Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089079.D
Acq On : 17 Jul 2016 15:42
Operator : UM/SJ
Sample : H4046-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-1

Quant Time: Jul 18 03:48:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	52262	20.00	ng	-0.06
21) Naphthalene-d8	7.94	136	229187	20.00	ng	-0.06
38) Acenaphthene-d10	9.69	164	96894	20.00	ng	-0.06
63) Phenanthrene-d10	11.17	188	157956	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	104554	20.00	ng	-0.07
86) Perylene-d12	15.15	264	93977	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	393782	112.92	ng	-0.03
7) Phenol-d6	6.31	99	510639	113.33	ng	-0.05
23) Nitrobenzene-d5	7.22	82	282677	64.64	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	79144	87.96	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	458675	74.77	ng	-0.06
78) Terphenyl-d14	12.74	244	259549	55.29	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	108658	15.74	ng	99
70) Phenanthrene	11.19	178	99796	11.56	ng	98
74) Fluoranthene	12.37	202	117556	13.43	ng	98
77) Pyrene	12.59	202	157111	17.72	ng	99
80) Benzo(a)anthracene	13.77	228	52871m	7.85	ng	
82) Chrysene	13.82	228	48943	7.35	ng	98
85) Indeno(1,2,3-cd)pyrene	16.41	276	37416	7.30	ng	# 100
87) Benzo(b)fluoranthene	14.78	252	66584m	11.29	ng	
88) Benzo(k)fluoranthene	14.79	252	23799m	4.64	ng	
89) Benzo(a)pyrene	15.10	252	54352m	10.89	ng	
91) Benzo(g,h,i)perylene	16.79	276	46213	10.71	ng	99

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

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Acq On : 17 Jul 2016 15:42
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Misc :
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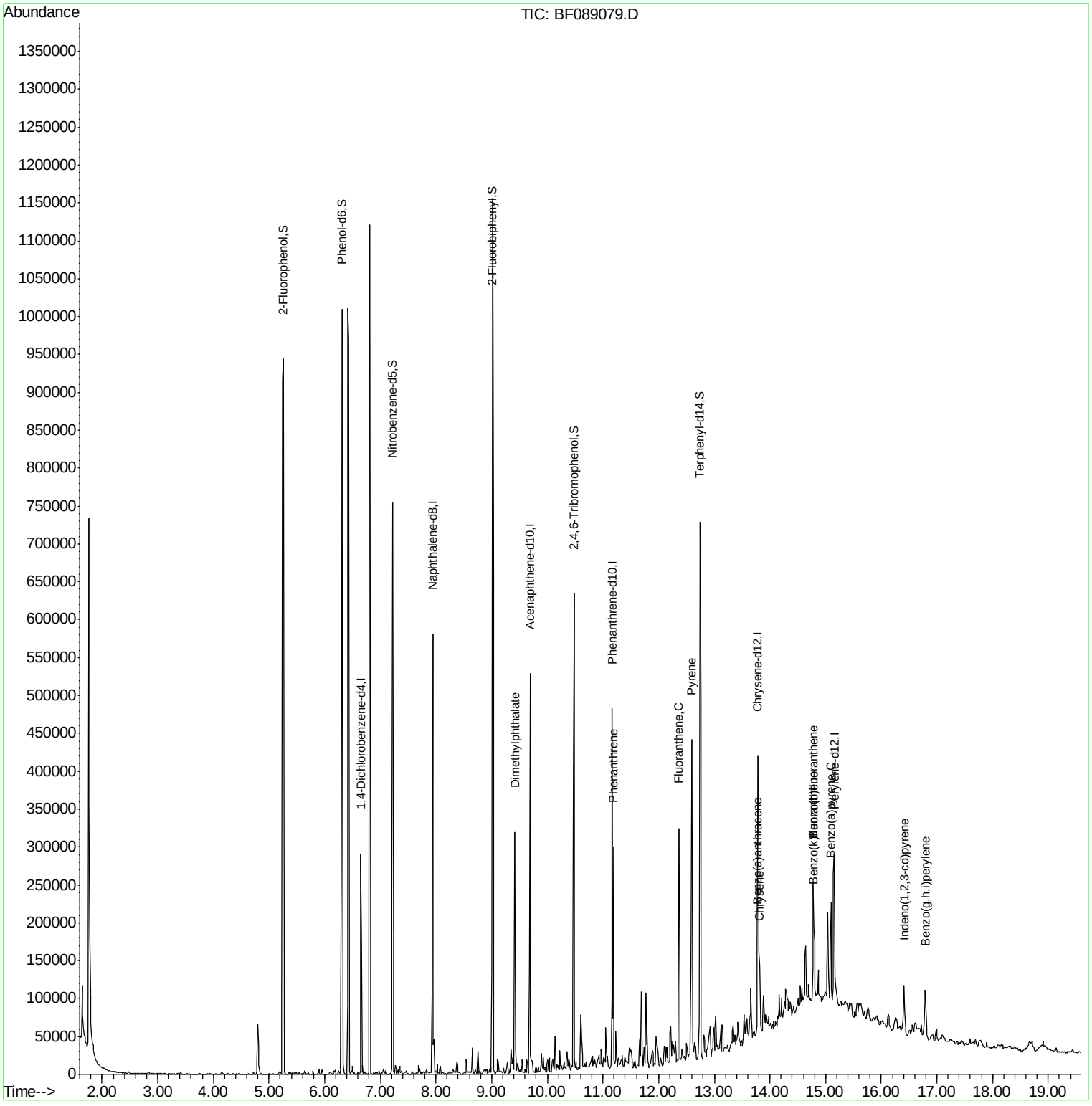
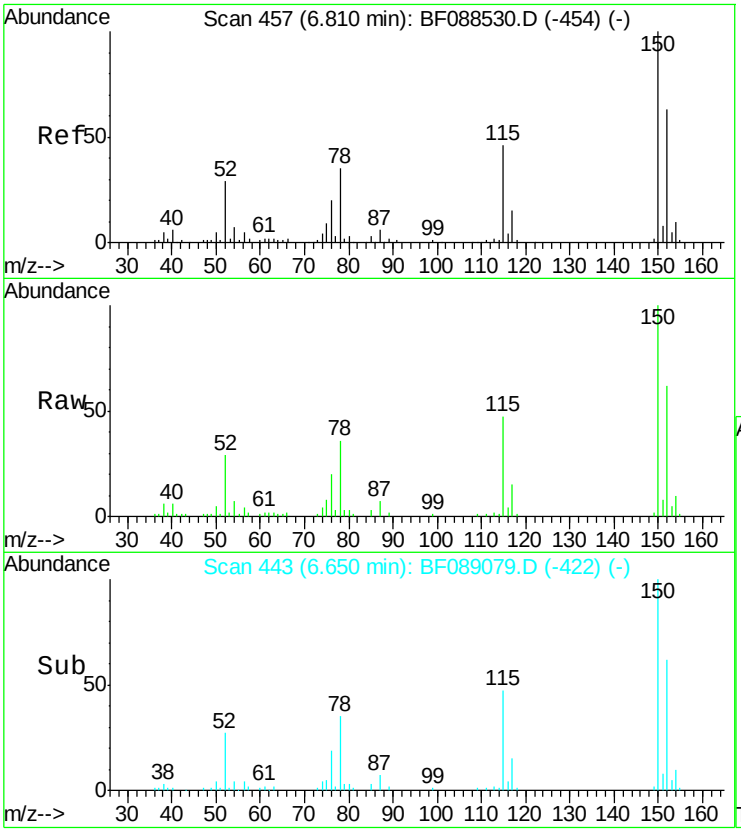


