Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089108.D
Acq On : 19 Jul 2016 5:06
Operator : UM/SJ
Sample : H4048-02RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Time: Jul 19 05:35:17 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	52748	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	208076	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	79878	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	138223	20.00	ng		0.00
75) Chrysene-d12	13.78	240	104077	20.00	ng		0.01
86) Perylene-d12	15.13	264	79321	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	287980	81.82	ng		0.01
7) Phenol-d6	6.30	99	334442	73.54	ng		0.00
23) Nitrobenzene-d5	7.21	82	246523	62.09	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	53410	72.01	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	366592	72.49	ng		0.00
78) Terphenyl-d14	12.73	244	268068	57.37	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	33528	10.98	ng	#	73
25) Isophorone	7.21	82	180583	24.55	ng	#	65
49) Dimethylphthalate	9.40	163	199640	35.08	ng		99
56) 2,4-Dinitrotoluene	9.68	165	10170	6.17	ng	#	36
66) 4-Bromophenyl-phenylether	10.46	248	4130	2.96	ng	#	1
70) Phenanthrene	11.18	178	163477	21.64	ng		98
71) Anthracene	11.22	178	42556	5.66	ng		98
74) Fluoranthene	12.35	202	253227	33.06	ng		97
77) Pyrene	12.58	202	224766	25.47	ng		99
79) Butylbenzylphthalate	13.21	149	33286	8.46	ng	#	82
80) Benzo(a)anthracene	13.77	228	107687	16.07	ng		98
82) Chrysene	13.77	228	107687	16.24	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	9921	2.21	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.39	276	36010	7.06	ng	#	100
87) Benzo(b)fluoranthene	14.77	252	124435	25.01	ng	#	91
88) Benzo(k)fluoranthene	14.77	252	124435	28.73	ng		96
89) Benzo(a)pyrene	15.03	252	43537	10.33	ng		98
91) Benzo(g,h,i)perylene	16.77	276	33528	9.21	ng		96

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

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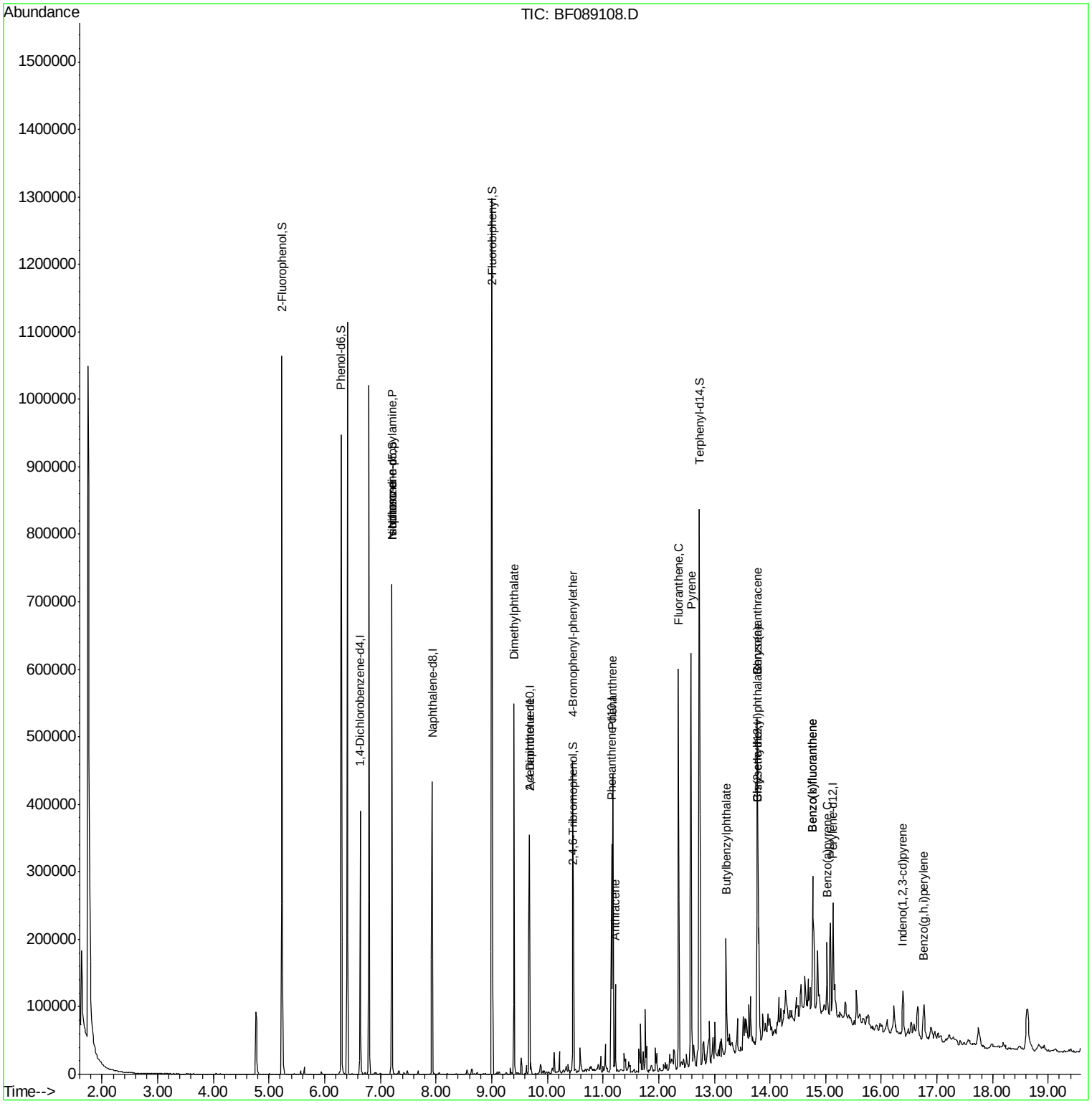
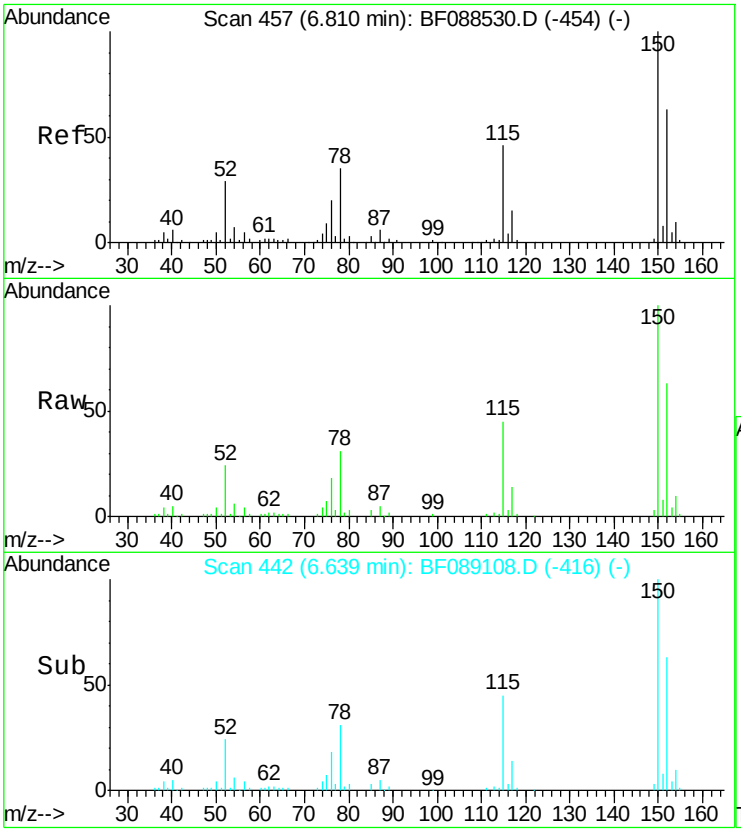


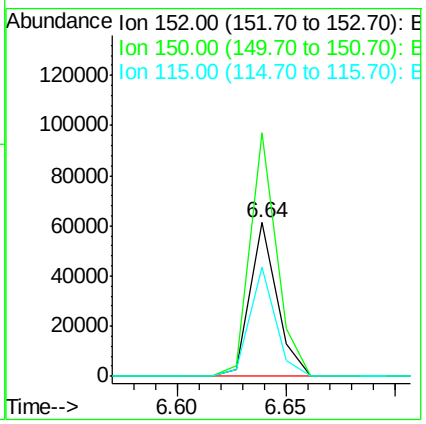


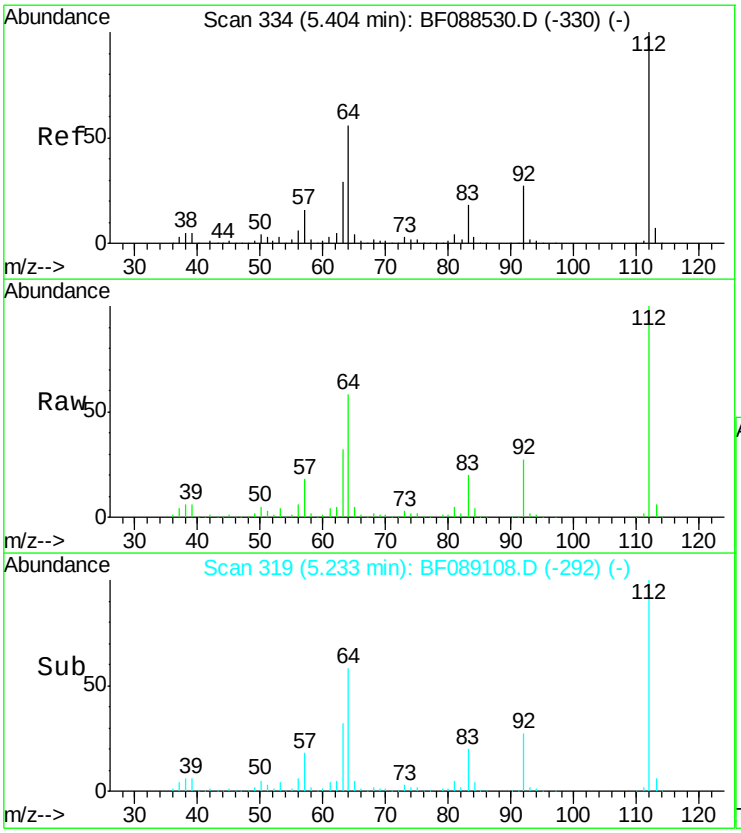
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:152 Resp: 52748

Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.8	185.6
115	71.3	39.6	59.4#

