Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089098.D
Acq On : 18 Jul 2016 23:11
Operator : UM/SJ
Sample : H4046-27
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-5

Quant Time: Jul 19 05:00:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 03:29:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	47574	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	194180	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	72783	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	124734	20.00	ng		0.00
75) Chrysene-d12	13.77	240	93109	20.00	ng		0.00
86) Perylene-d12	15.13	264	69128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	312347	98.40	ng		0.02
7) Phenol-d6	6.30	99	376141	91.70	ng		0.00
23) Nitrobenzene-d5	7.21	82	243607	65.74	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	53810	79.62	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	362576	78.69	ng		0.00
78) Terphenyl-d14	12.73	244	259943	62.18	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.40	163	112711	21.74	ng		99
74) Fluoranthene	12.35	202	18161	2.63	ng		99
77) Pyrene	12.58	202	22450	2.84	ng		99
80) Benzo(a)anthracene	13.76	228	21737m	3.63	ng		
82) Chrysene	13.79	228	16476m	2.78	ng		
85) Indeno(1,2,3-cd)pyrene	16.39	276	10296	2.26	ng	#	100
87) Benzo(b)fluoranthene	14.77	252	27126m	6.26	ng		
88) Benzo(k)fluoranthene	14.78	252	10089m	2.67	ng		
89) Benzo(a)pyrene	15.07	252	16430	4.47	ng	#	89
91) Benzo(g,h,i)perylene	16.77	276	8717	2.75	ng		95

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

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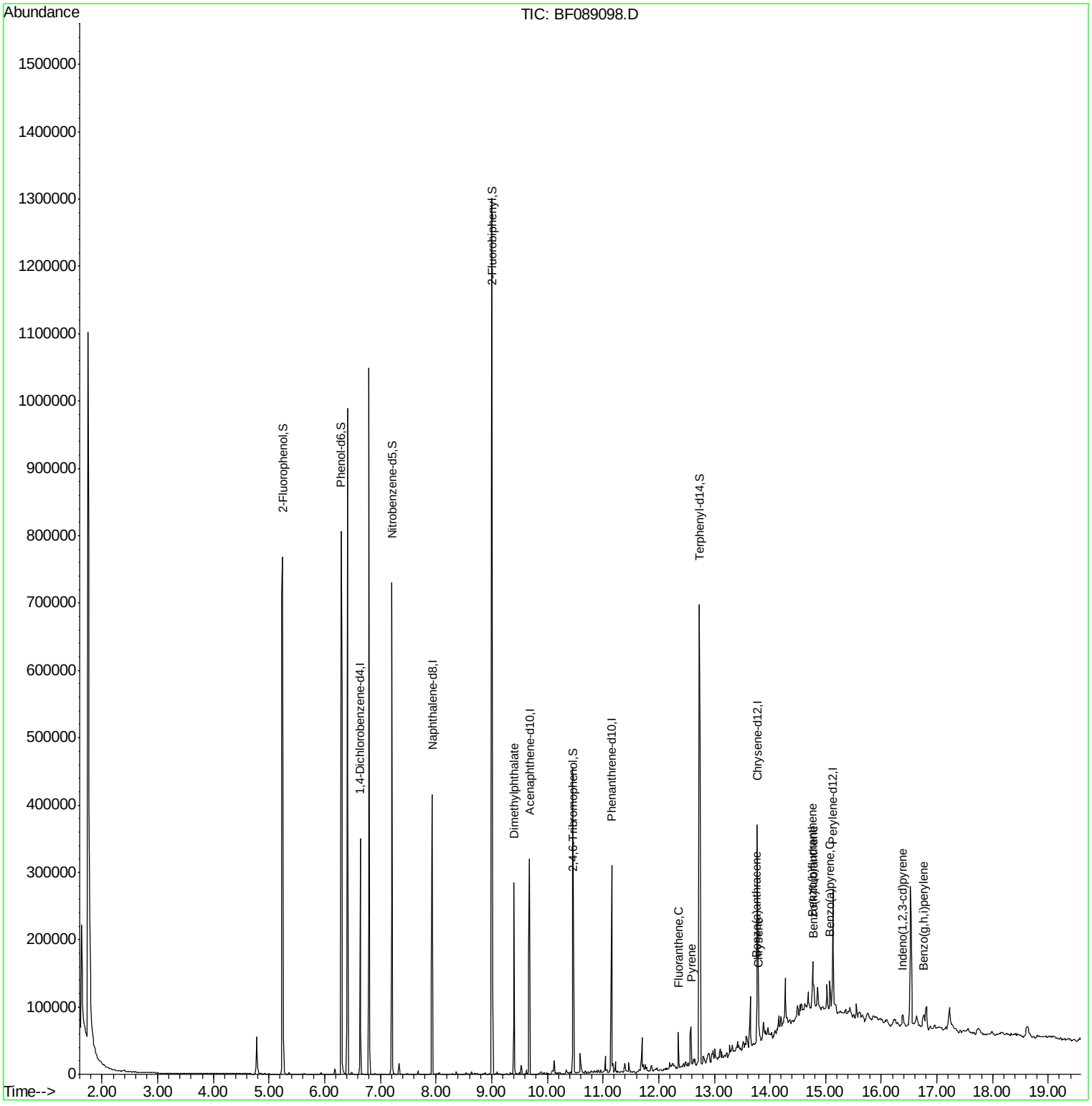
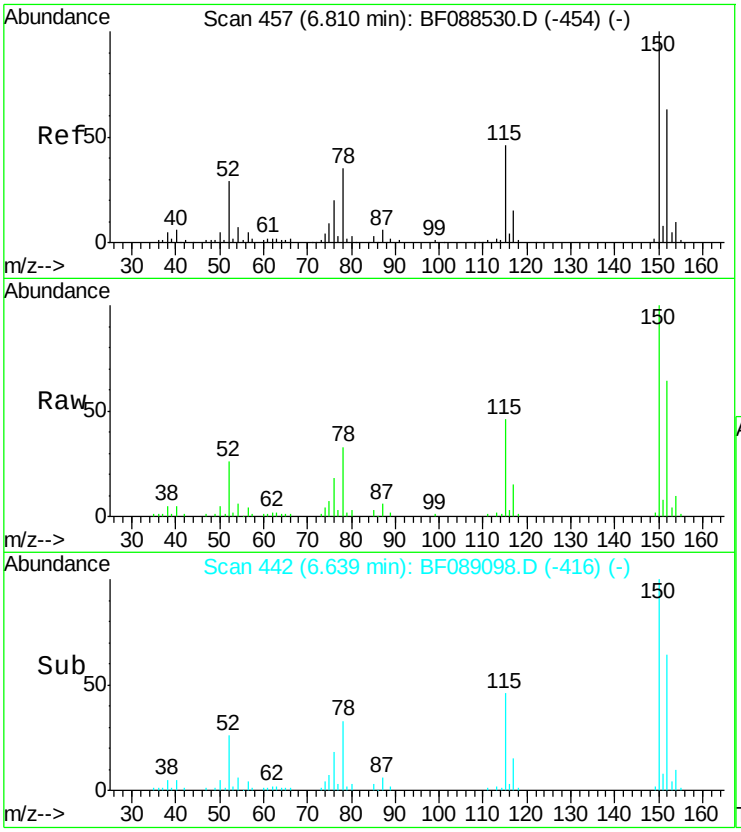


