Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088959.D
Acq On : 13 Jul 2016 15:47
Operator : UM/SJ
Sample : H3876-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-A-LOCATION-2-0-5FT

Quant Time: Jul 14 01:12:38 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	6.86	152	168428	20.00	ng		0.15
21) Naphthalene-d8	7.98	136	238313	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	107209	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	189540	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	123080	20.00	ng		-0.02
86) Perylene-d12	15.20	264	130727	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	352867	31.40	ng		0.00
7) Phenol-d6	6.34	99	421991	29.06	ng		-0.01
23) Nitrobenzene-d5	7.26	82	286156	62.93	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	91206	91.61	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	544191	80.18	ng		-0.01
78) Terphenyl-d14	12.79	244	313100	56.66	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	37468	3.84	ng	#	74
25) Isophorone	7.26	82	251776	29.89	ng	#	65
49) Dimethylphthalate	9.45	163	80578	10.55	ng		100
56) 2,4-Dinitrotoluene	9.72	165	13687	6.18	ng	#	36
66) 4-Bromophenyl-phenylether	10.51	248	6717	3.52	ng	#	1
70) Phenanthrene	11.22	178	21471	2.07	ng		100
74) Fluoranthene	12.41	202	41821	3.98	ng		95
77) Pyrene	12.63	202	34849	3.34	ng		95
80) Benzo(a)anthracene	13.82	228	19216	2.42	ng		93
87) Benzo(b)fluoranthene	14.82	252	29294	3.57	ng	#	96
88) Benzo(k)fluoranthene	14.82	252	29294	4.10	ng		99
89) Benzo(a)pyrene	15.14	252	16289	2.35	ng		98

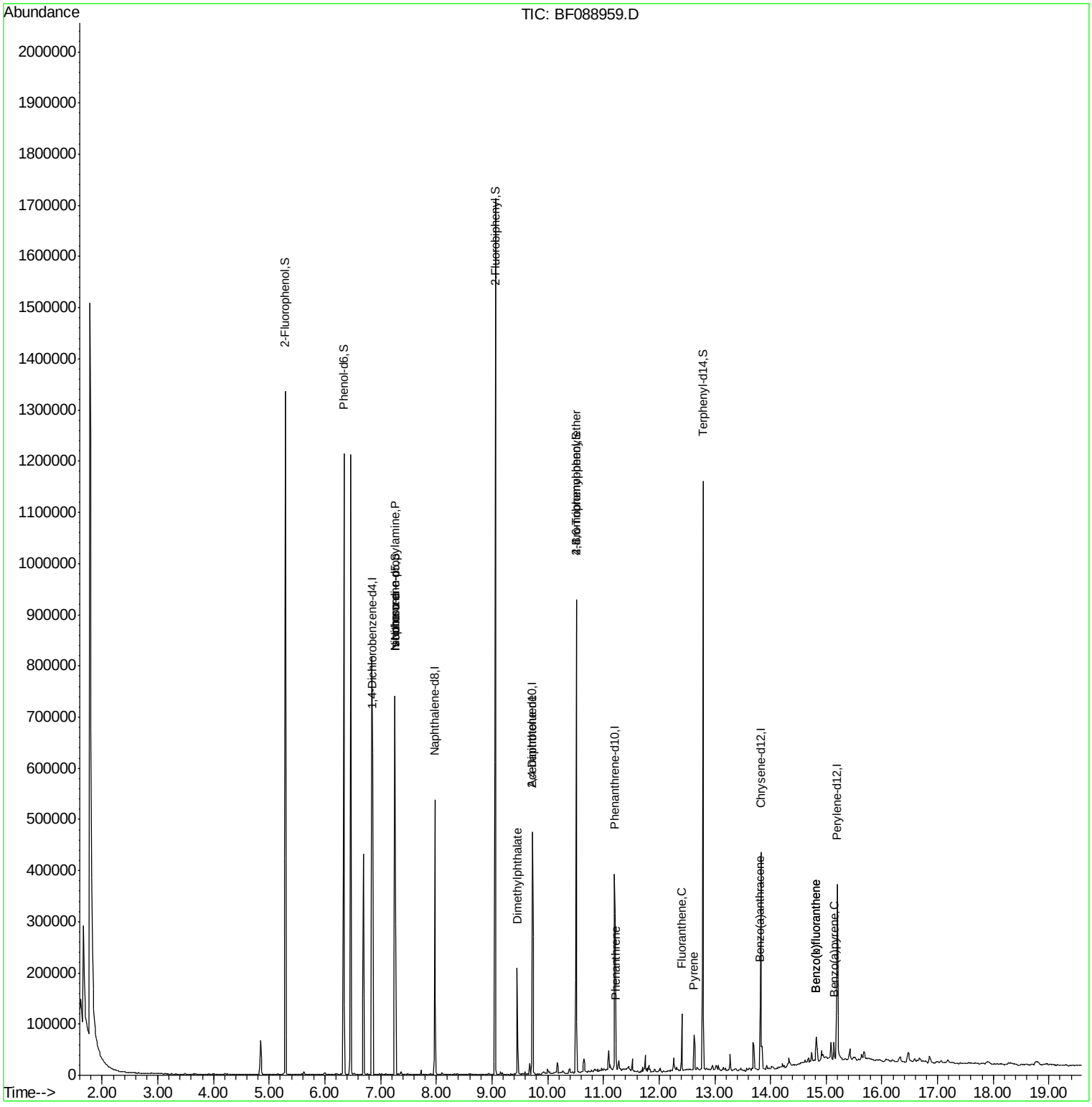
(#) = qualifier out of range (m) = manual integration (+) = signals summed

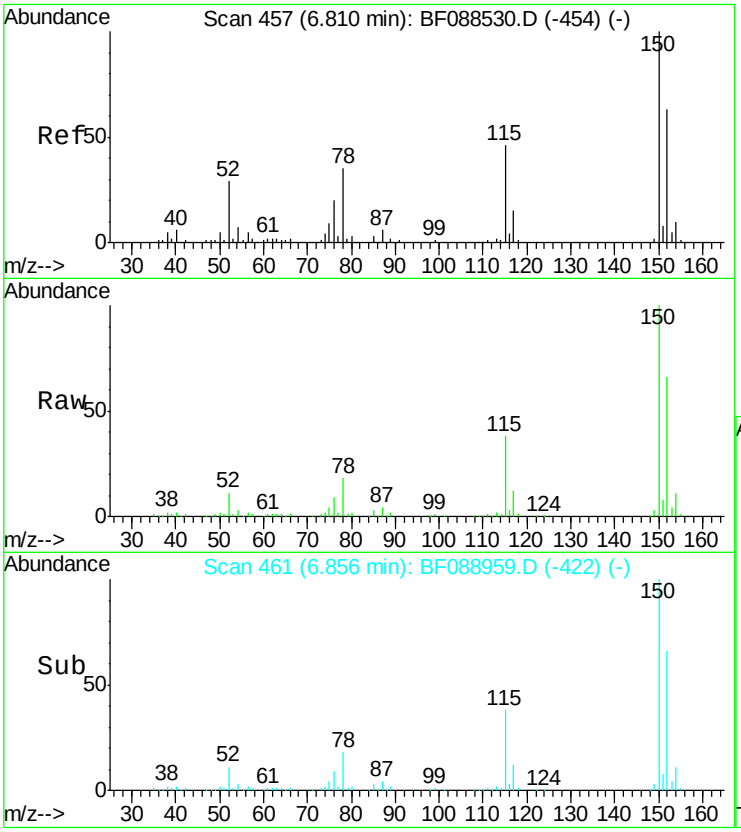
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088959.D
Acq On : 13 Jul 2016 15:47
Operator : UM/SJ
Sample : H3876-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Quant Time: Jul 14 01:12:38 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