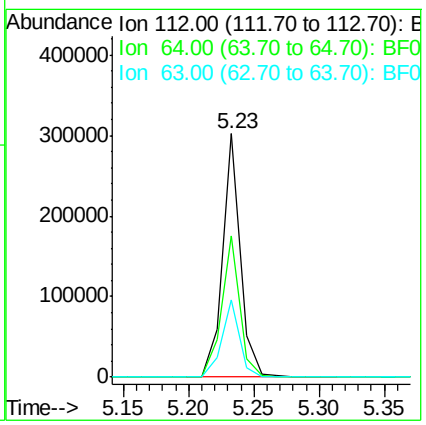


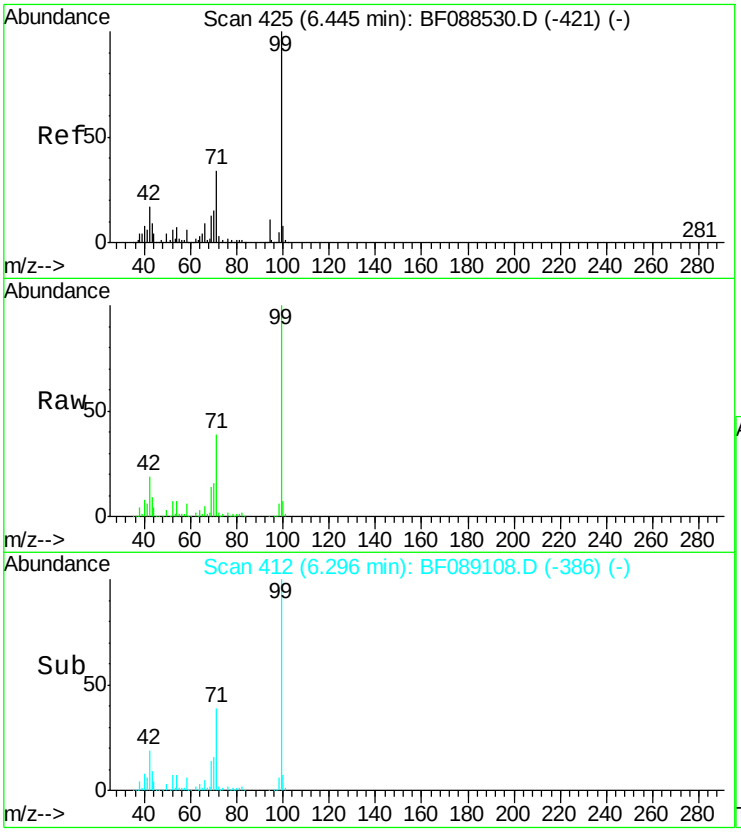


#5
2-Fluorophenol
Concen: 81.82 ng
RT: 5.23 min Scan# 319
Delta R.T. 0.01 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:112 Resp: 287980

Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.2	63.2
63	31.6	21.8	32.8



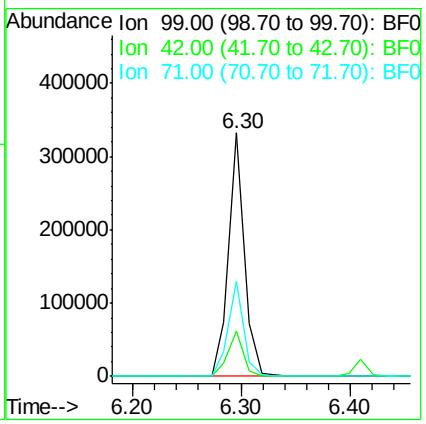


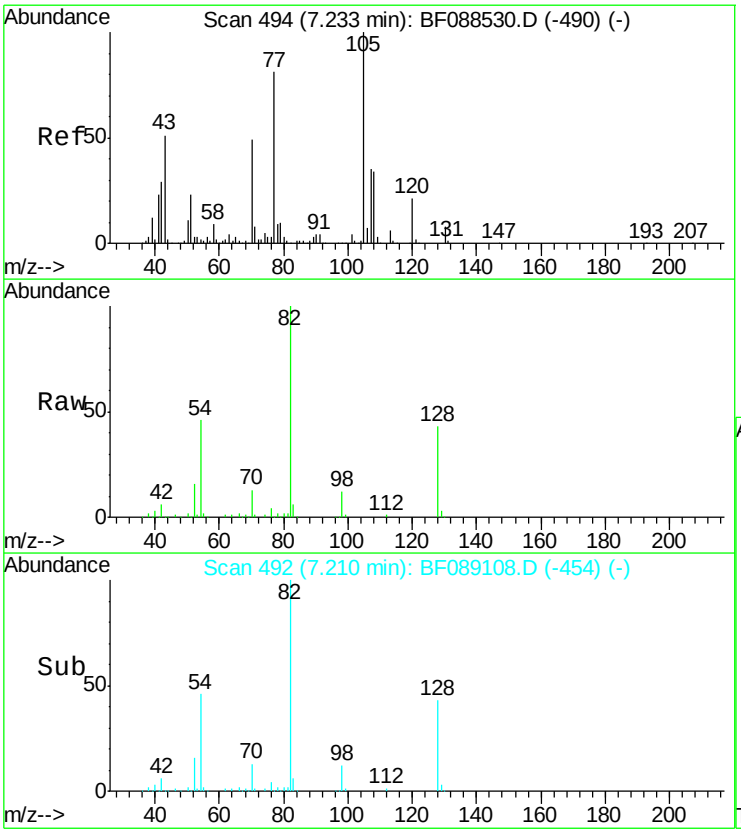
#7
Phenol-d6
Concen: 73.54 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion: 99 Resp: 334442

Ion	Ratio	Lower	Upper
99	100		
42	18.7	12.2	18.2#
71	38.9	23.4	35.0#

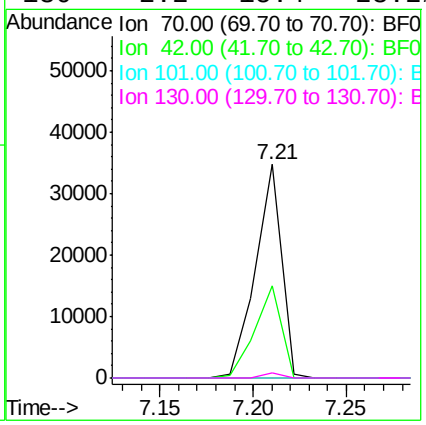


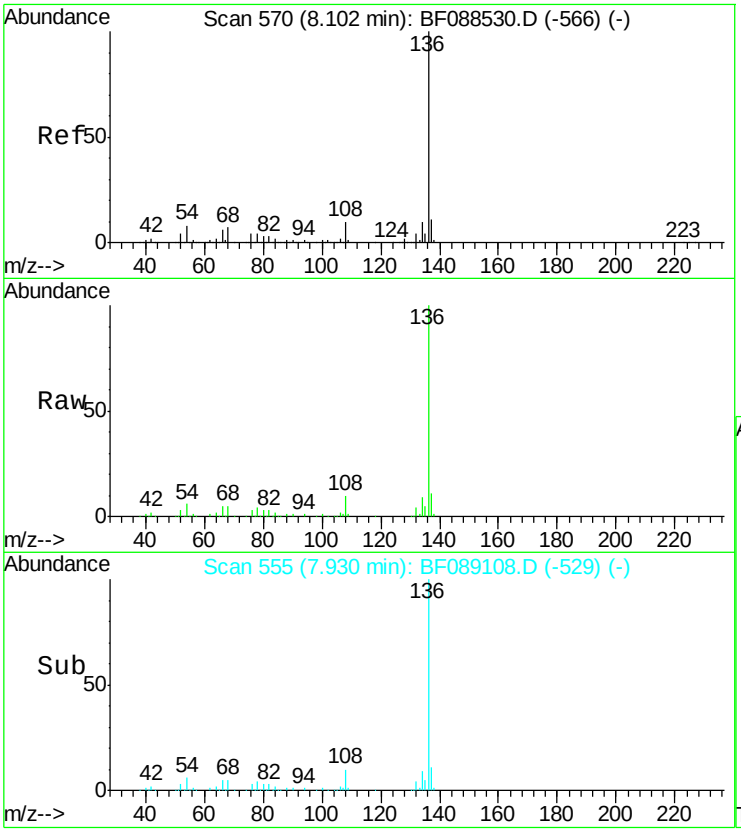


#19
n-Nitroso-di-n-propylamine
Concen: 10.98 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.14 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion: 70 Resp: 33528

Ion	Ratio	Lower	Upper
70	100		
42	43.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



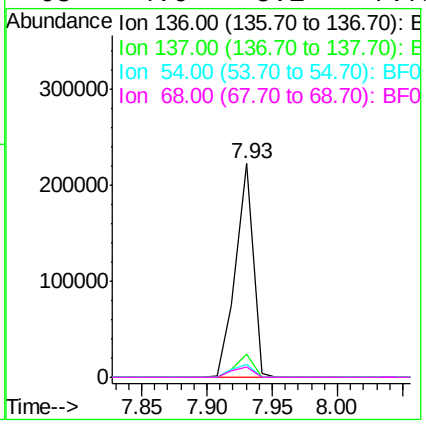


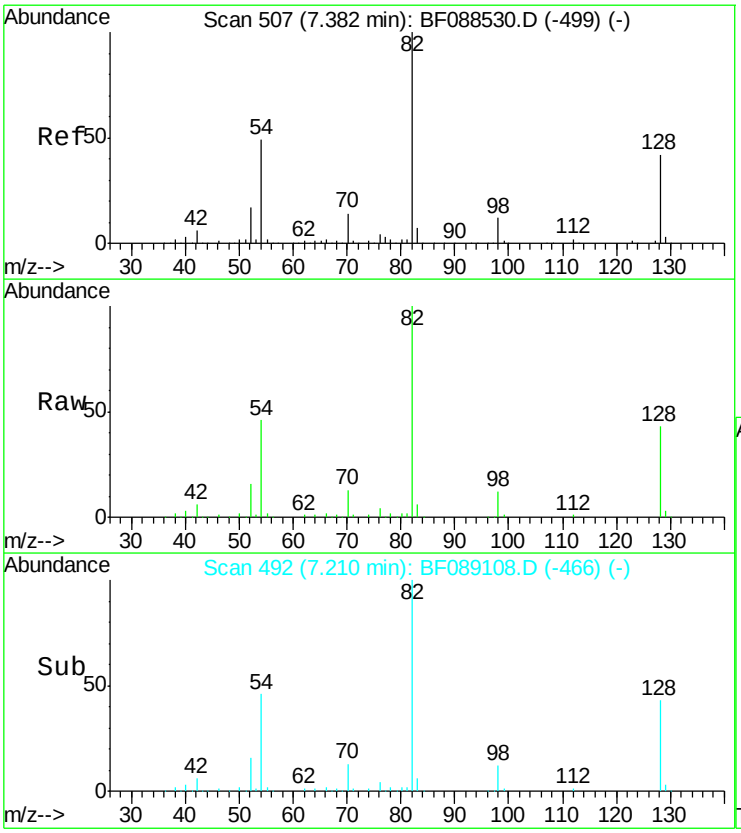
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:136 Resp: 208076

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.9	6.6	10.0#
68	4.6	5.1	7.7#