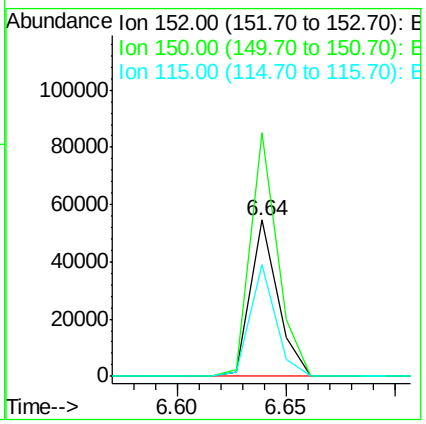


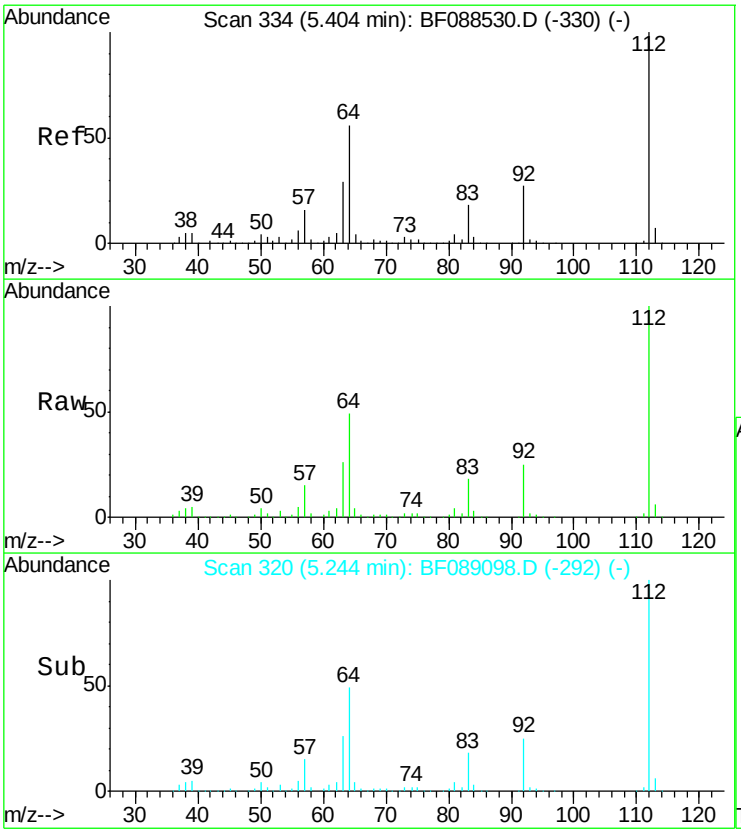
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:152 Resp: 47574

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	71.4	39.6	59.4#

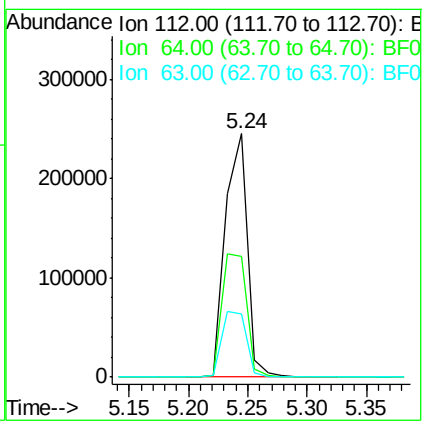


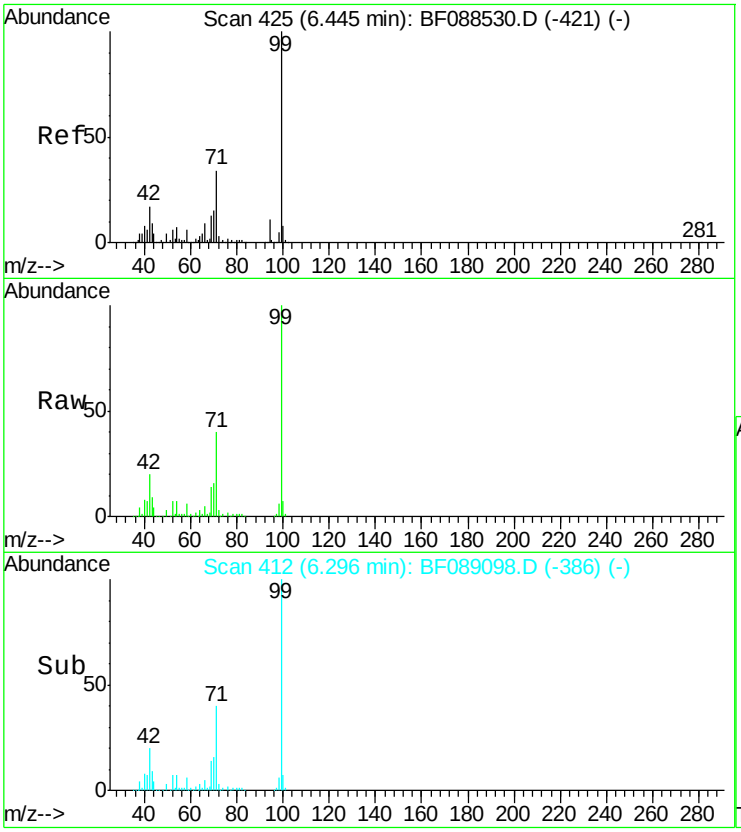


#5
2-Fluorophenol
Concen: 98.40 ng
RT: 5.24 min Scan# 320
Delta R.T. 0.02 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:112 Resp: 312347

Ion	Ratio	Lower	Upper
112	100		
64	49.4	42.2	63.2
63	26.0	21.8	32.8



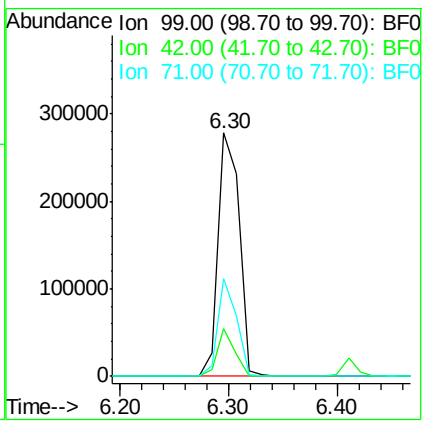


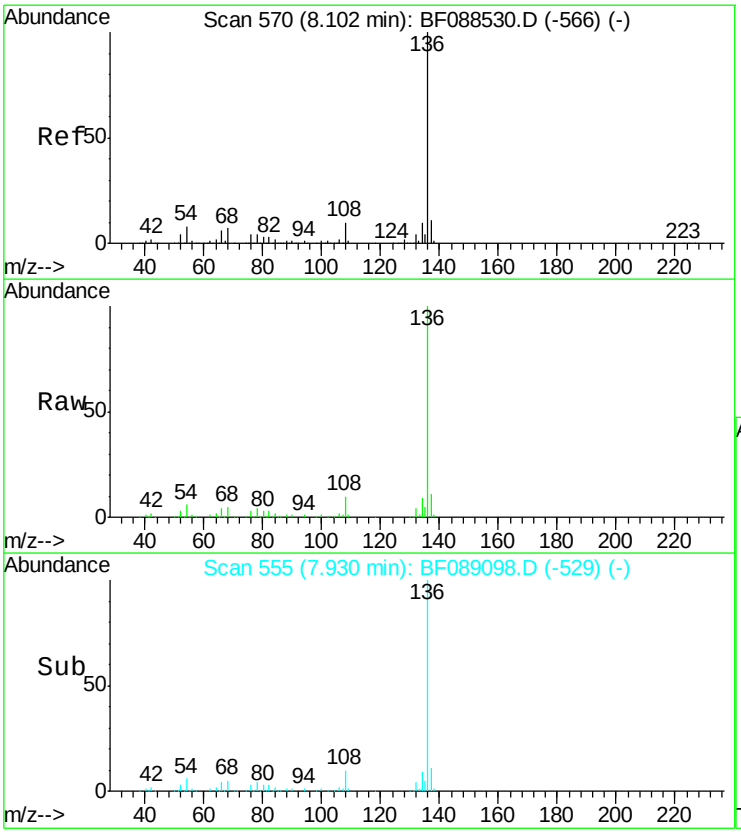
#7
Phenol-d6
Concen: 91.70 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion: 99 Resp: 376141

