Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089151.D
Acq On : 21 Jul 2016 00:52
Operator : UM/SJ
Sample : H4112-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-04-12.0-14.0

Quant Time: Jul 21 16:20:38 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	14377	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	64114	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	29251	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	59667	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	46956	20.00	ng	-0.01
86) Perylene-d12	15.06	264	37195	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	318769	337.21	ng	0.00
7) Phenol-d6	6.26	99	452684	371.34	ng	-0.01
23) Nitrobenzene-d5	7.16	82	252477	209.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	91431	347.18	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	417096	196.47	ng	-0.01
78) Terphenyl-d14	12.69	244	436276	201.52	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.59	142	78404	35.53	ng	95
49) Dimethylphthalate	9.36	163	109397	48.74	ng	97

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

Quantitation Report (LSC Reviewed)

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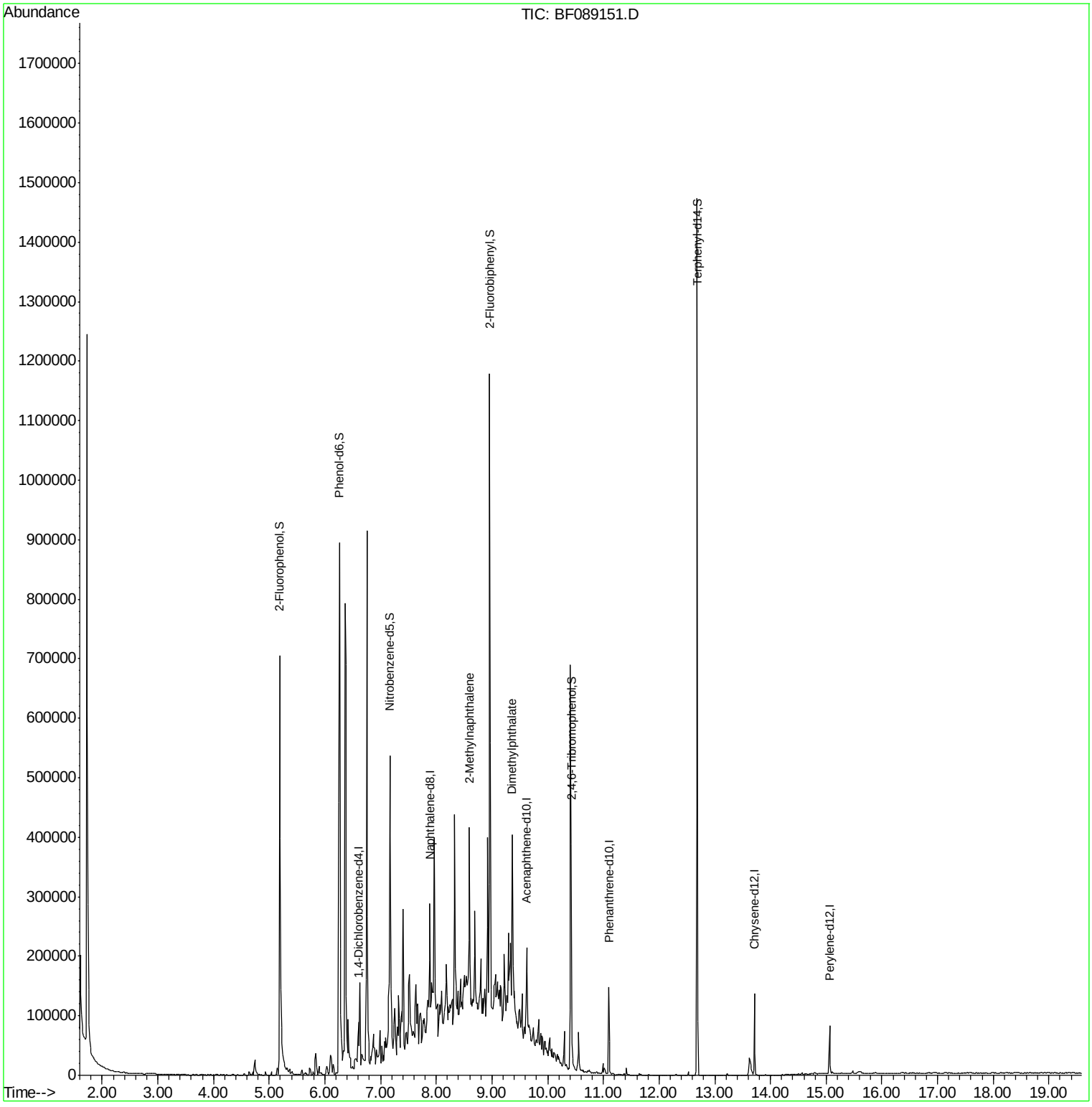
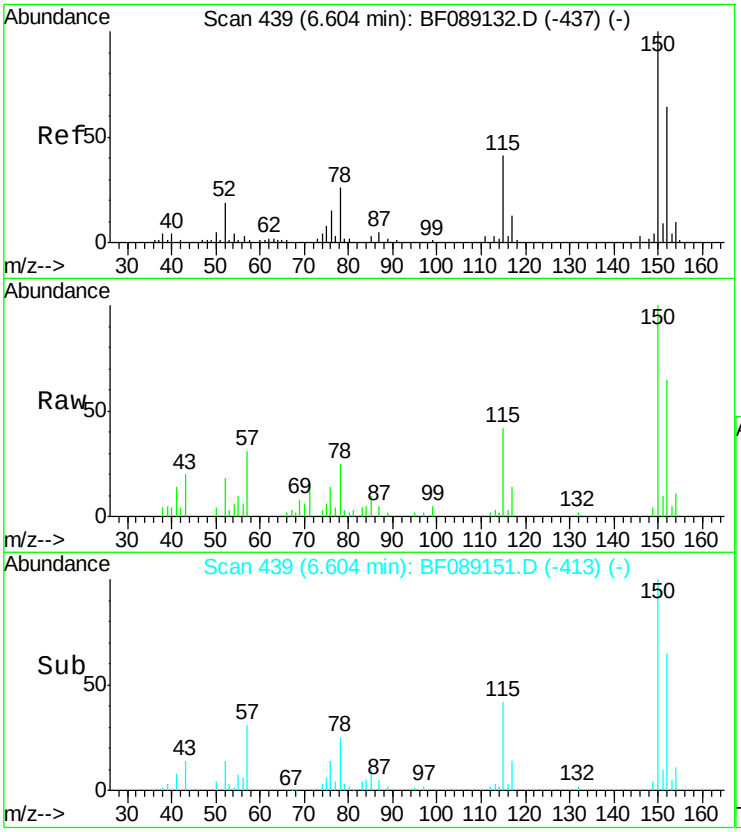