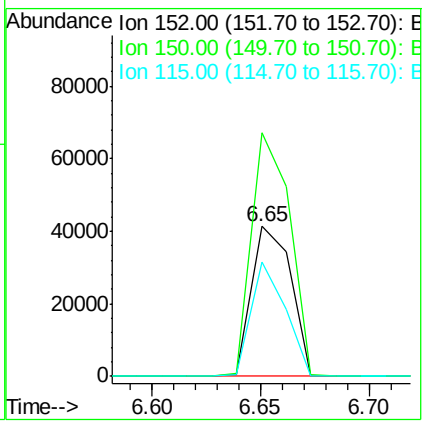


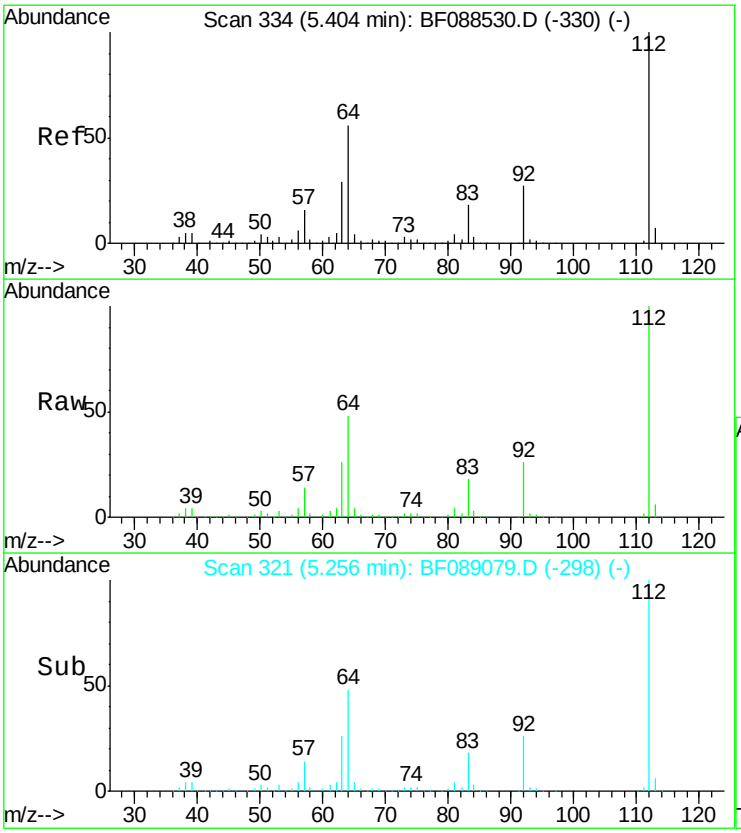
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:152 Resp: 52262

Ion	Ratio	Lower	Upper
152	100		
150	162.5	123.8	185.6
115	76.2	39.6	59.4#

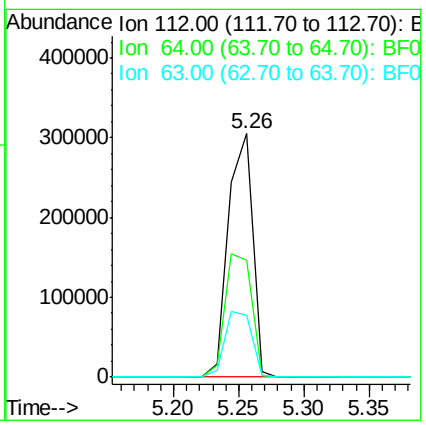


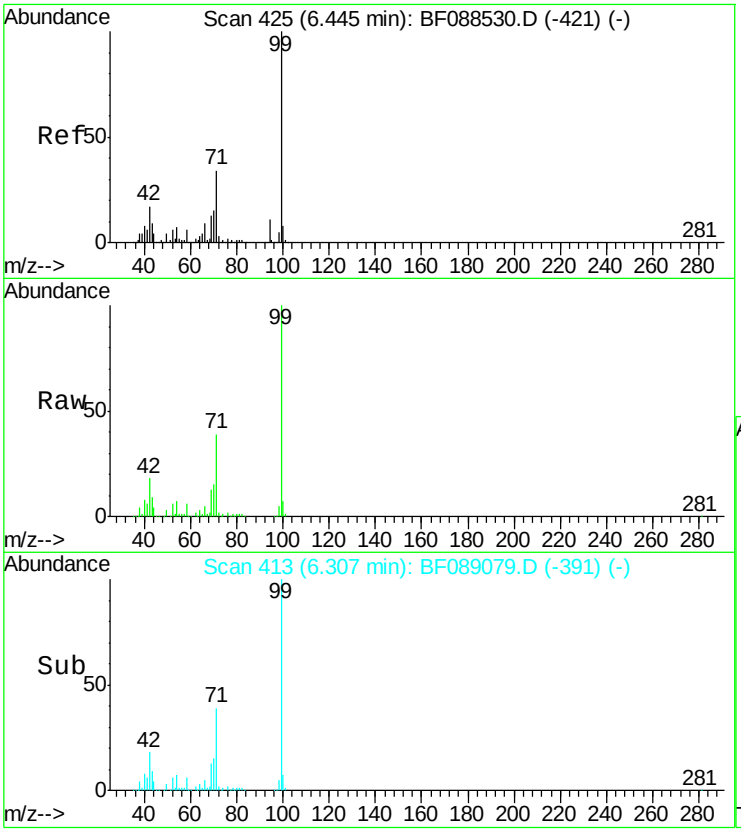


#5
2-Fluorophenol
Concen: 112.92 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.03 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:112 Resp: 393782

Ion	Ratio	Lower	Upper
112	100		
64	48.0	42.2	63.2
63	25.5	21.8	32.8



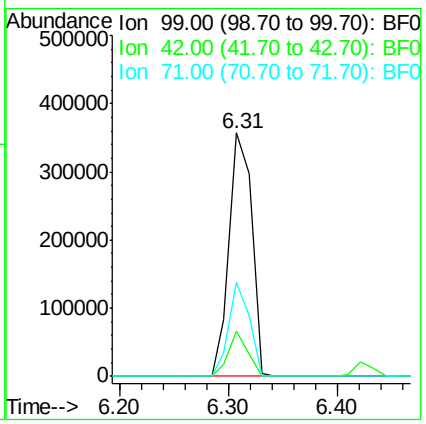


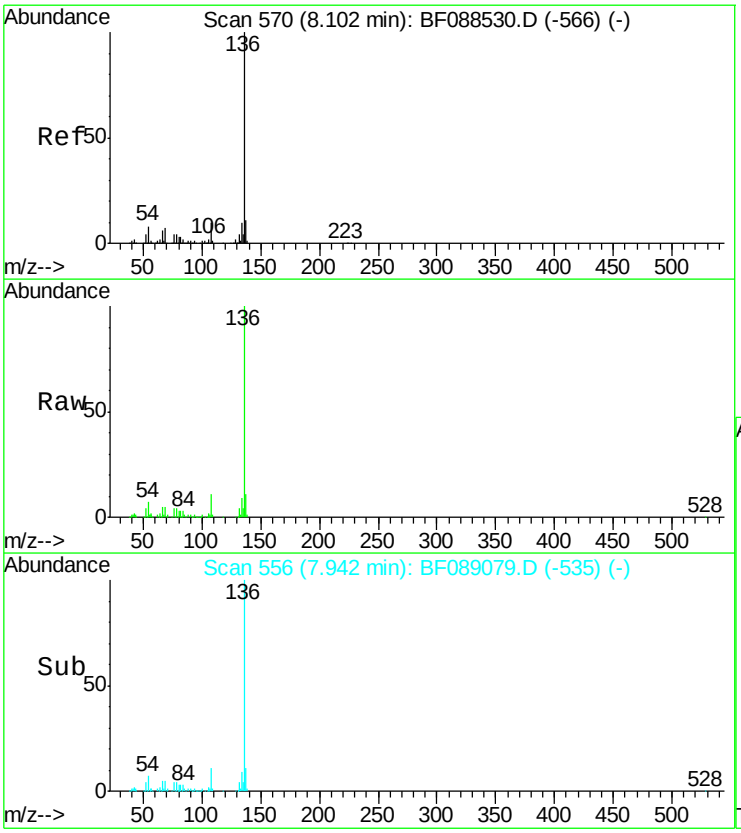
#7
Phenol-d6
Concen: 113.33 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion: 99 Resp: 510639

Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.2	18.2#
71	38.6	23.4	35.0#

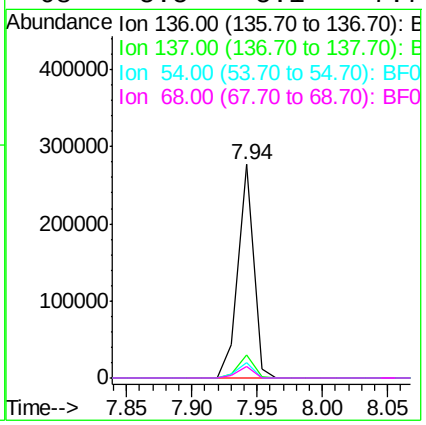


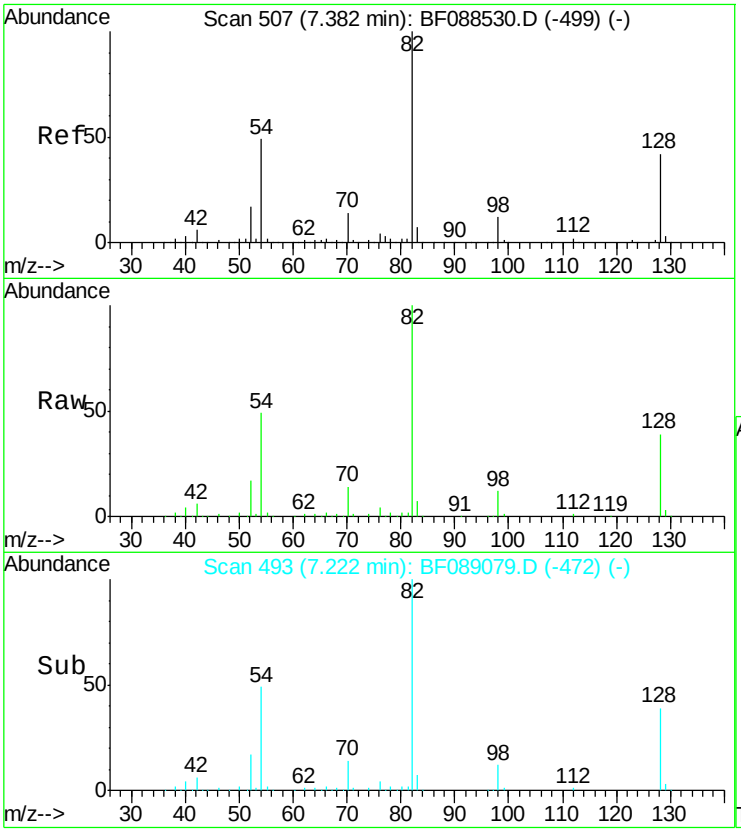


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:136 Resp: 229187

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.9	6.6	10.0
68	5.5	5.1	7.7



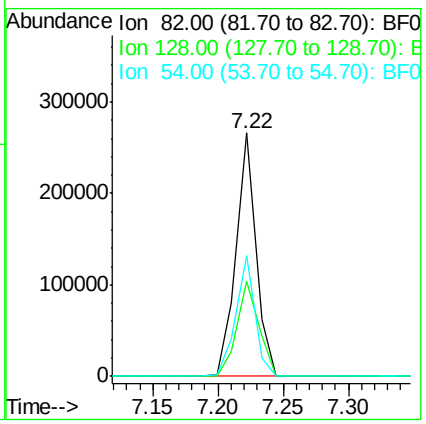


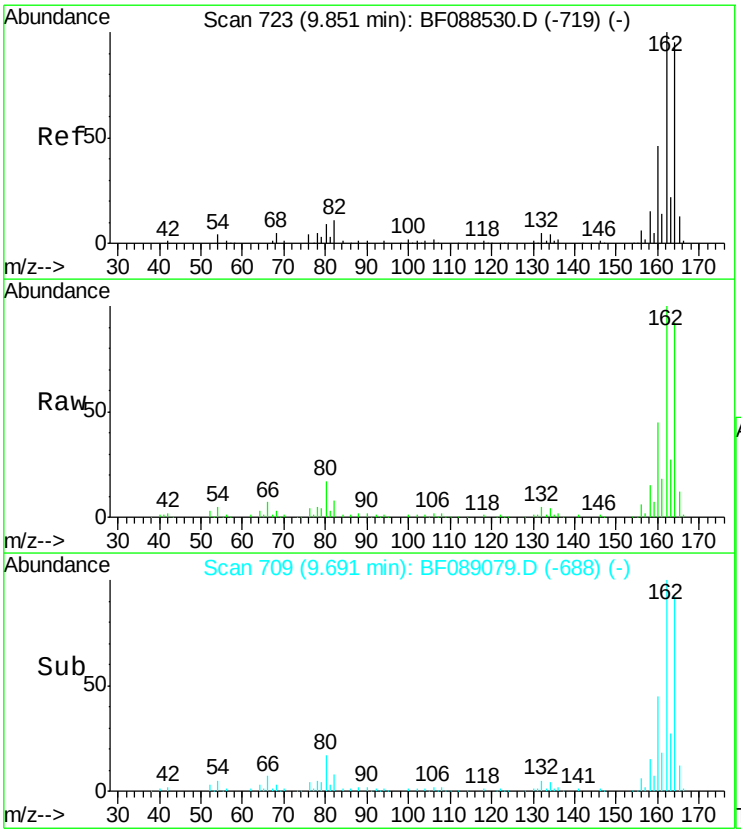
#23
Nitrobenzene-d5
Concen: 64.64 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion: 82 Resp: 282677

Ion	Ratio	Lower	Upper
82	100		
128	39.2	35.9	53.9
54	49.4	40.9	61.3

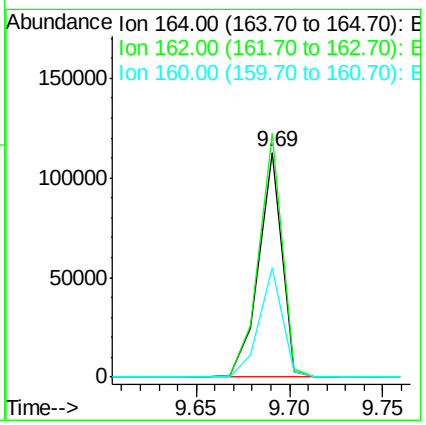


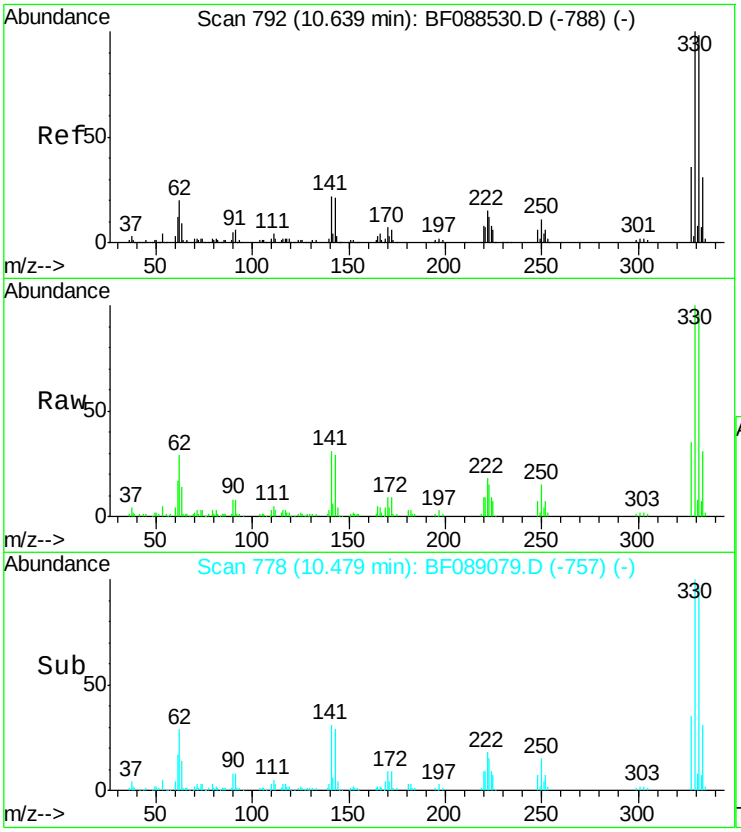


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:164 Resp: 96894

Ion	Ratio	Lower	Upper
164	100		
162	108.2	85.4	128.2
160	48.7	39.5	59.3



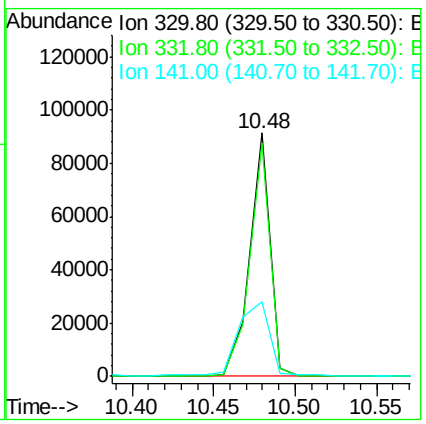


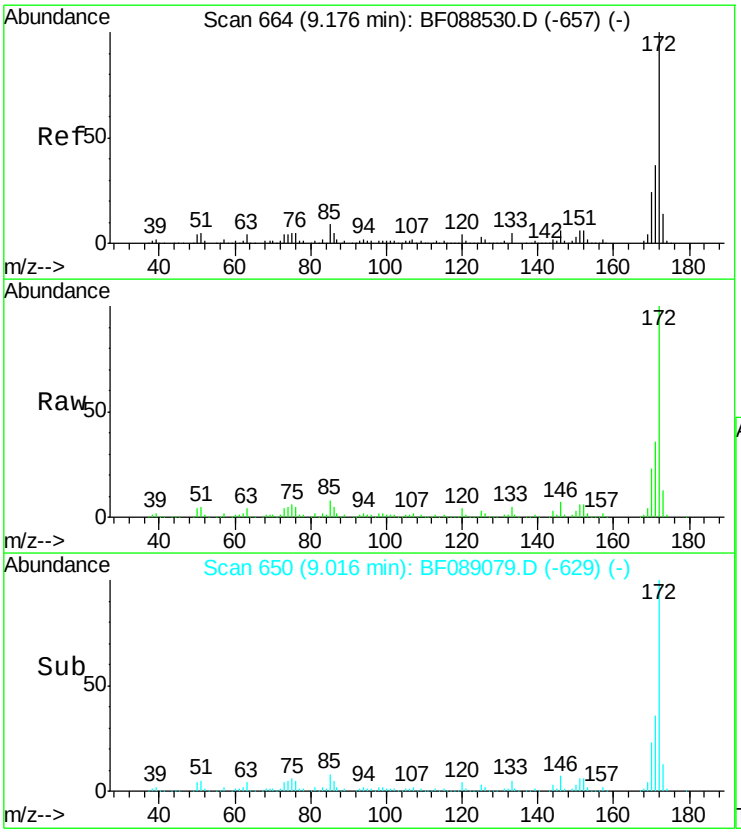
#41
2,4,6-Tribromophenol
Concen: 87.96 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:330 Resp: 79144