Ion	Ratio	Lower	Upper
99	100		
42	19.5	12.2	18.2#
71	40.2	23.4	35.0#

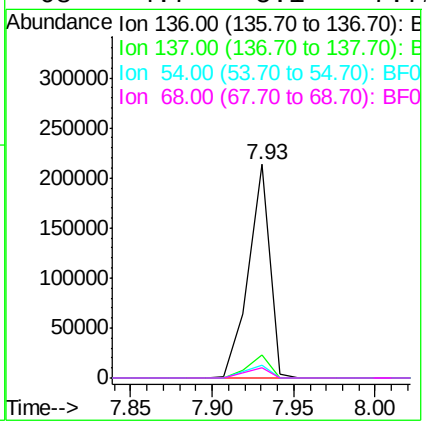


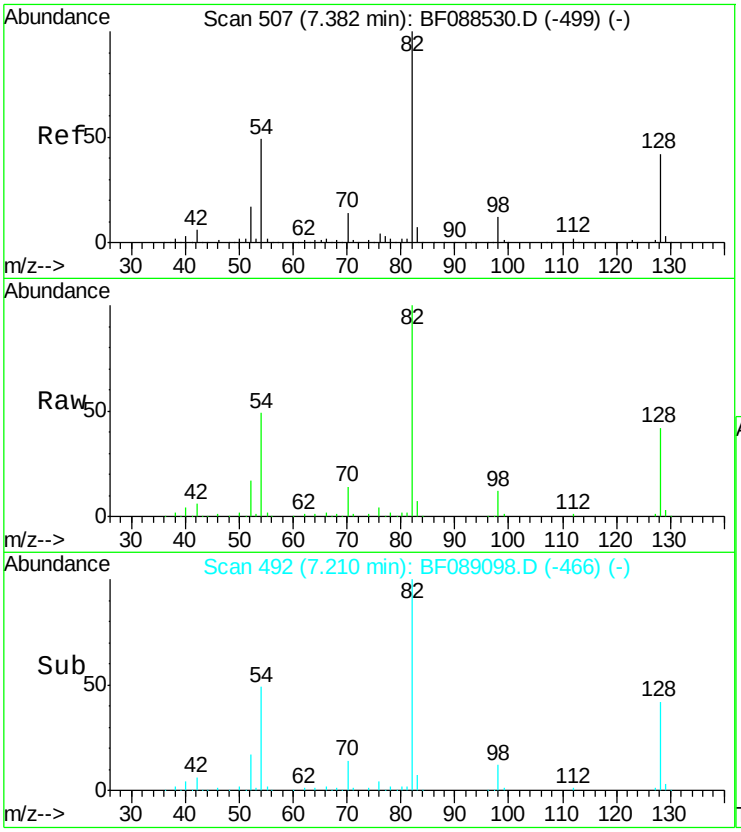


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:136 Resp: 194180

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	6.6	10.0#
68	4.7	5.1	7.7#



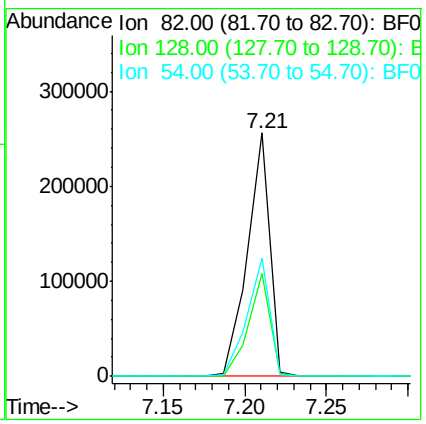


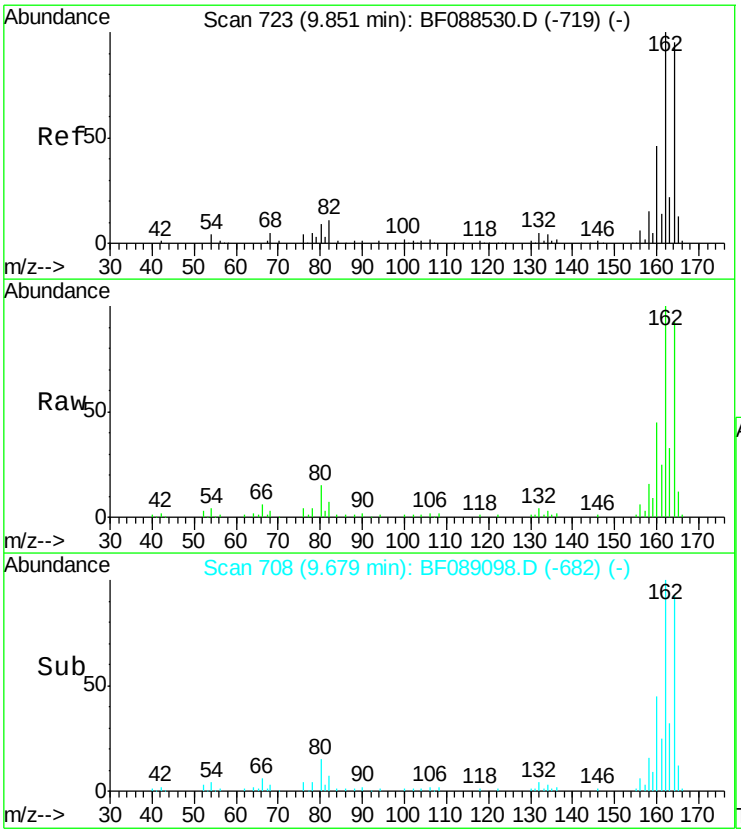
#23
Nitrobenzene-d5
Concen: 65.74 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion: 82 Resp: 243607