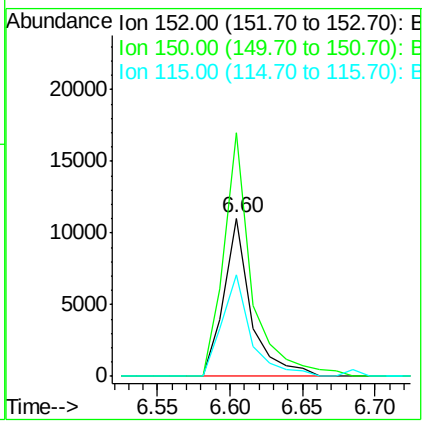


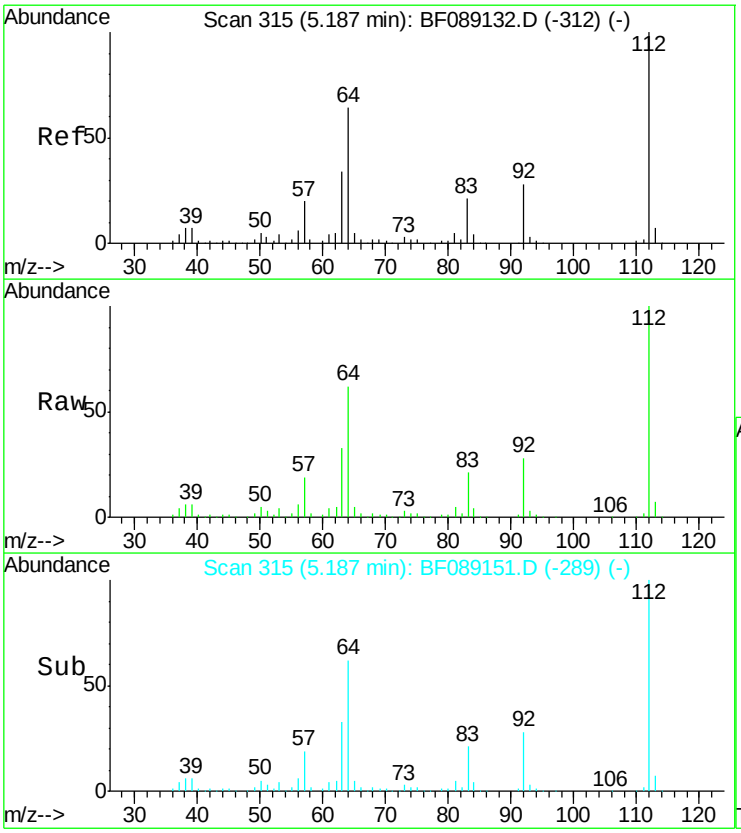
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

