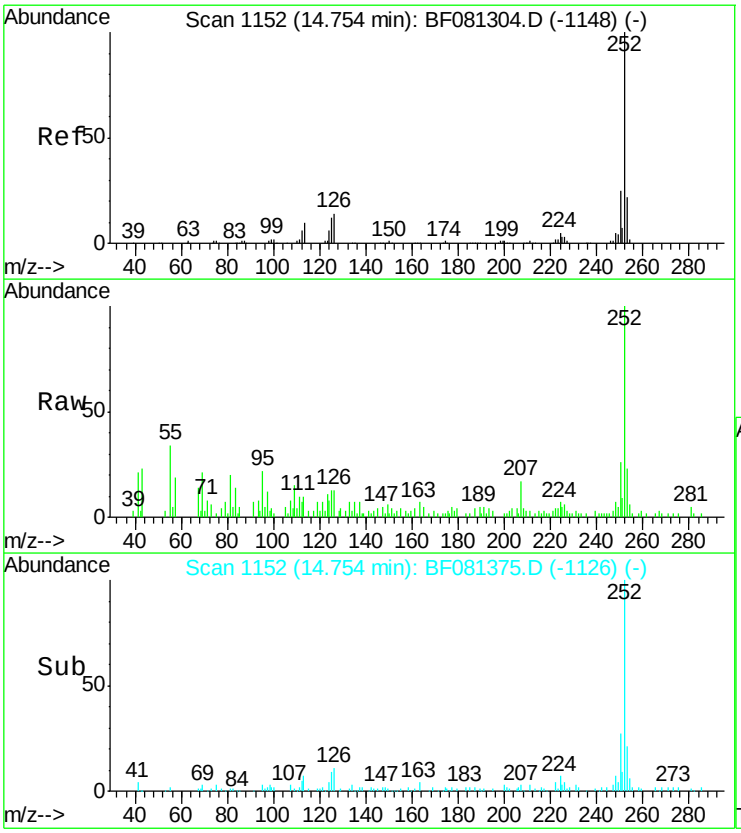
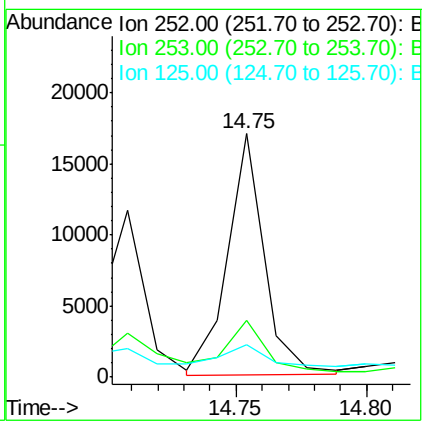


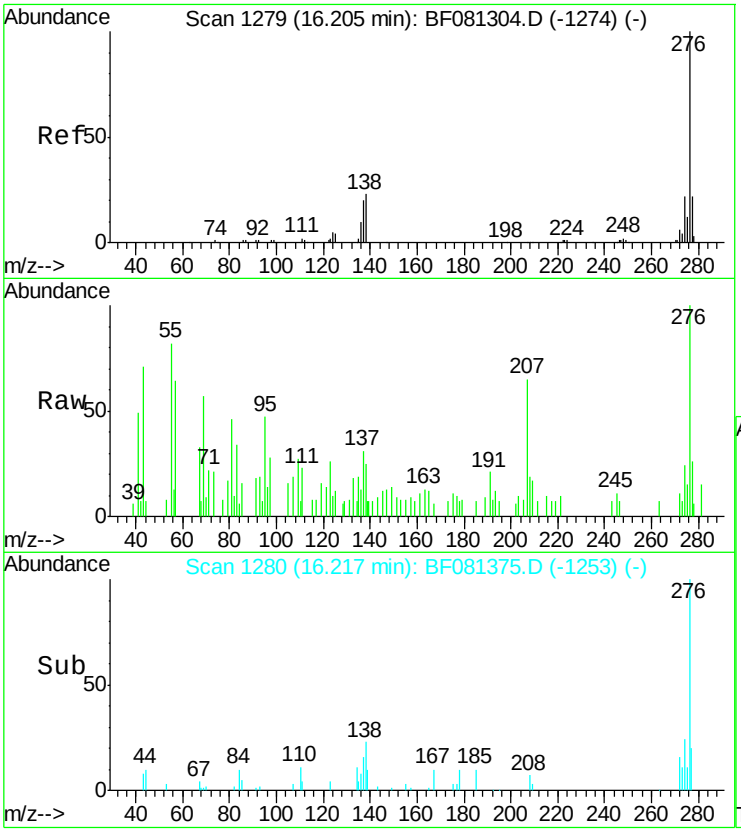


#89
Benzo(a)pyrene
Concen: 3.15 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:252 Resp: 16731

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	13.3	18.0	27.0#

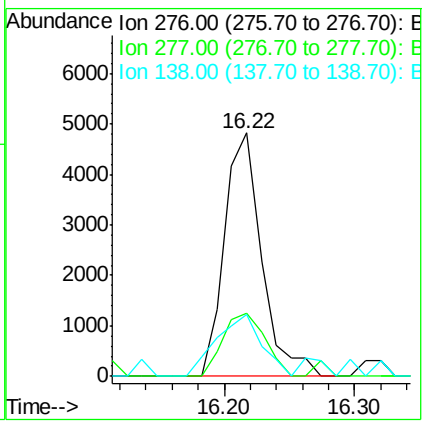




#91
Benzo(g,h,i)perylene
Concen: 2.44 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF081375.D
Acq: 3 Sep 2015 4:59

Tgt Ion:276 Resp: 9548

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.8	26.6
138	25.2	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
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