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.9	53.9
54	48.6	40.9	61.3

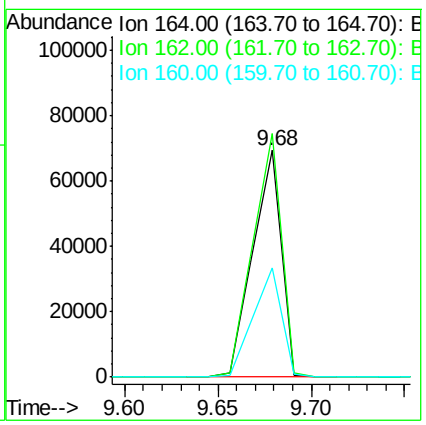


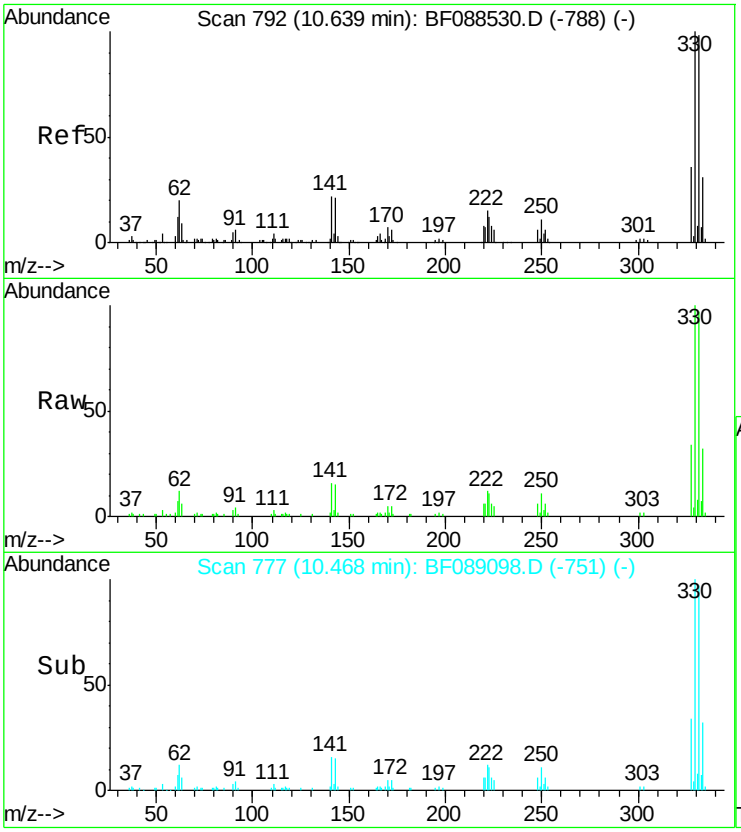


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:164 Resp: 72783

Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.4	128.2
160	48.4	39.5	59.3



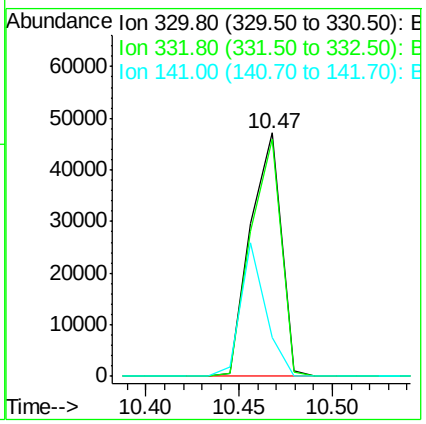


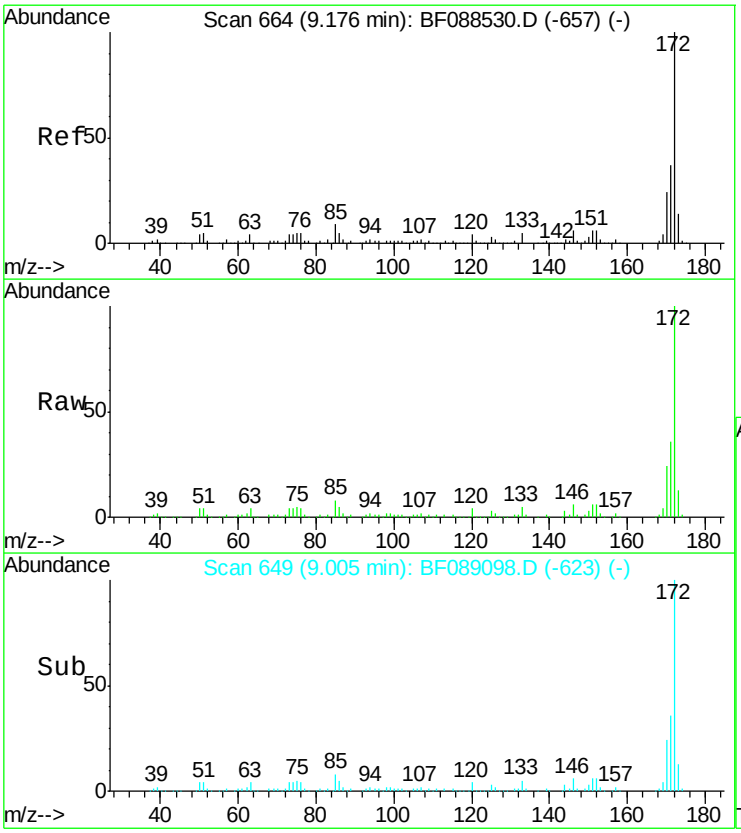
#41
2,4,6-Tribromophenol
Concen: 79.62 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:330 Resp: 53810

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	44.8	0.0	0.0#

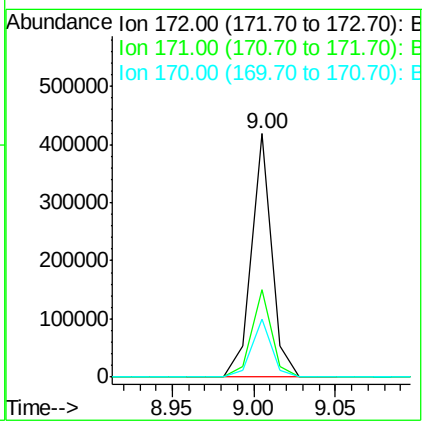


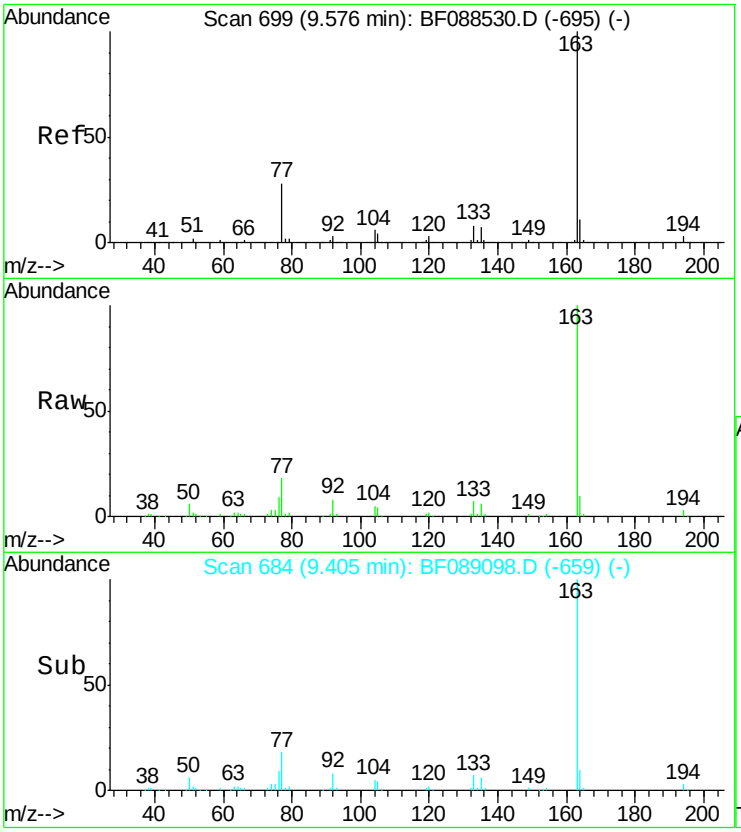


#44
2-Fluorobiphenyl
Concen: 78.69 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:172 Resp: 362576

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	19.2	28.8



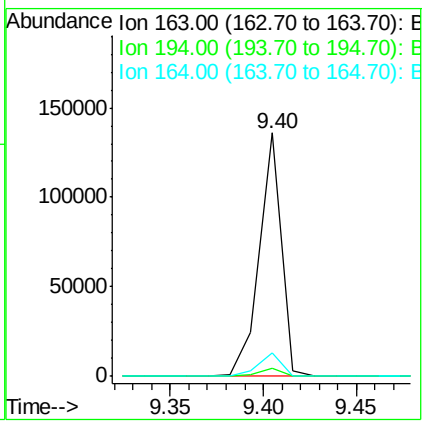


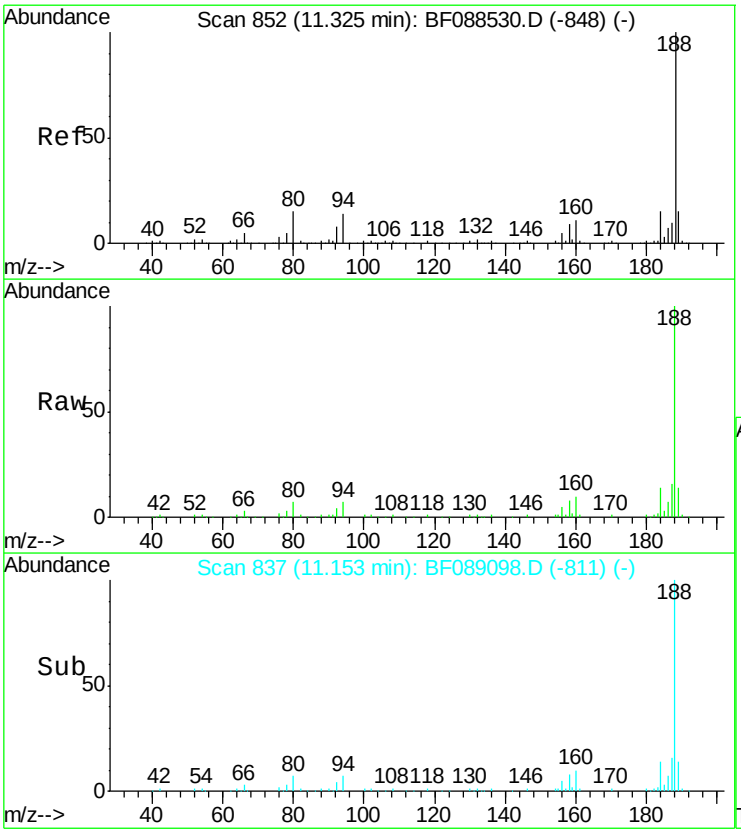
#49
Dimethylphthalate
Concen: 21.74 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:163 Resp: 112711