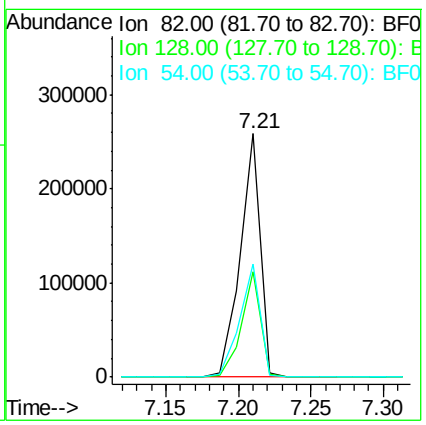


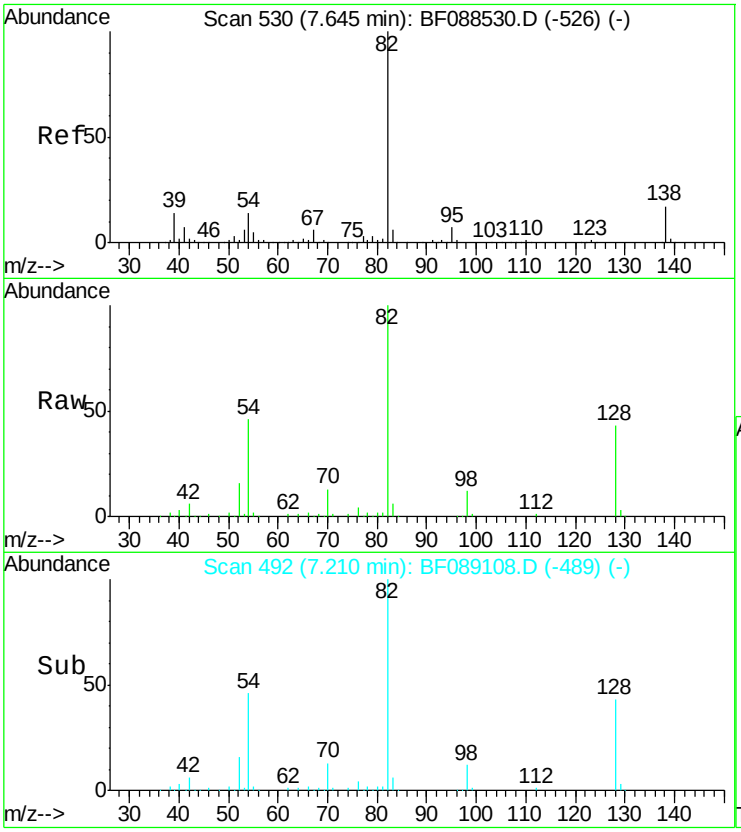


#23
Nitrobenzene-d5
Concen: 62.09 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion: 82 Resp: 246523

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.9	53.9
54	46.4	40.9	61.3



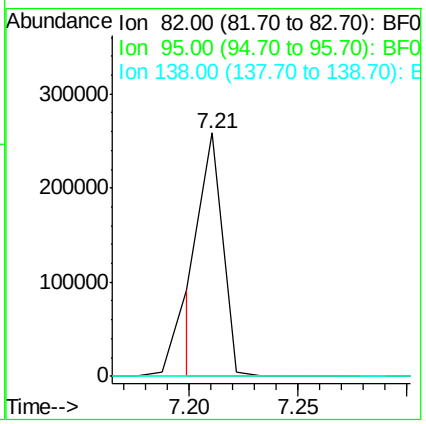


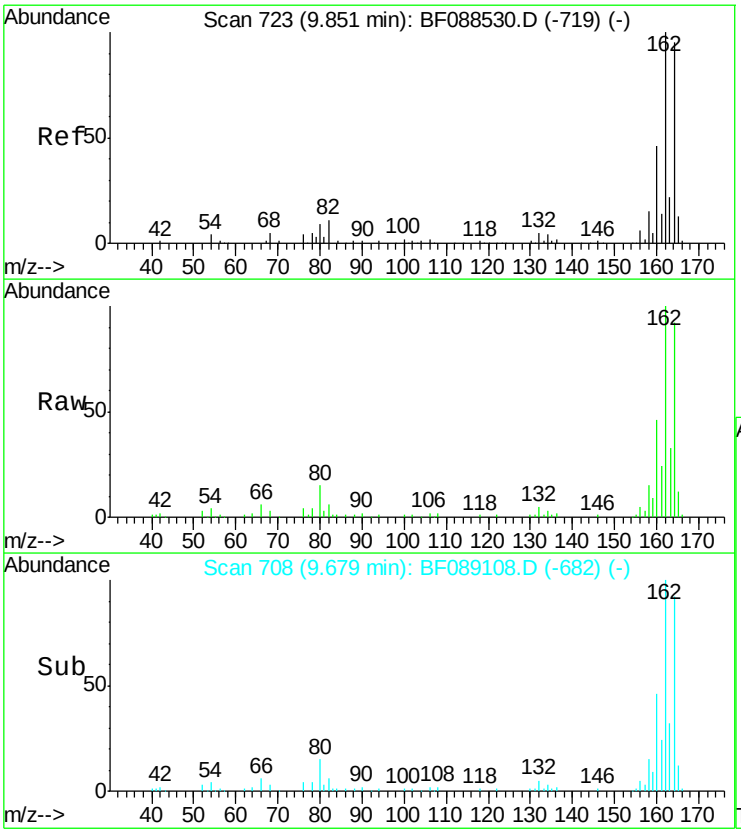
#25
Isophorone
Concen: 24.55 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.26 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion: 82 Resp: 180583

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

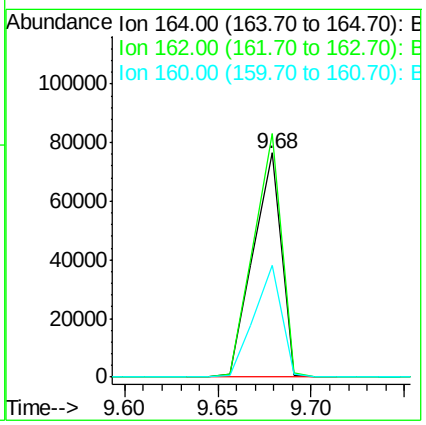


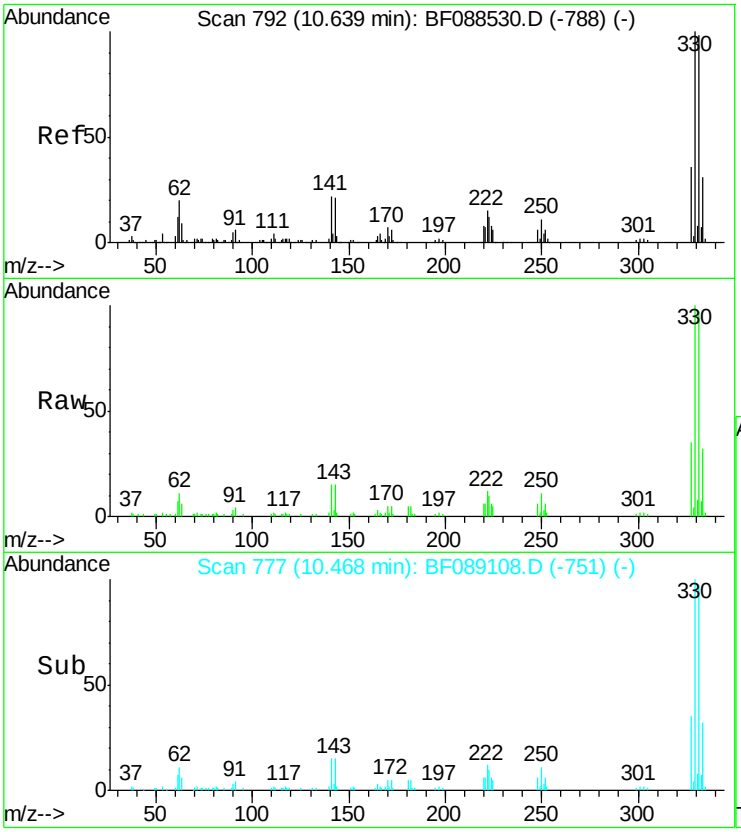


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:164 Resp: 79878

Ion	Ratio	Lower	Upper
164	100		
162	108.6	85.4	128.2
160	49.7	39.5	59.3



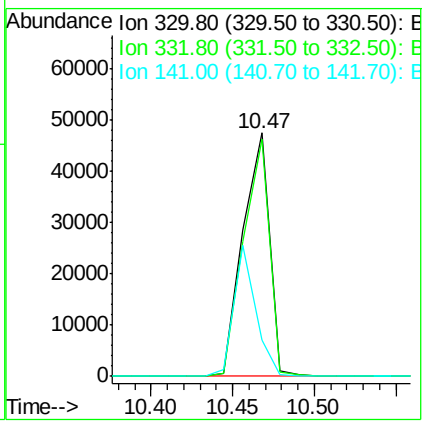


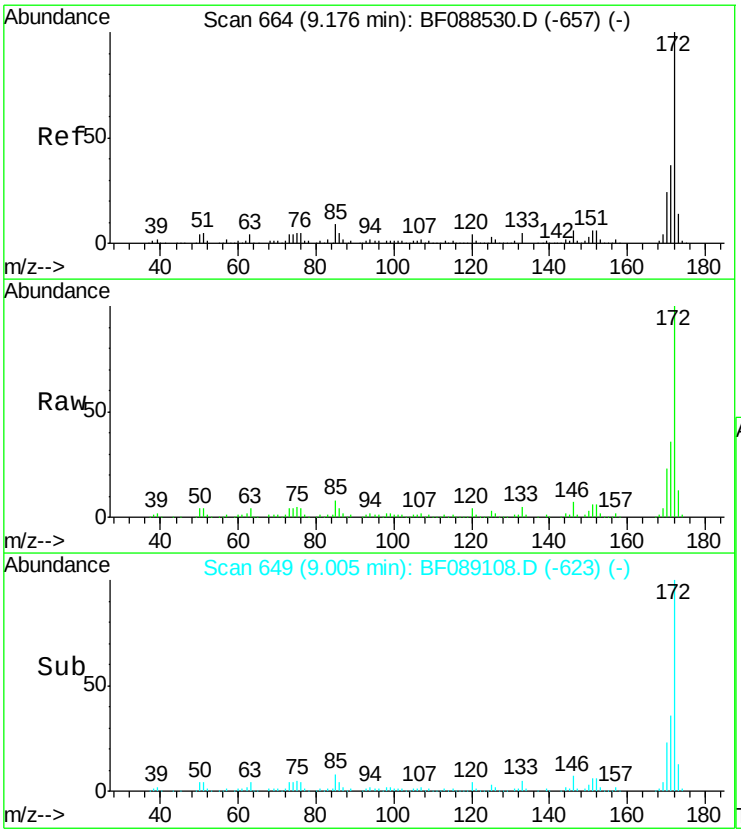
#41
2,4,6-Tribromophenol
Concen: 72.01 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:330 Resp: 53410

