Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089172.D
Acq On : 21 Jul 2016 11:14
Operator : UM/SJ
Sample : H4112-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-01-0.2-2.0

Manual Integrations APPROVED
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7/22/2016 6:22:51 PM

Quant Time: Jul 21 18:49:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	52214	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	221690	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	95707	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	167008	20.00	ng		0.00
75) Chrysene-d12	13.73	240	107464	20.00	ng		0.00
86) Perylene-d12	15.07	264	98823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	302982	88.25	ng		0.00
7) Phenol-d6	6.26	99	408191	92.20	ng		-0.01
23) Nitrobenzene-d5	7.16	82	246347	59.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	57152	66.33	ng		-0.01
44) 2-Fluorobiphenyl	8.96	172	422522	60.83	ng		-0.01
78) Terphenyl-d14	12.69	244	306971	61.96	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.91	128	34729	2.90	ng		99
37) 2-Methylnaphthalene	8.59	142	34405	4.51	ng		96
49) Dimethylphthalate	9.36	163	93688	12.76	ng		98
70) Phenanthrene	11.13	178	156879	17.12	ng		99
71) Anthracene	11.18	178	51393	5.40	ng		99
74) Fluoranthene	12.31	202	235033	24.41	ng		94
77) Pyrene	12.53	202	230303	25.95	ng		96
80) Benzo(a)anthracene	13.71	228	105588m	15.43	ng		
82) Chrysene	13.75	228	92251m	14.11	ng		
85) Indeno(1,2,3-cd)pyrene	16.30	276	36869m	7.76	ng		
87) Benzo(b)fluoranthene	14.71	252	90528m	12.65	ng		
88) Benzo(k)fluoranthene	14.72	252	33491m	6.54	ng		
89) Benzo(a)pyrene	15.02	252	72560m	13.06	ng		
90) Dibenzo(a,h)anthracene	16.30	278	9725m	2.22	ng		
91) Benzo(g,h,i)perylene	16.65	276	38067	8.61	ng	#	93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089172.D
Acq On : 21 Jul 2016 11:14
Operator : UM/SJ
Sample : H4112-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 21 18:49:15 2016
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Instrument :
BNA_F
ClientSampleId :
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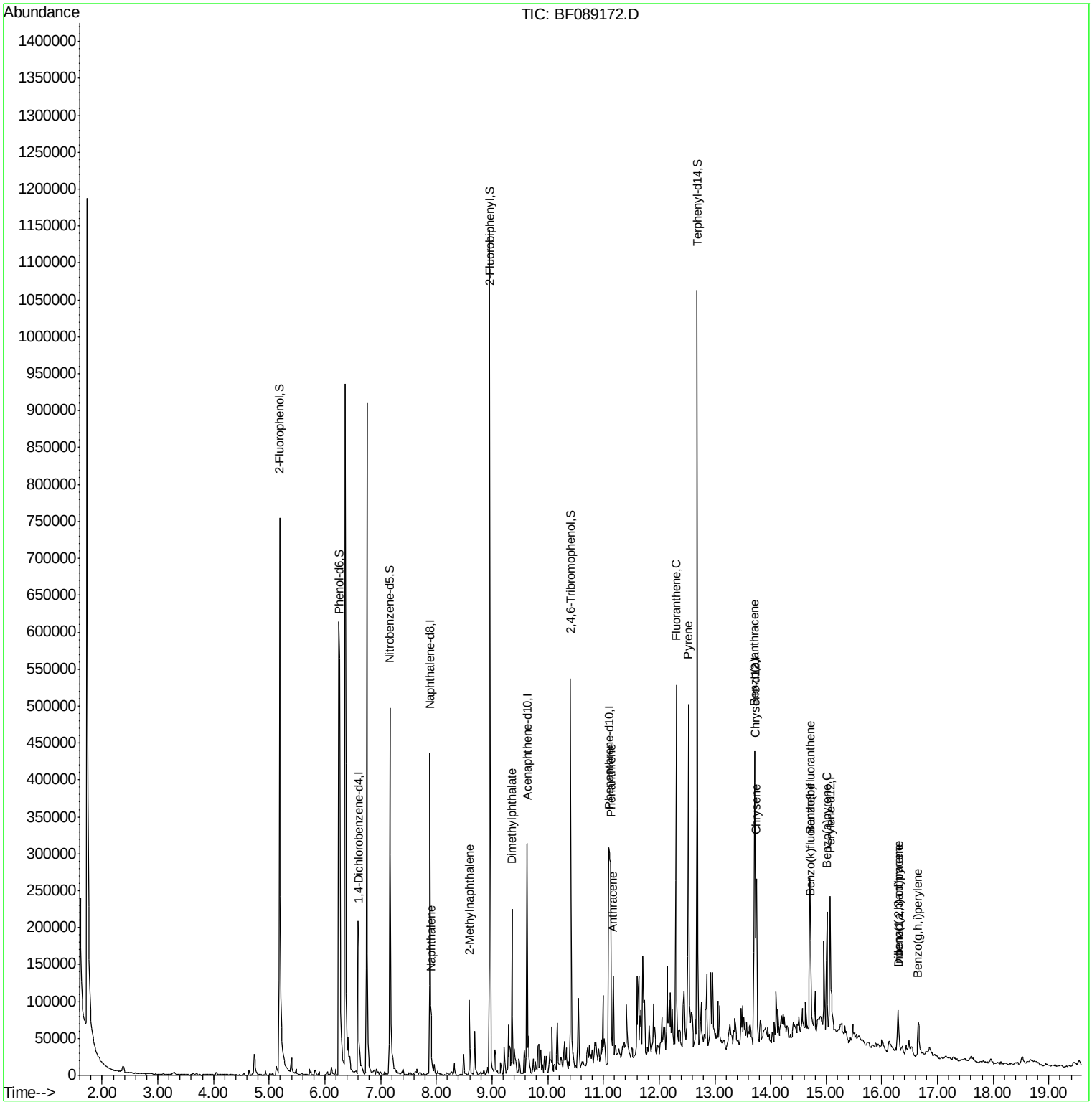
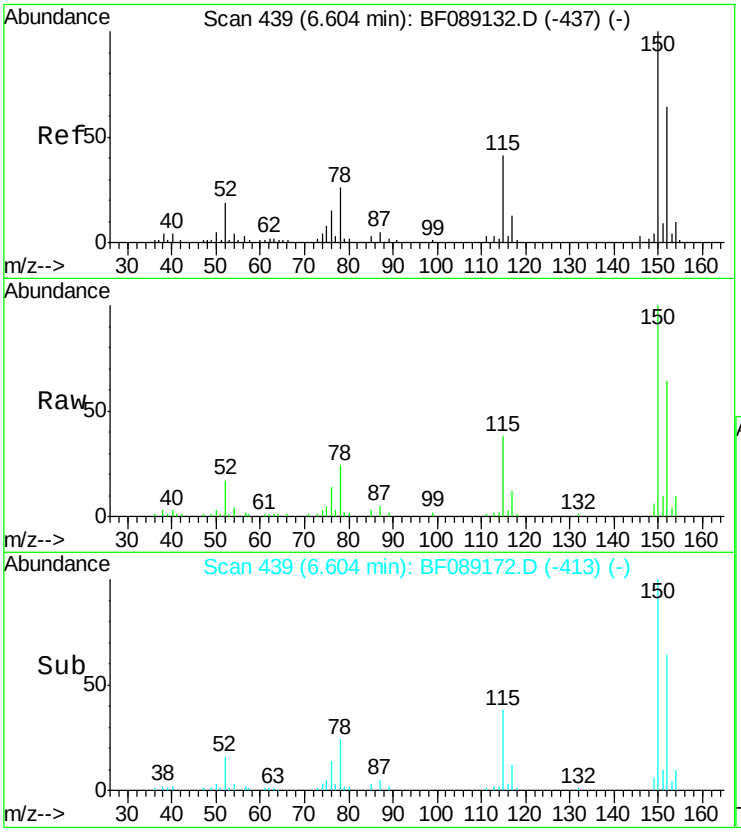
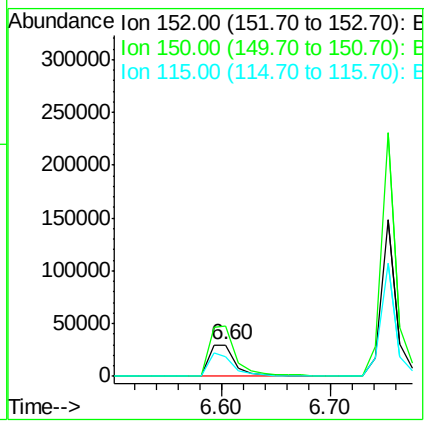