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5

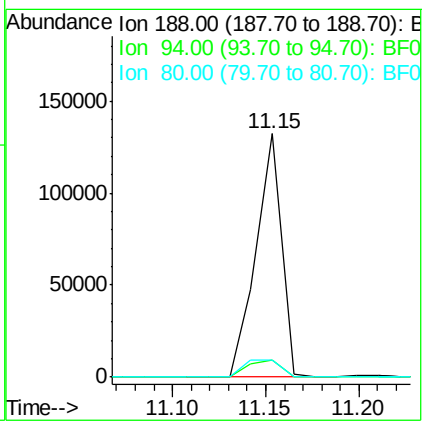


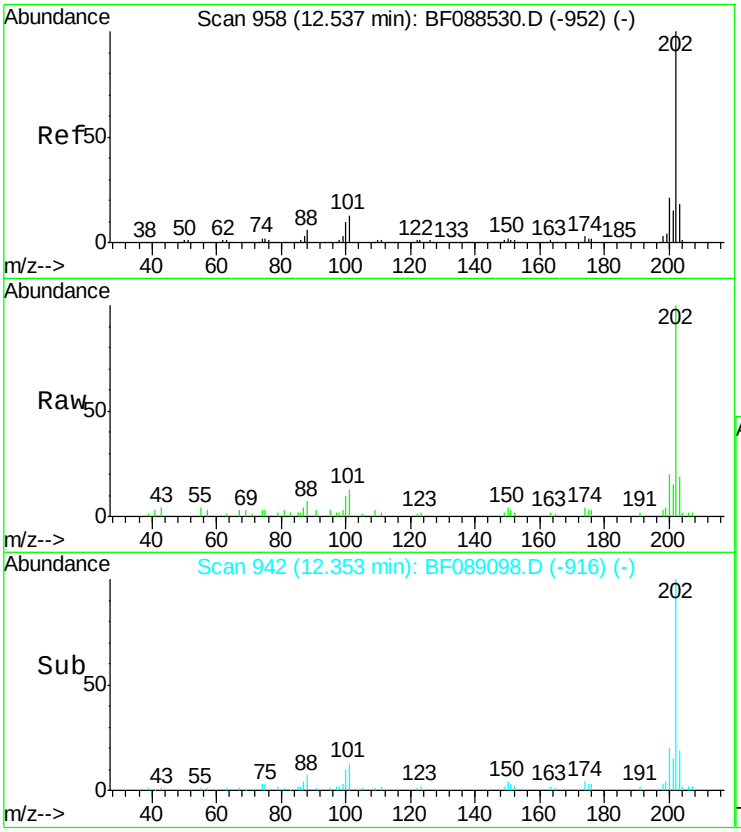


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:188 Resp: 124734

Ion	Ratio	Lower	Upper
188	100		
94	7.1	9.0	13.6#
80	6.8	10.0	15.0#



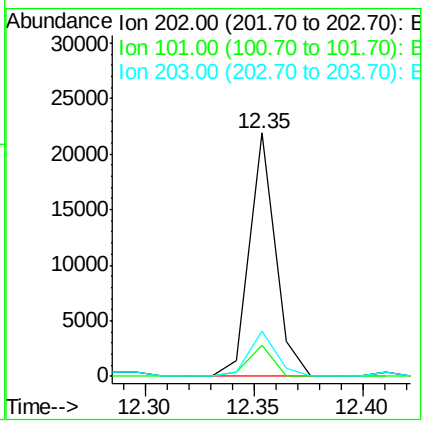


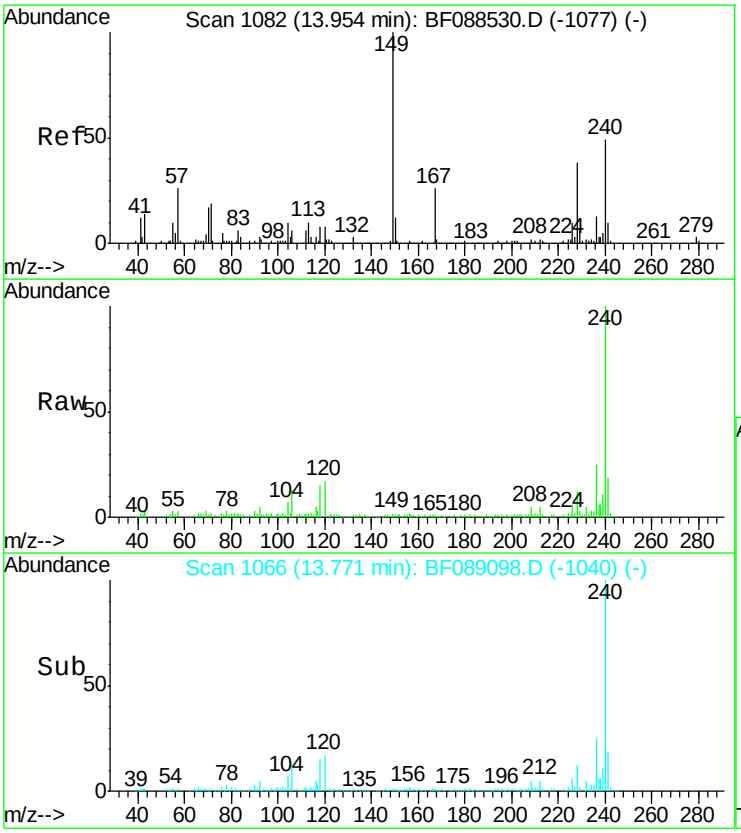
#74
Fluoranthene
Concen: 2.63 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:202 Resp: 18161