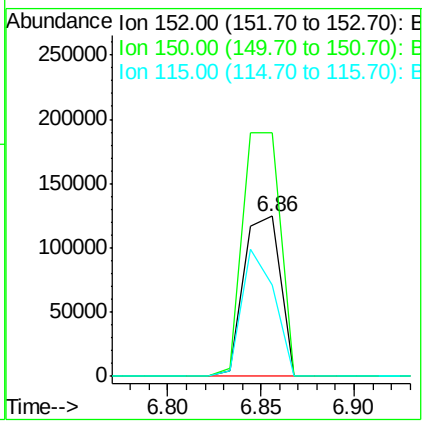


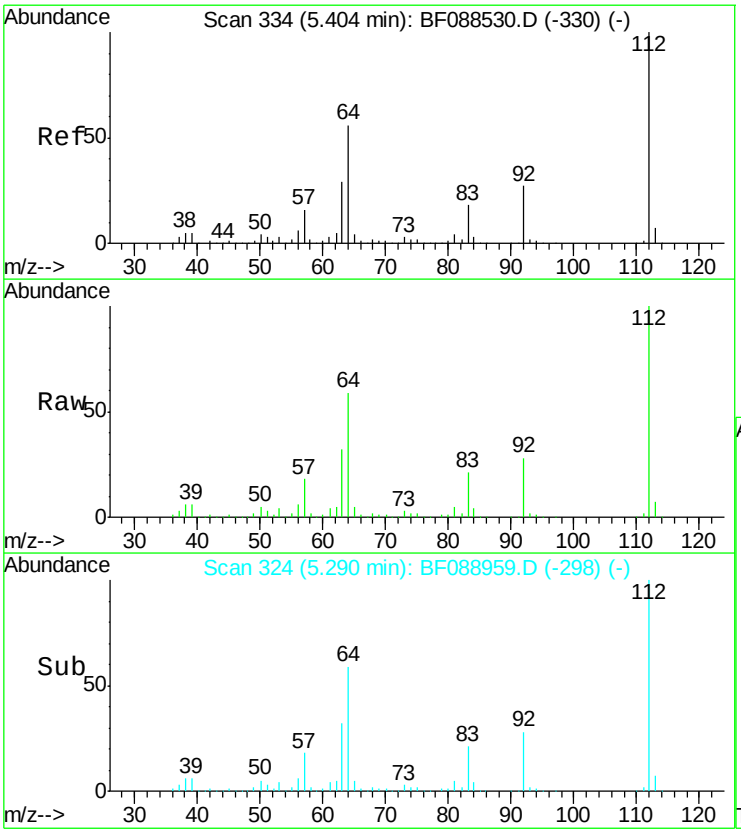
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:152 Resp: 168428

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.8	185.6
115	57.3	39.6	59.4

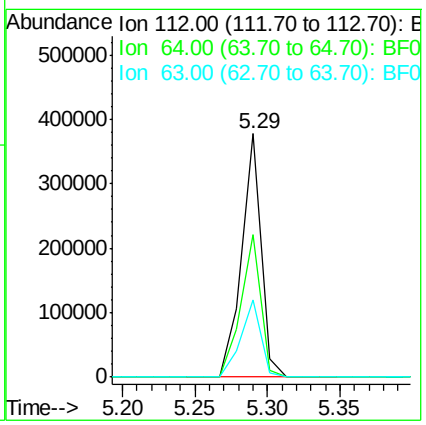


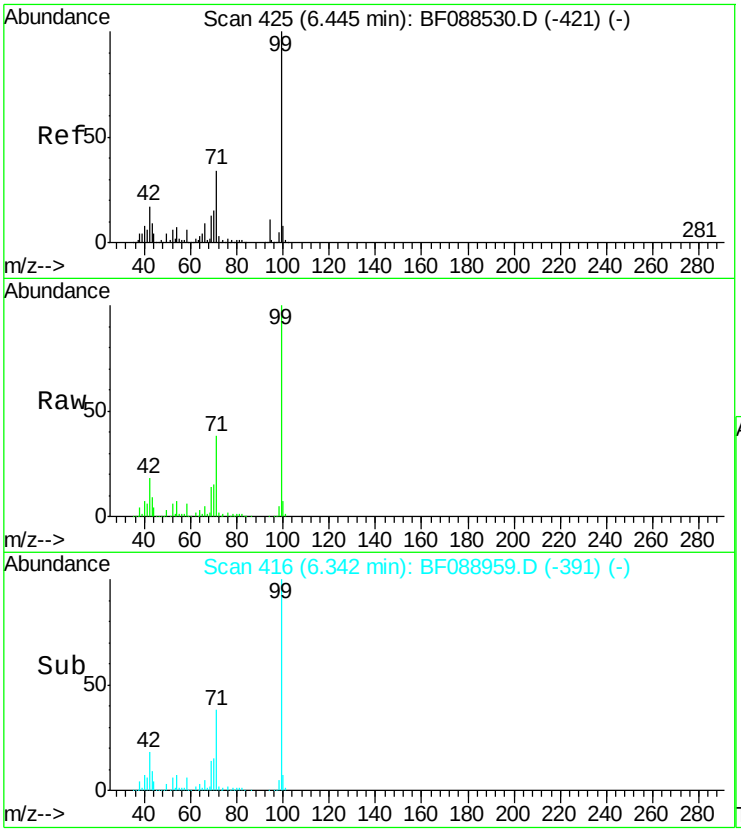


#5
2-Fluorophenol
Concen: 31.40 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:112 Resp: 352867

Ion	Ratio	Lower	Upper
112	100		
64	58.6	42.2	63.2
63	31.8	21.8	32.8



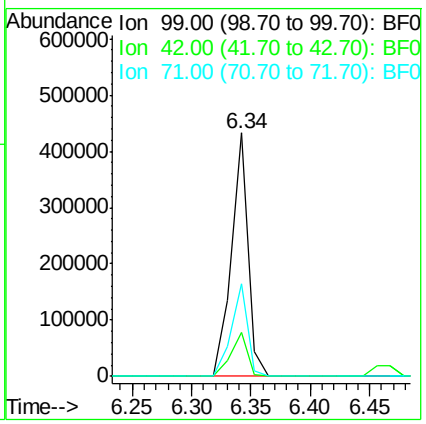


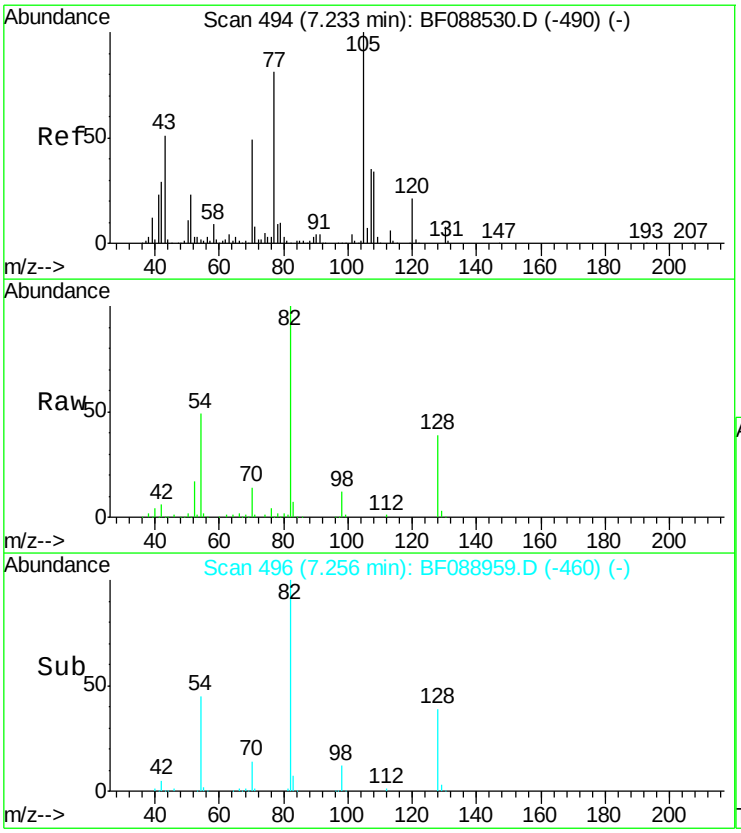
#7
Phenol-d6
Concen: 29.06 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion: 99 Resp: 421991

Ion	Ratio	Lower	Upper
99	100		
42	18.2	12.2	18.2
71	38.2	23.4	35.0#

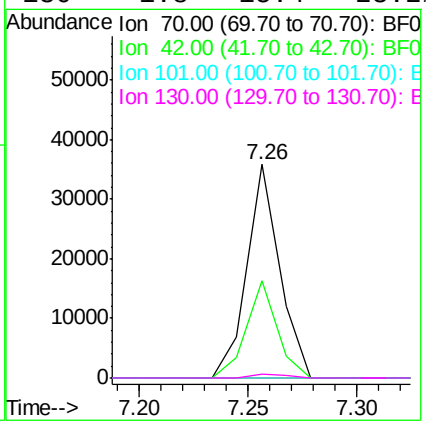


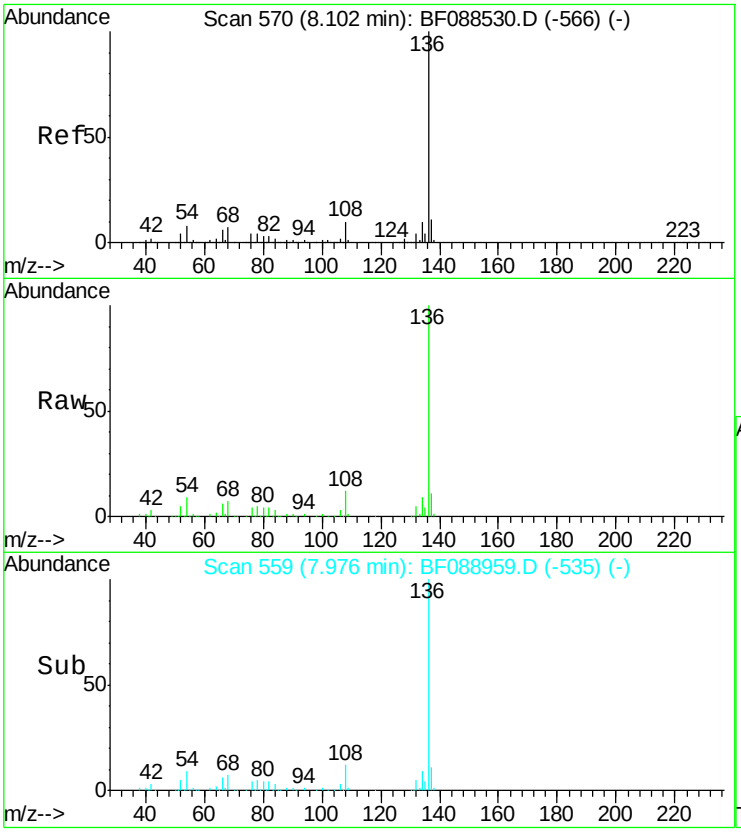


#19
n-Nitroso-di-n-propylamine
Concen: 3.84 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.11 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion: 70 Resp: 37468