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	48.0	0.0	0.0#

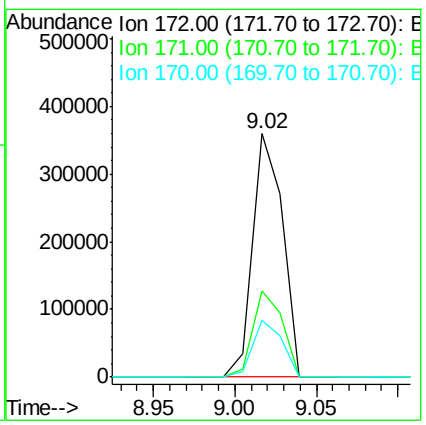


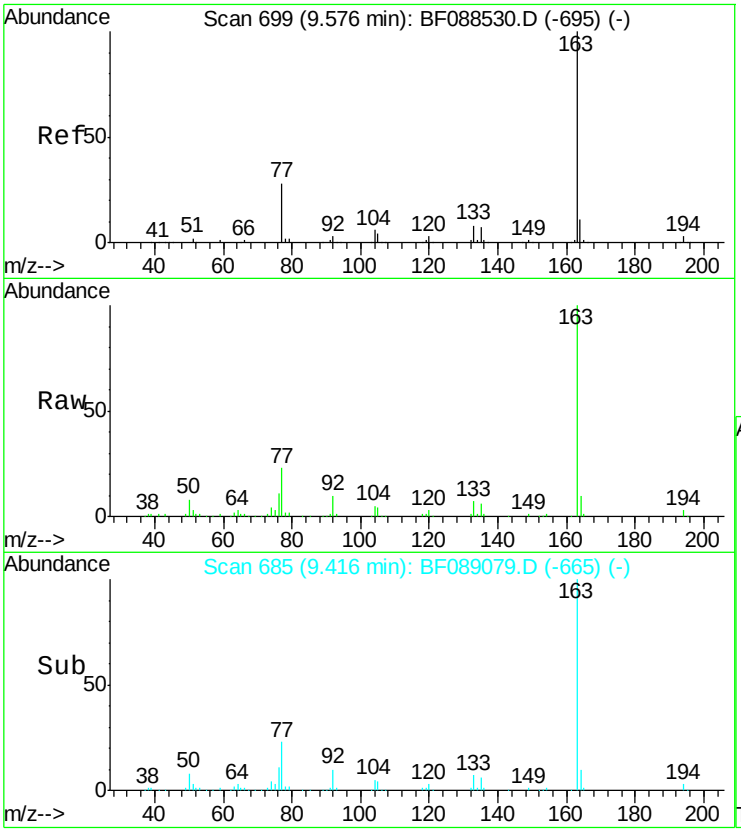


#44
2-Fluorobiphenyl
Concen: 74.77 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:172 Resp: 458675

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.5	19.2	28.8



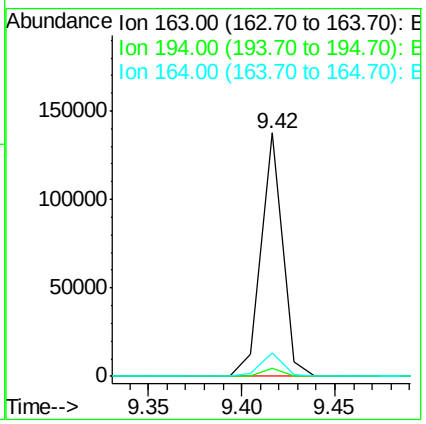


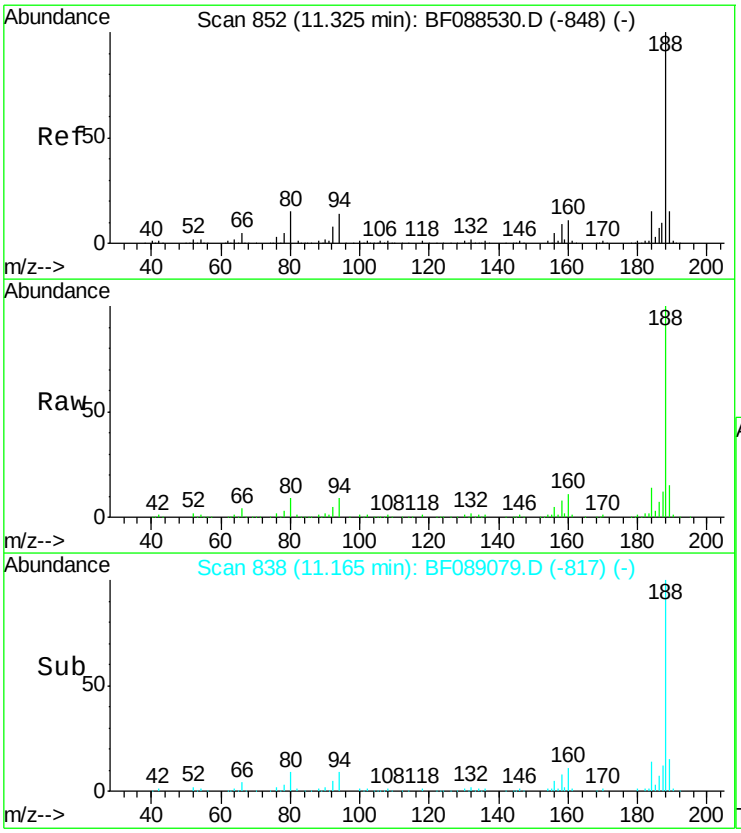
#49
Dimethylphthalate
Concen: 15.74 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.07 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:163 Resp: 108658

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	9.7	8.3	12.5

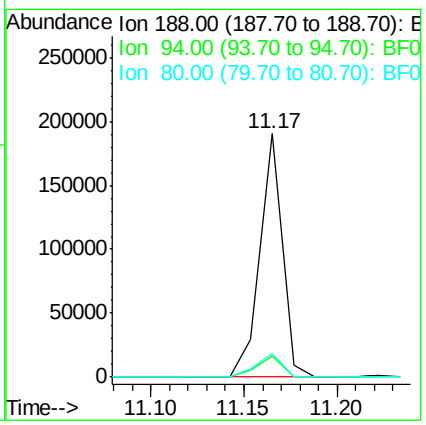


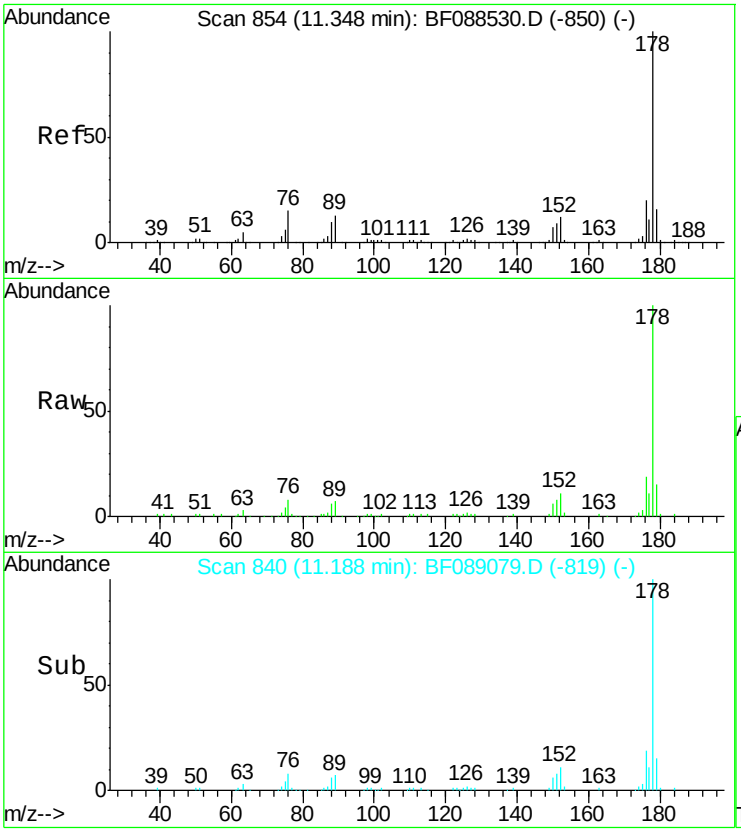


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 838
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:188 Resp: 157956