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.1
203	18.7	0.0	38.1

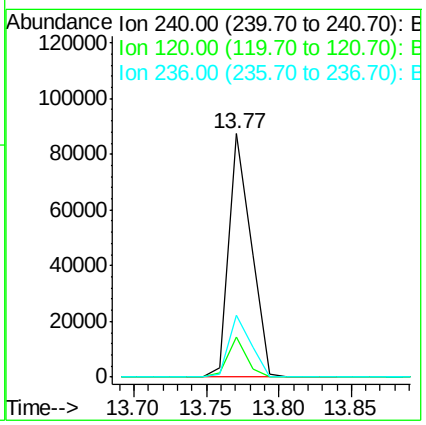


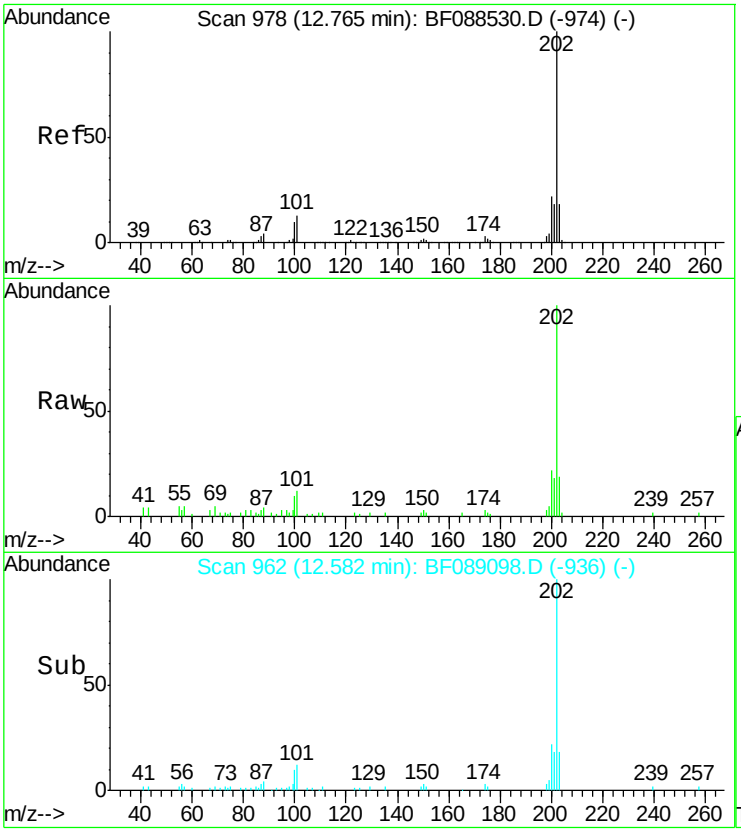


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:240 Resp: 93109

Ion	Ratio	Lower	Upper
240	100		
120	16.6	6.8	10.2#
236	25.2	20.2	30.2



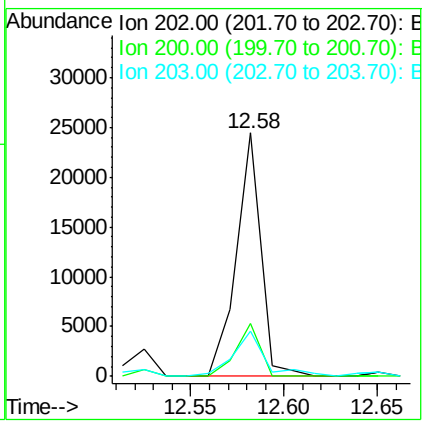


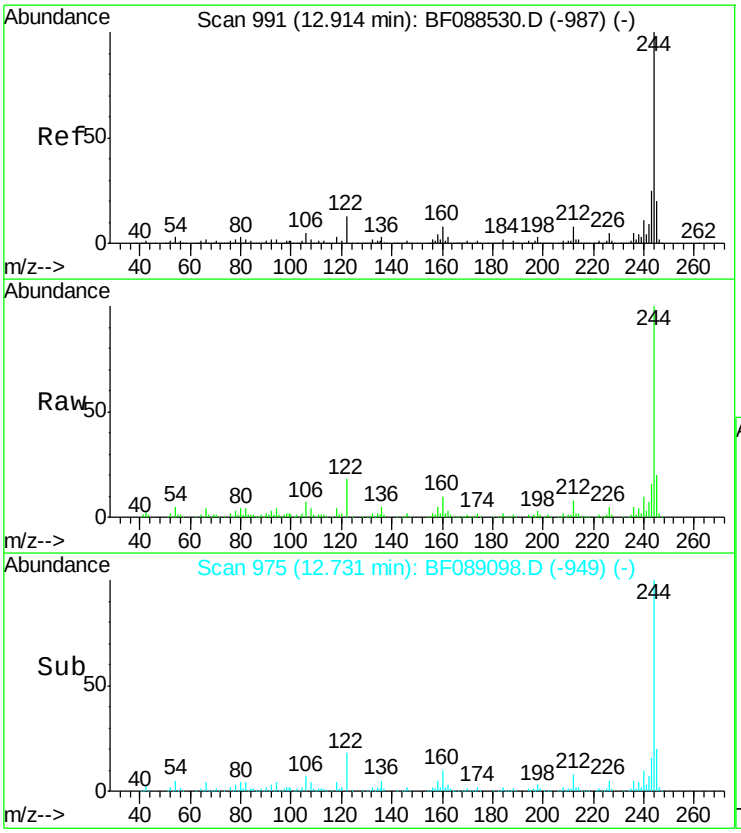
#77
Pyrene
Concen: 2.84 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:202 Resp: 22450

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.6	14.5	21.7

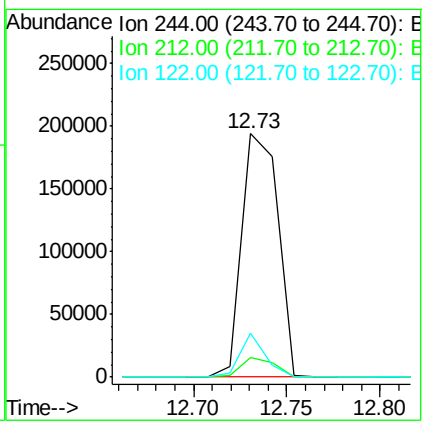


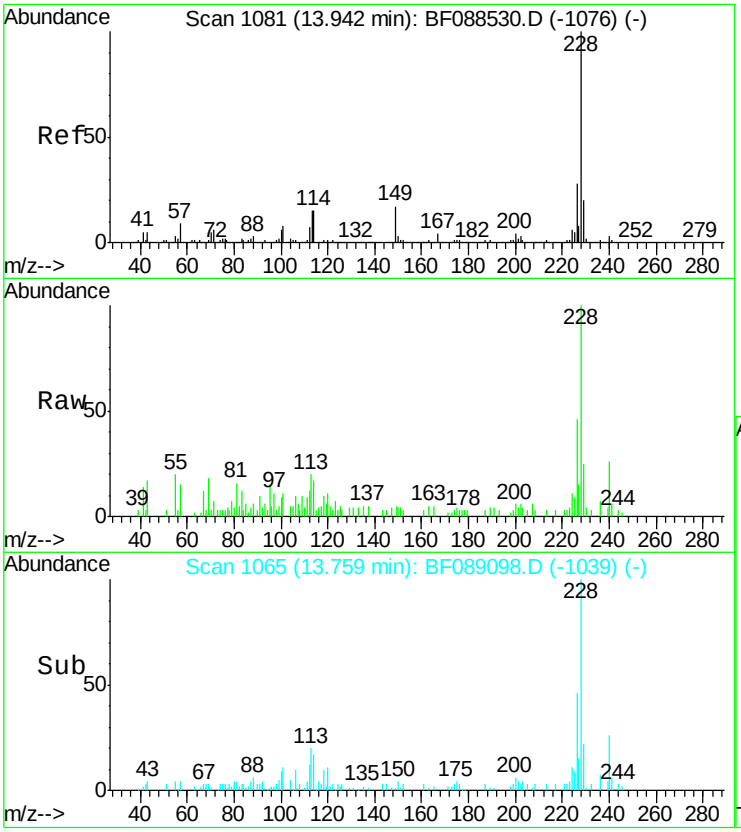


#78
Terphenyl-d14
Concen: 62.18 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:244 Resp: 259943

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	18.2	11.2	16.8#



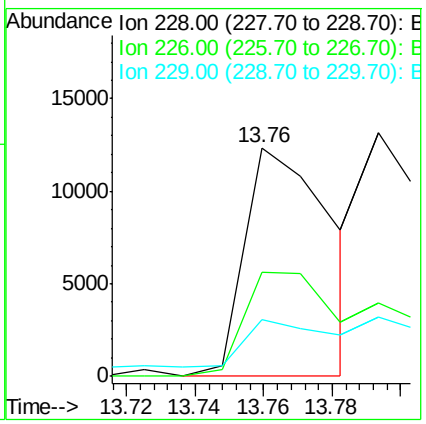


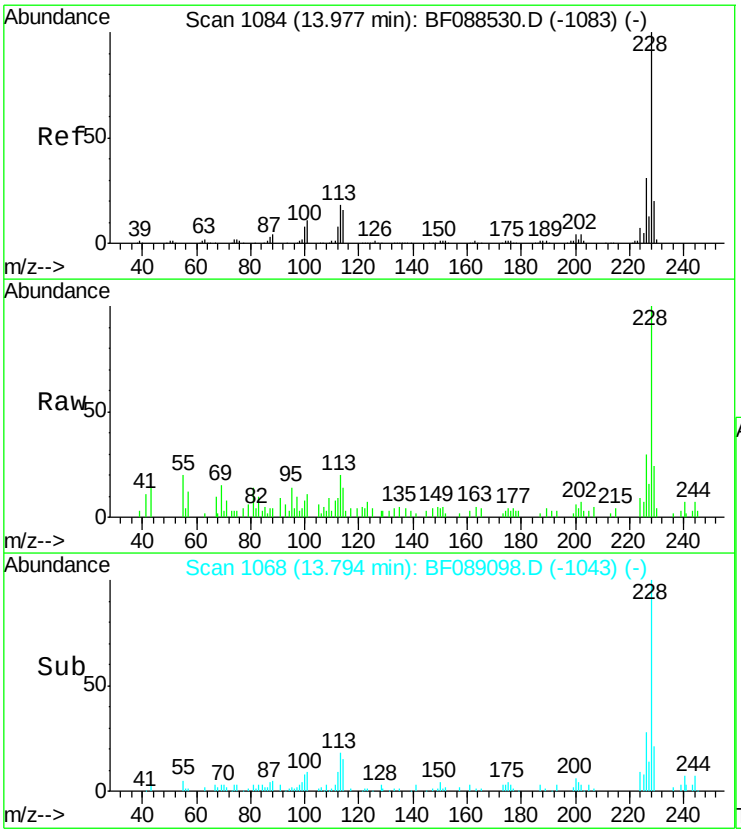
#80
Benzo(a)anthracene
Concen: 3.63 ng m
RT: 13.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:228 Resp: 21737