Ion	Ratio	Lower	Upper
70	100		
42	45.4	49.6	74.4#
101	0.0	7.1	10.7#
130	1.8	15.4	23.2#



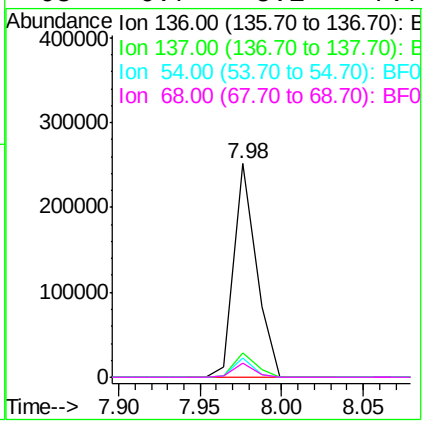


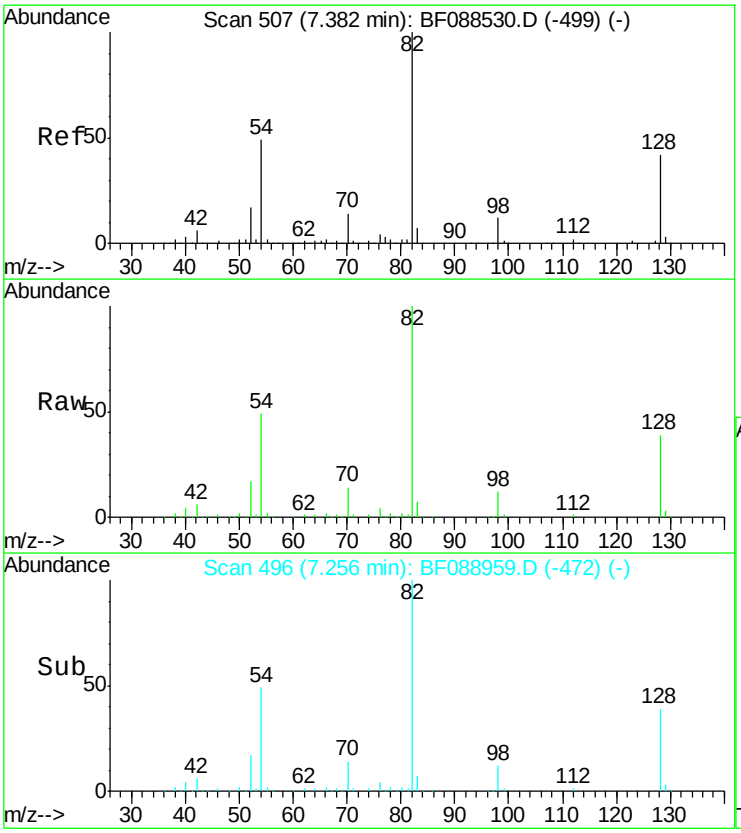
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:136 Resp: 238313

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	6.6	10.0
68	6.7	5.1	7.7

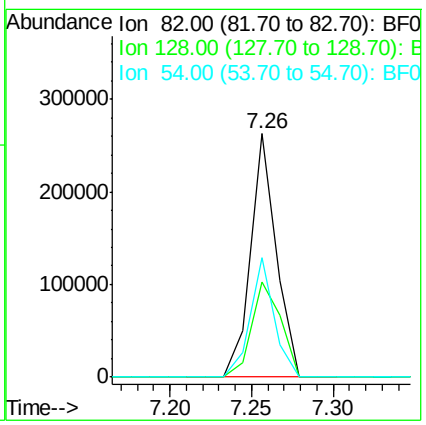


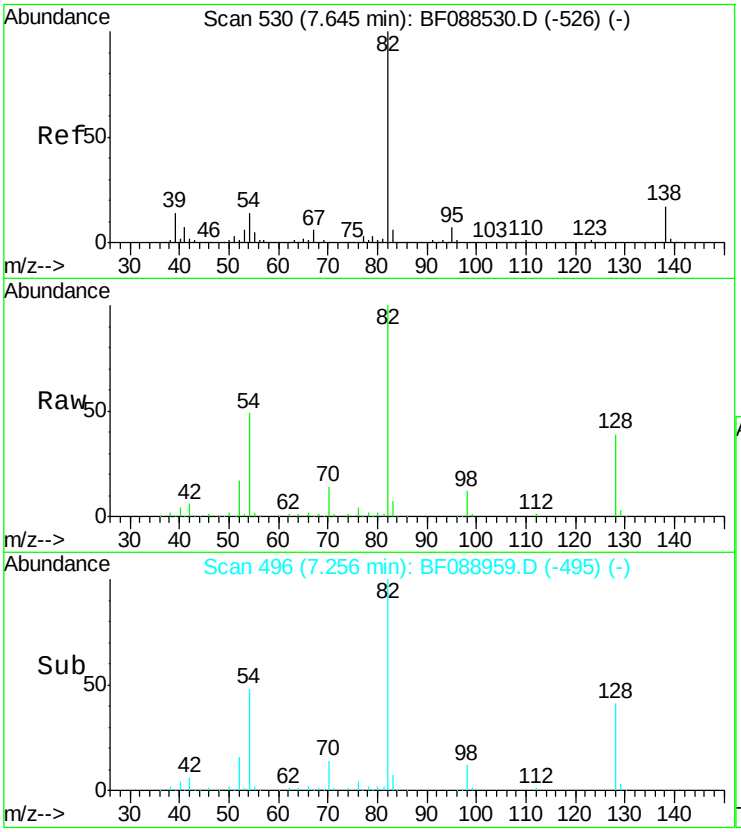


#23
Nitrobenzene-d5
Concen: 62.93 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion: 82 Resp: 286156

Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.9	53.9
54	49.2	40.9	61.3



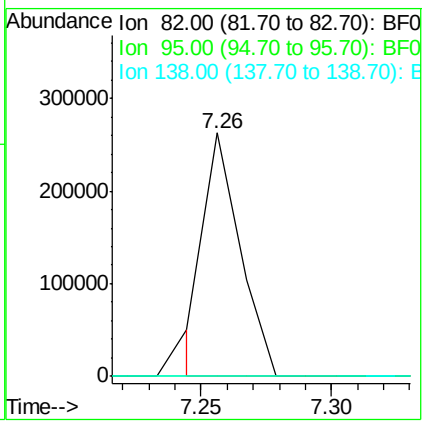


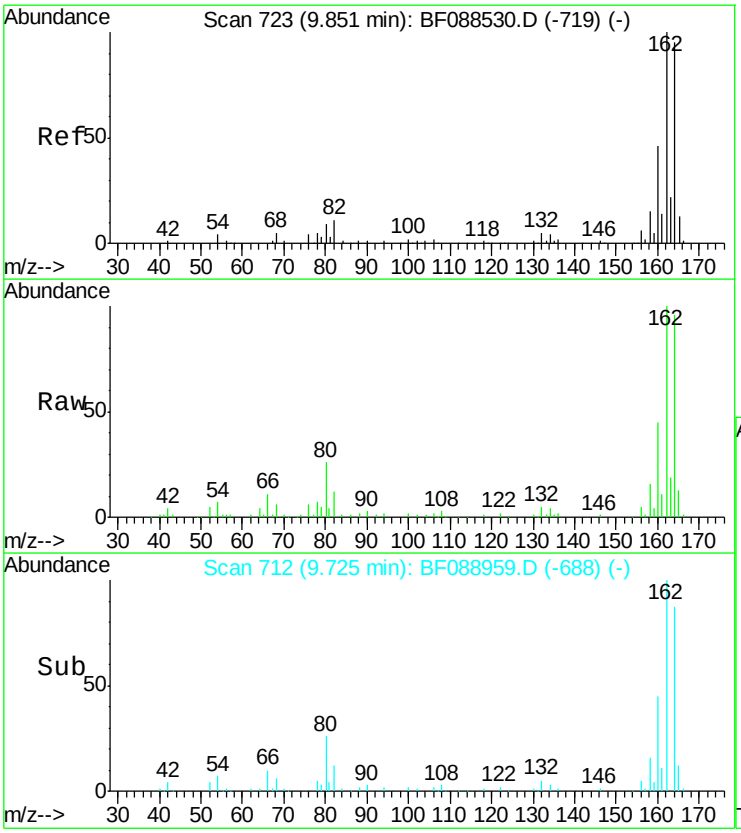
#25
Isophorone
Concen: 29.89 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.29 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion: 82 Resp: 251776