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.6#
80	9.4	10.0	15.0#



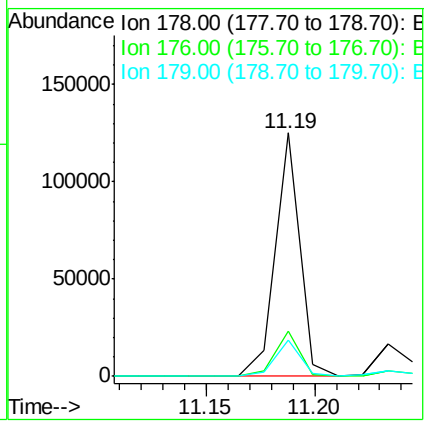


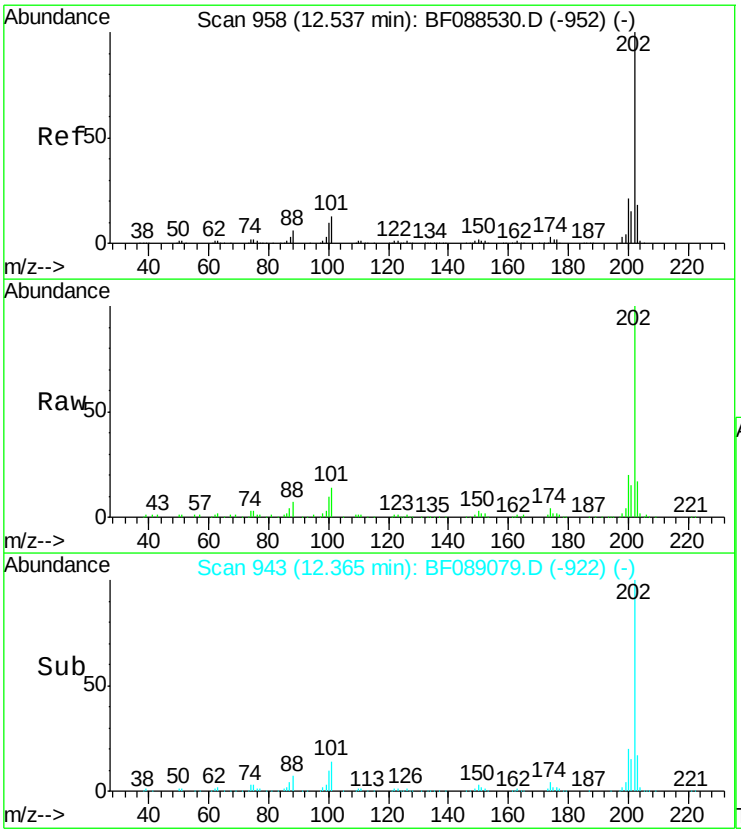
#70
Phenanthrene
Concen: 11.56 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:178 Resp: 99796

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	15.0	13.0	19.4

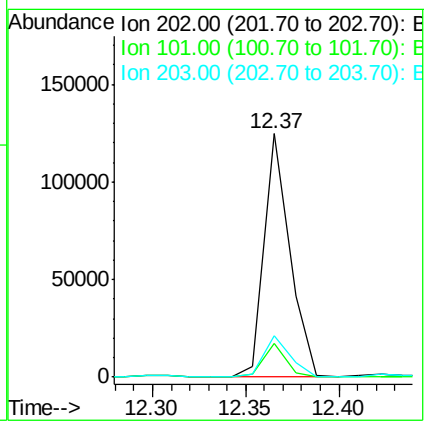


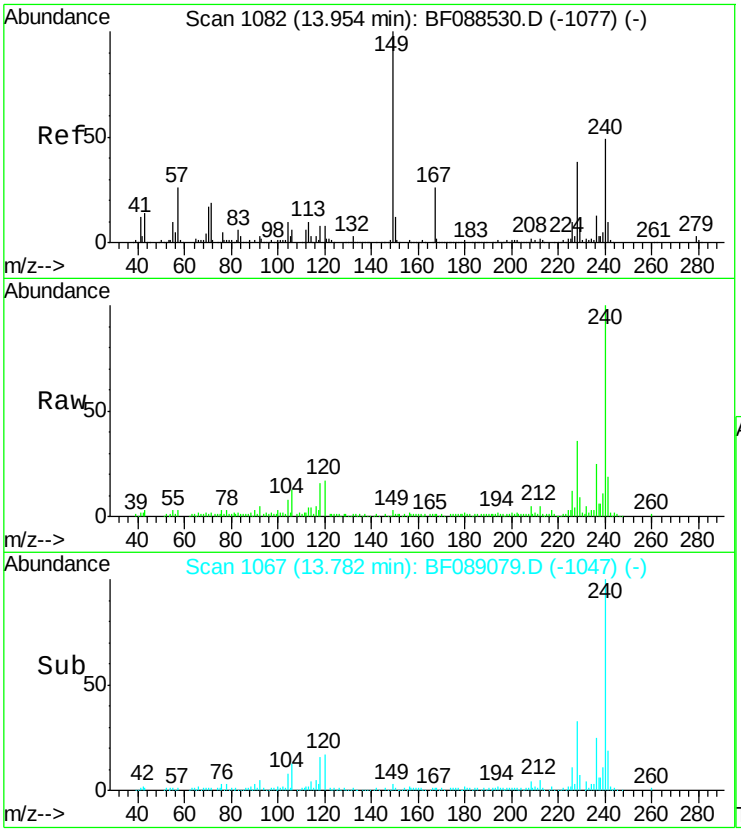


#74
Fluoranthene
Concen: 13.43 ng
RT: 12.37 min Scan# 943
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:202 Resp: 117556

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.1
203	17.2	0.0	38.1



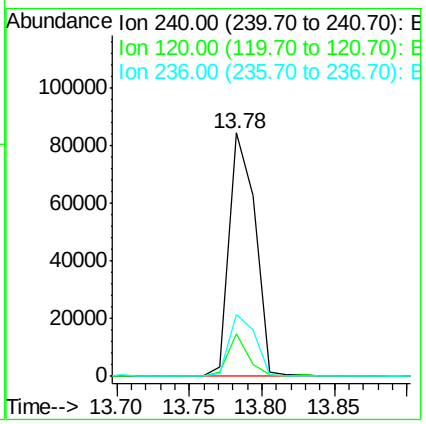


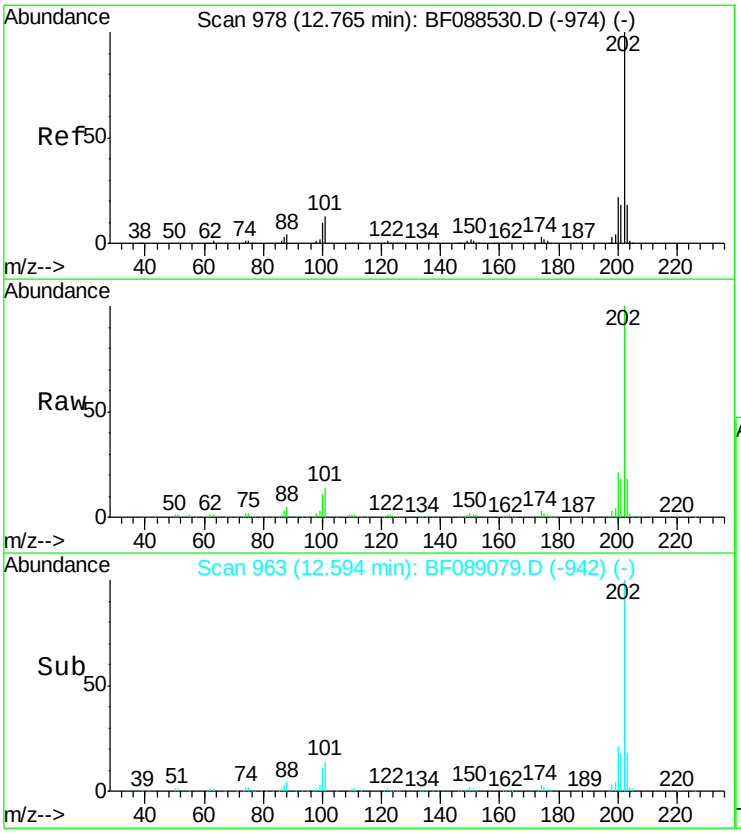
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1067
Delta R.T. -0.07 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:240 Resp: 104554