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:152 Resp: 52214

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.1	187.7
115	59.9	51.1	76.7



Instrument :
BNA_F
ClientSampleId :
KSB-01-0.2-2.0

Manual Integrations
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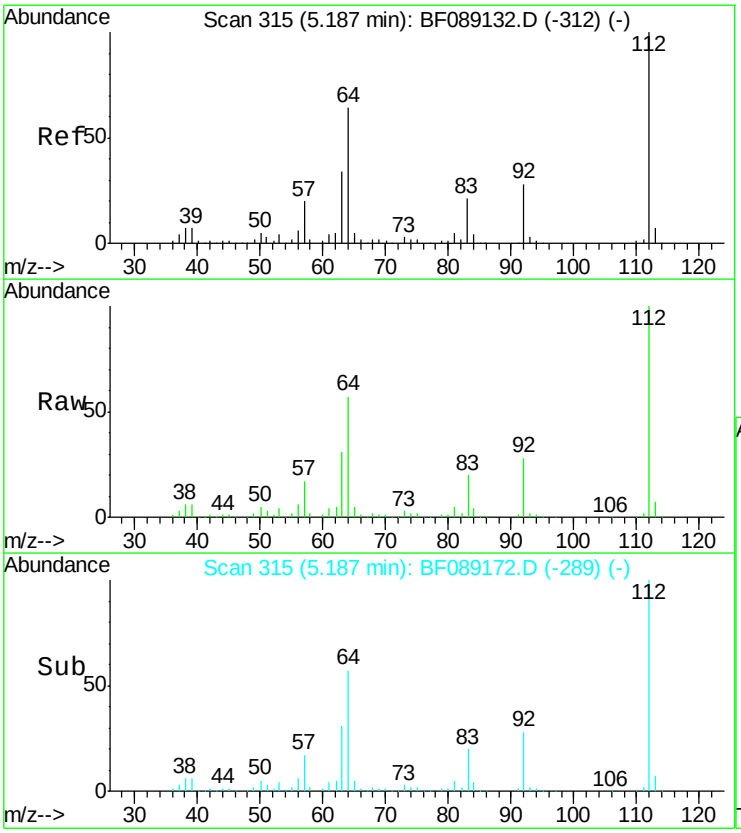
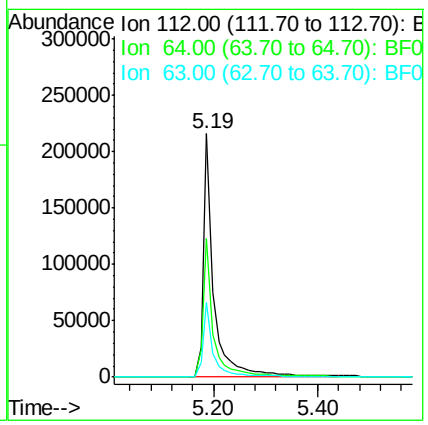
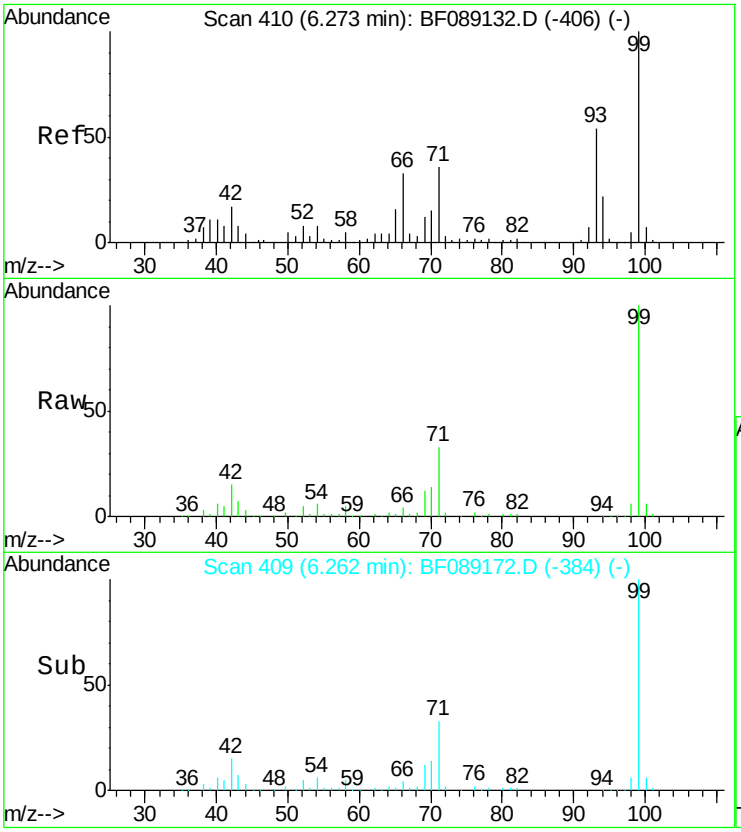


#5
2-Fluorophenol
Concen: 88.25 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:112 Resp: 302982

Ion	Ratio	Lower	Upper
112	100		
64	56.9	51.0	76.4
63	30.8	27.3	40.9

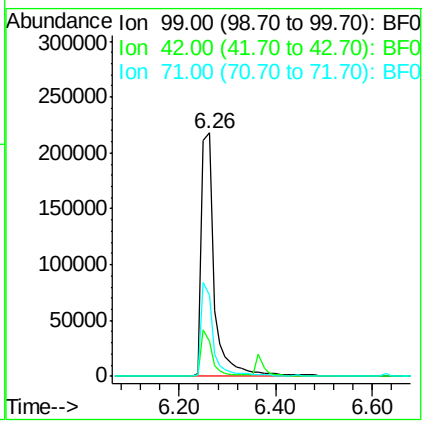




#7
Phenol-d6
Concen: 92.20 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion: 99 Resp: 408191

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.5	20.3
71	33.4	28.9	43.3



Instrument :
BNA_F
ClientSampleId :
KSB-01-0.2-2.0

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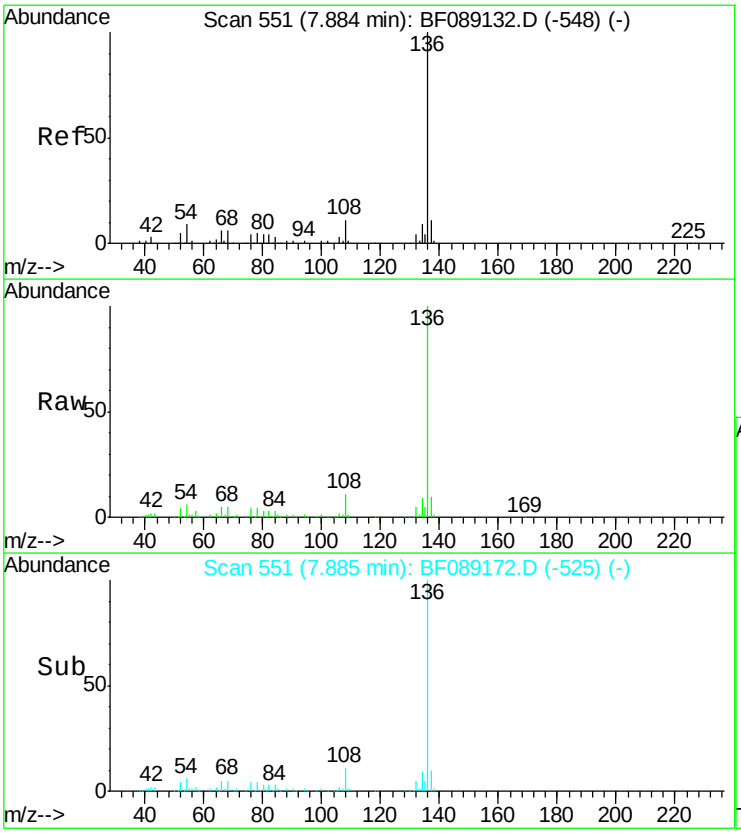
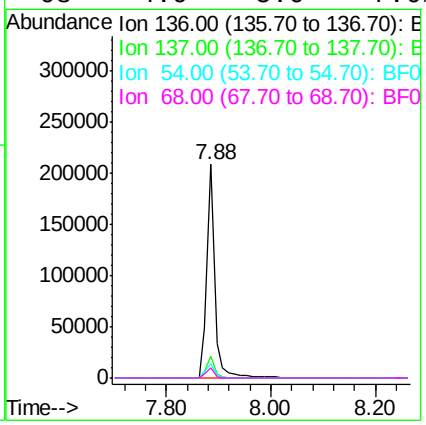
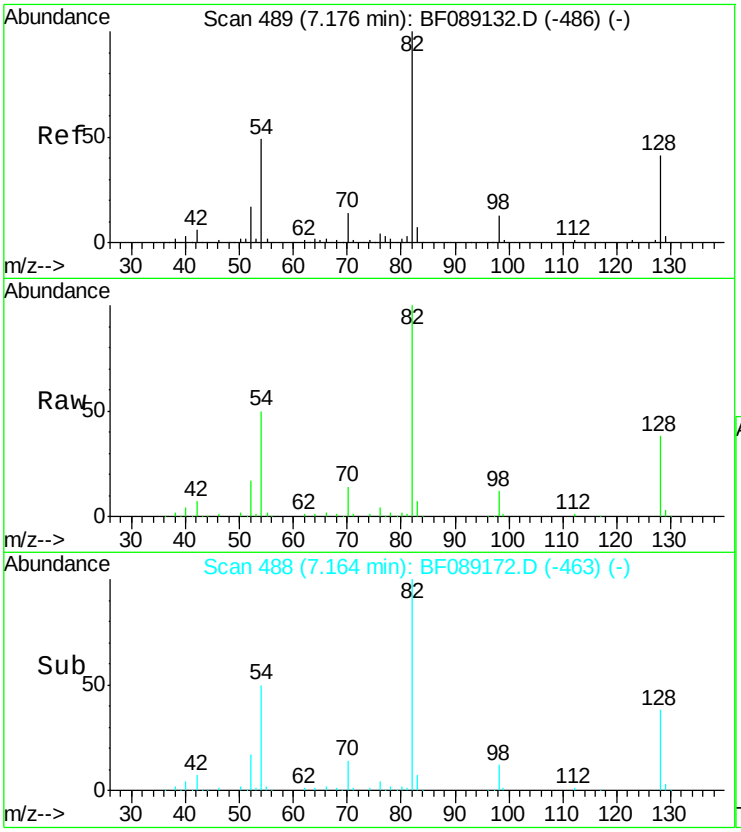


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:136 Resp: 221690

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.3	7.0	10.4#
68	4.9	5.0	7.6#

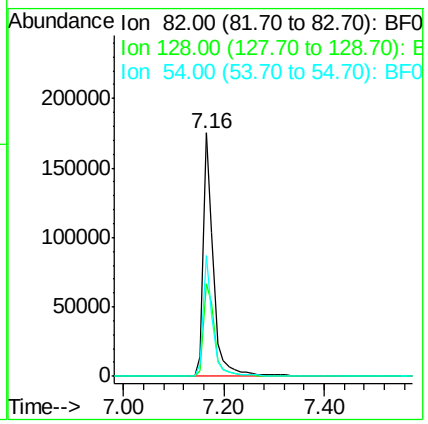




#23
Nitrobenzene-d5
Concen: 59.04 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion: 82 Resp: 246347

Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.0	49.6
54	49.8	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
KSB-01-0.2-2.0