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

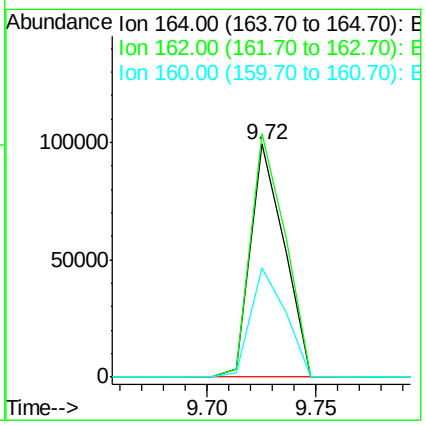


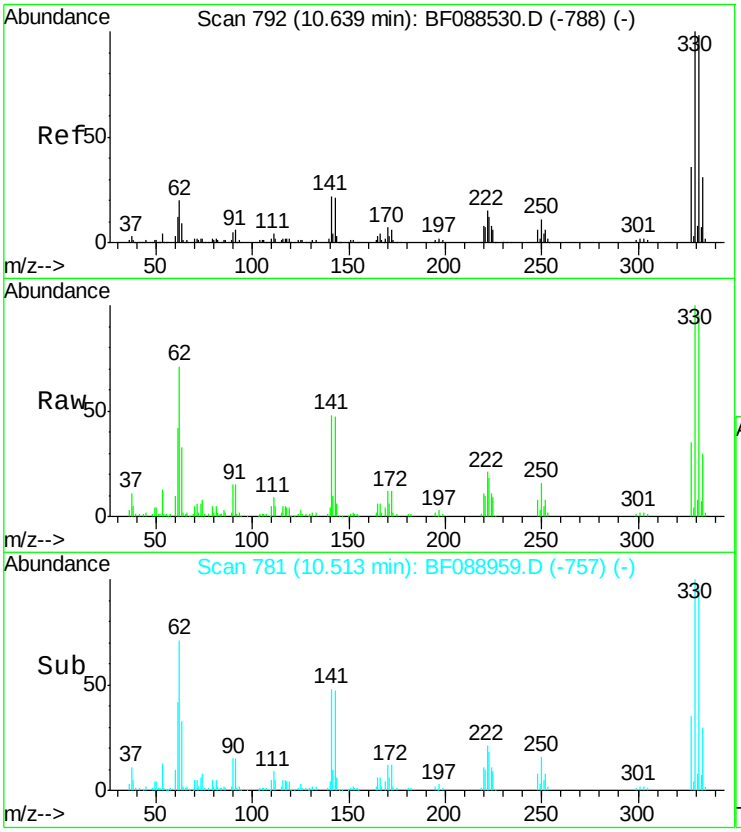


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:164 Resp: 107209

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.4	128.2
160	46.9	39.5	59.3



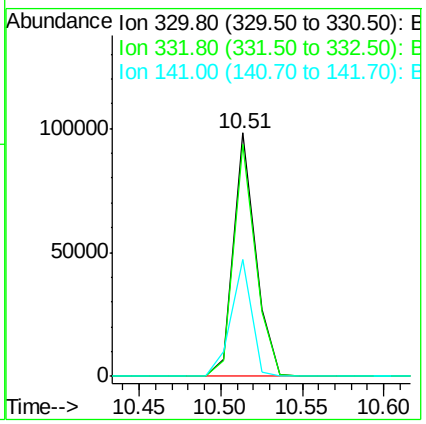


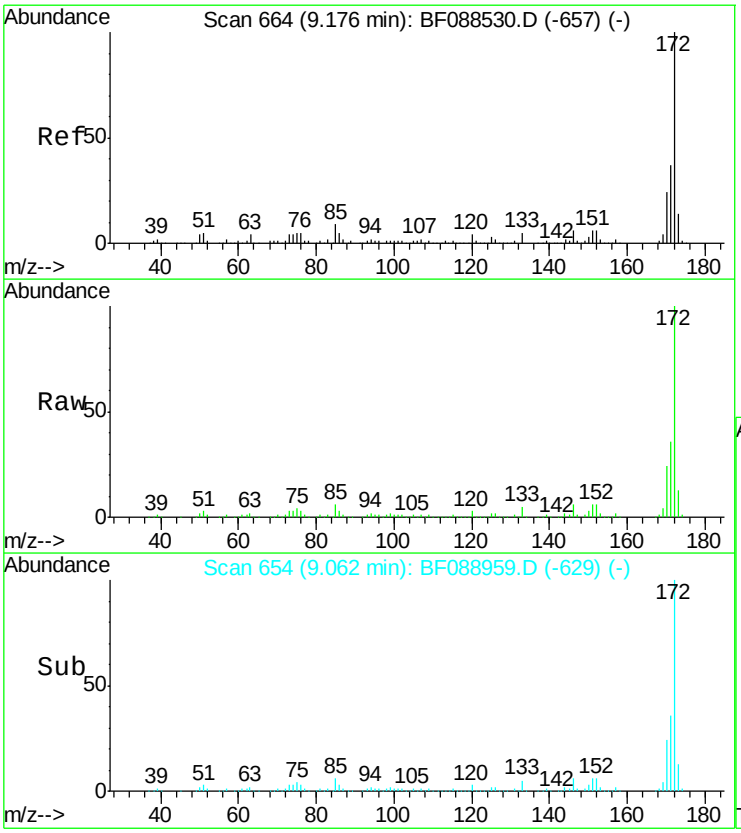
#41
2,4,6-Tribromophenol
Concen: 91.61 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:330 Resp: 91206

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	44.2	0.0	0.0#

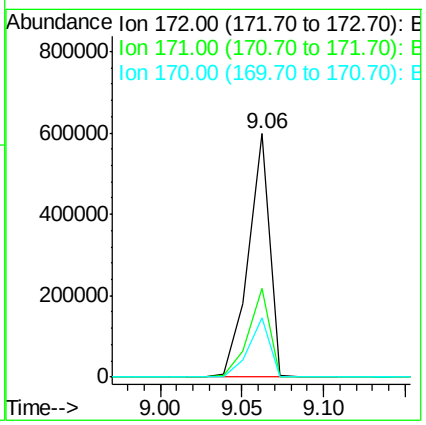


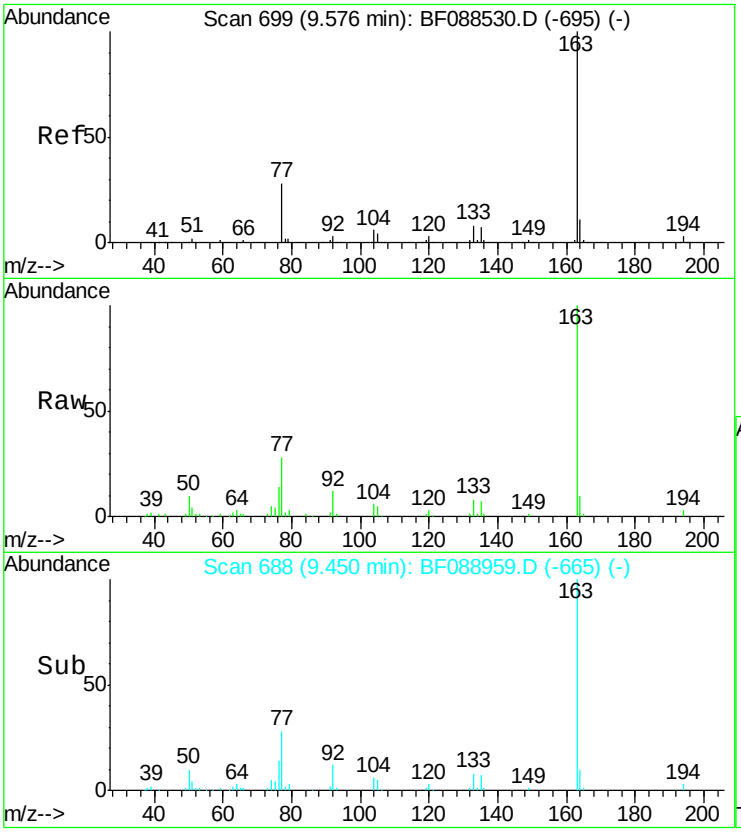


#44
2-Fluorobiphenyl
Concen: 80.18 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:172 Resp: 544191

