Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088763.D
Acq On : 7 Jul 2016 5:17
Operator : UM/SJ
Sample : H3878-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2.1-07

Quant Time: Jul 07 06:41:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 01:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	82039	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	349978	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	152909	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	242777	20.00	ng		0.00
75) Chrysene-d12	13.89	240	175124	20.00	ng		0.00
86) Perylene-d12	15.27	264	167276	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	309127	56.47	ng		0.00
7) Phenol-d6	6.39	99	419222	59.27	ng		0.00
23) Nitrobenzene-d5	7.31	82	277345	41.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	78483	55.27	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	404367	41.77	ng		-0.01
78) Terphenyl-d14	12.85	244	311178	39.58	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	36743	7.73	ng	#	69
25) Isophorone	7.31	82	204055	16.49	ng	#	65
49) Dimethylphthalate	9.51	163	83951	7.71	ng		99
56) 2,4-Dinitrotoluene	9.78	165	20438	6.47	ng	#	38
66) 4-Bromophenyl-phenylether	10.57	248	4908	2.01	ng	#	1
70) Phenanthrene	11.28	178	47051	3.55	ng		99
74) Fluoranthene	12.46	202	45580	3.39	ng		94
77) Pyrene	12.69	202	43638	2.94	ng		98
87) Benzo(b)fluoranthene	14.88	252	33918	3.23	ng	#	94
88) Benzo(k)fluoranthene	14.88	252	33918	3.71	ng		99

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

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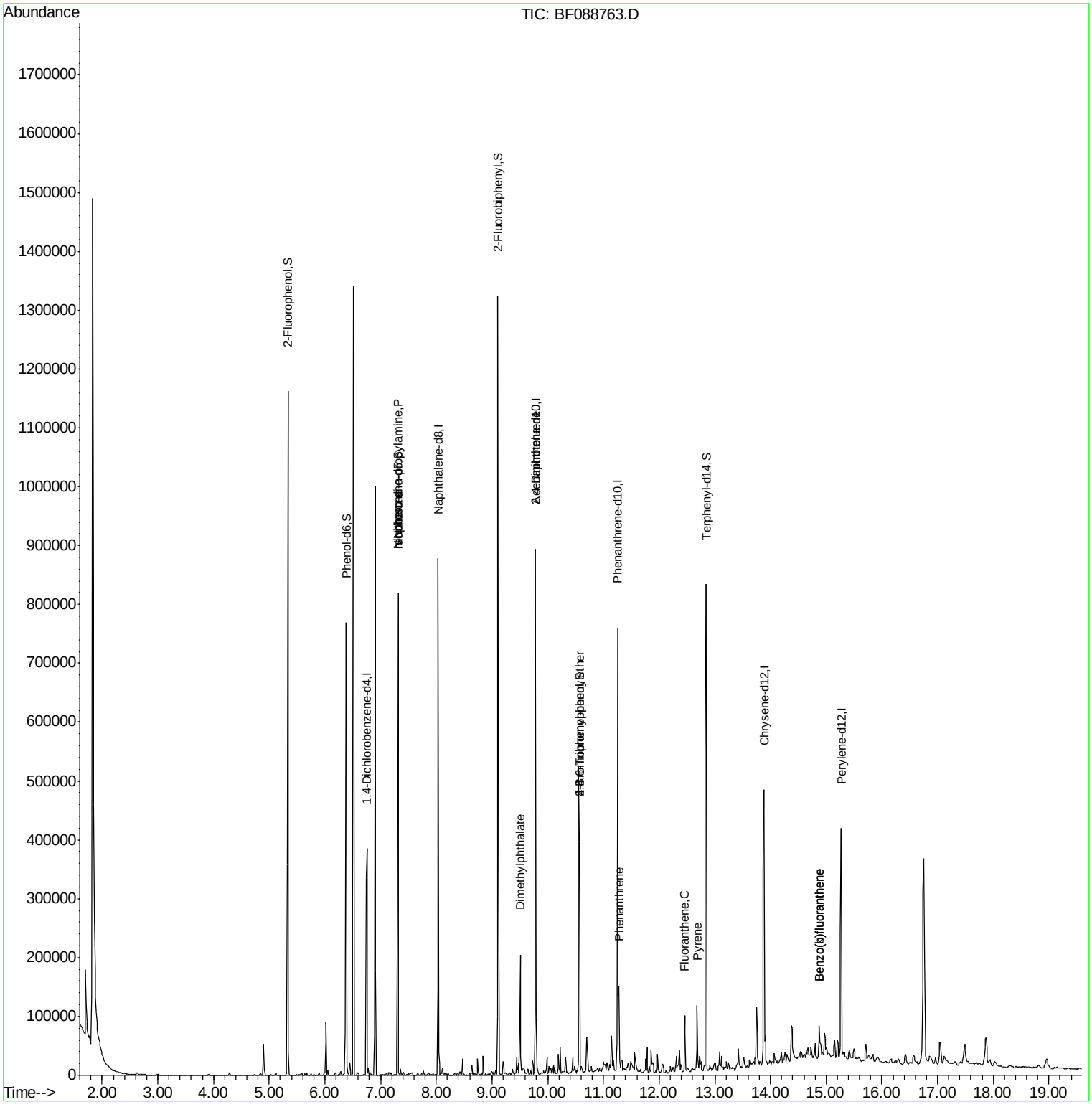
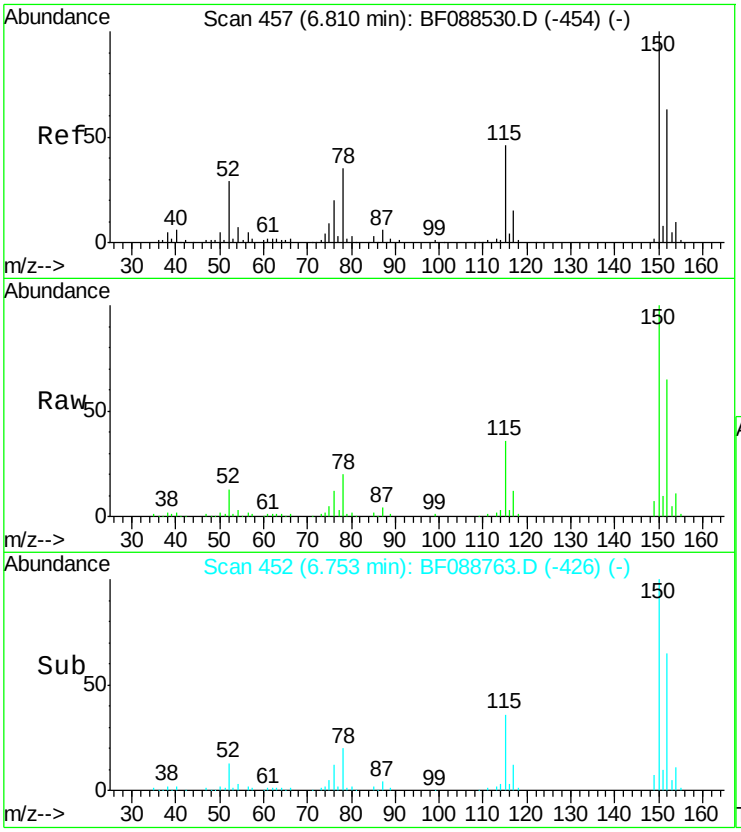