Tgt Ion:152 Resp: 14377

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.1	187.7
115	64.4	51.1	76.7

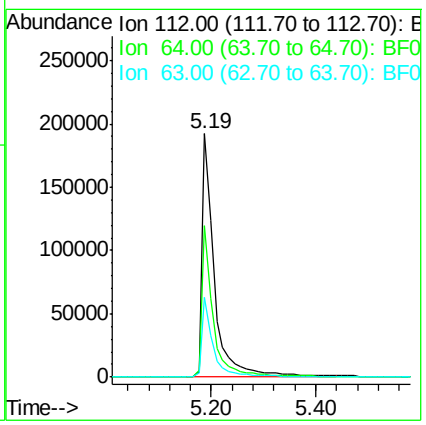


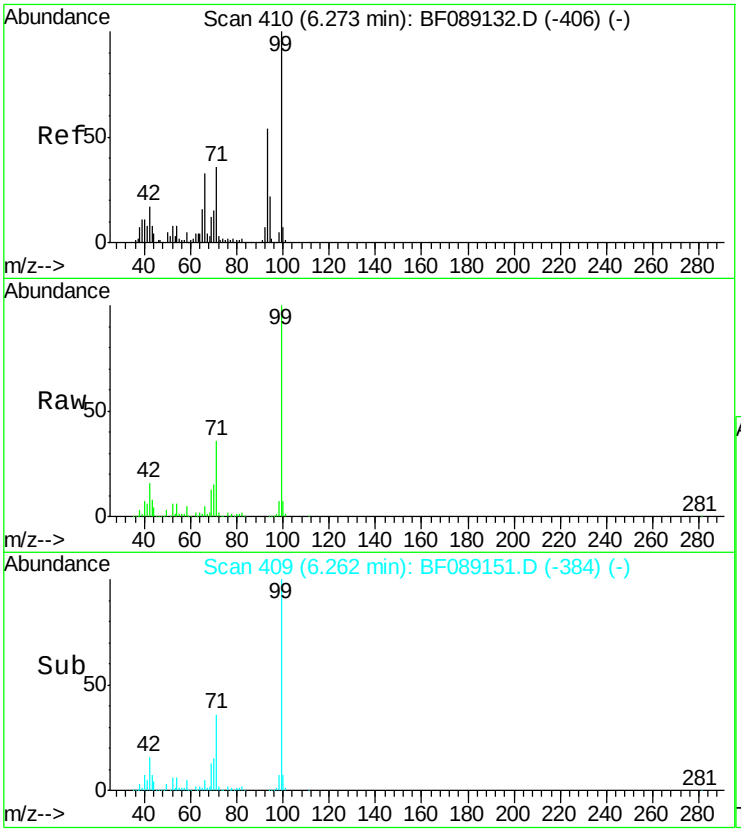


#5
2-Fluorophenol
Concen: 337.21 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:112 Resp: 318769

Ion	Ratio	Lower	Upper
112	100		
64	62.2	51.0	76.4
63	32.8	27.3	40.9



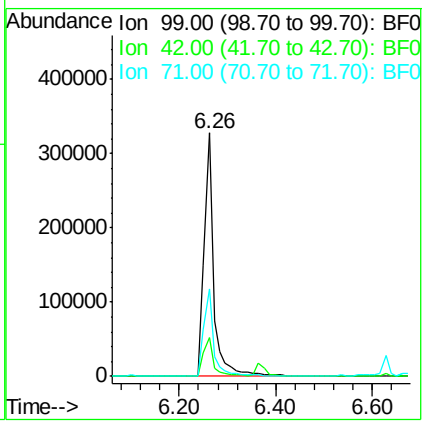


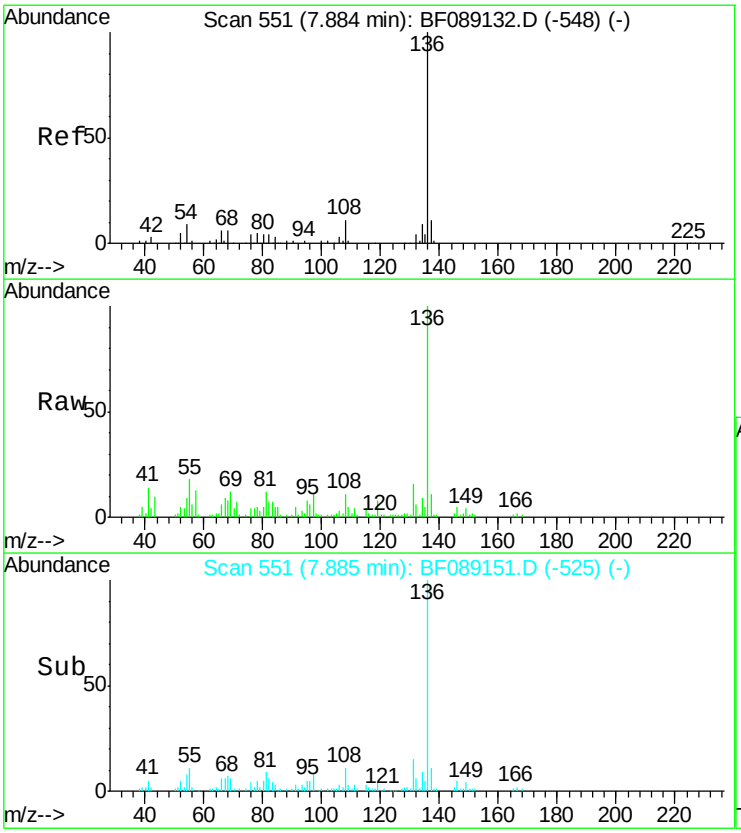
#7
Phenol-d6
Concen: 371.34 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