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.3	19.2	28.8



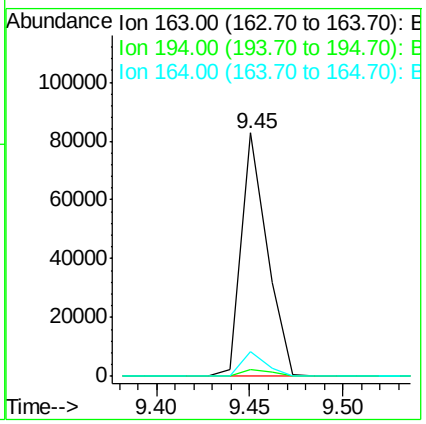


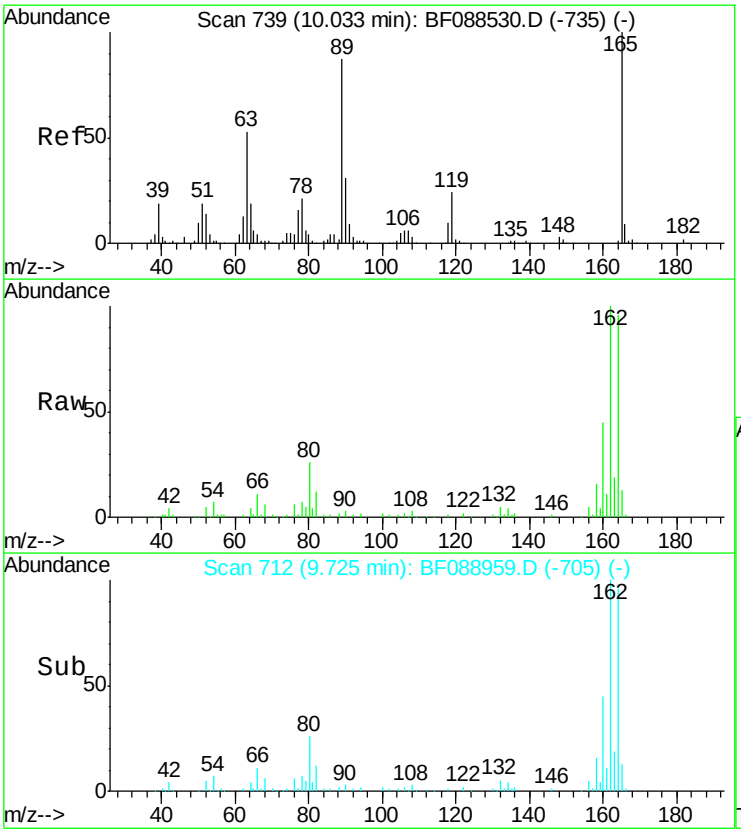
#49
Dimethylphthalate
Concen: 10.55 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:163 Resp: 80578

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.4	8.3	12.5

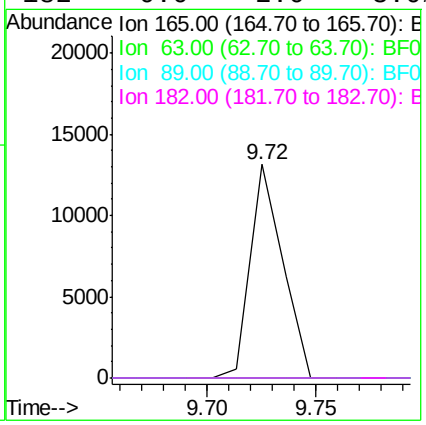


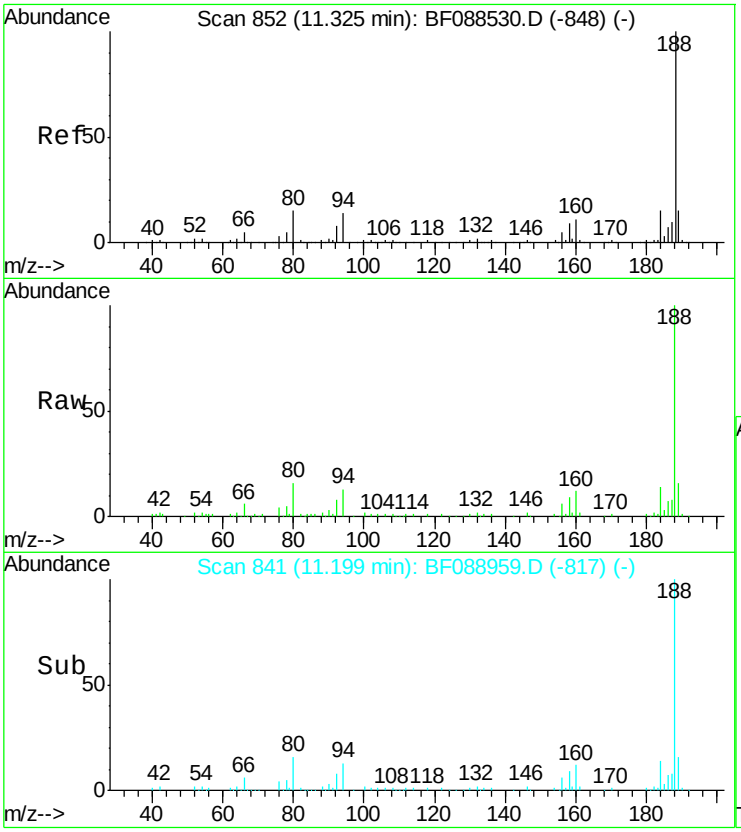


#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.22 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:165 Resp: 13687

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#



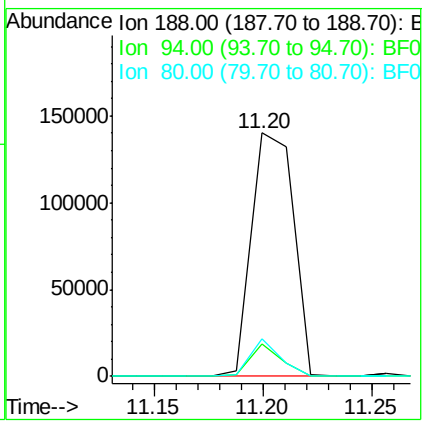


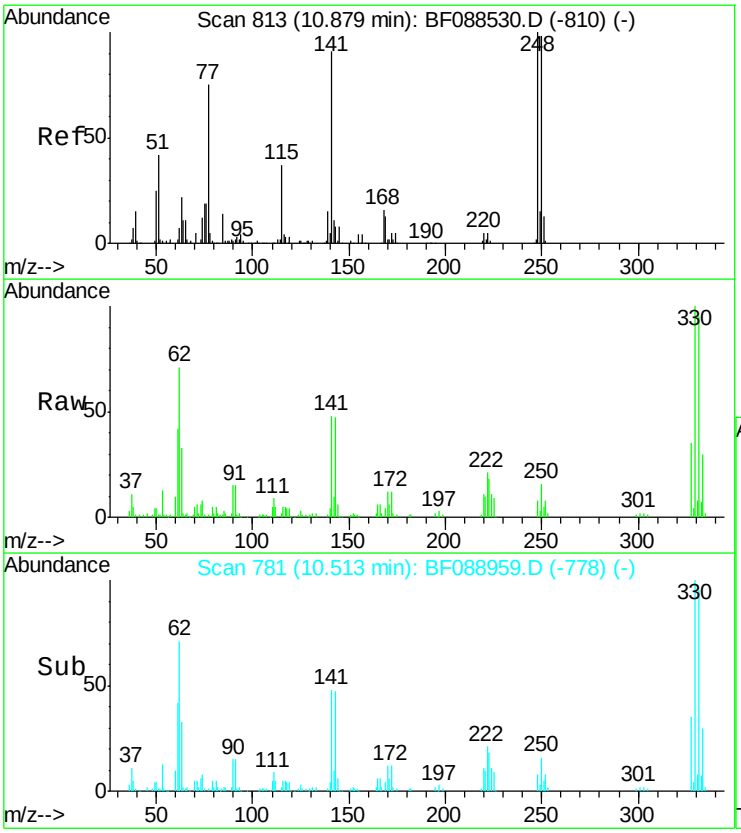
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:188 Resp: 189540

Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.0	13.6
80	15.6	10.0	15.0#

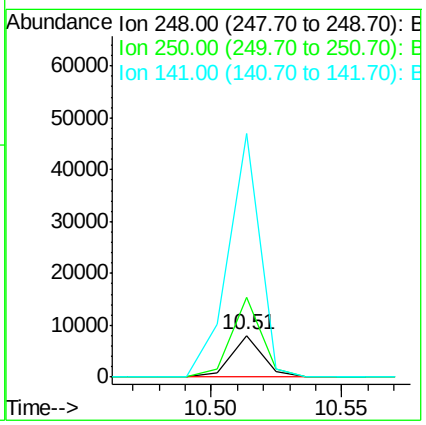


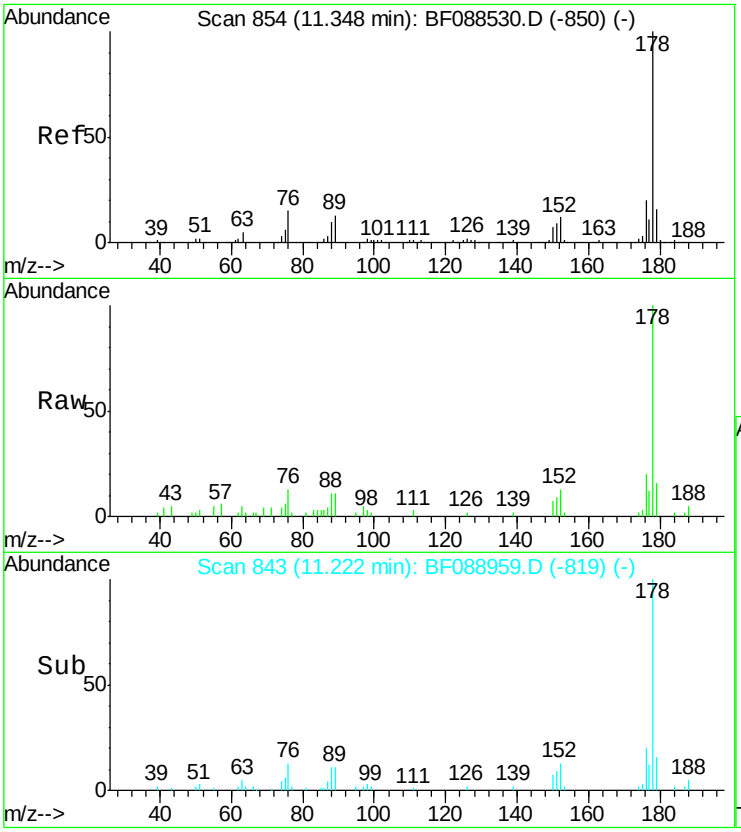


#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:248 Resp: 6717

Ion	Ratio	Lower	Upper
248	100		
250	190.7	77.1	115.7#
141	585.9	50.6	76.0#



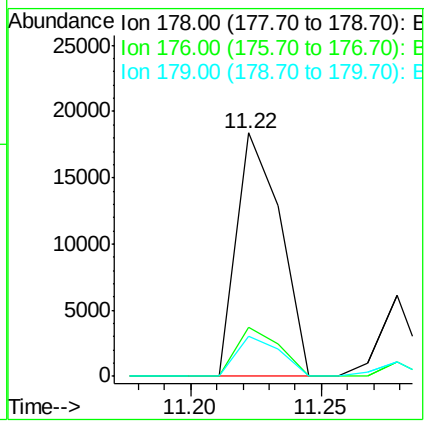


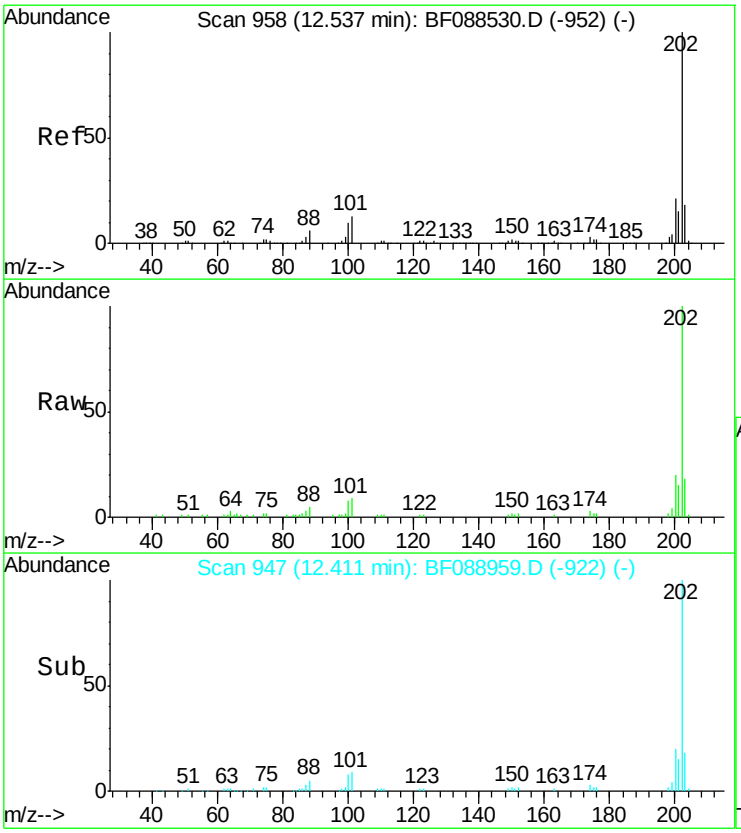
#70
Phenanthrene
Concen: 2.07 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:178 Resp: 21471

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.2	13.0	19.4

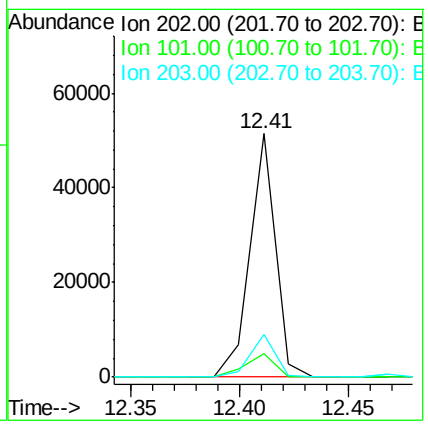


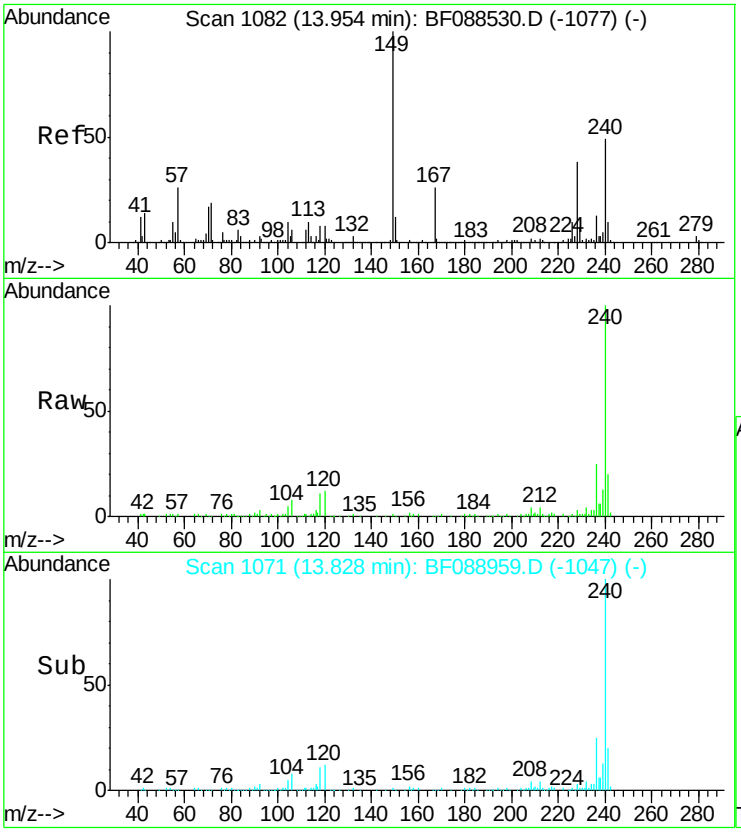


#74
Fluoranthene
Concen: 3.98 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:202 Resp: 41821

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	33.1
203	17.5	0.0	38.1



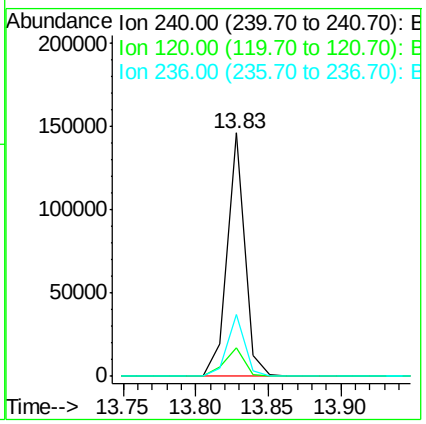


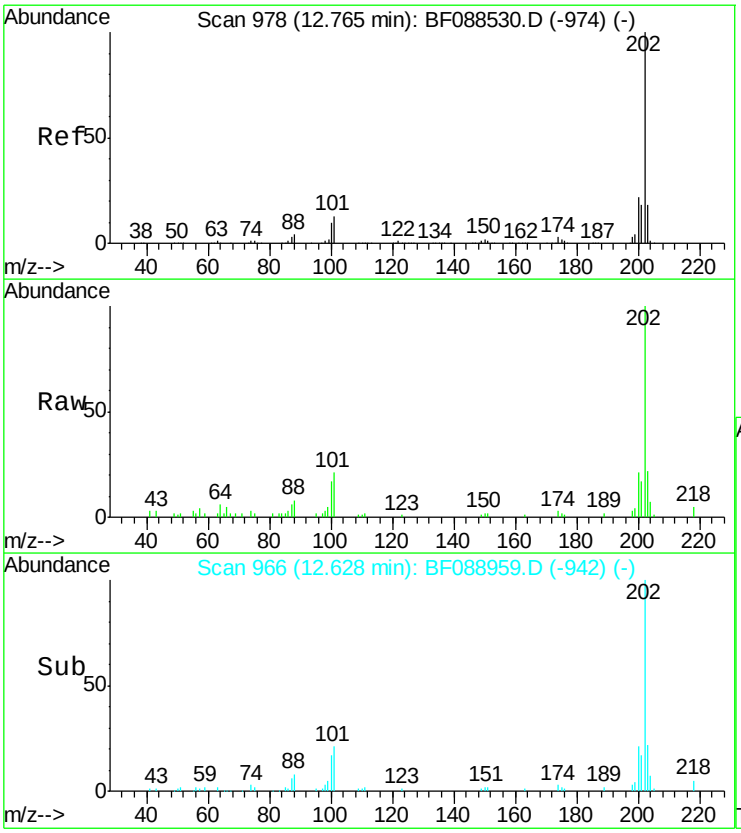
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:240 Resp: 123080