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	44.3	0.0	0.0#

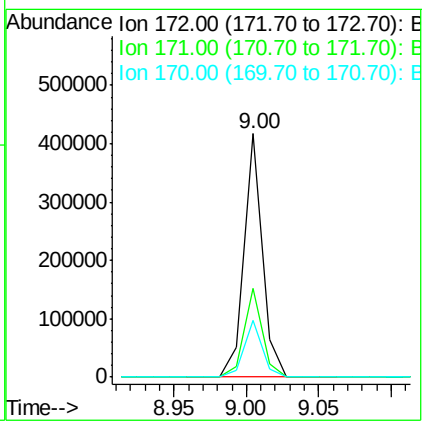


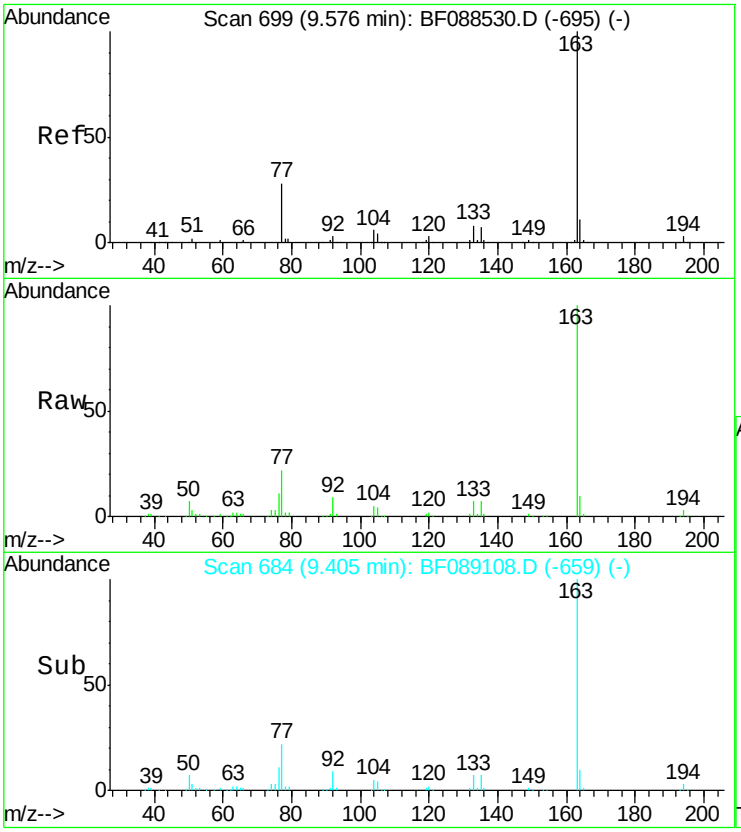


#44
2-Fluorobiphenyl
Concen: 72.49 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:172 Resp: 366592

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.2	19.2	28.8



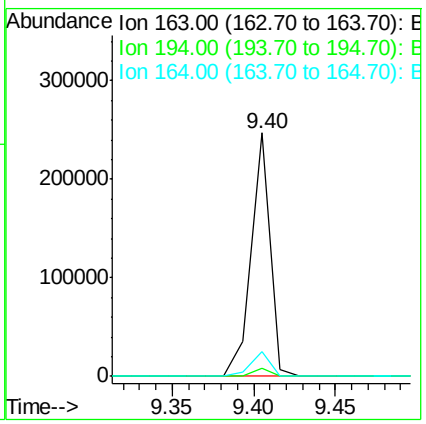


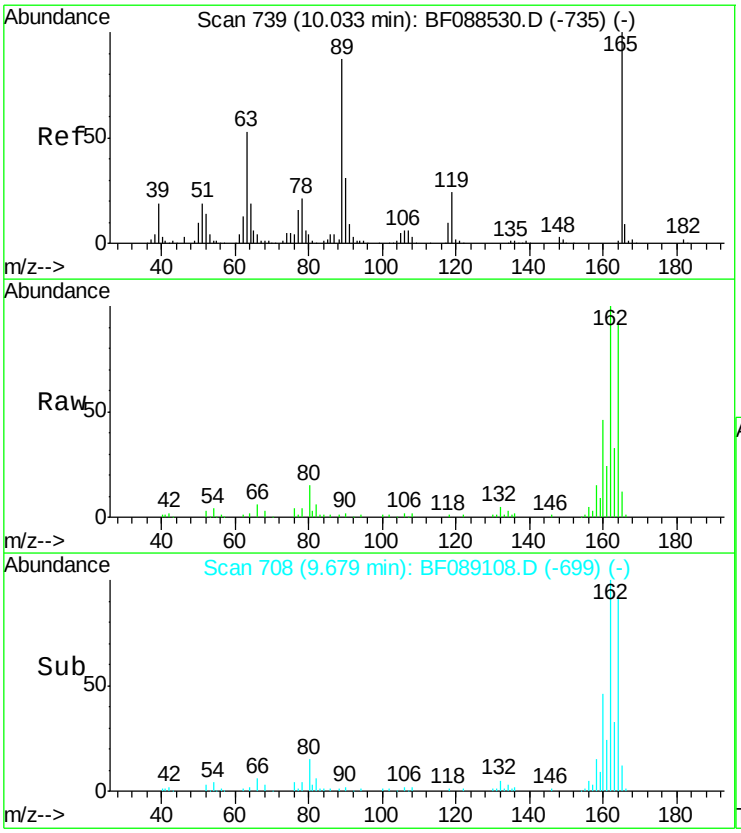
#49
Dimethylphthalate
Concen: 35.08 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:163 Resp: 199640

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.3	12.5

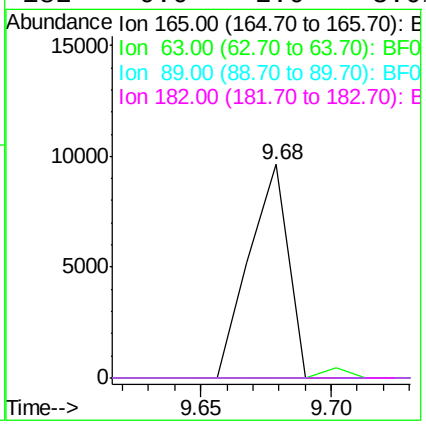


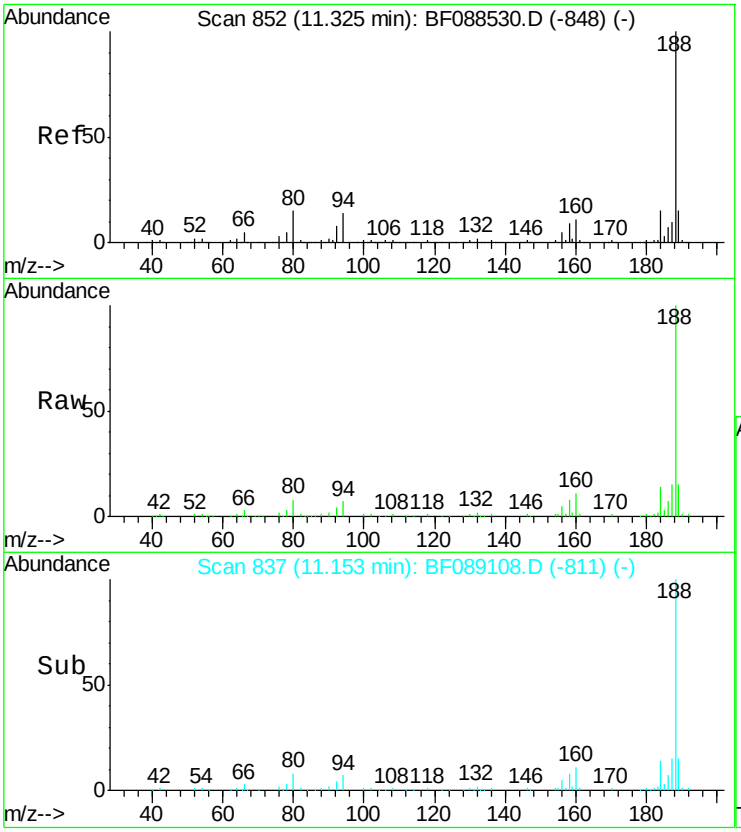


#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.19 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:165 Resp: 10170

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



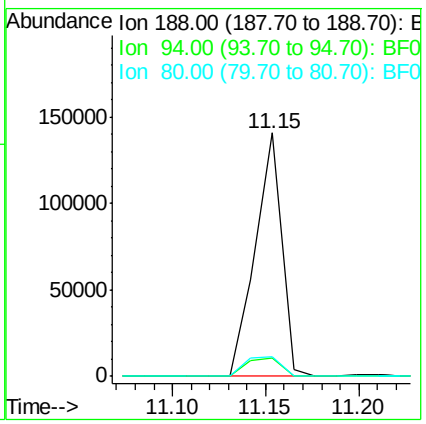


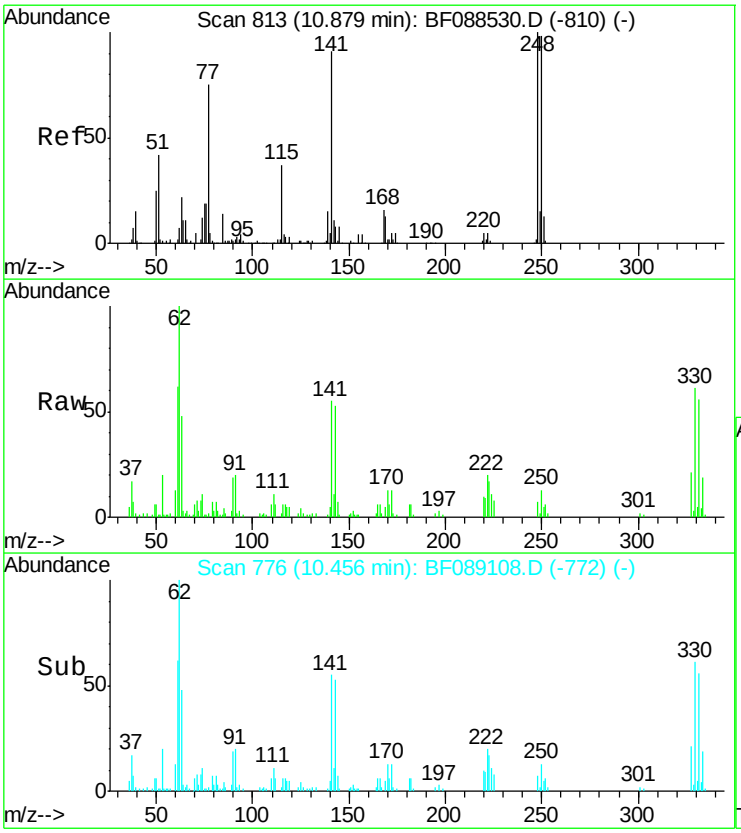
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:188 Resp: 138223

Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.6#
80	7.9	10.0	15.0#

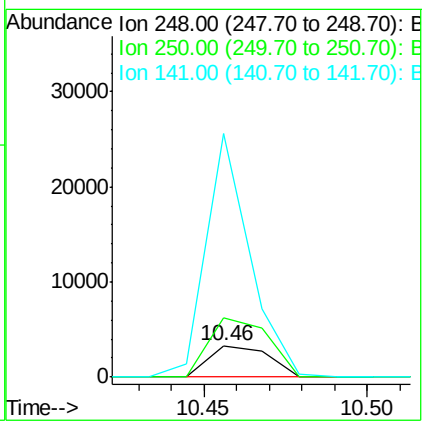


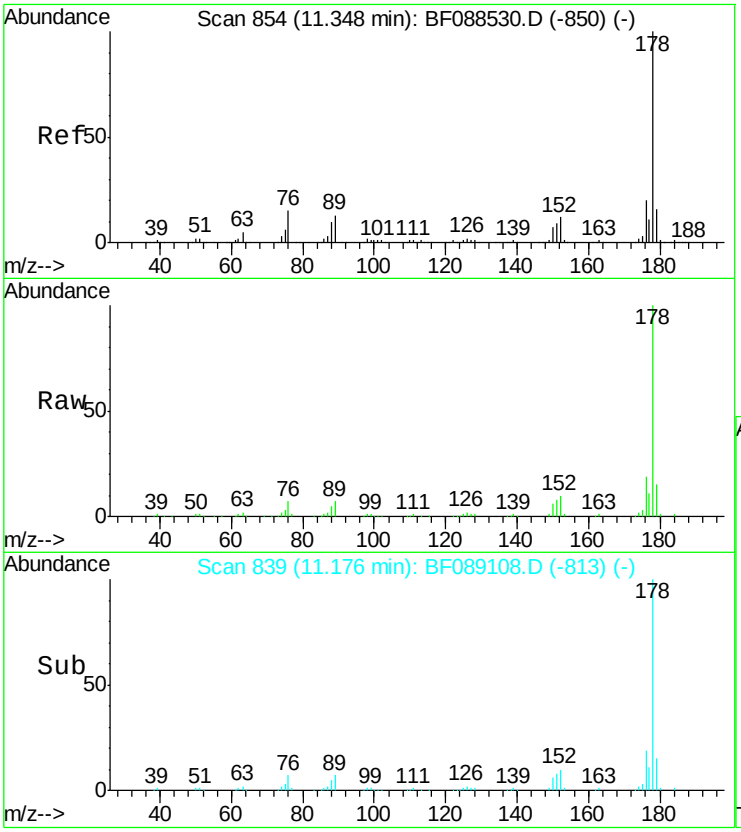


#66
4-Bromophenyl-phenylether
Concen: 2.96 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.25 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:248 Resp: 4130

Ion	Ratio	Lower	Upper
248	100		
250	189.9	77.1	115.7#
141	779.8	50.6	76.0#



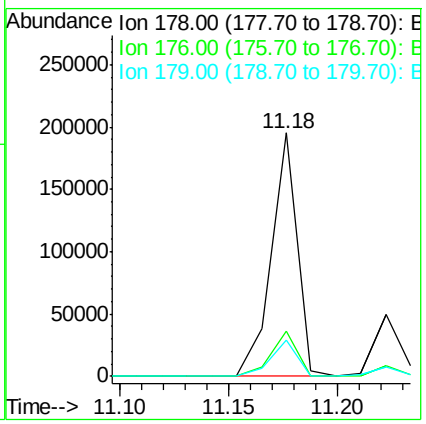


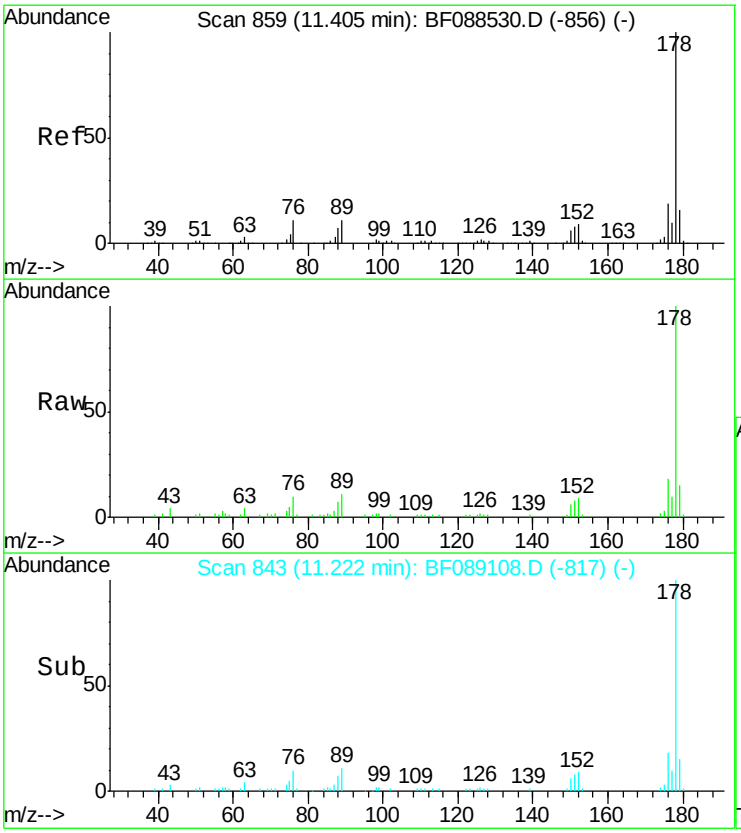
#70
Phenanthrene
Concen: 21.64 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:178 Resp: 163477

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	14.9	13.0	19.4

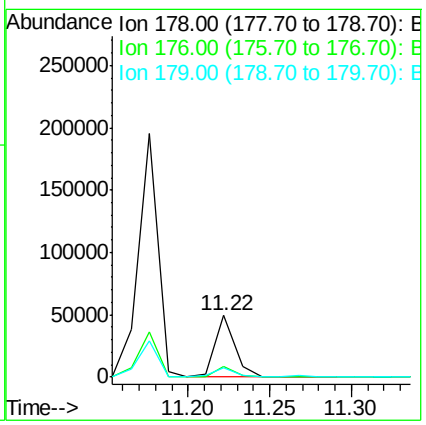


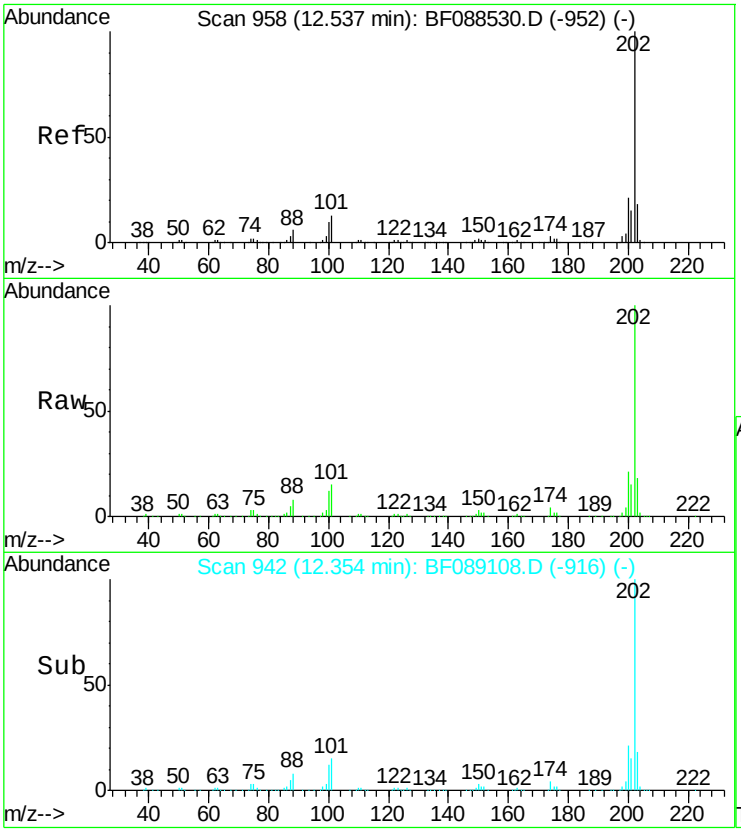


#71
Anthracene
Concen: 5.66 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:178 Resp: 42556

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.3	12.8	19.2



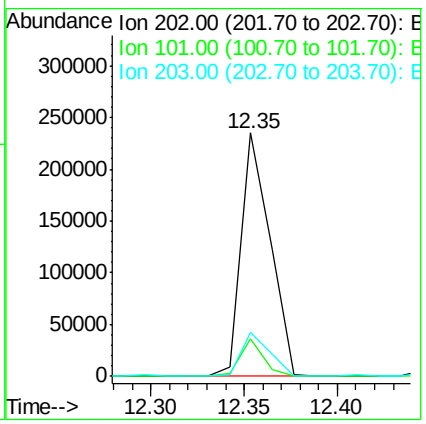


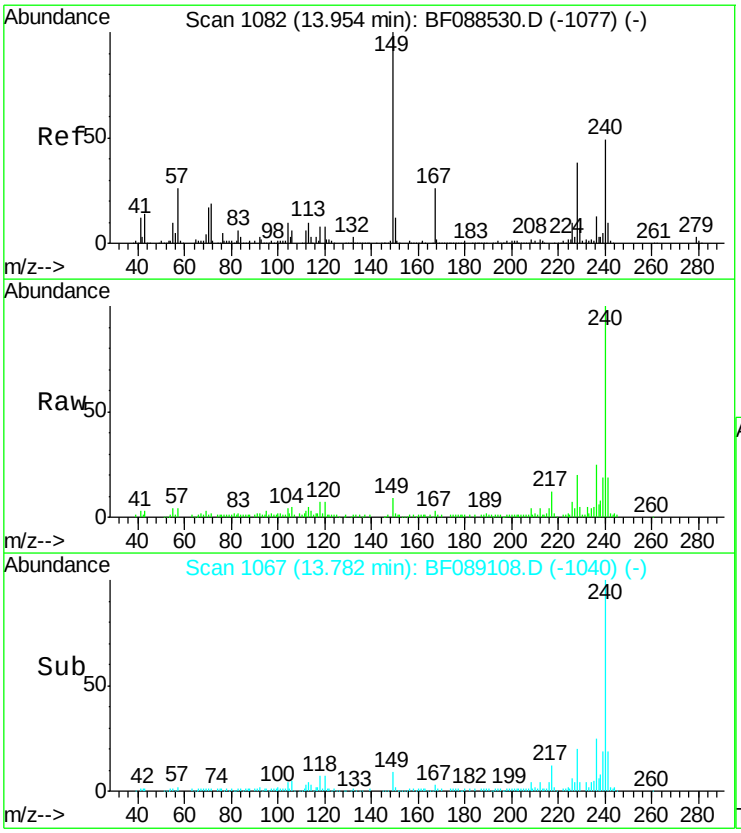
#74
Fluoranthene
Concen: 33.06 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:202 Resp: 253227