Tgt Ion: 99 Resp: 452684

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	36.1	28.9	43.3

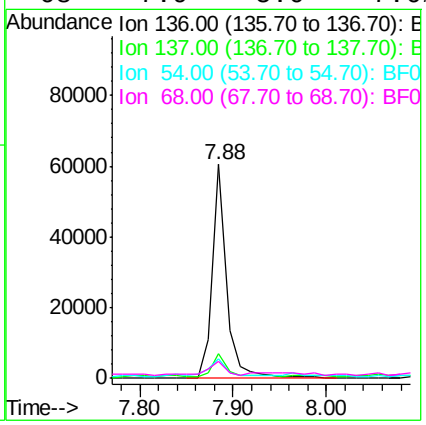


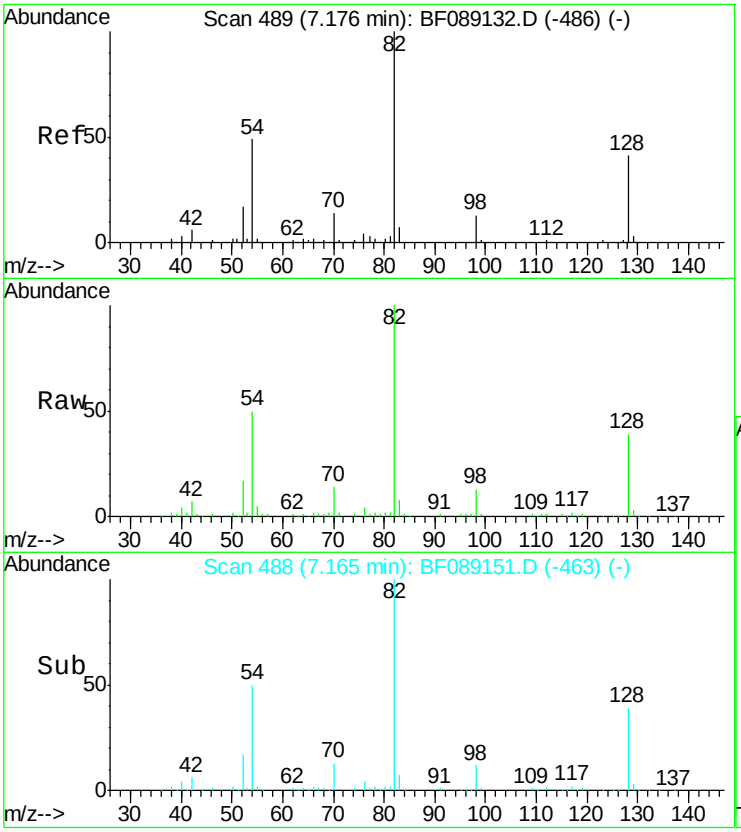


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:136 Resp: 64114

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.8	7.0	10.4
68	7.9	5.0	7.6#



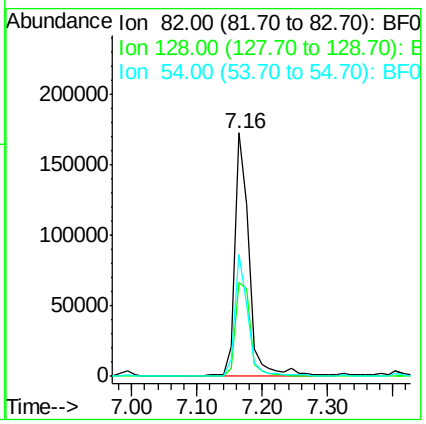


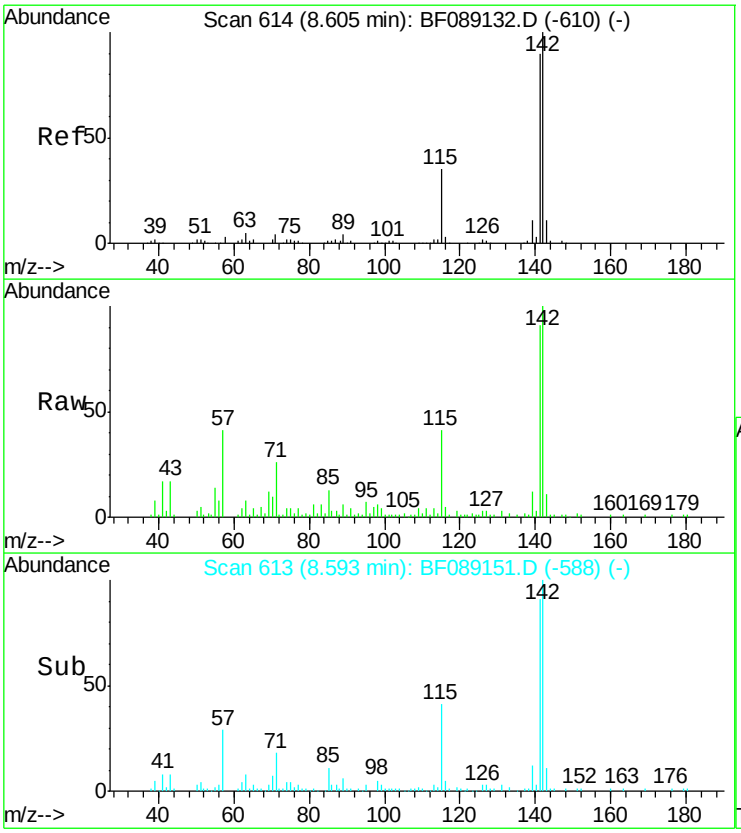
#23
Nitrobenzene-d5
Concen: 209.24 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