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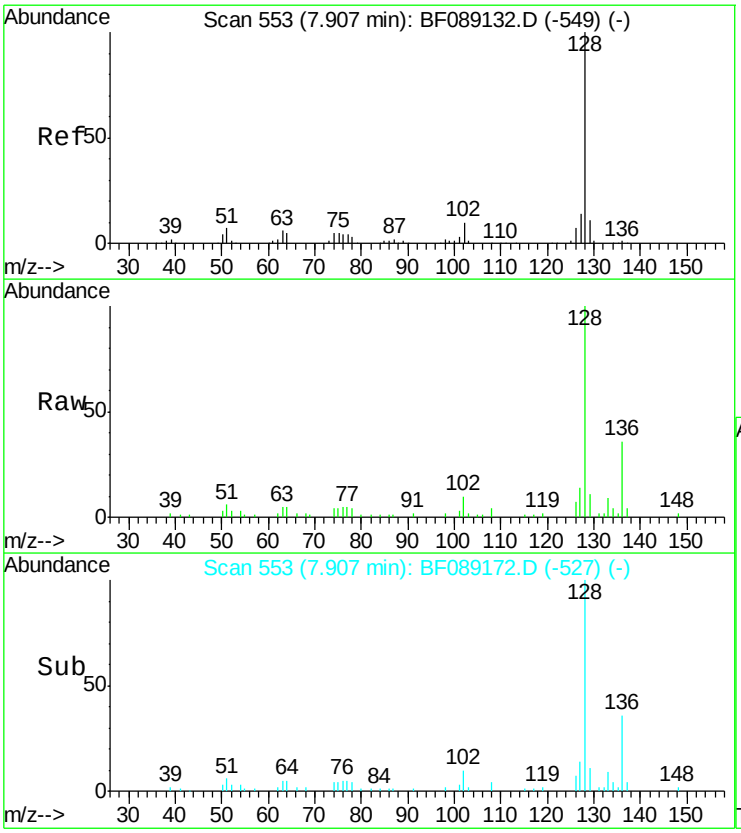
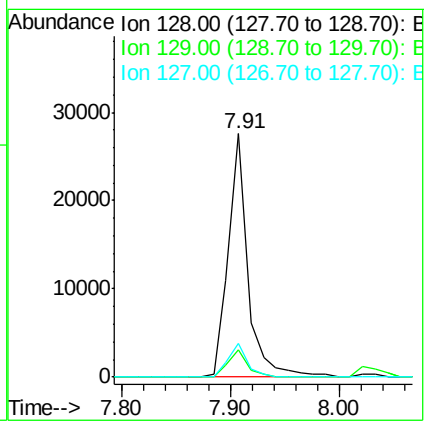
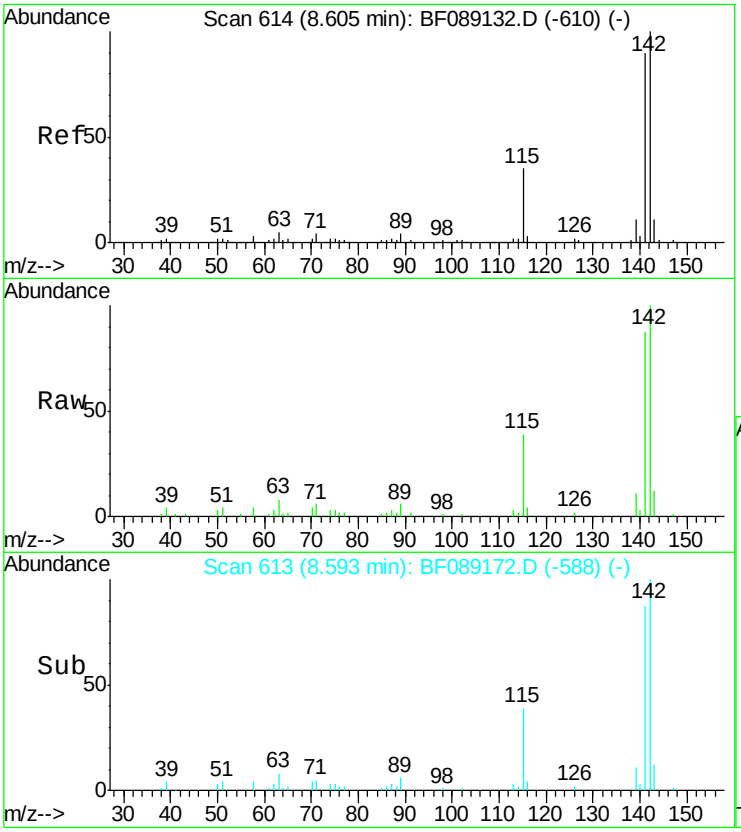


#31
Naphthalene
Concen: 2.90 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:128 Resp: 34729

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	14.0	10.8	16.2

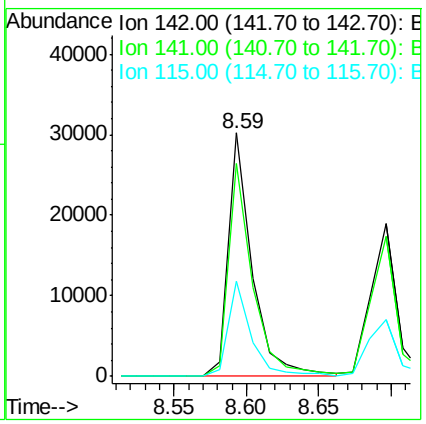




#37
2-Methylnaphthalene
Concen: 4.51 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:142 Resp: 34405

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.6	107.4
115	39.3	27.6	41.4



Instrument :
BNA_F
ClientSampleId :
KSB-01-0.2-2.0

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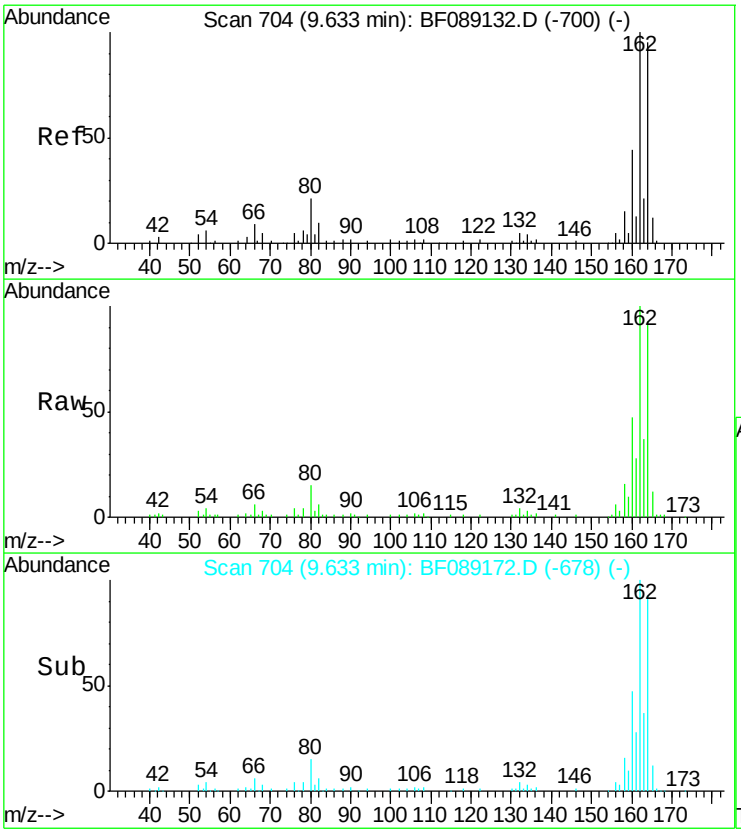
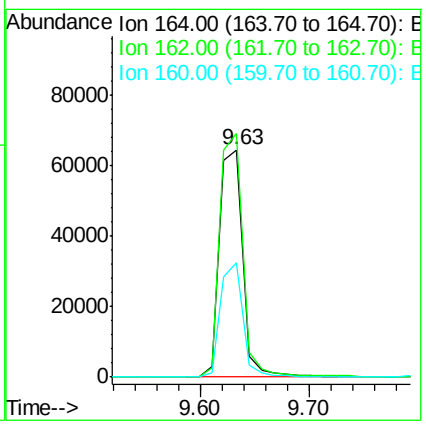
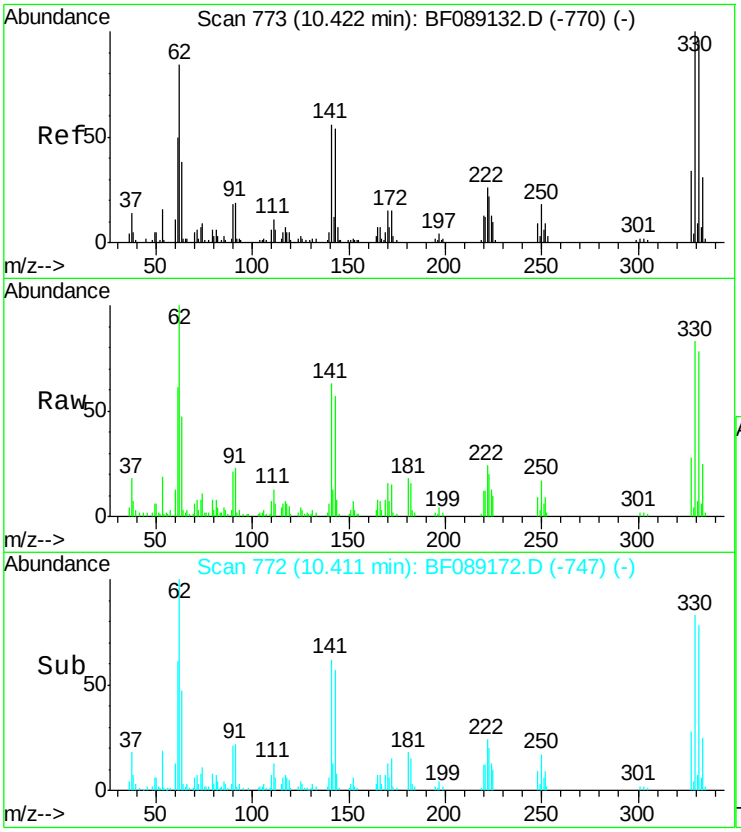