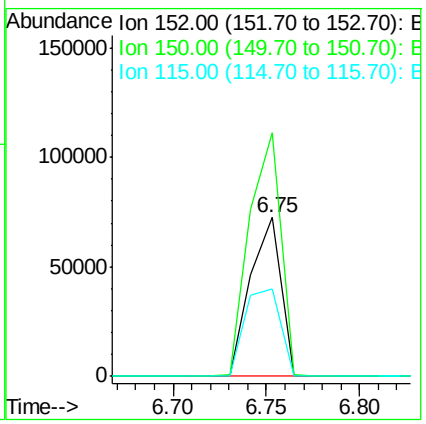


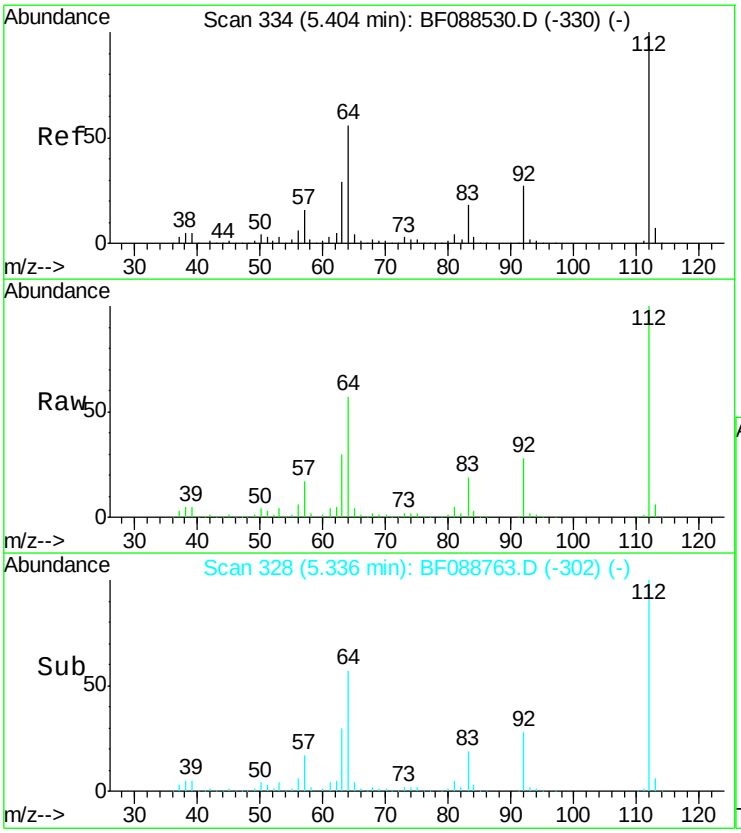
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion:152 Resp: 82039