Tgt Ion: 82 Resp: 252477

Ion	Ratio	Lower	Upper
82	100		
128	38.5	33.0	49.6
54	49.9	39.0	58.4

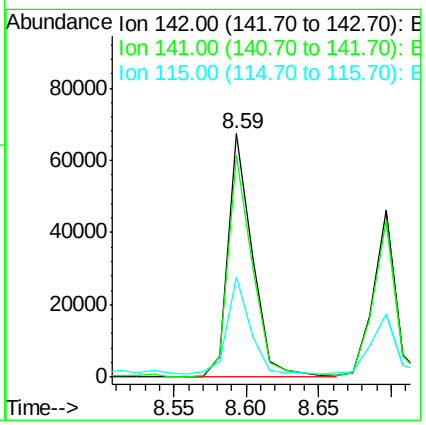


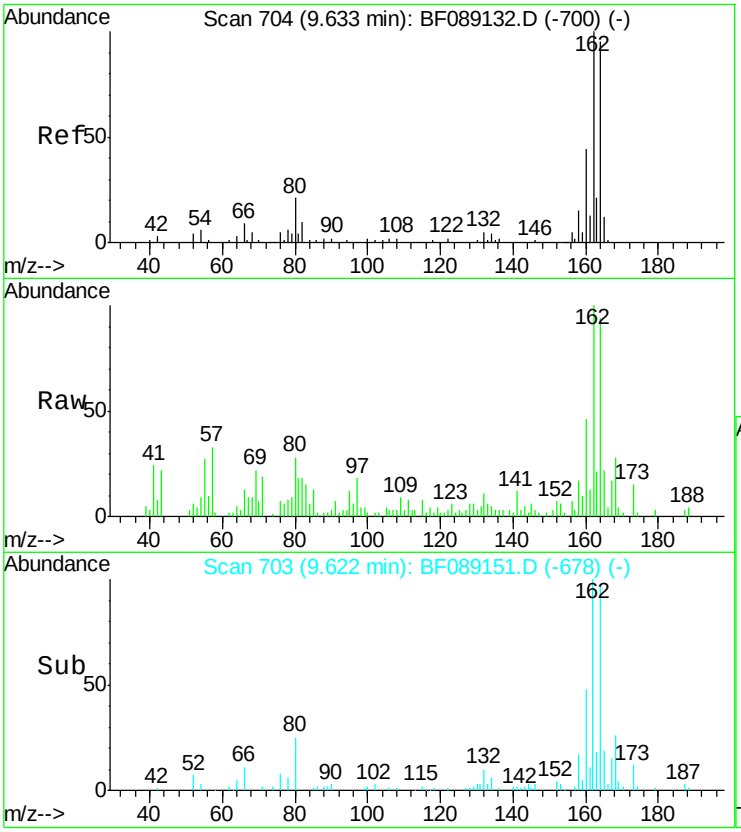


#37
2-Methylnaphthalene
Concen: 35.53 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:142 Resp: 78404

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.6	107.4
115	41.1	27.6	41.4



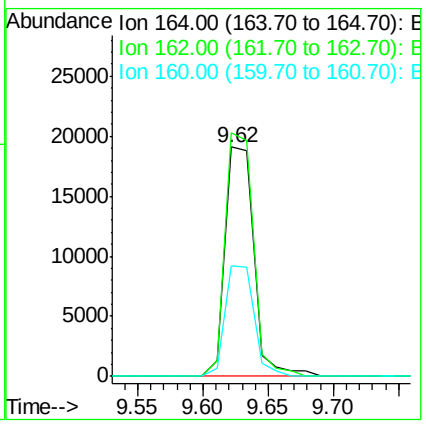


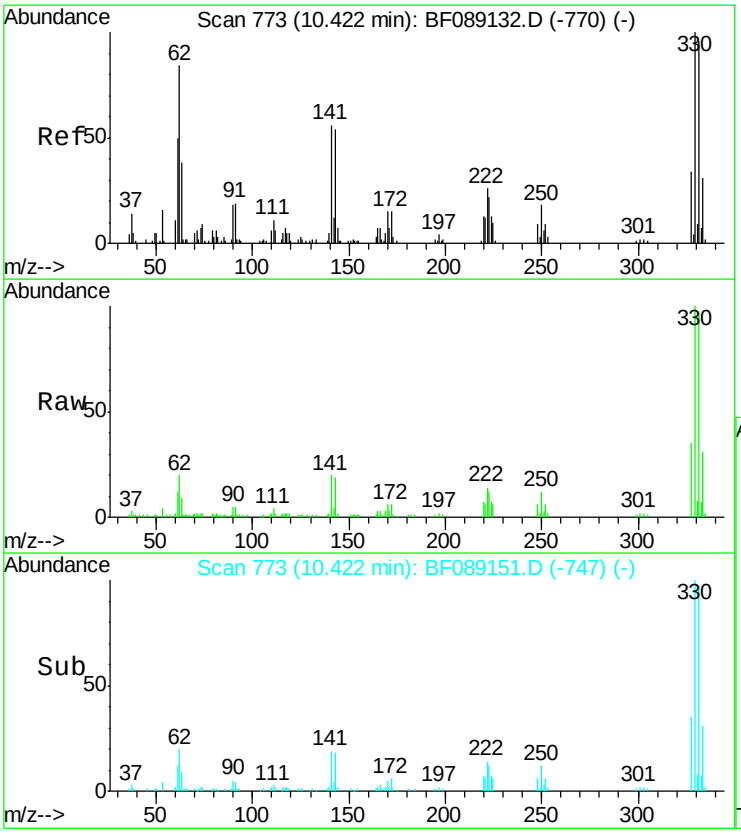
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