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:164 Resp: 95707

Ion	Ratio	Lower	Upper
164	100		
162	107.2	84.1	126.1
160	50.3	37.1	55.7

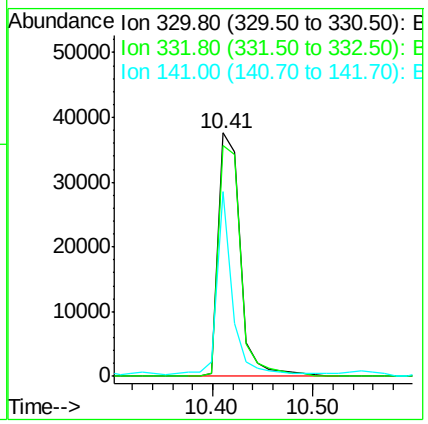




#41
2,4,6-Tribromophenol
Concen: 66.33 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:330 Resp: 57152

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	55.5	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
KSB-01-0.2-2.0

Manual Integrations
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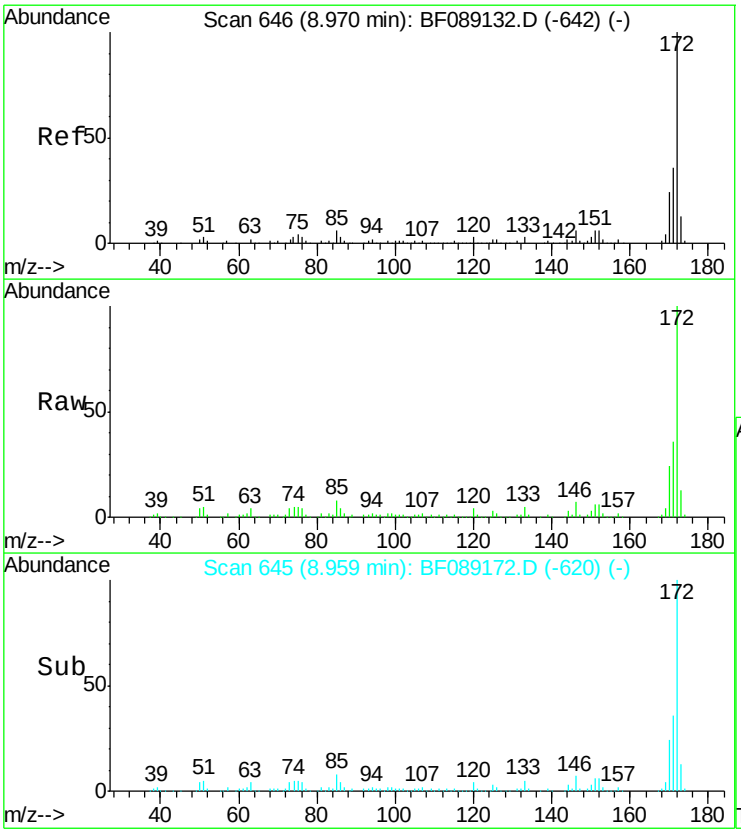
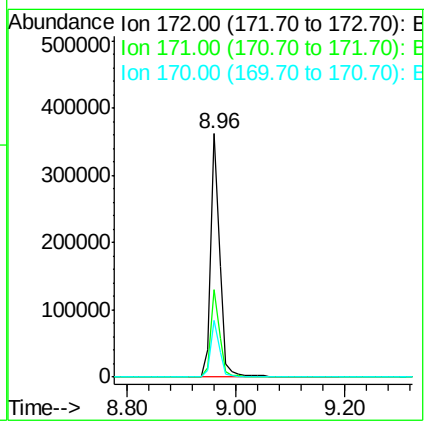
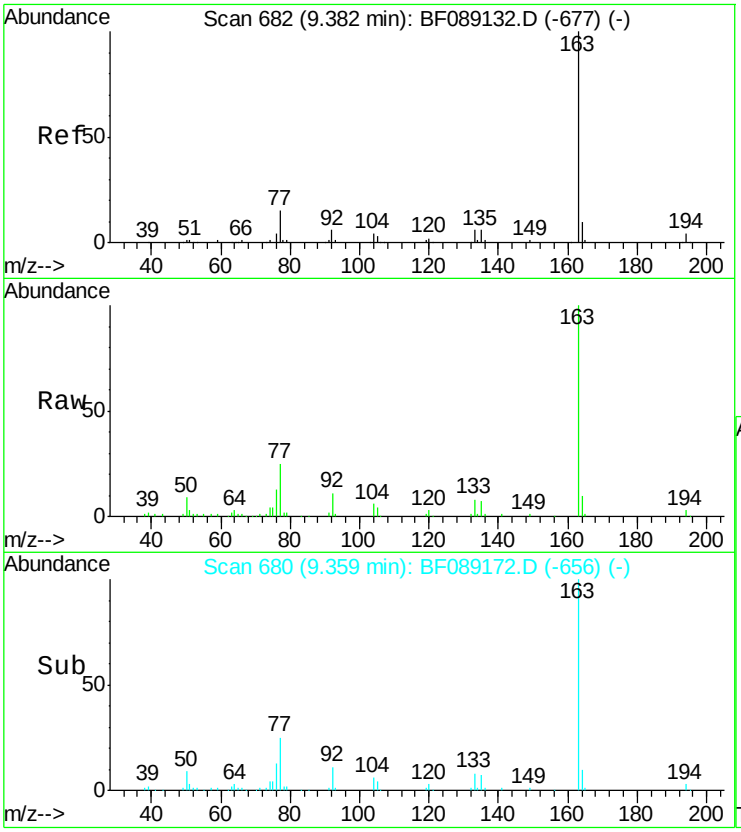


#44
2-Fluorobiphenyl
Concen: 60.83 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:172 Resp: 422522

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.5	19.1	28.7

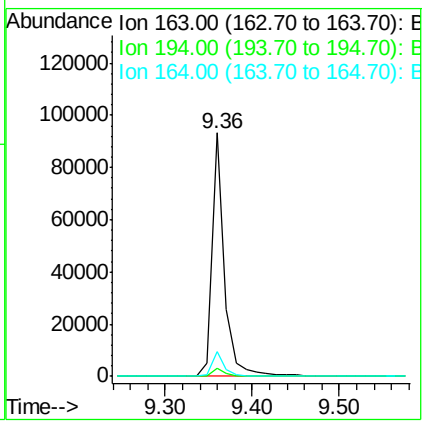




#49
Dimethylphthalate
Concen: 12.76 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:163 Resp: 93688

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.3	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
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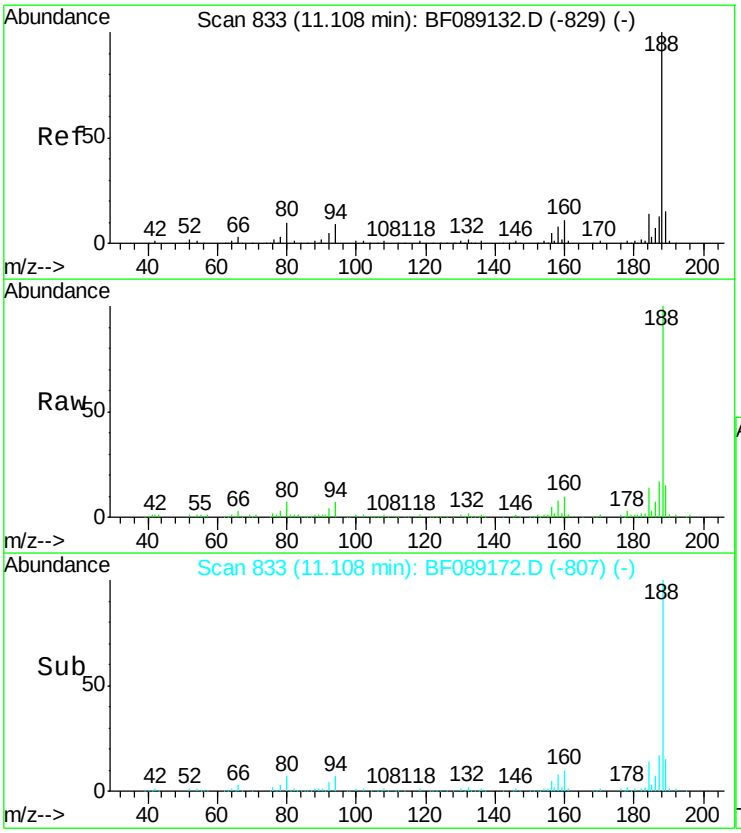
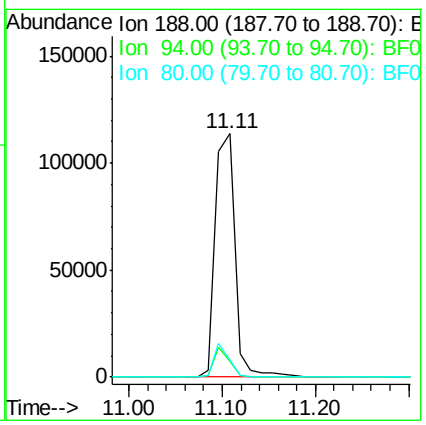
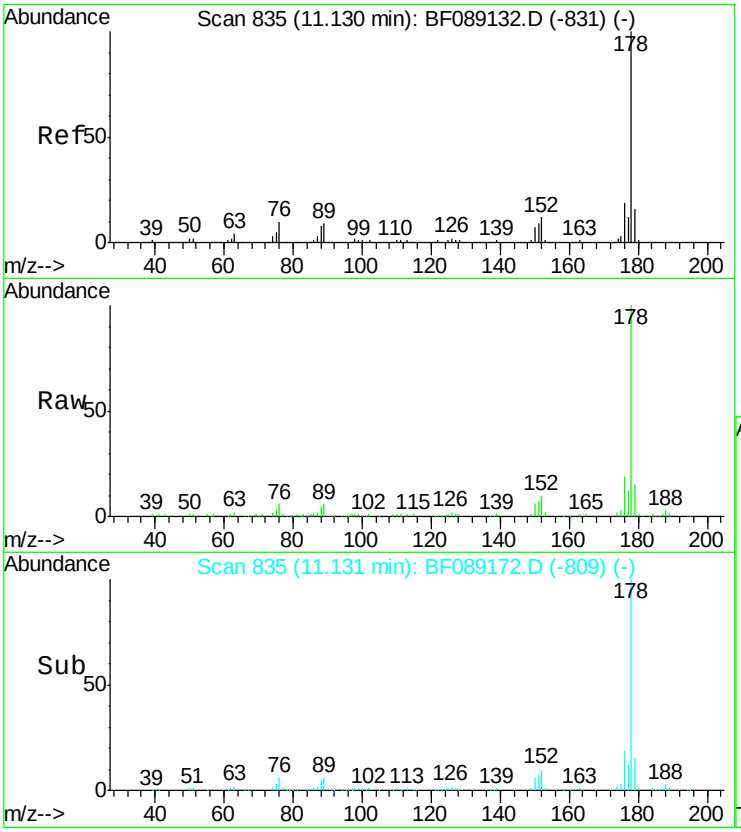