Ion	Ratio	Lower	Upper
240	100		
120	17.5	6.8	10.2#
236	25.2	20.2	30.2

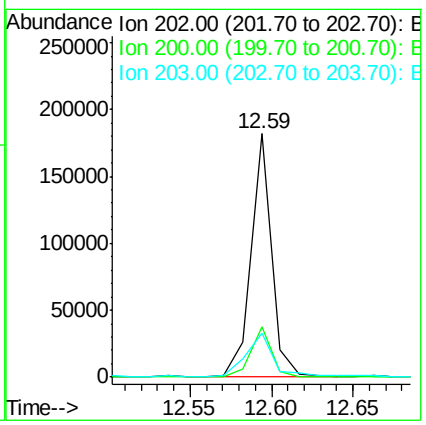


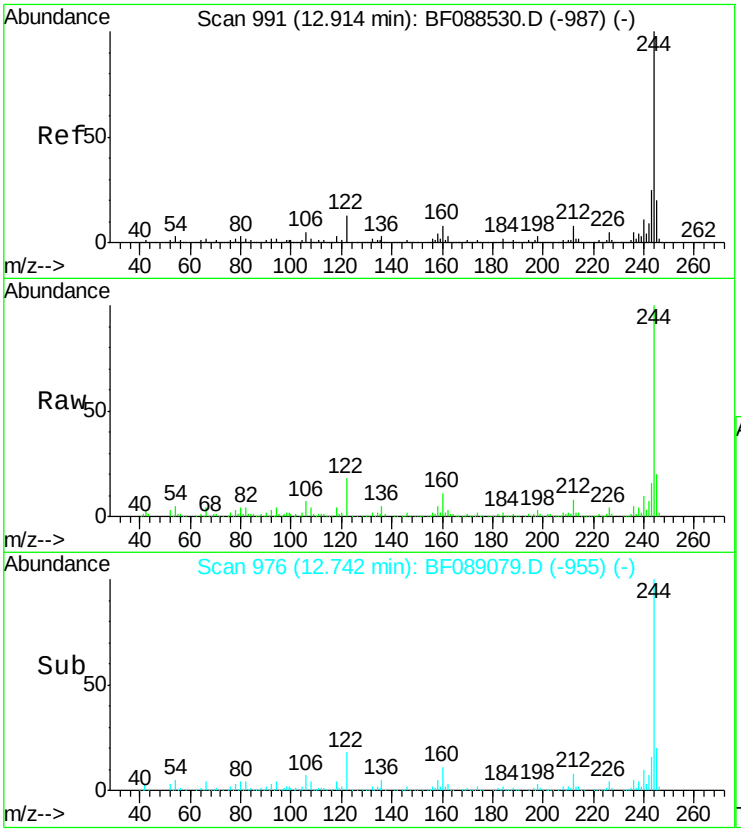


#77
Pyrene
Concen: 17.72 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:202 Resp: 157111

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.8	14.5	21.7



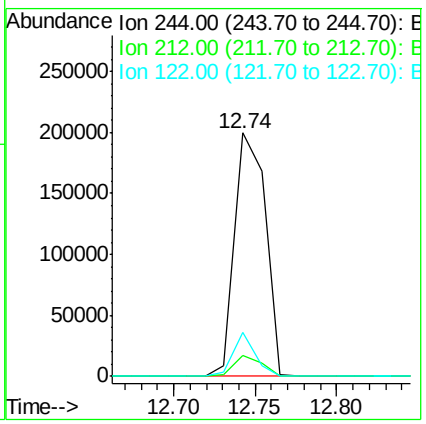


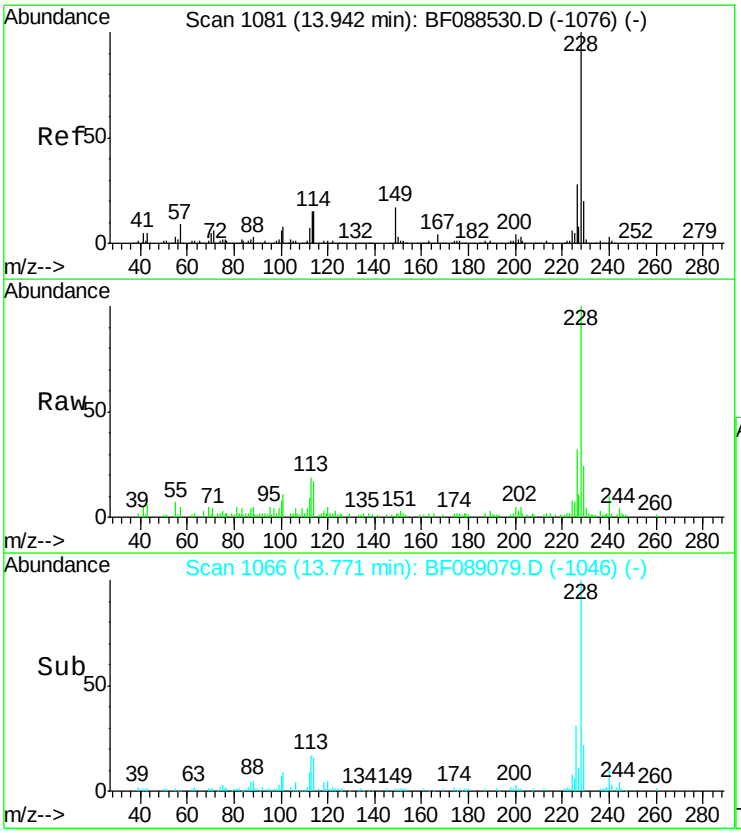
#78
Terphenyl-d14
Concen: 55.29 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:244 Resp: 259549

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	18.0	11.2	16.8#

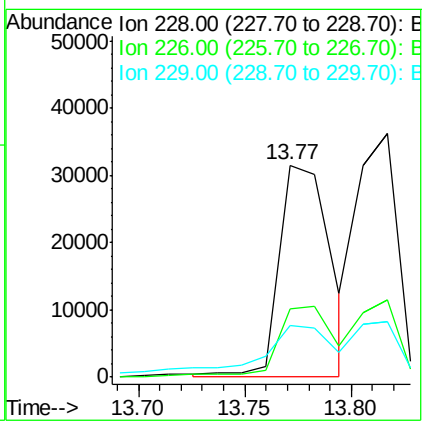


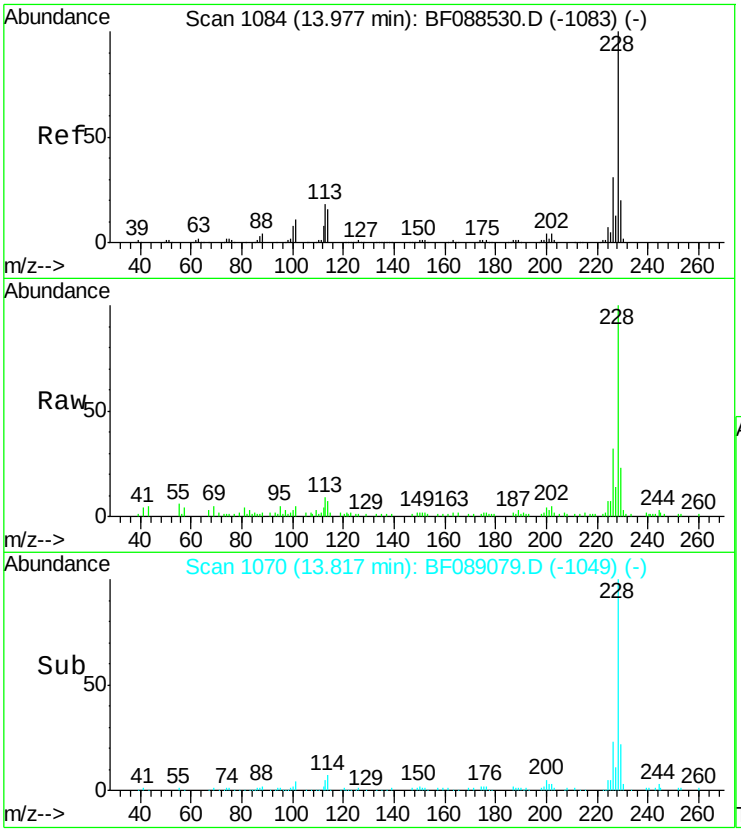


#80
Benzo(a)anthracene
Concen: 7.85 ng m
RT: 13.77 min Scan# 1066
Delta R.T. -0.07 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:228 Resp: 52871