Tgt Ion:164 Resp: 29251

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.1	126.1
160	48.4	37.1	55.7

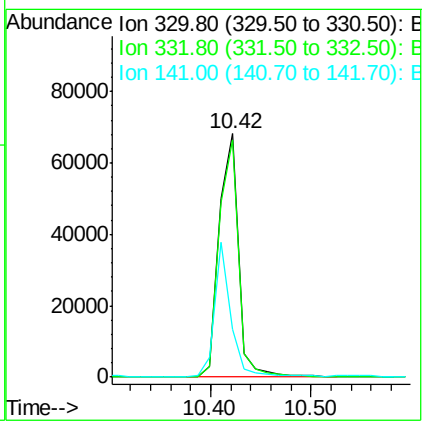


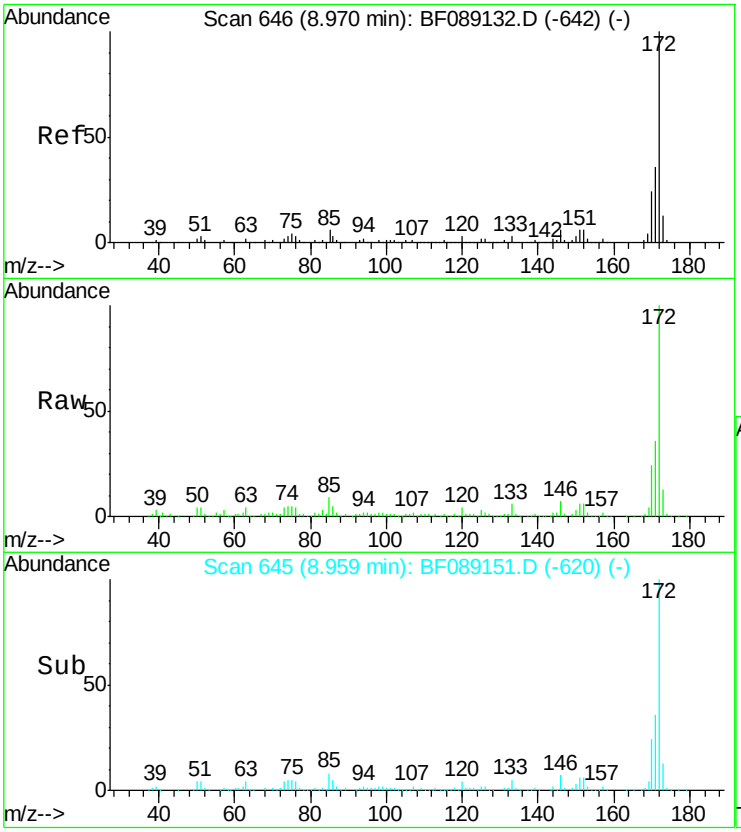


#41
2,4,6-Tribromophenol
Concen: 347.18 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:330 Resp: 91431

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.2	115.8
141	46.8	42.2	63.2



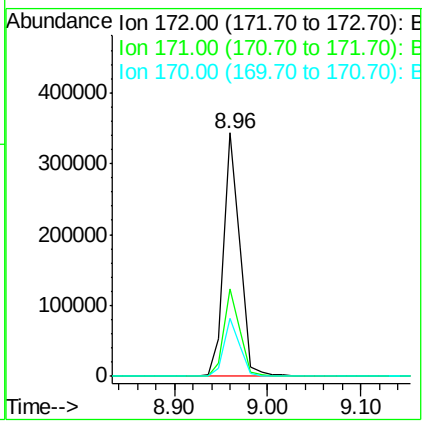


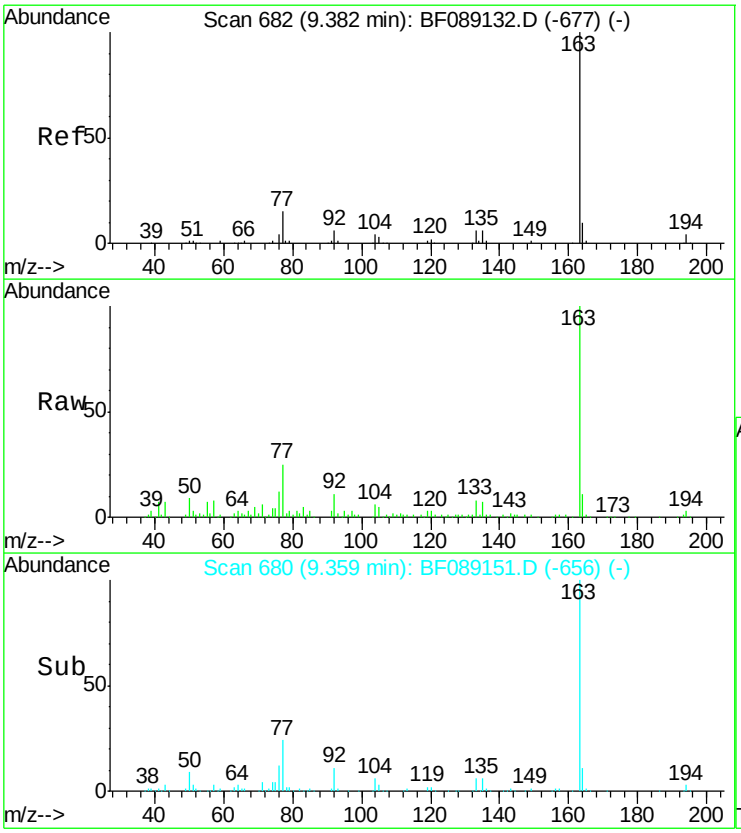
#44
2-Fluorobiphenyl
Concen: 196.47 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