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:188 Resp: 167008

Ion	Ratio	Lower	Upper
188	100		
94	6.7	7.0	10.4#
80	7.1	7.7	11.5#

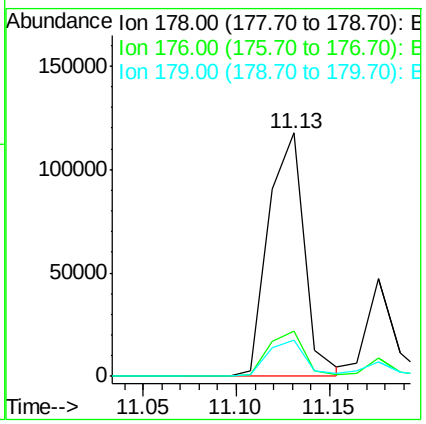




#70
Phenanthrene
Concen: 17.12 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:178 Resp: 156879

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.0	12.4	18.6



Instrument :
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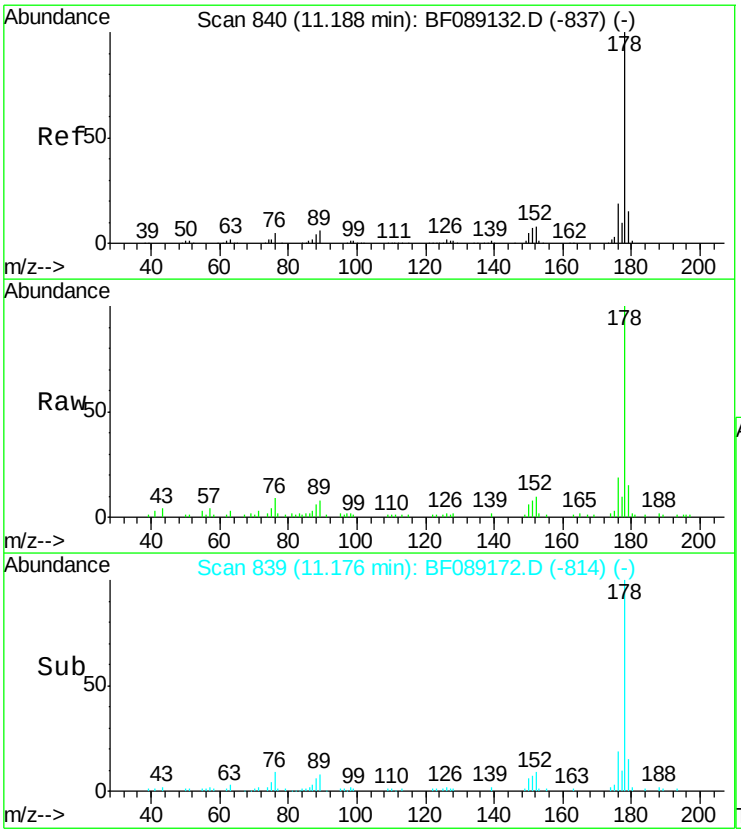
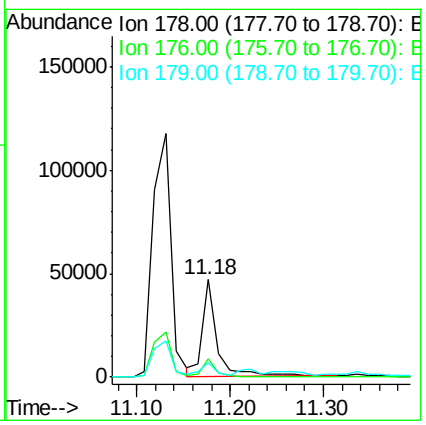
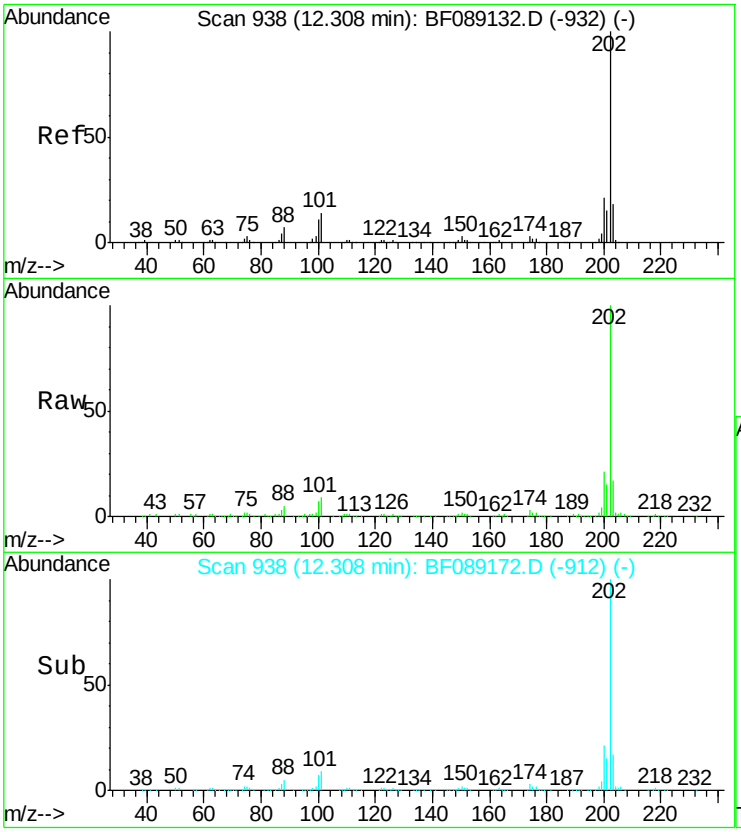


#71
Anthracene
Concen: 5.40 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:178 Resp: 51393

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.0	18.0

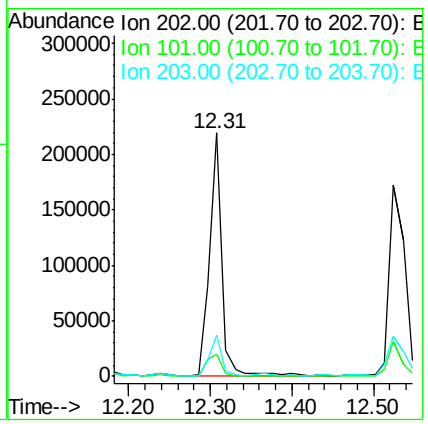




#74
Fluoranthene
Concen: 24.41 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:202 Resp: 235033

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.0
203	17.2	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
KSB-01-0.2-2.0

Manual Integrations
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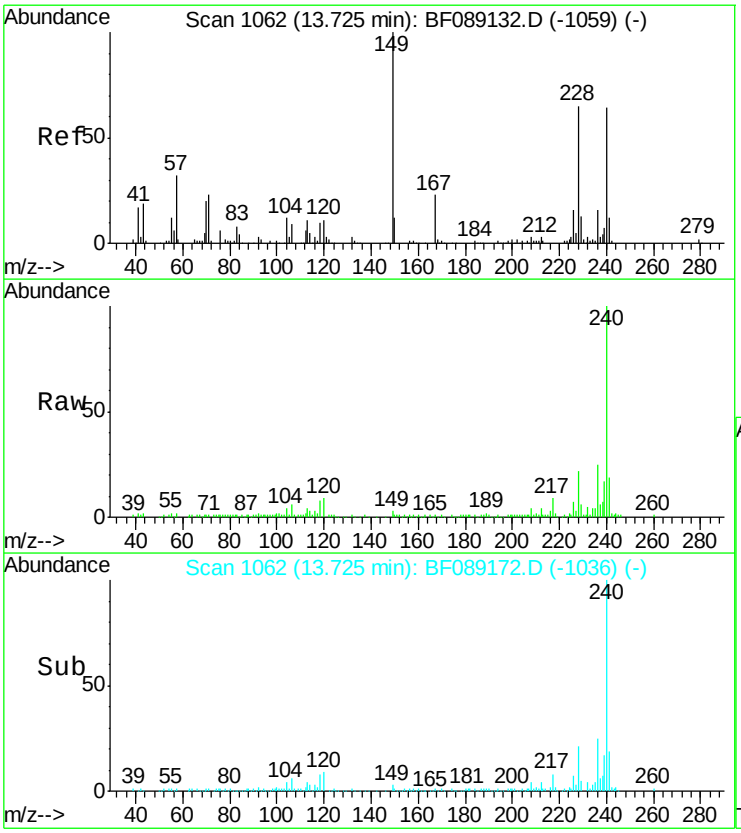
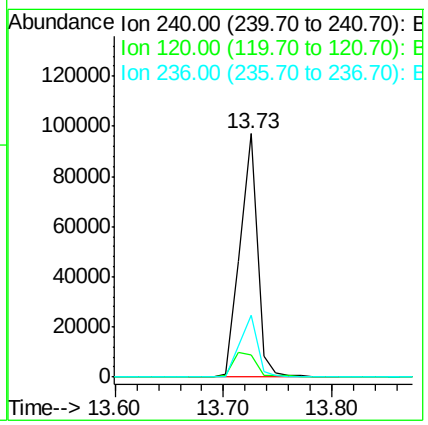
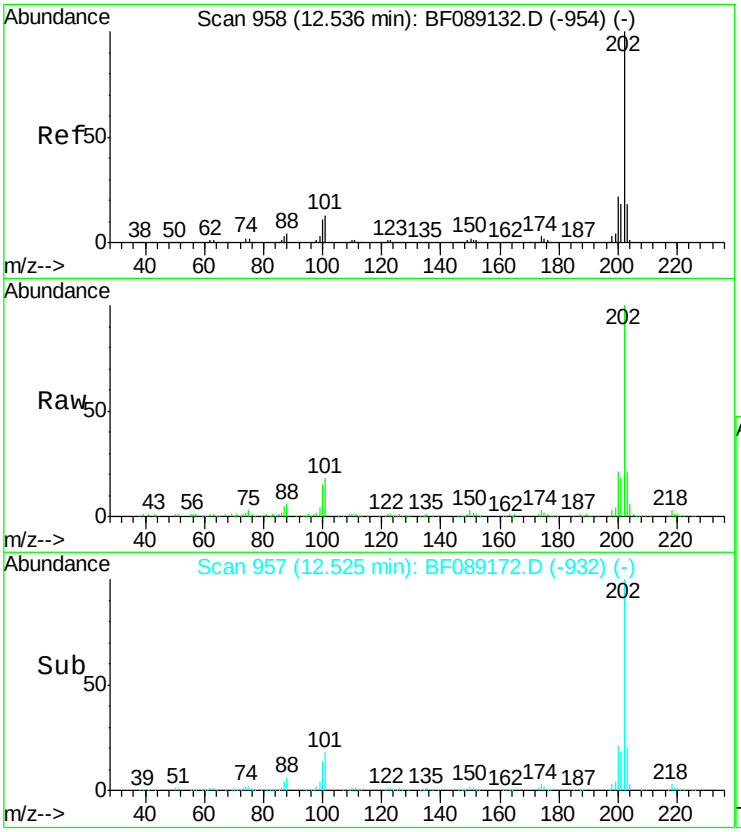