Ion	Ratio	Lower	Upper
228	100		
226	45.7	22.3	33.5#
229	25.0	16.0	24.0#

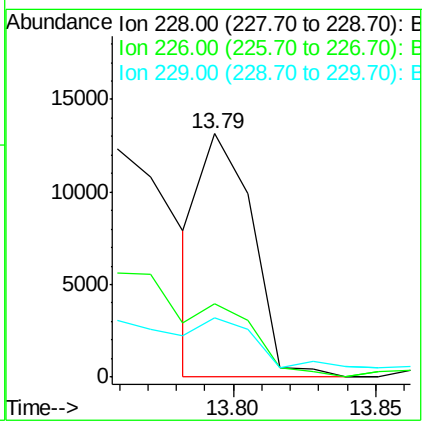


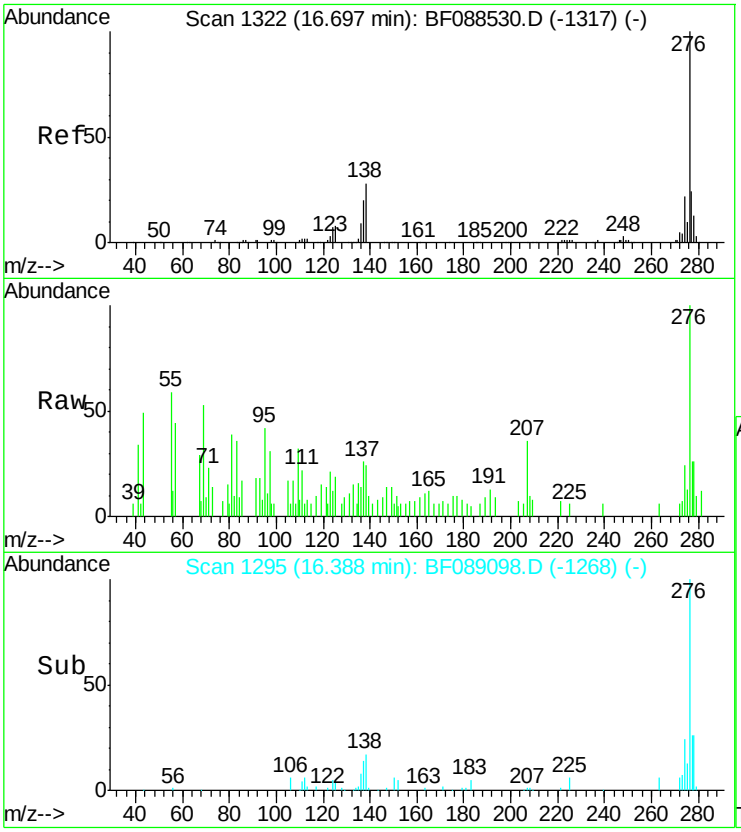


#82
Chrysene
Concen: 2.78 ng m
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:228 Resp: 16476

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	24.4	16.3	24.5



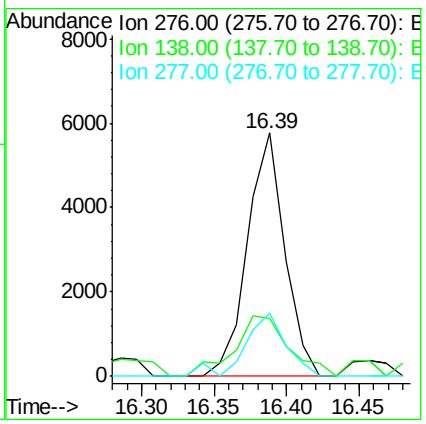


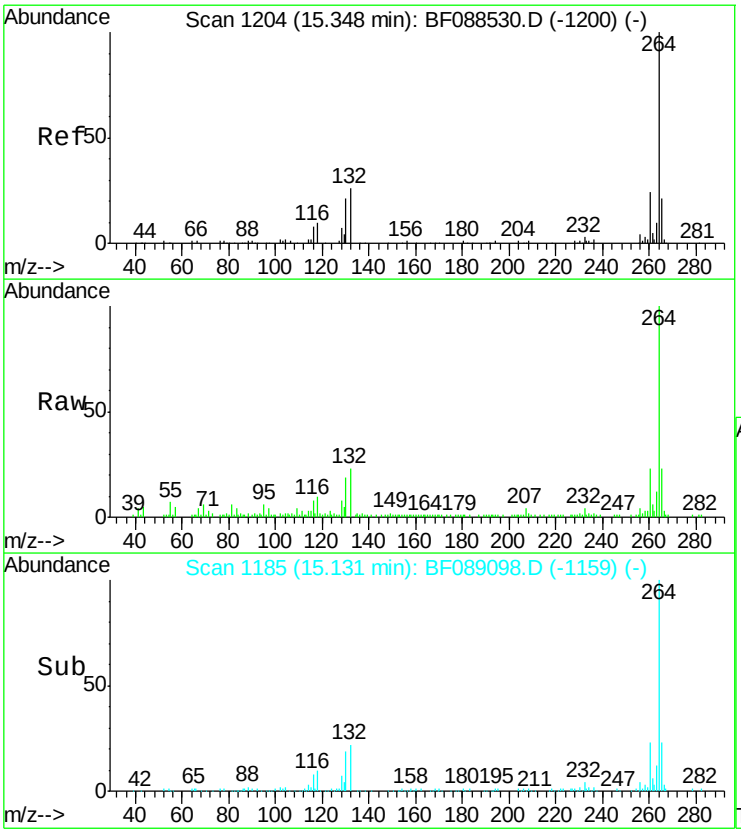
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.26 ng
RT: 16.39 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:276 Resp: 10296