Tgt Ion:172 Resp: 417096

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.7	19.1	28.7

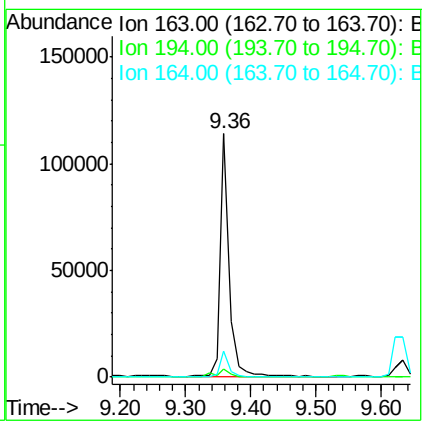


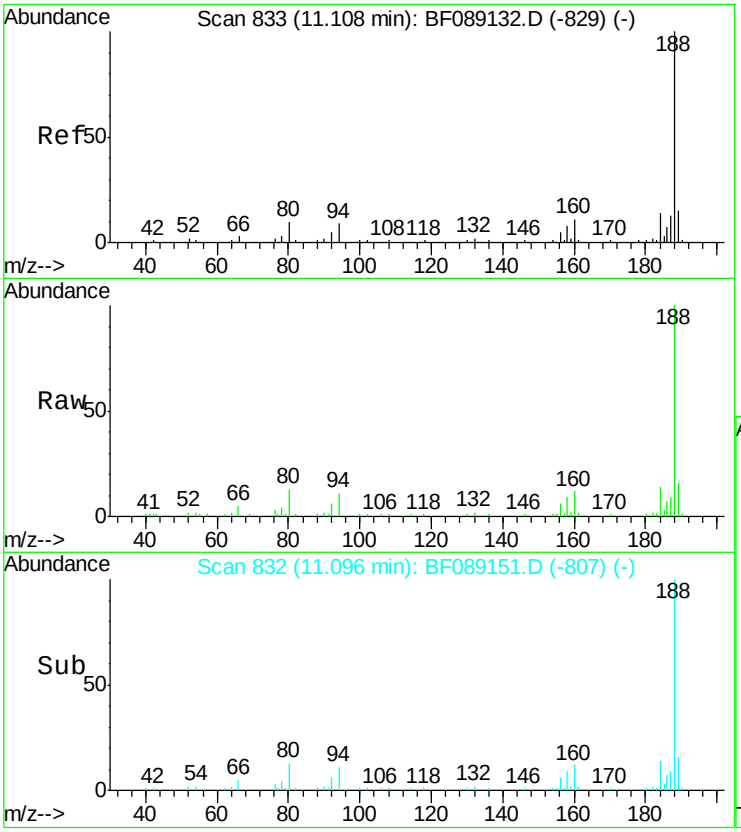


#49
Dimethylphthalate
Concen: 48.74 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:163 Resp: 109397

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.7	7.6	11.4



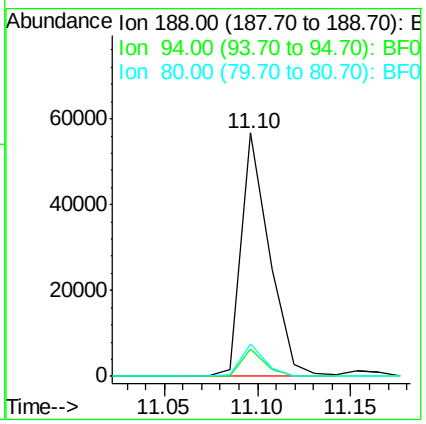


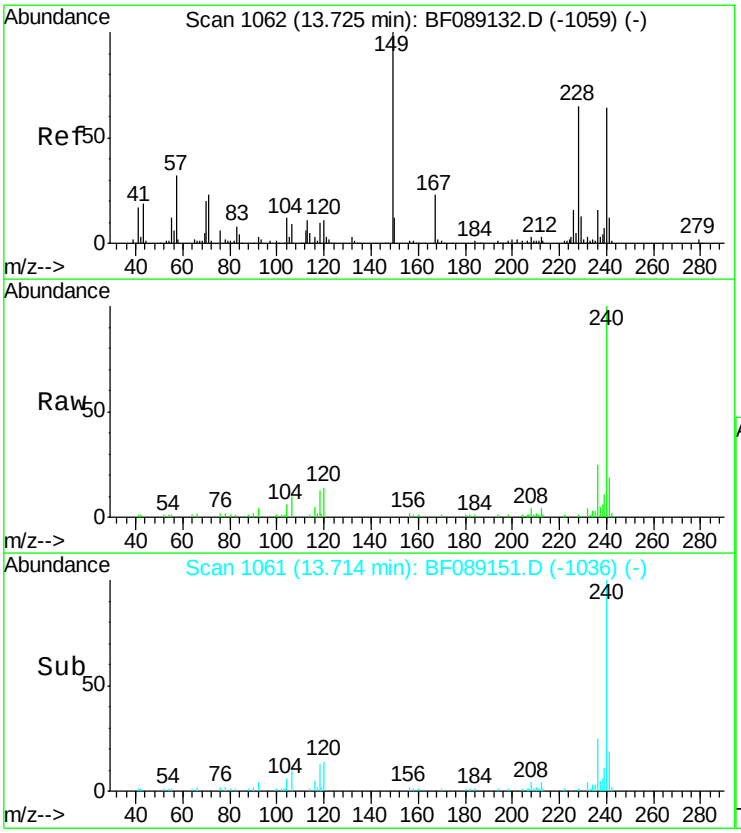
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