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:240 Resp: 107464

Ion	Ratio	Lower	Upper
240	100		
120	8.9	13.6	20.4#
236	25.4	20.5	30.7

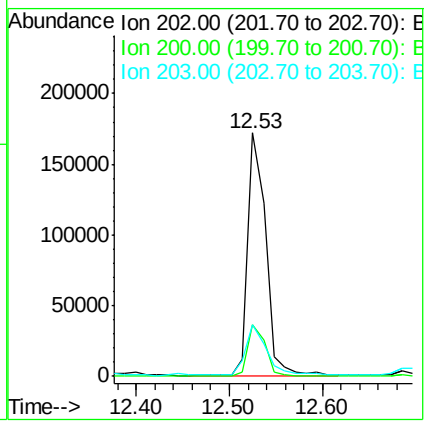




#77
Pyrene
Concen: 25.95 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:202 Resp: 230303

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.0
203	21.1	14.2	21.2



Instrument :
BNA_F
ClientSampleId :
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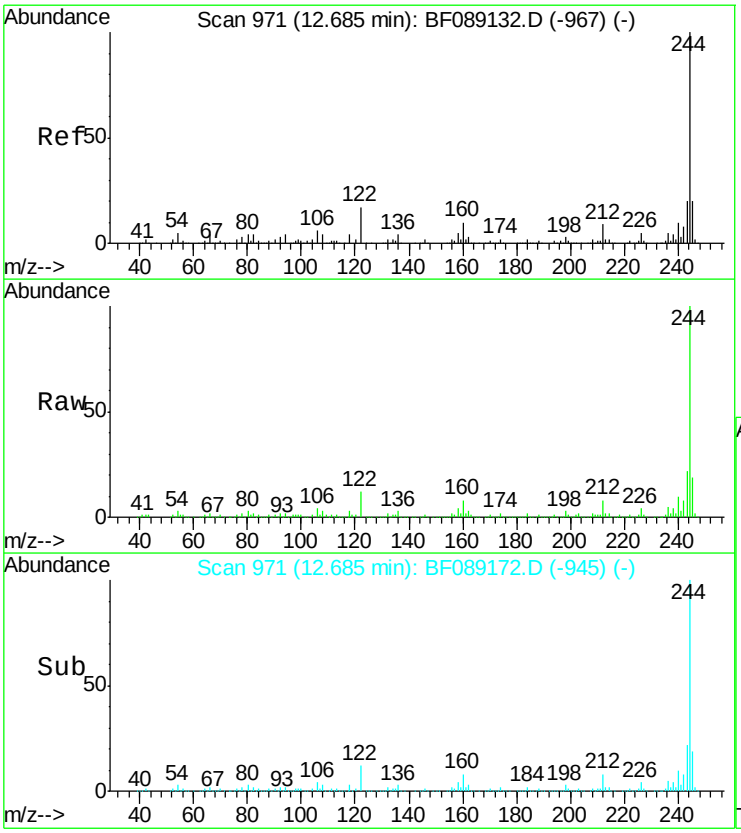
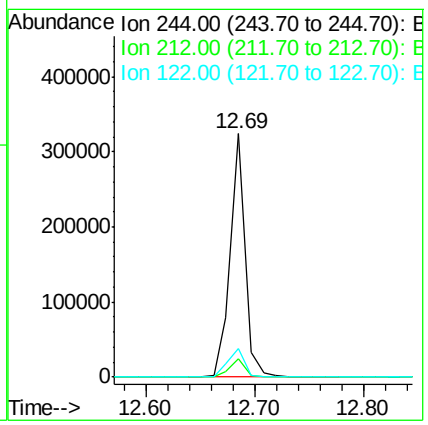
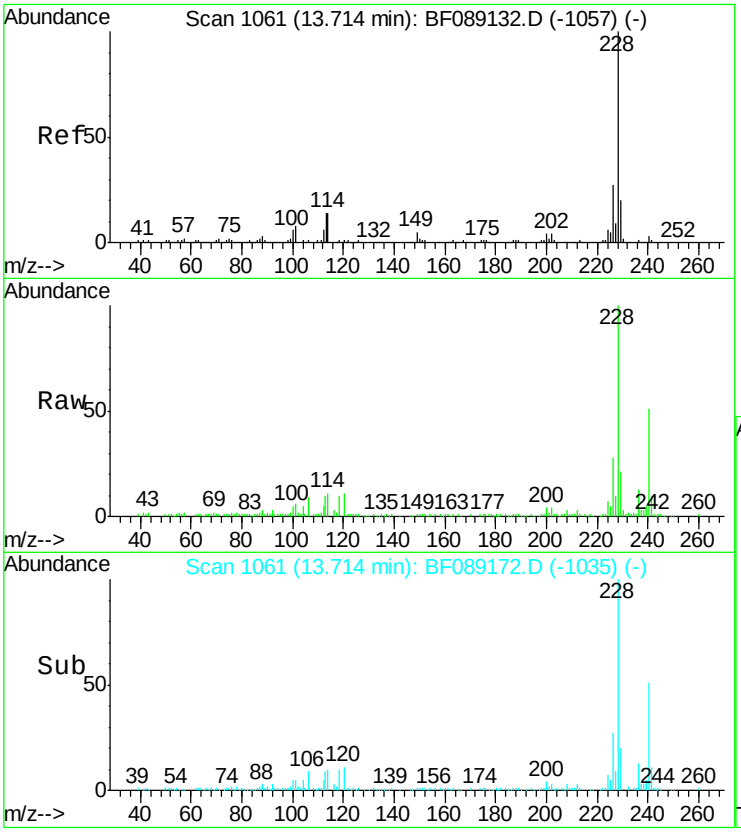


#78
Terphenyl-d14
Concen: 61.96 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:244 Resp: 306971

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.4
122	12.0	13.8	20.8#

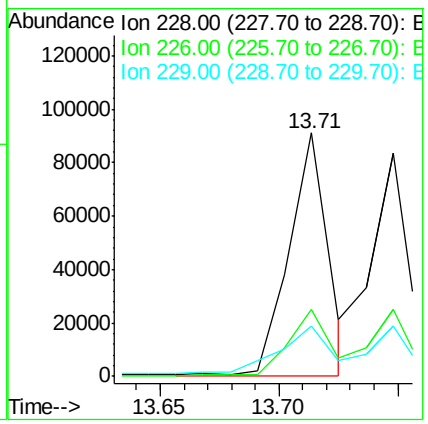




#80
Benzo(a)anthracene
Concen: 15.43 ng m
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:228 Resp: 105588