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.3	33.5
229	24.2	16.0	24.0#



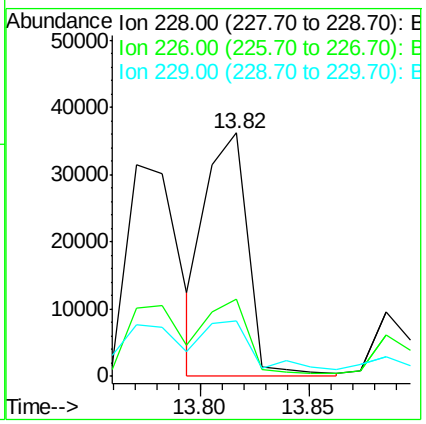


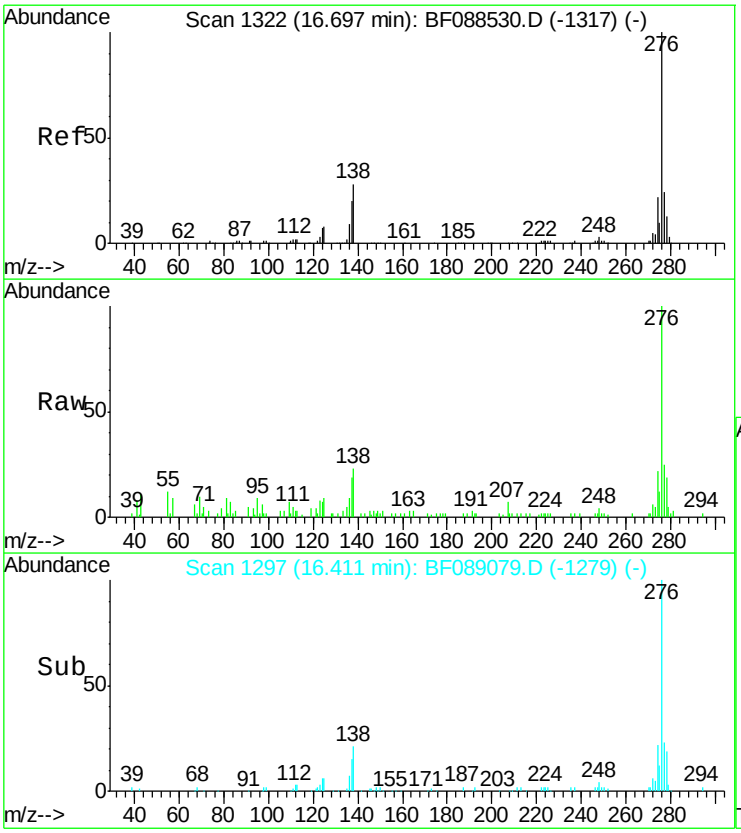
#82
Chrysene
Concen: 7.35 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:228 Resp: 48943

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.2
229	22.7	16.3	24.5

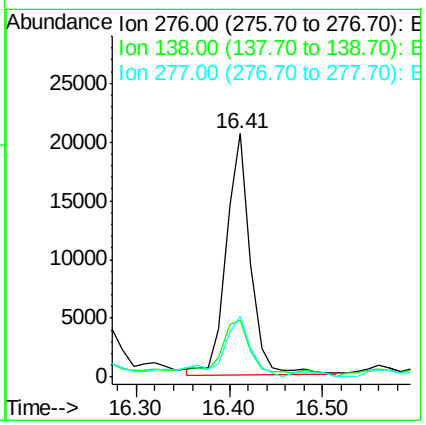


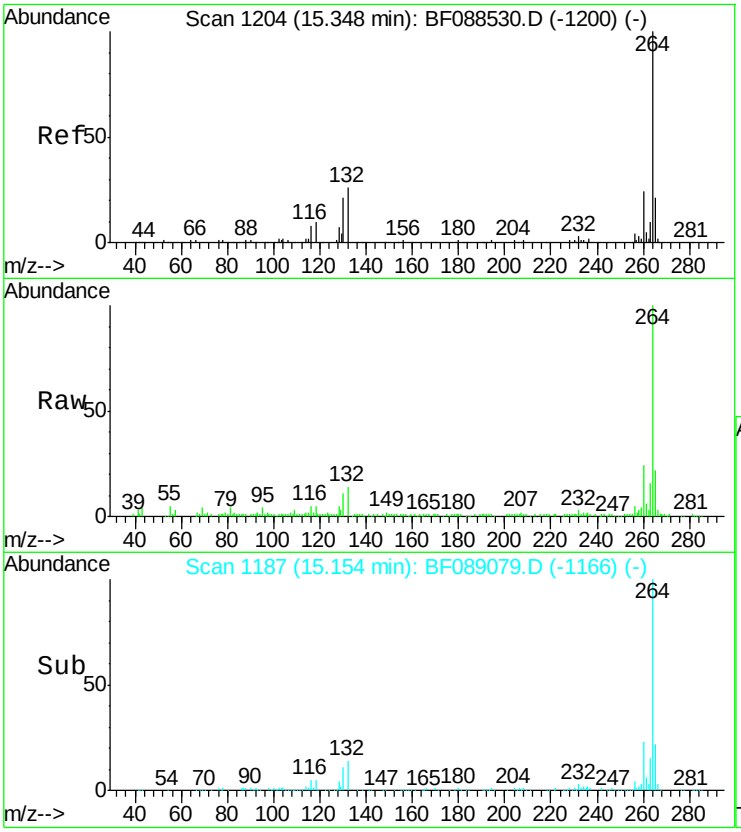


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.30 ng
RT: 16.41 min Scan# 1297
Delta R.T. -0.09 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:276 Resp: 37416

Ion	Ratio	Lower	Upper
276	100		
138	25.2	0.0	0.0#
277	33.0	0.0	0.0#



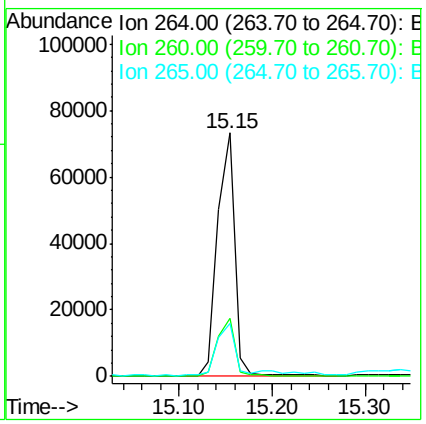


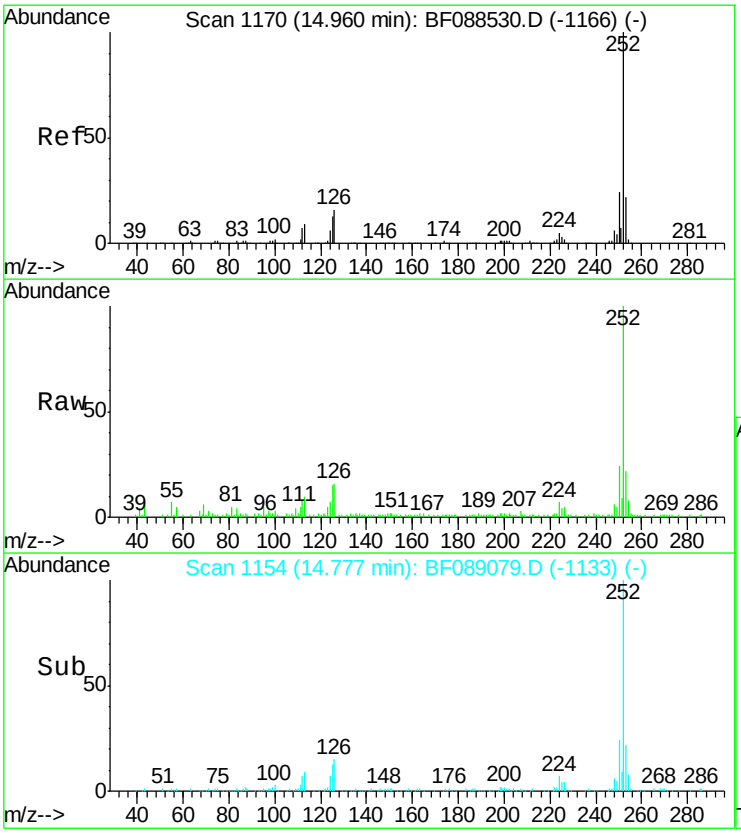
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:264 Resp: 93977