Tgt Ion:188 Resp: 59667

Ion	Ratio	Lower	Upper
188	100		
94	11.1	7.0	10.4#
80	13.3	7.7	11.5#

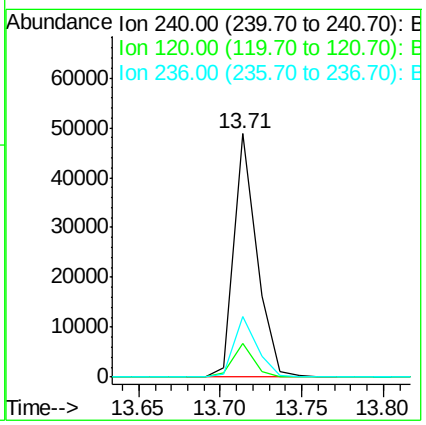


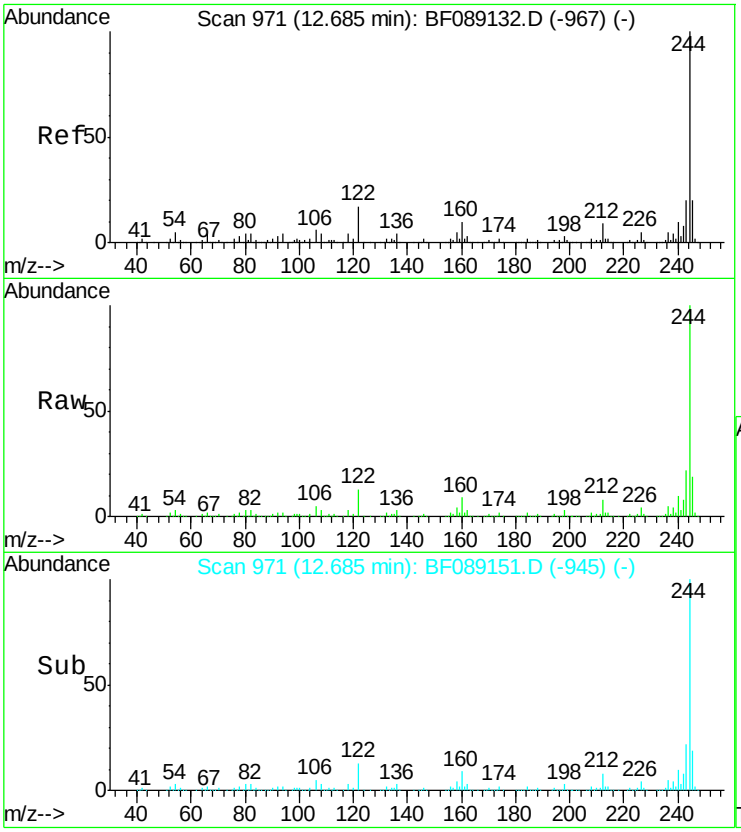


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:240 Resp: 46956

Ion	Ratio	Lower	Upper
240	100		
120	14.0	13.6	20.4
236	24.7	20.5	30.7



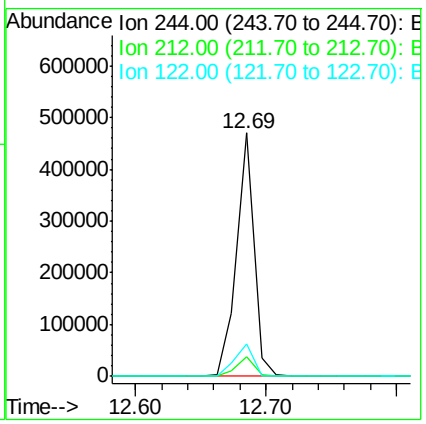


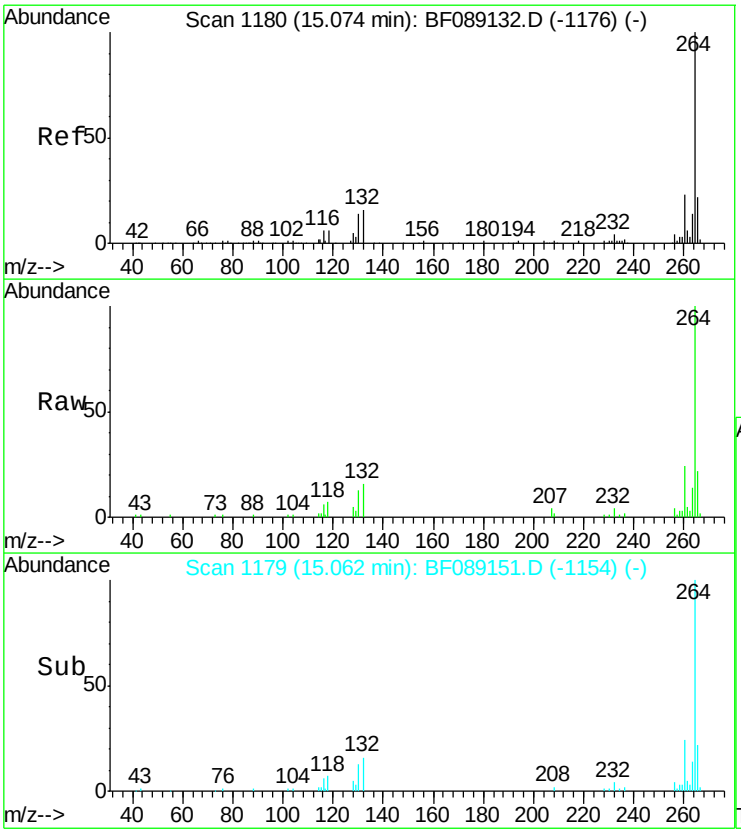
#78
Terphenyl-d14
Concen: 201.52 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

Tgt Ion:244 Resp: 436276

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.4
122	13.3	13.8	20.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:264 Resp: 37195

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	21.6	17.3	25.9