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.5	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
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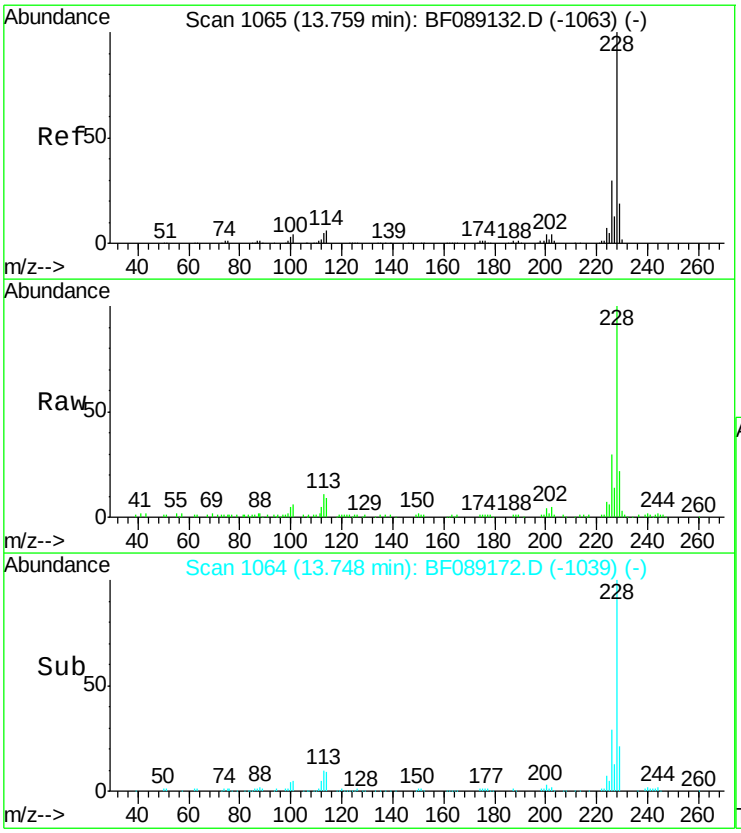
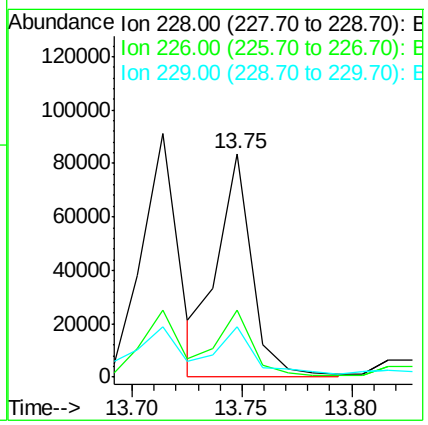
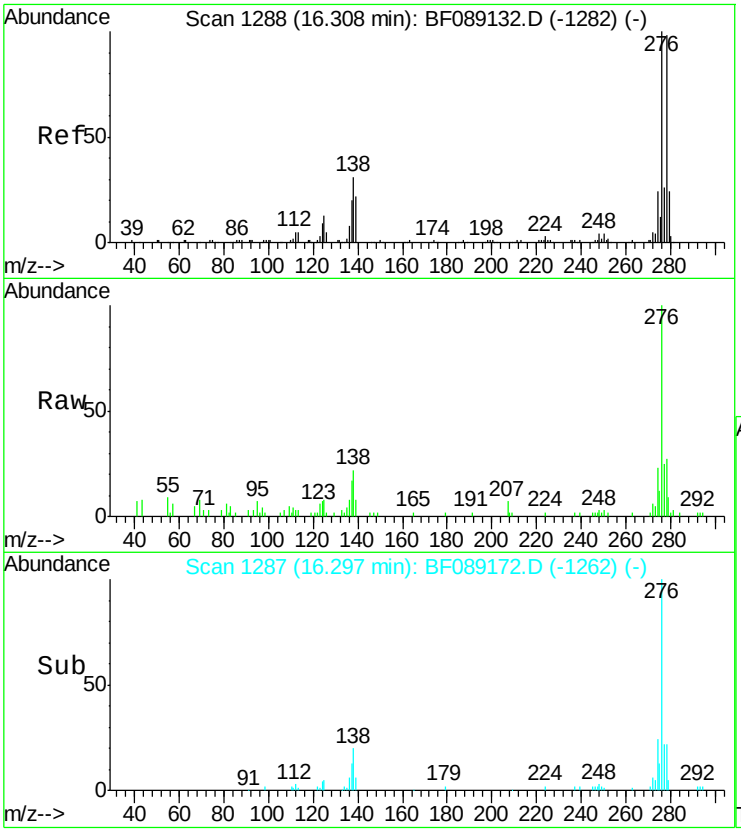


#82
Chrysene
Concen: 14.11 ng m
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:228 Resp: 92251

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	22.3	15.4	23.0

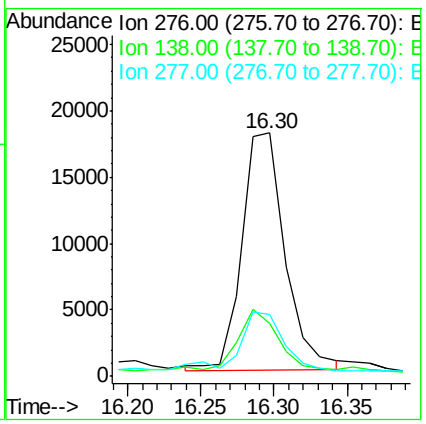




#85
Indeno(1,2,3-cd)pyrene
Concen: 7.76 ng m
RT: 16.30 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:276 Resp: 36869

Ion	Ratio	Lower	Upper
276	100		
138	24.3	23.7	35.5
277	26.3	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
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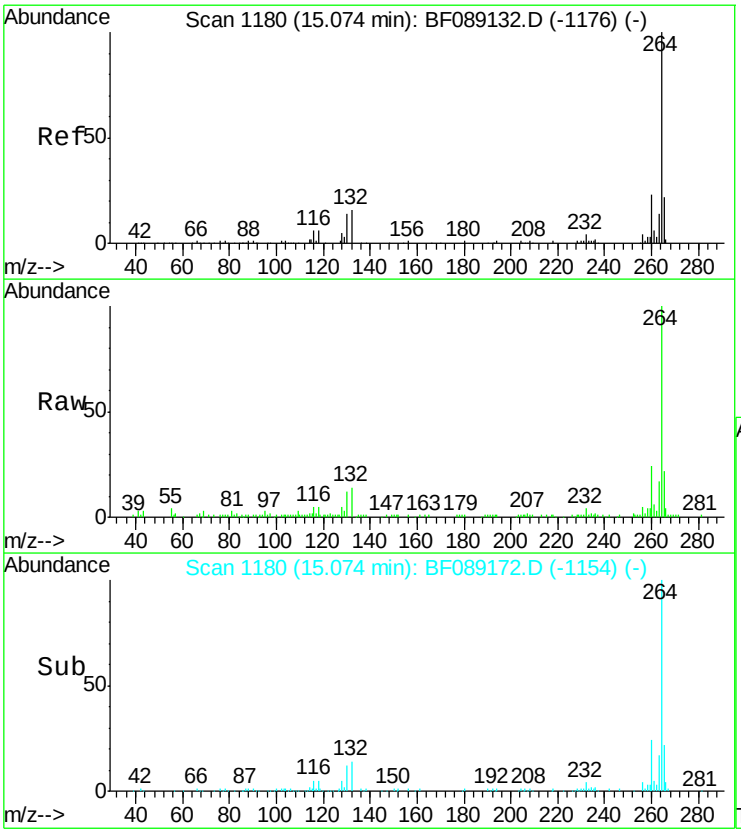
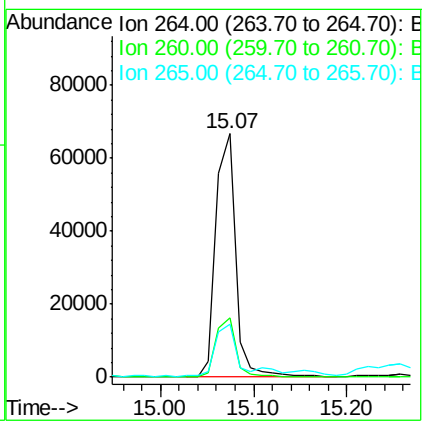
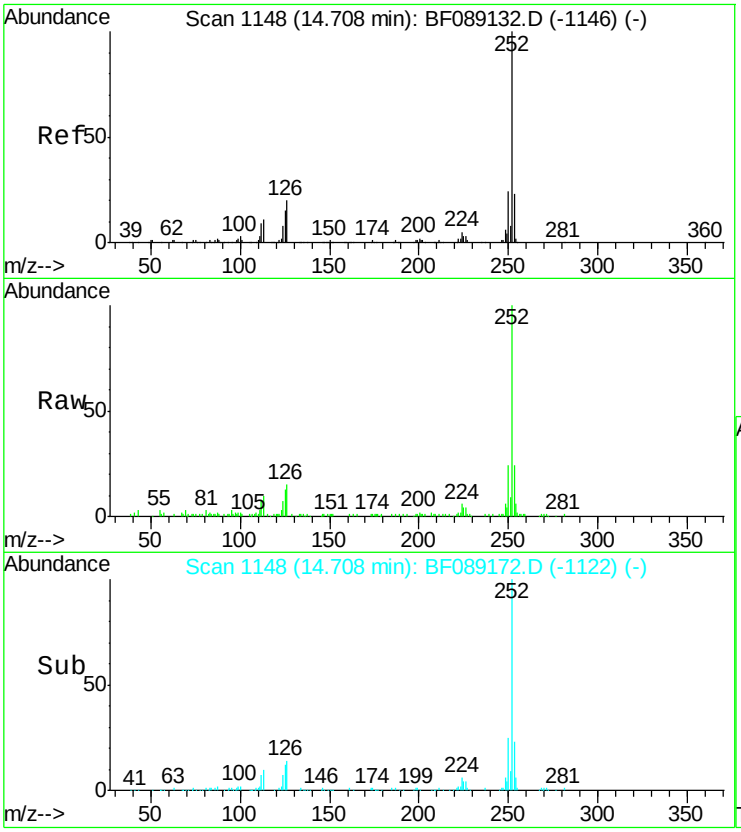


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:264 Resp: 98823

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	21.9	17.3	25.9

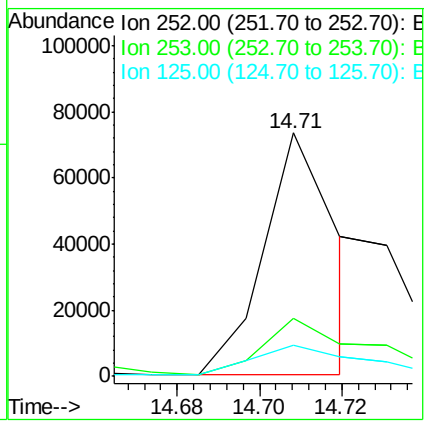




#87
Benzo(b)fluoranthene
Concen: 12.65 ng m
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:252 Resp: 90528