Ion	Ratio	Lower	Upper
240	100		
120	11.6	6.8	10.2#
236	25.3	20.2	30.2

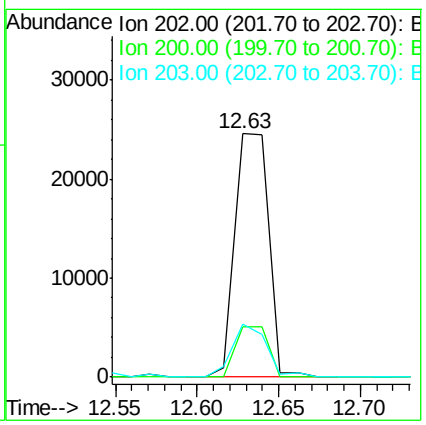


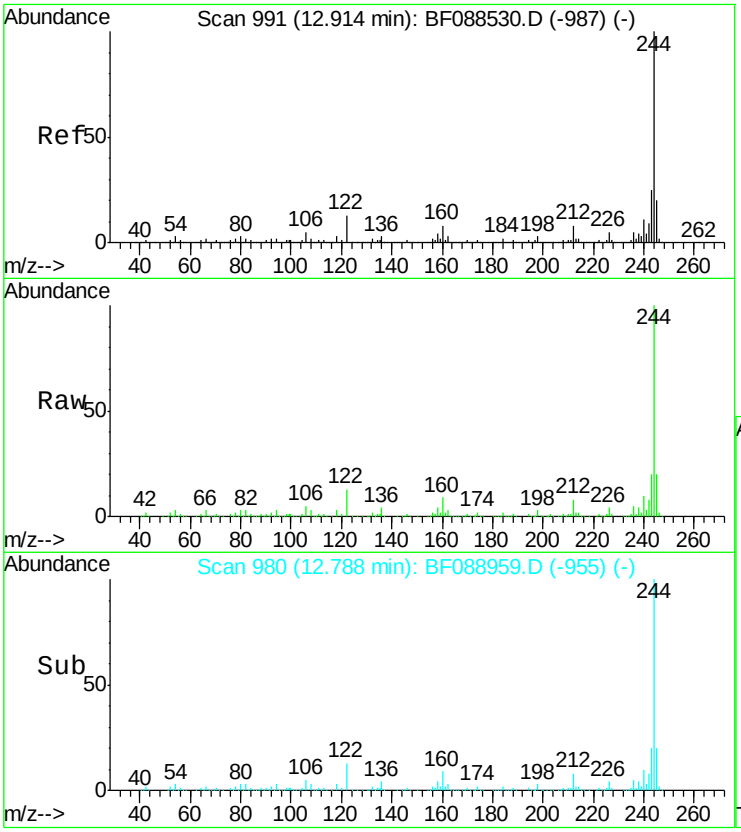


#77
Pyrene
Concen: 3.34 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:202 Resp: 34849

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	21.7	14.5	21.7



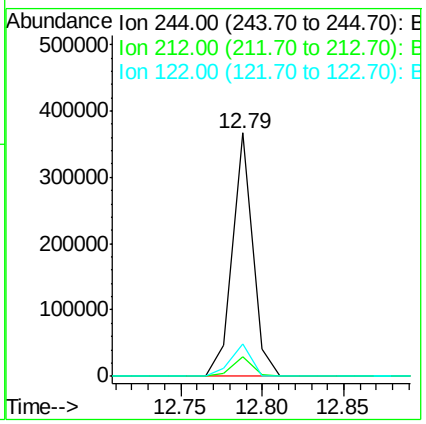


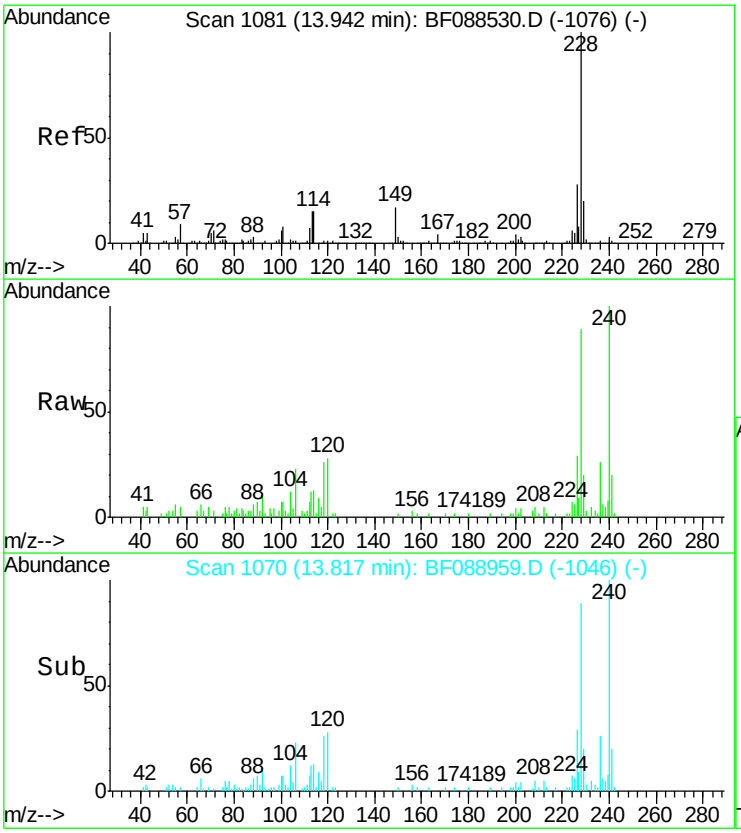
#78
Terphenyl-d14
Concen: 56.66 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:244 Resp: 313100

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.5	11.2	16.8

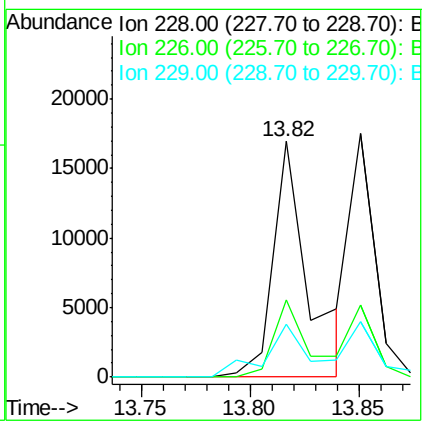


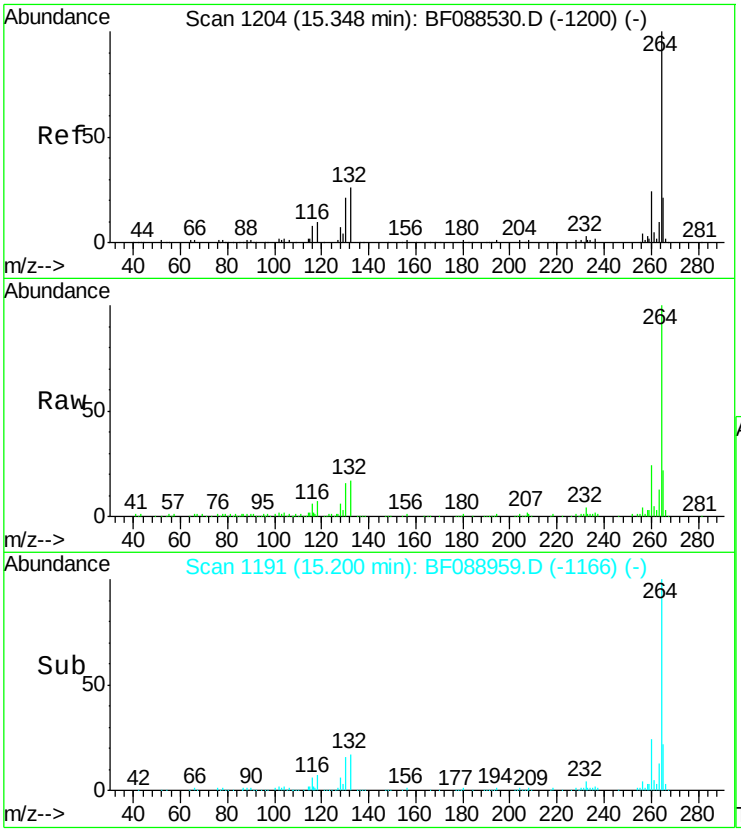


#80
Benzo(a)anthracene
Concen: 2.42 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:228 Resp: 19216