Ion	Ratio	Lower	Upper
276	100		
138	36.6	0.0	0.0#
277	28.6	0.0	0.0#

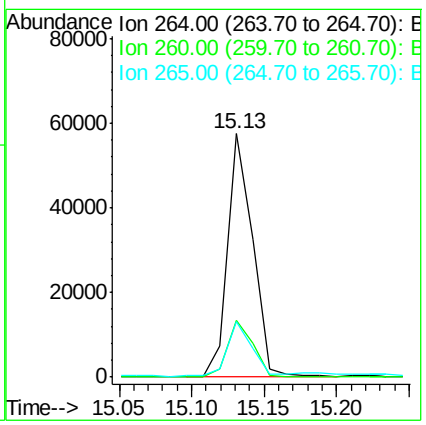


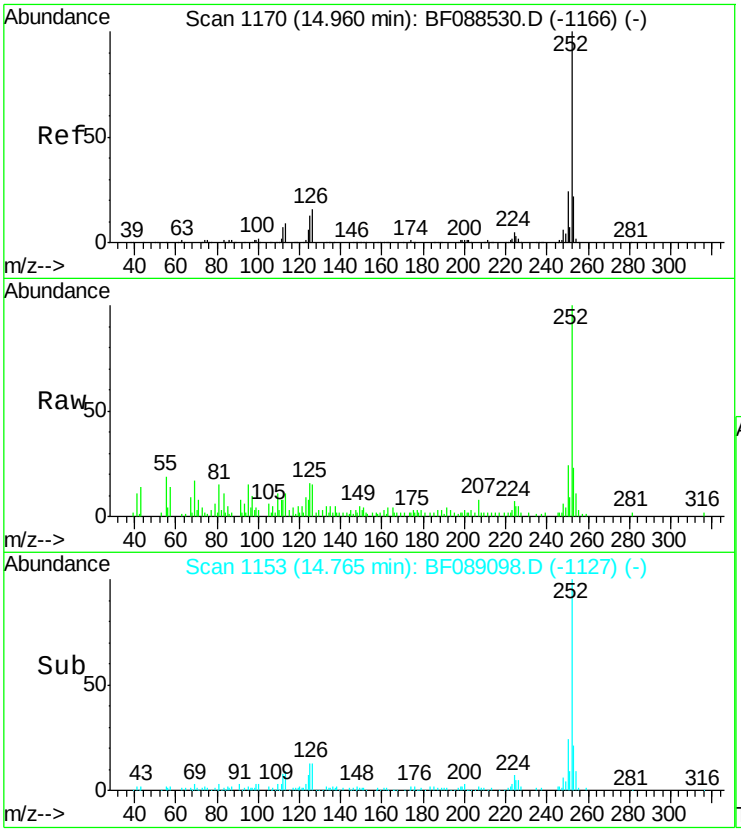


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:264 Resp: 69128

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.5	16.9	25.3



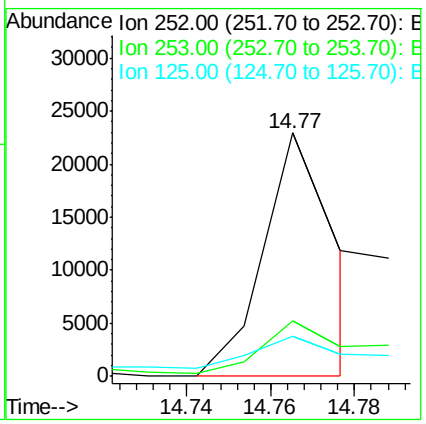


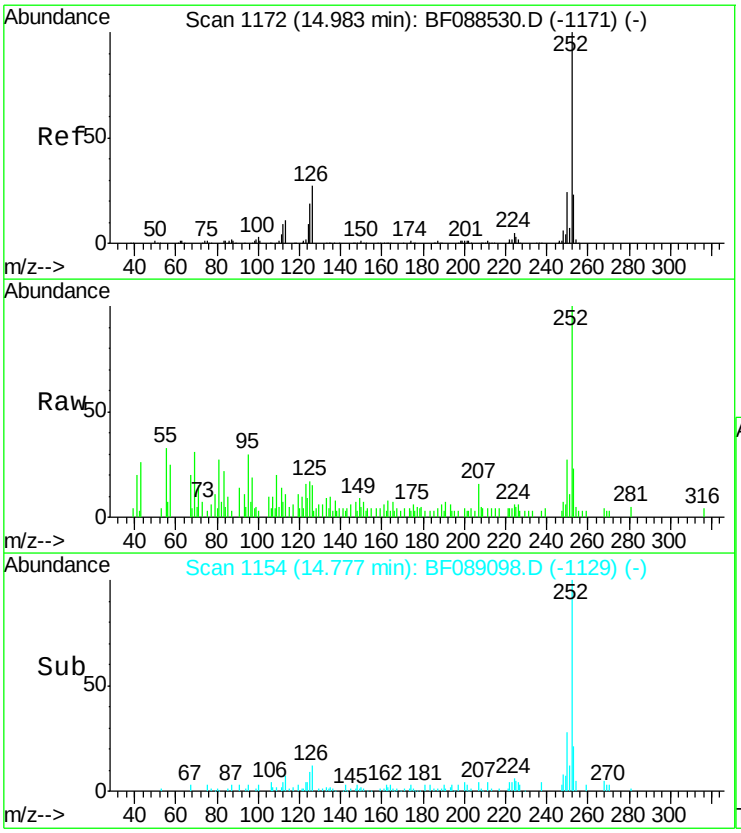
#87
Benzo(b)fluoranthene
Concen: 6.26 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:252 Resp: 27126

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	16.4	7.1	10.7#

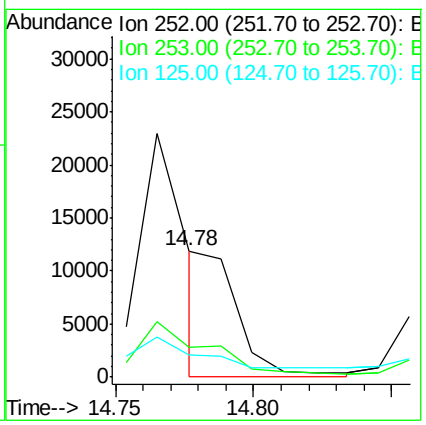


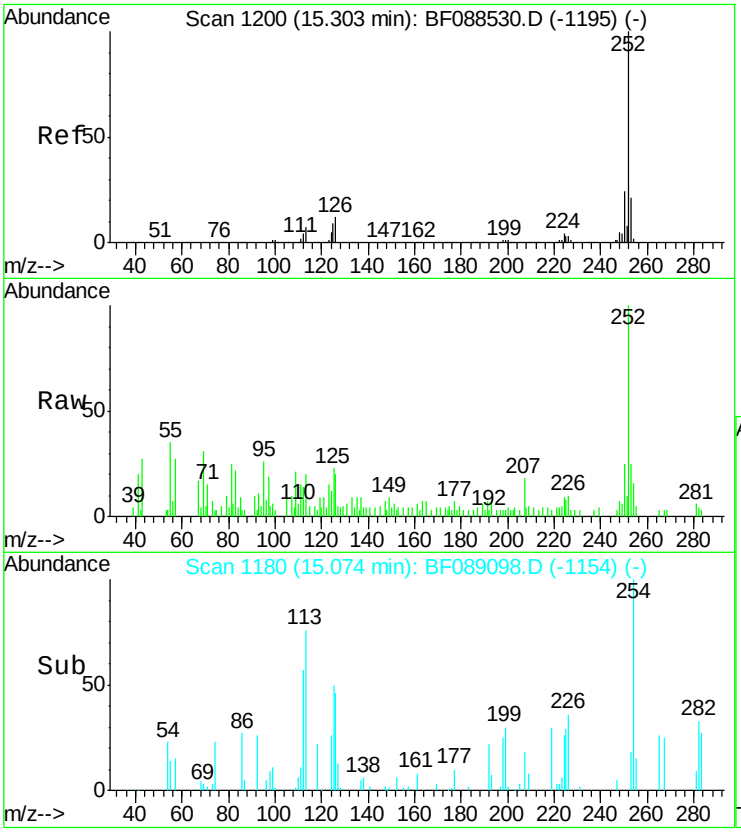


#88
Benzo(k)fluoranthene
Concen: 2.67 ng m
RT: 14.78 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:252 Resp: 10089

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	17.4	11.2	16.8#



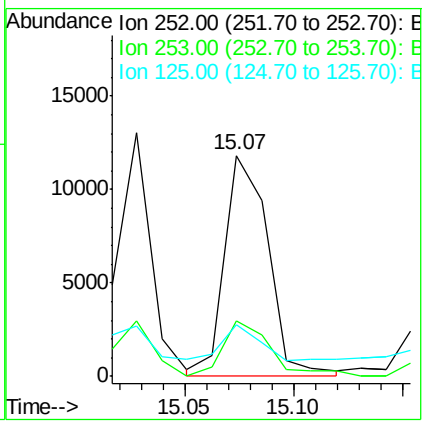


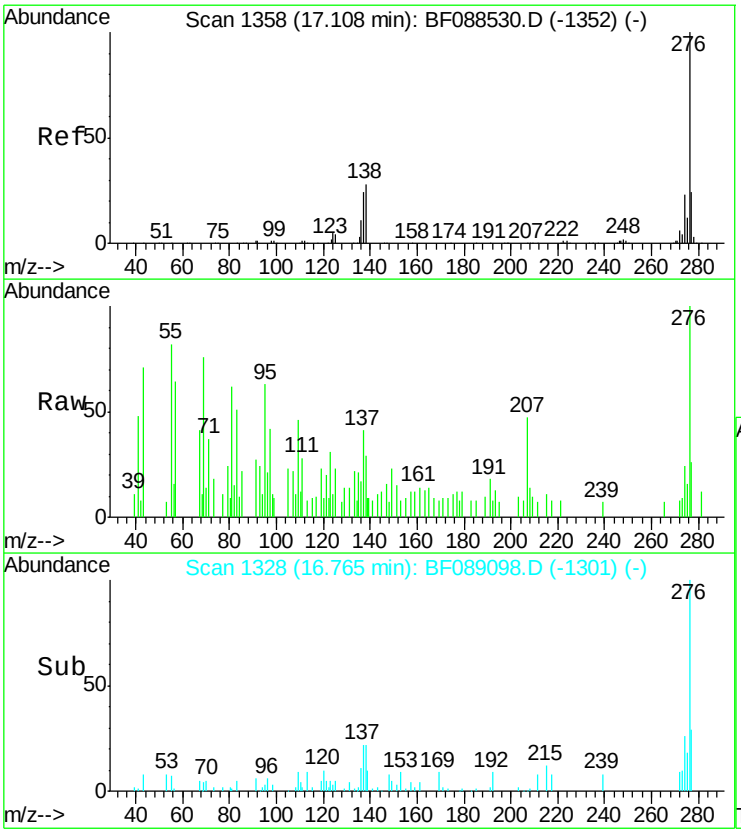
#89
Benzo(a)pyrene
Concen: 4.47 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:252 Resp: 16430

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	23.2	12.5	18.7#





#91
Benzo(g,h,i)perylene
Concen: 2.75 ng
RT: 16.77 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:276 Resp: 8717

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.9	28.3
138	28.7	21.4	32.2