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3

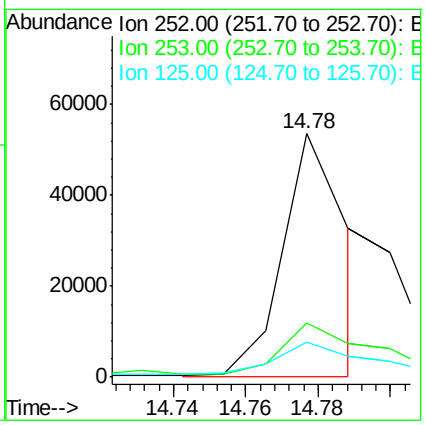


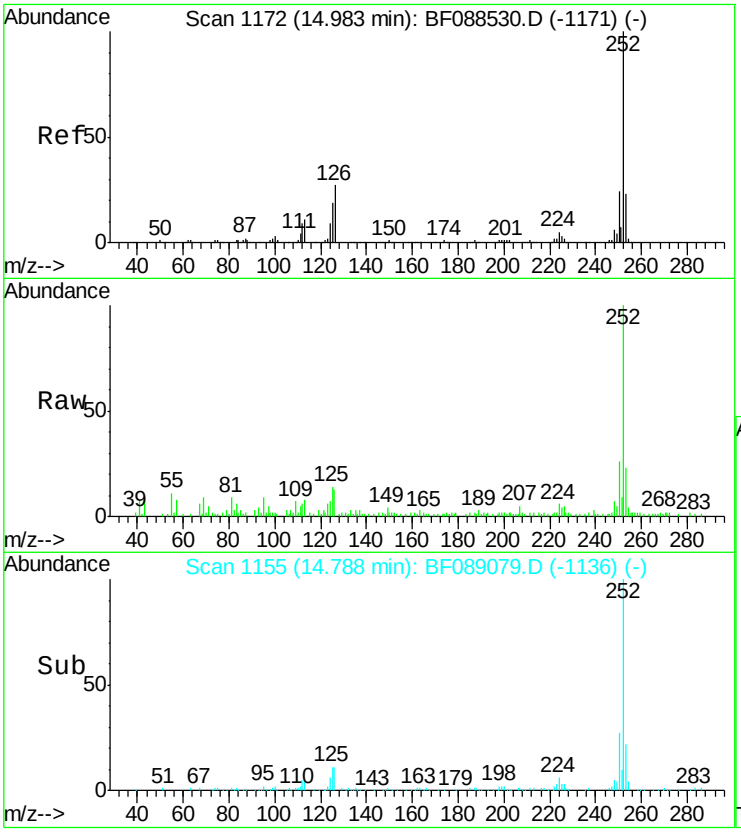


#87
Benzo(b)fluoranthene
Concen: 11.29 ng m
RT: 14.78 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:252 Resp: 66584

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	14.6	7.1	10.7#



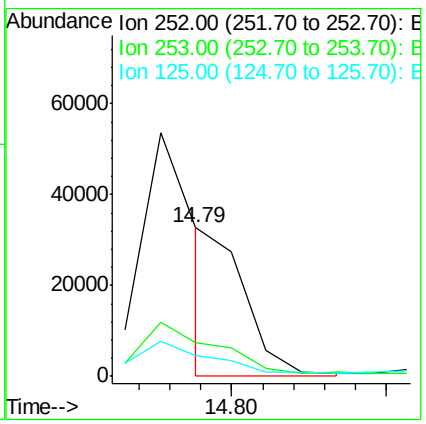


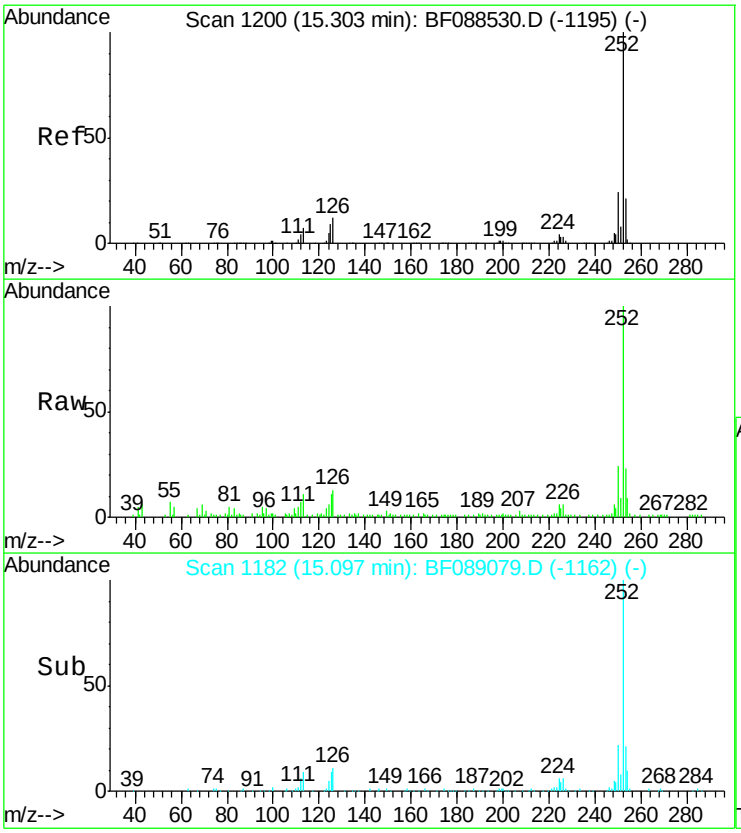
#88
Benzo(k)fluoranthene
Concen: 4.64 ng m
RT: 14.79 min Scan# 1155
Delta R.T. -0.08 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:252 Resp: 23799

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	13.6	11.2	16.8

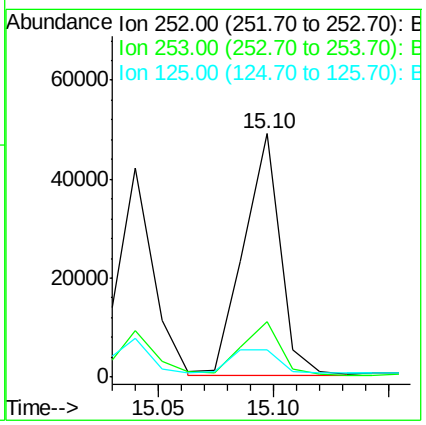


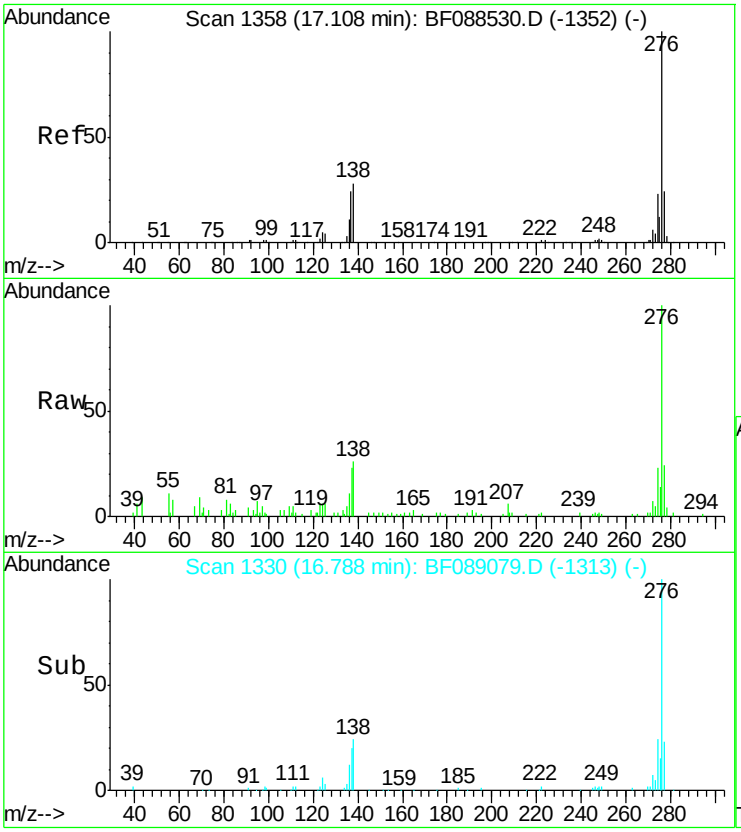


#89
Benzo(a)pyrene
Concen: 10.89 ng m
RT: 15.10 min Scan# 1182
Delta R.T. -0.07 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Tgt Ion:252 Resp: 54352

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.4	12.5	18.7#





#91
Benzo(g,h,i)perylene
Concen: 10.71 ng
RT: 16.79 min Scan# 1330
Delta R.T. -0.10 min
Lab File: BF089079.D
Acq: 17 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
C5-1

Tgt Ion:276 Resp: 46213

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	26.0	21.4	32.2