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.1
203	17.9	0.0	38.1

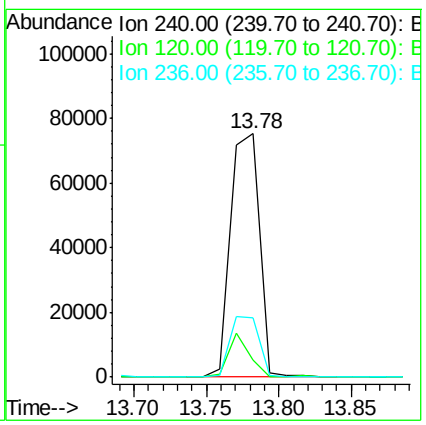


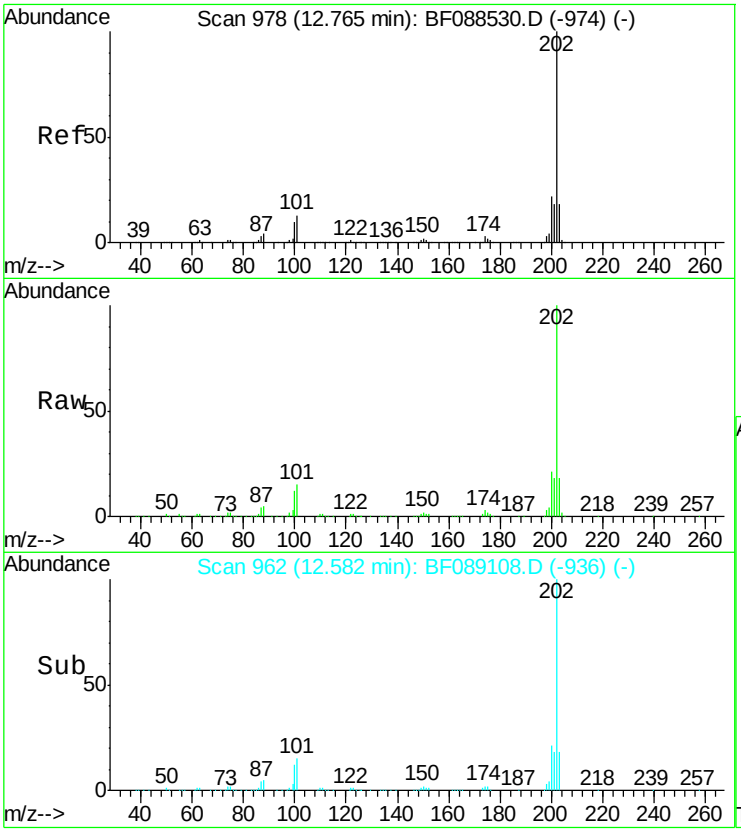


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:240 Resp: 104077

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	24.6	20.2	30.2



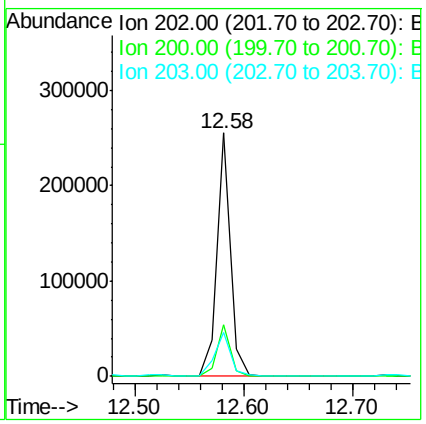


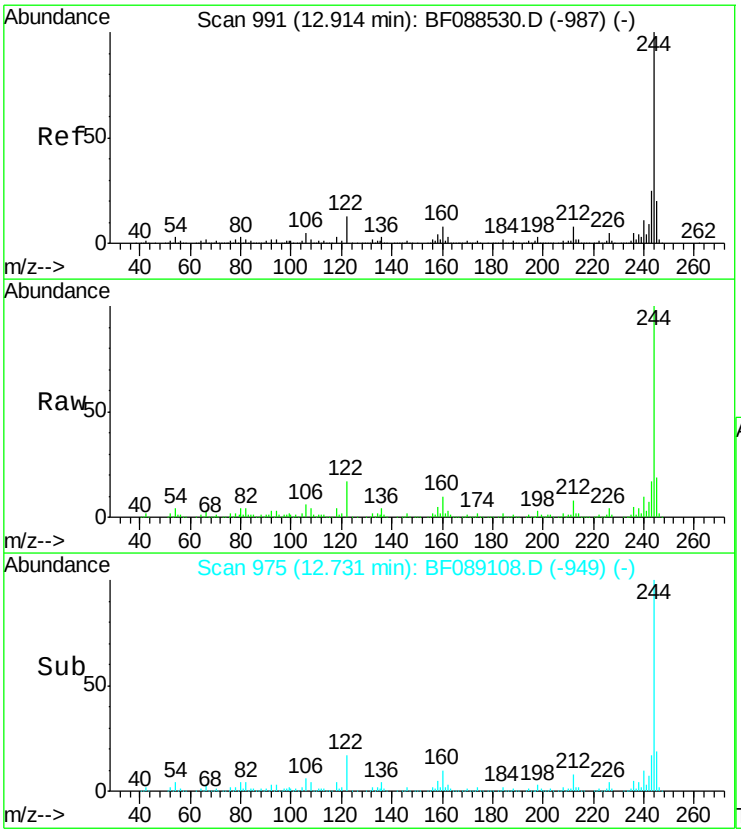
#77
Pyrene
Concen: 25.47 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:202 Resp: 224766

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.0	14.5	21.7

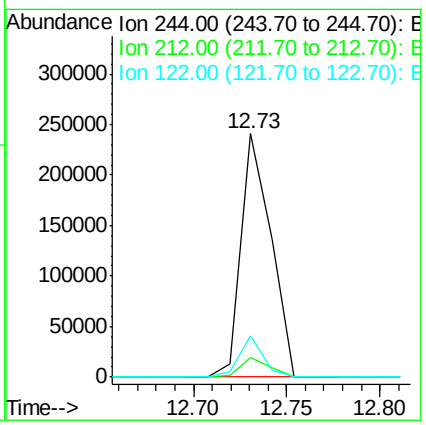


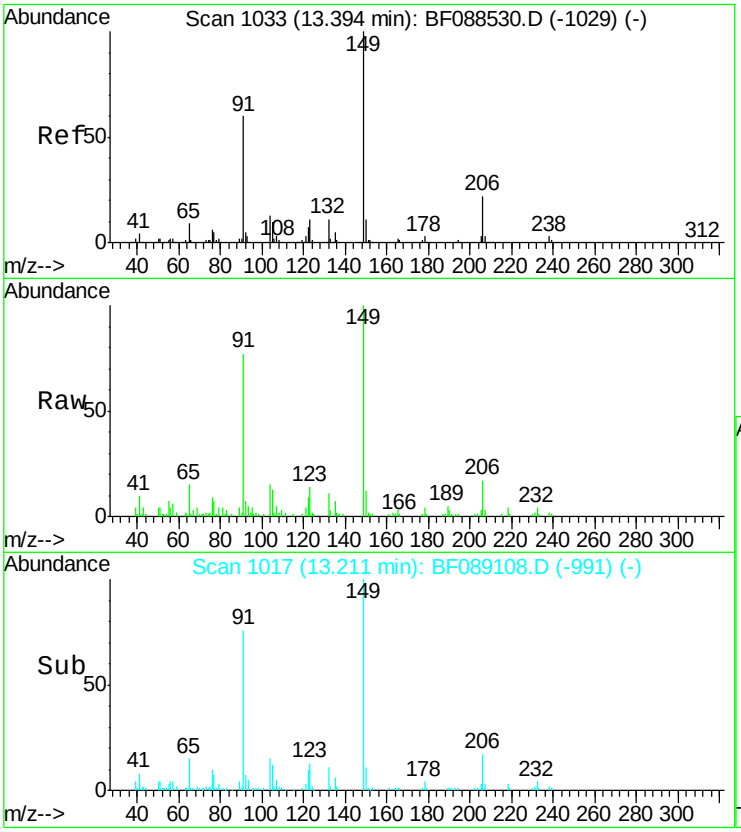


#78
Terphenyl-d14
Concen: 57.37 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:244 Resp: 268068

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	16.8	11.2	16.8#



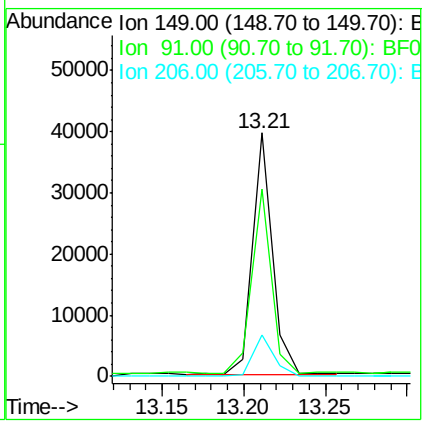


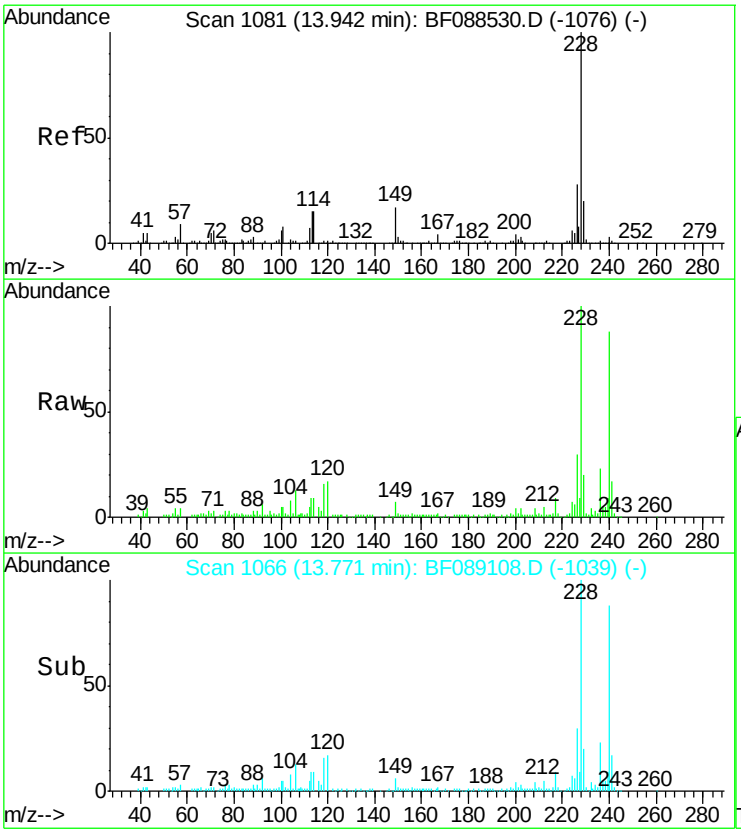
#79
Butylbenzylphthalate
Concen: 8.46 ng
RT: 13.21 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:149 Resp: 33286