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	13.0	11.9	17.9



Instrument :
BNA_F
ClientSampleId :
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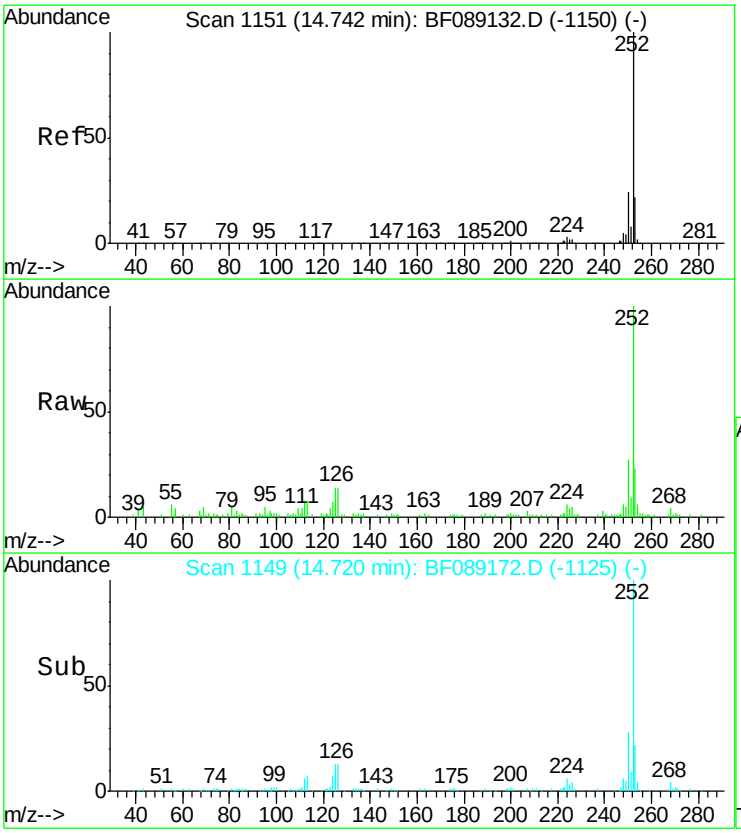
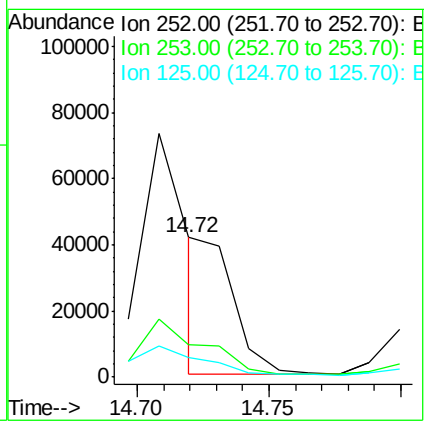
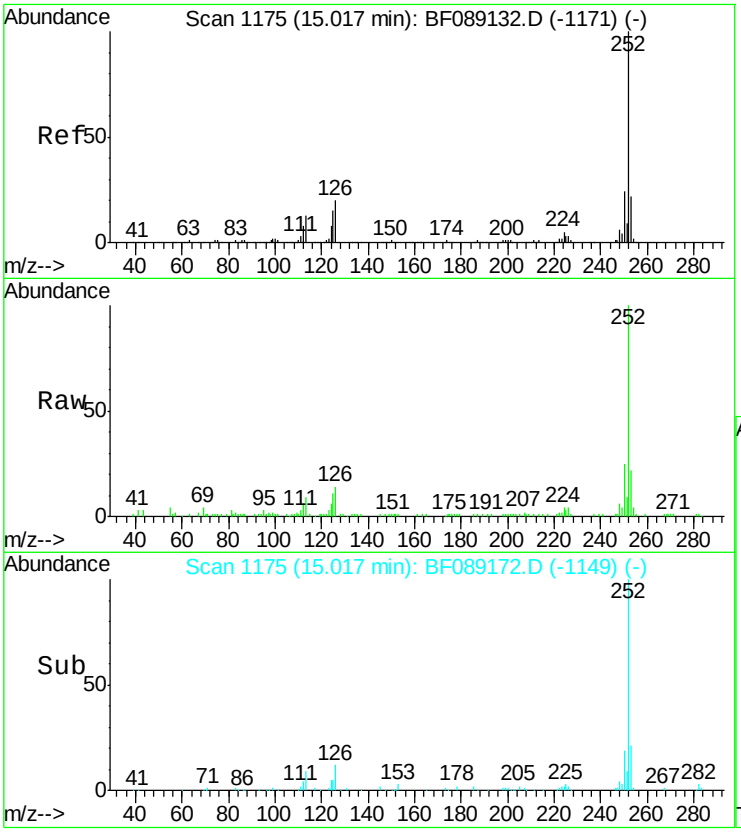


#88
Benzo(k)fluoranthene
Concen: 6.54 ng m
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:252 Resp: 33491

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	14.0	6.3	9.5#





#89
Benzo(a)pyrene
Concen: 13.06 ng m
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:252 Resp: 72560

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.8	12.4	18.6#

Instrument :
BNA_F
ClientSampleId :
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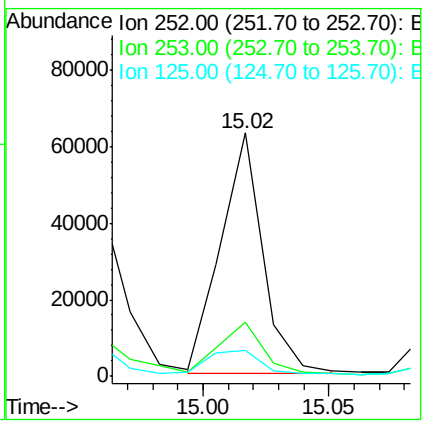
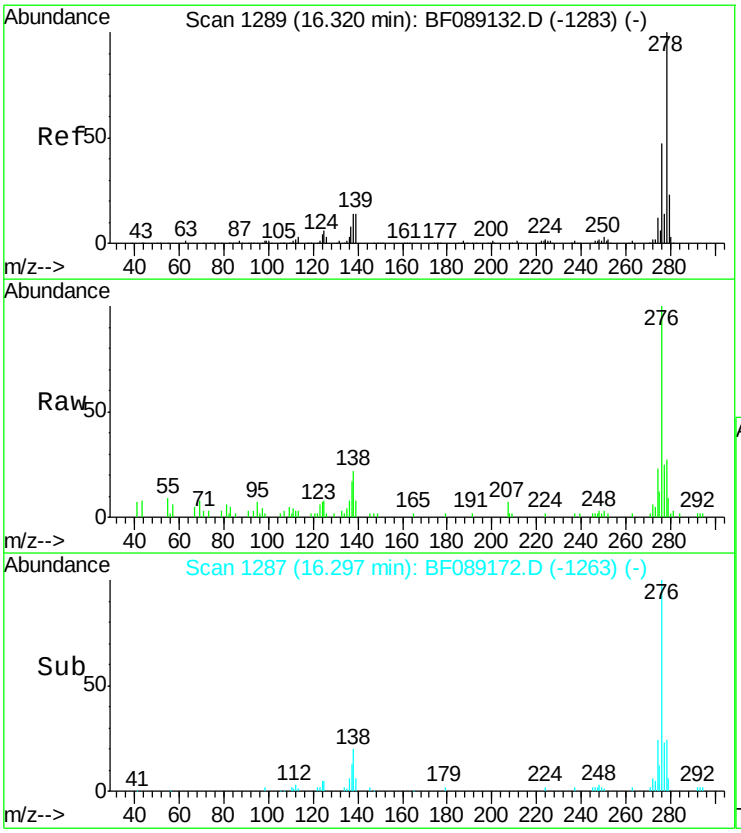
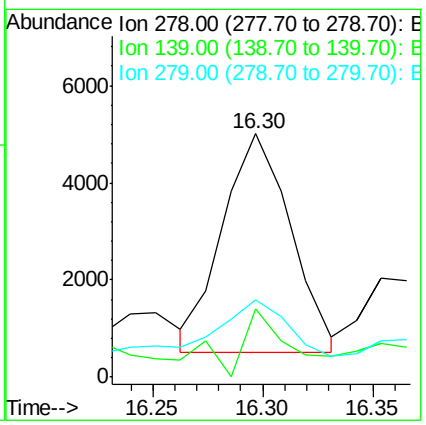


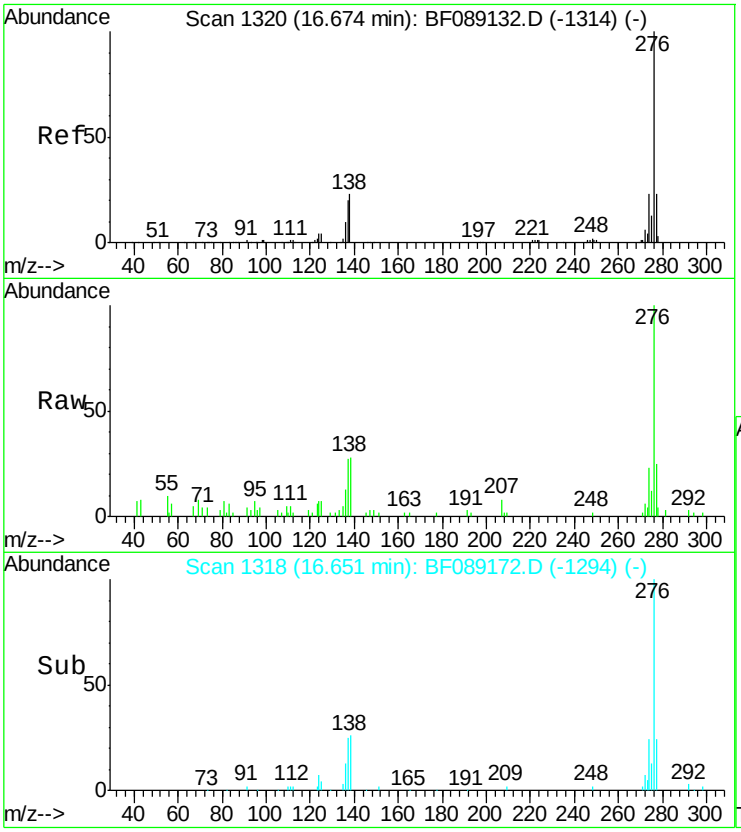


#90
Dibenzo(a,h)anthracene
Concen: 2.22 ng m
RT: 16.30 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:278 Resp: 9725

Ion	Ratio	Lower	Upper
278	100		
139	28.2	11.4	17.2#
279	31.5	18.4	27.6#

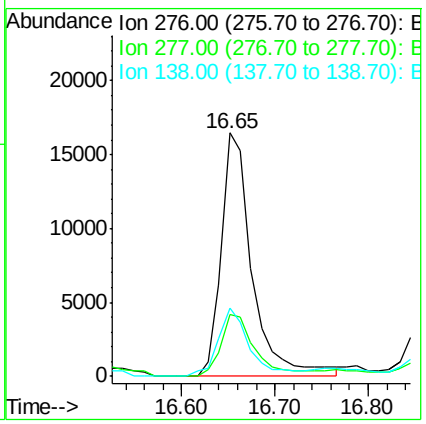




#91
Benzo(g,h,i)perylene
Concen: 8.61 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF089172.D
Acq: 21 Jul 2016 11:14

Tgt Ion:276 Resp: 38067

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.5	27.7
138	27.8	18.5	27.7#



Instrument :
BNA_F
ClientSampleId :
KSB-01-0.2-2.0

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