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.3	33.5
229	22.3	16.0	24.0



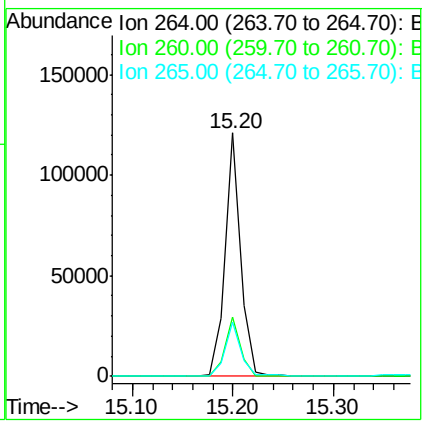


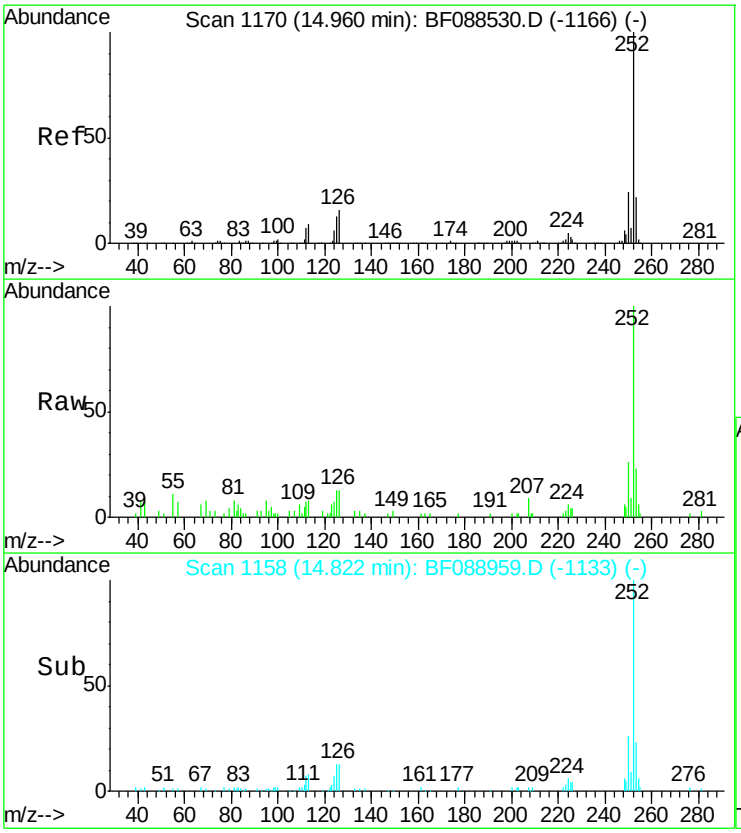
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:264 Resp: 130727

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	16.9	25.3

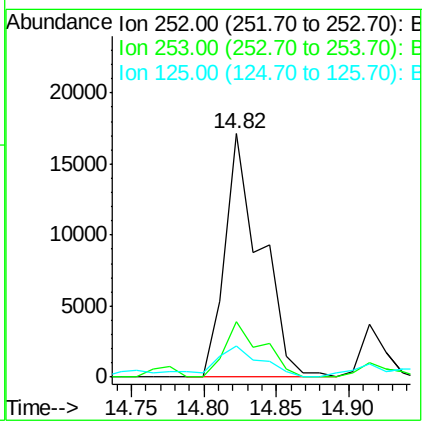


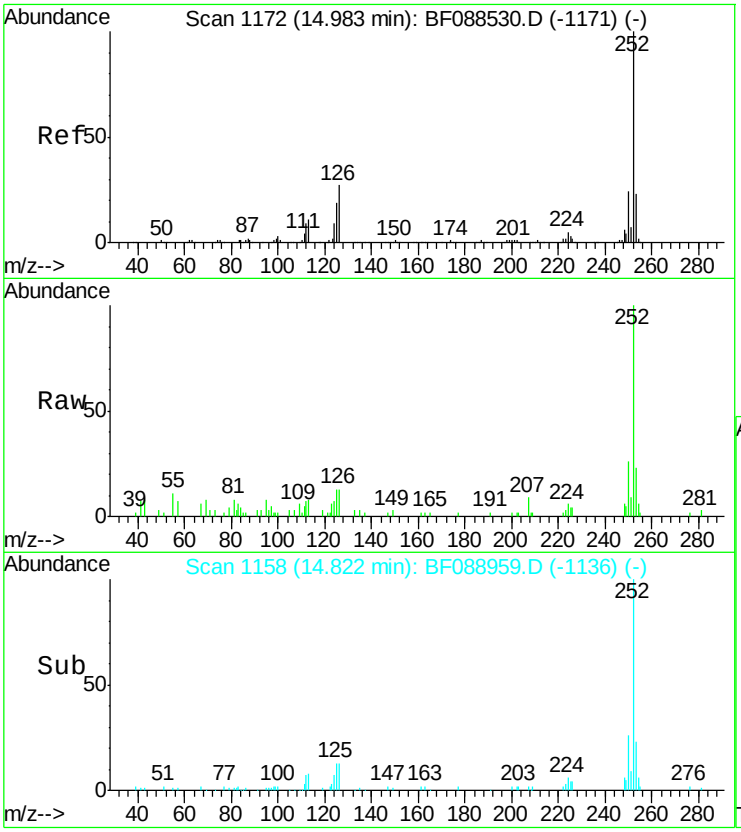


#87
Benzo(b)fluoranthene
Concen: 3.57 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:252 Resp: 29294

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	12.6	7.1	10.7#



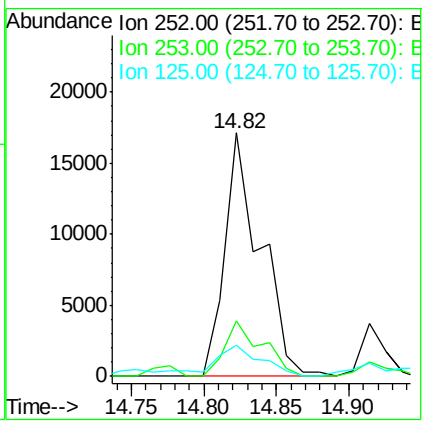


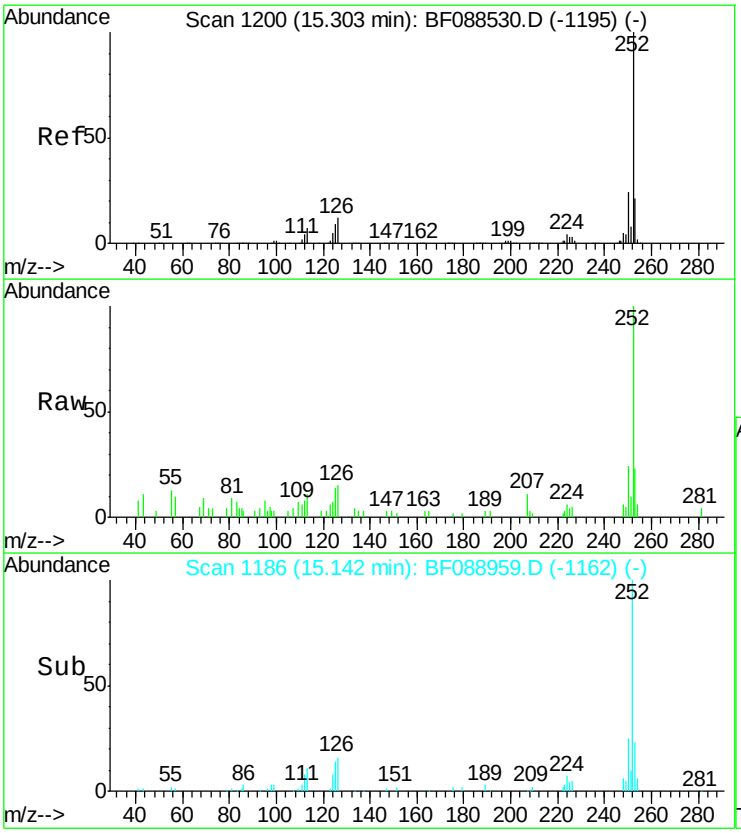
#88
Benzo(k)fluoranthene
Concen: 4.10 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion:252 Resp: 29294

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.6	11.2	16.8





#89
Benzo(a)pyrene
Concen: 2.35 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:252 Resp: 16289

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.9	12.5	18.7