Ion	Ratio	Lower	Upper
149	100		
91	76.8	48.0	72.0#
206	16.8	16.0	24.0

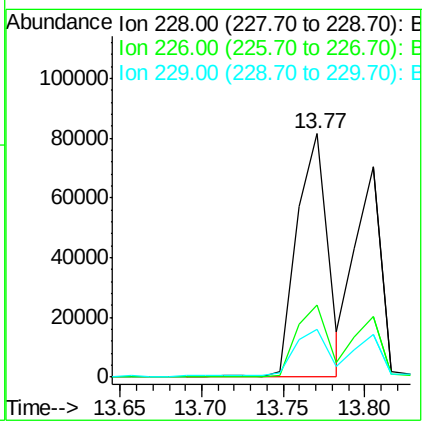


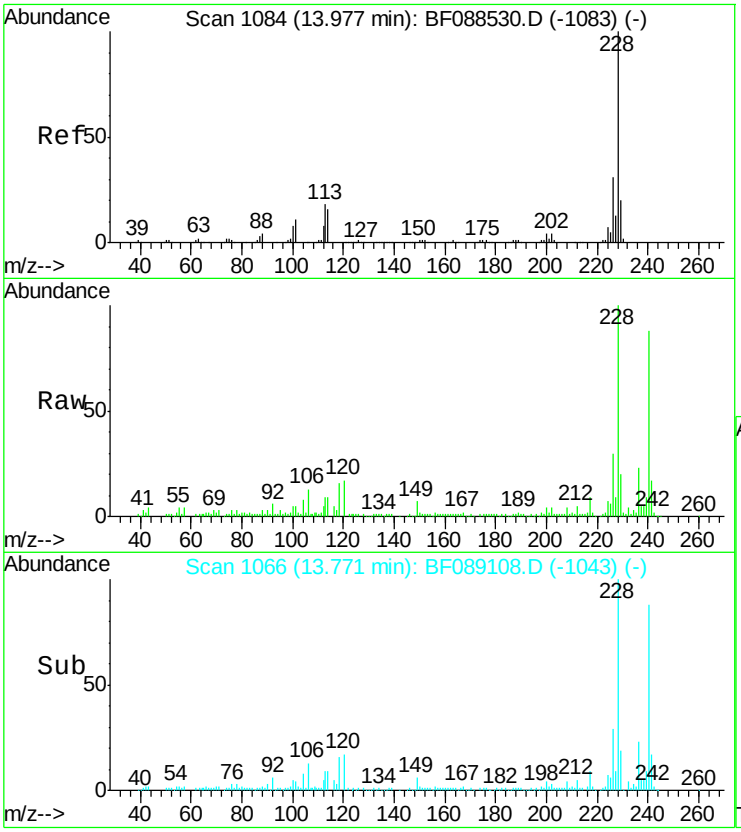


#80
Benzo(a)anthracene
Concen: 16.07 ng
RT: 13.77 min Scan# 1066
Delta R.T. 0.01 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:228 Resp: 107687

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	19.5	16.0	24.0



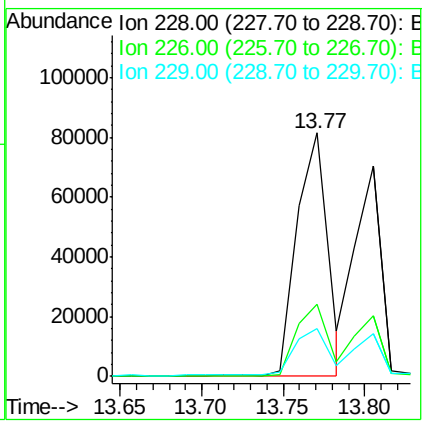


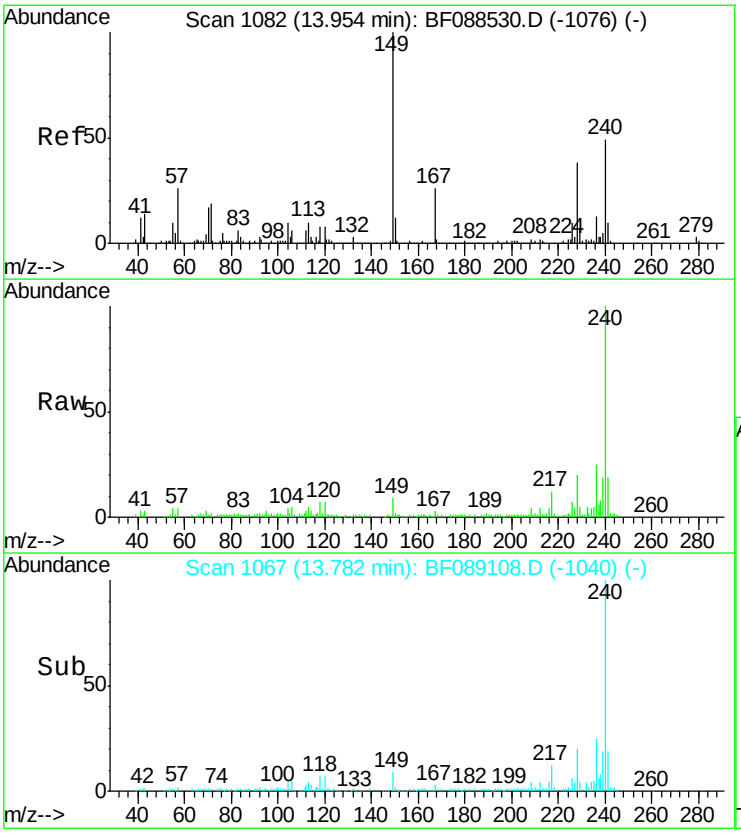
#82
Chrysene
Concen: 16.24 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:228 Resp: 107687

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.2
229	19.5	16.3	24.5

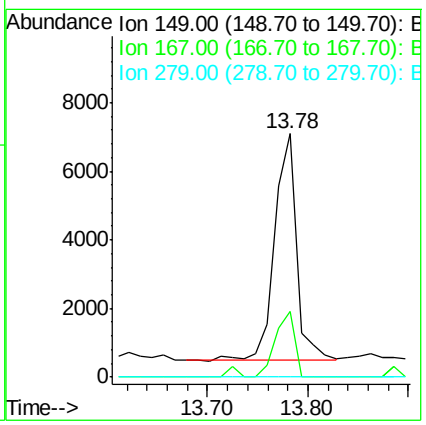


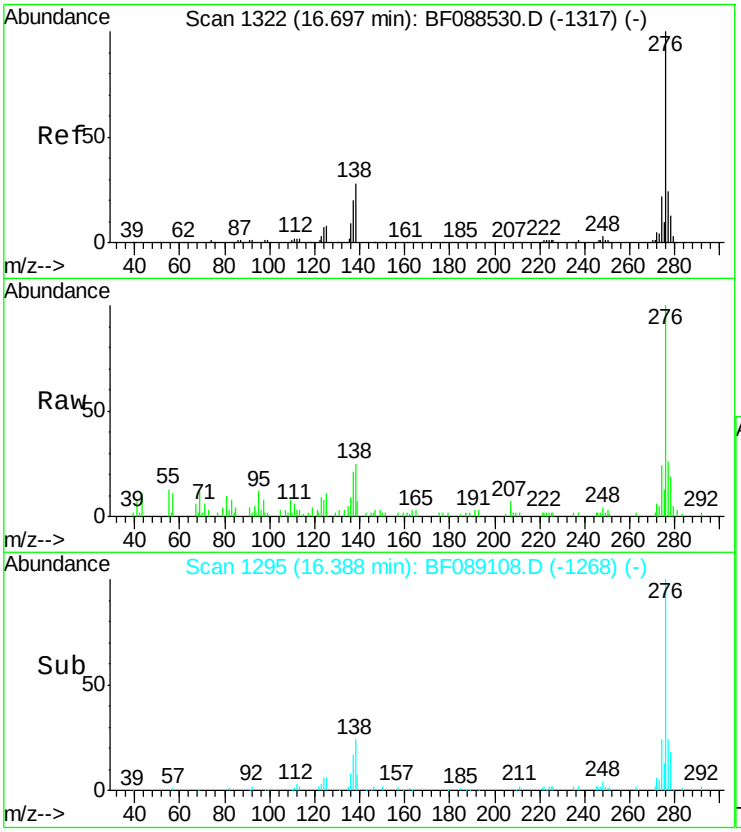


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.21 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:149 Resp: 9921

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.5	30.7
279	0.0	2.0	3.0#



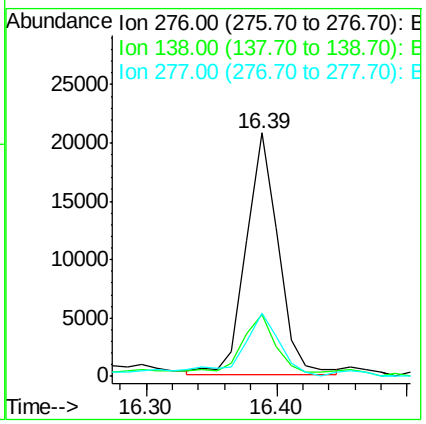


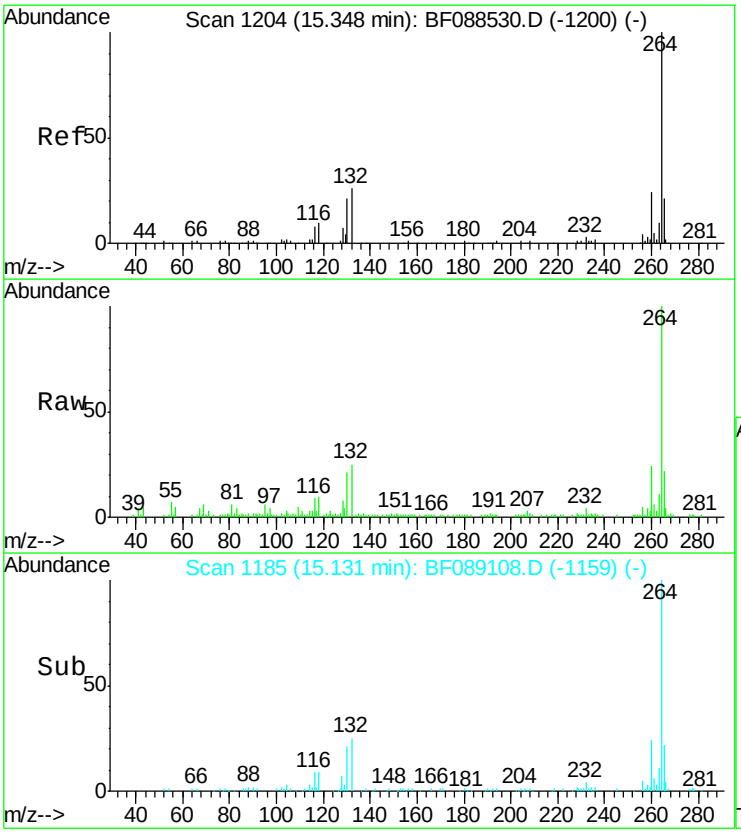
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.06 ng
RT: 16.39 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:276 Resp: 36010

Ion	Ratio	Lower	Upper
276	100		
138	26.7	0.0	0.0#
277	33.7	0.0	0.0#

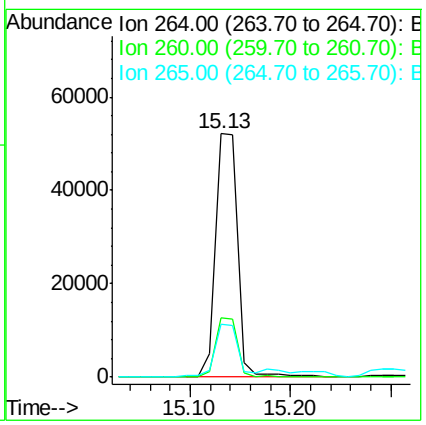


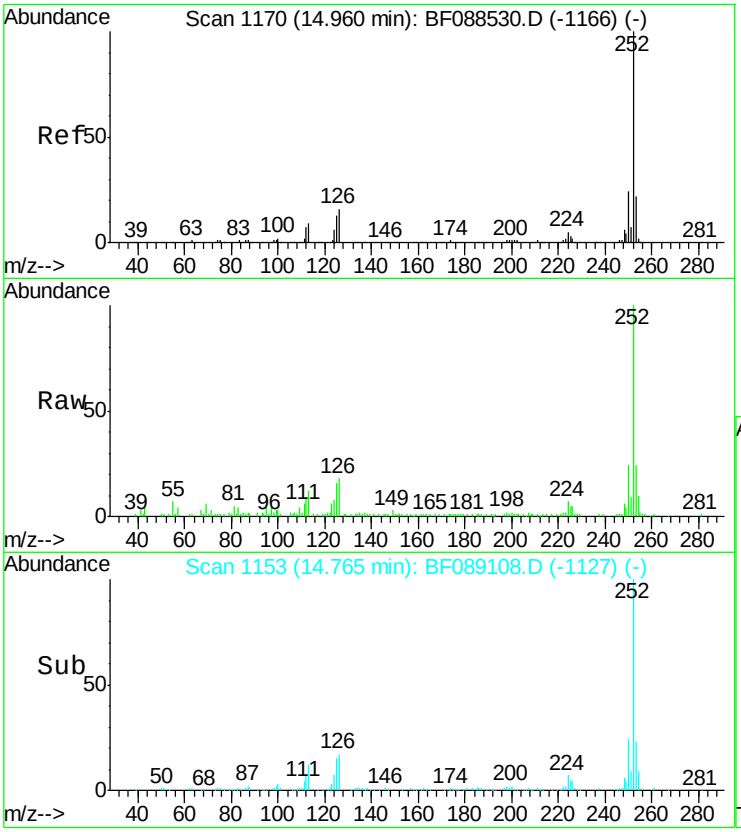


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:264 Resp: 79321

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	16.9	25.3



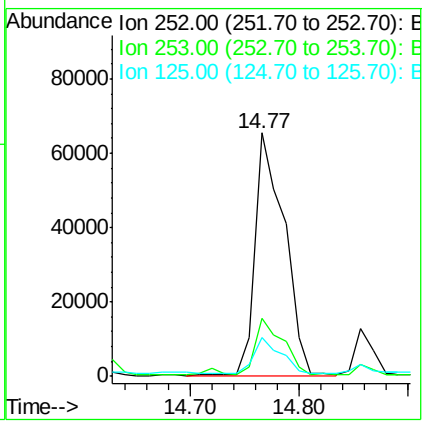


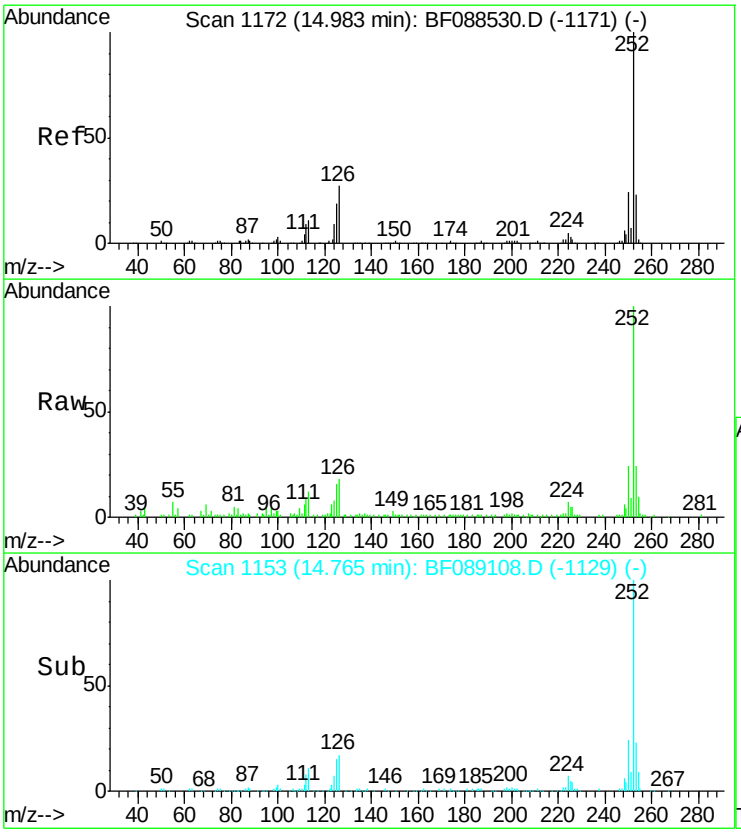
#87
Benzo(b)fluoranthene
Concen: 25.01 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:252 Resp: 124435

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	16.1	7.1	10.7#

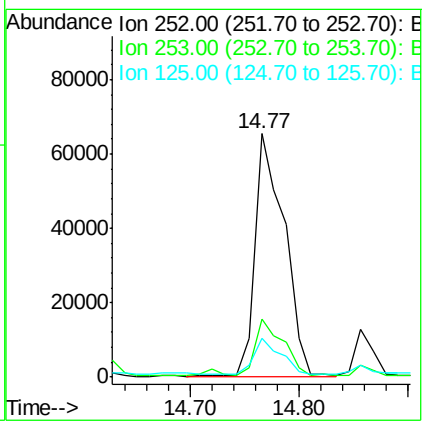


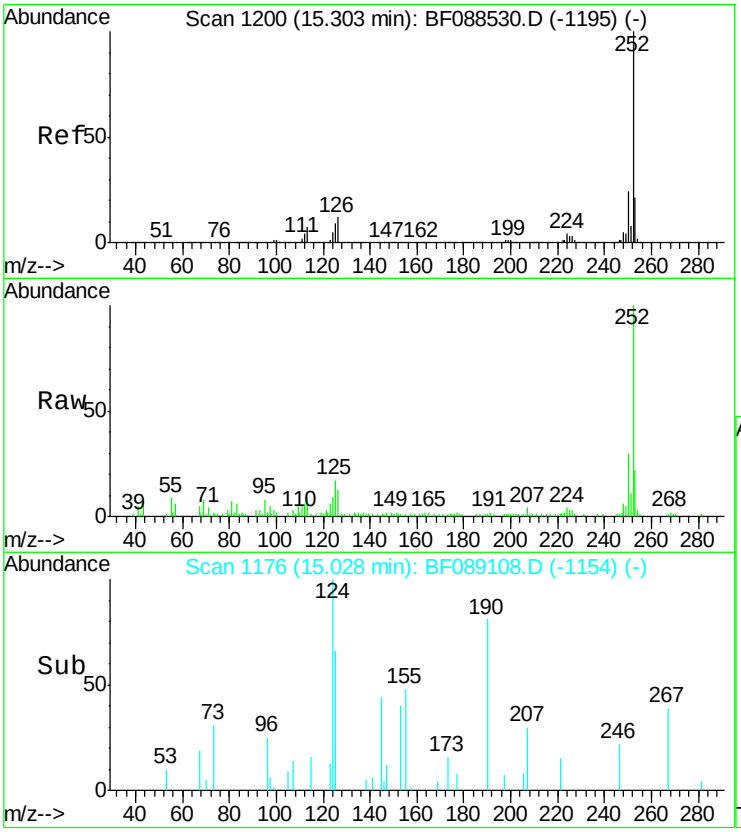


#88
Benzo(k)fluoranthene
Concen: 28.73 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:252 Resp: 124435

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	16.1	11.2	16.8



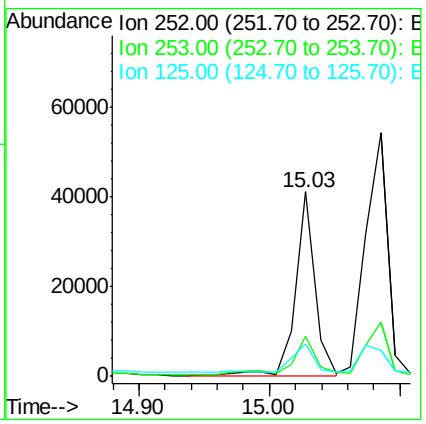


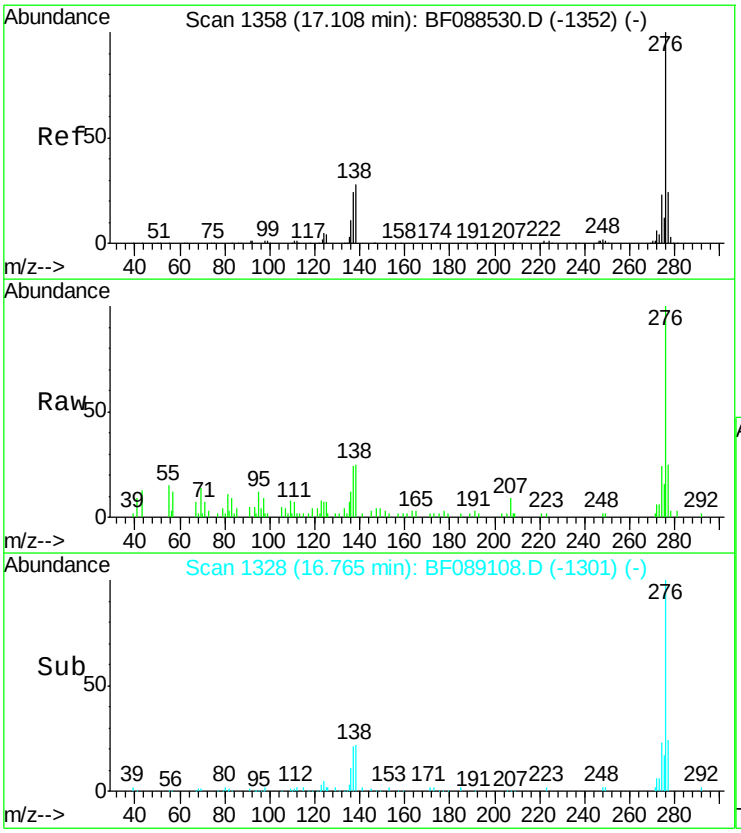
#89
Benzo(a)pyrene
Concen: 10.33 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.05 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:252 Resp: 43537

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	17.4	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 9.21 ng
RT: 16.77 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF089108.D
Acq: 19 Jul 2016 5:06

Tgt Ion:276 Resp: 33528

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.9	28.3
138	24.6	21.4	32.2