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.8	185.6
115	54.8	39.6	59.4

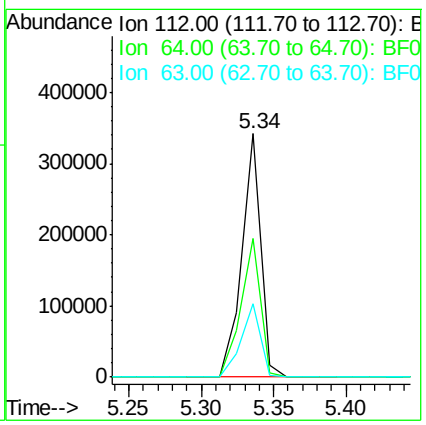


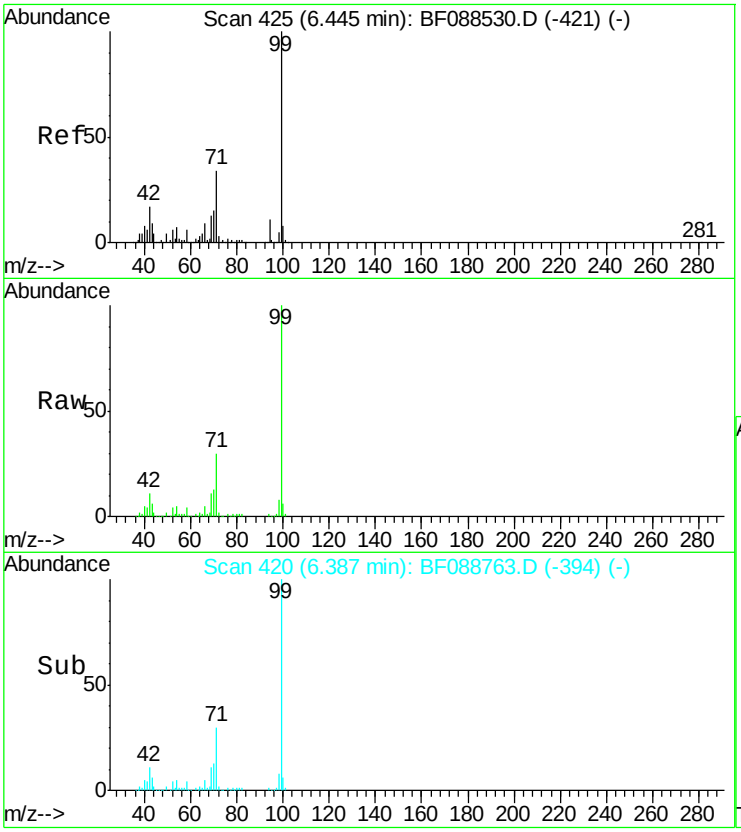


#5
2-Fluorophenol
Concen: 56.47 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion:112 Resp: 309127

Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.2	63.2
63	30.0	21.8	32.8



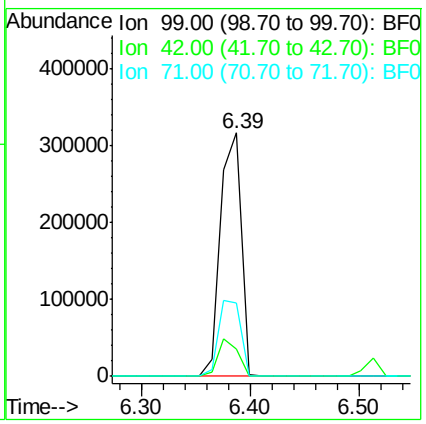


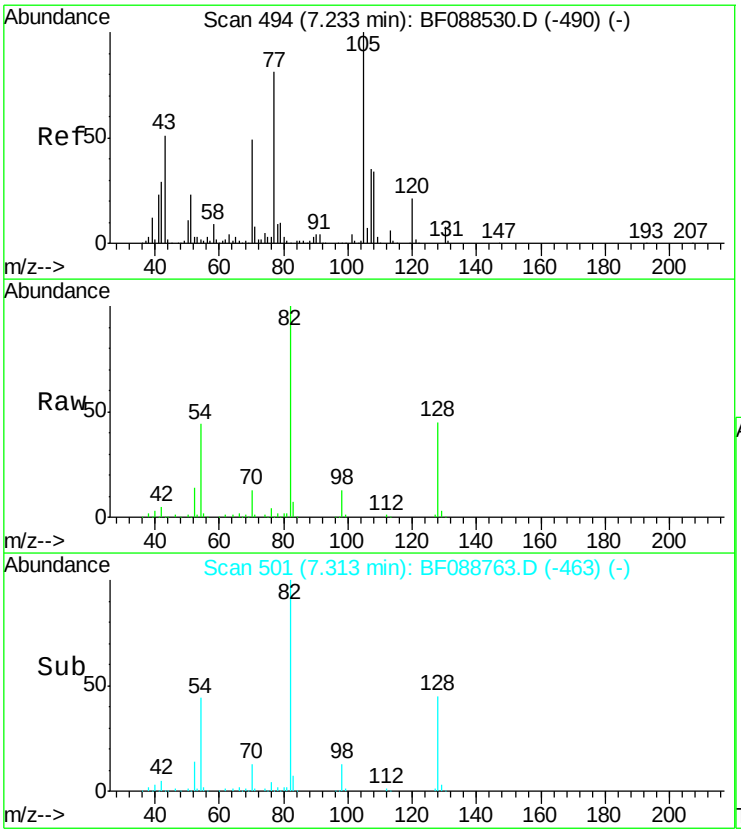
#7
Phenol-d6
Concen: 59.27 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion: 99 Resp: 419222

Ion	Ratio	Lower	Upper
99	100		
42	11.4	12.2	18.2#
71	29.9	23.4	35.0

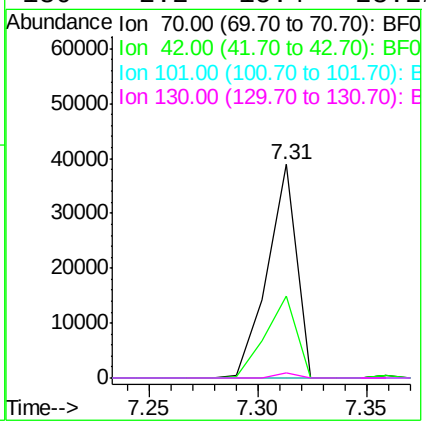


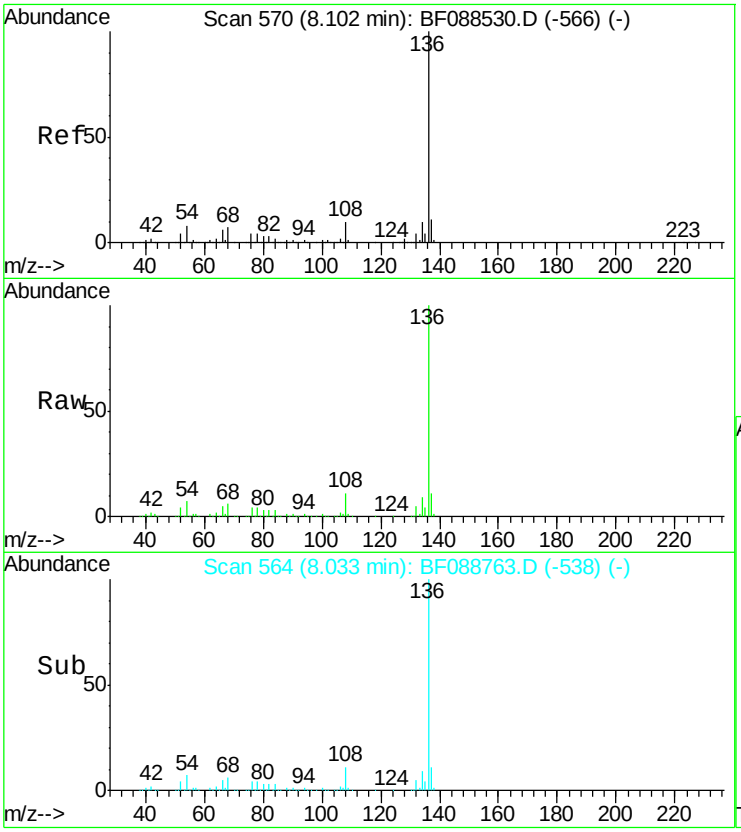


#19
n-Nitroso-di-n-propylamine
Concen: 7.73 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.14 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion: 70 Resp: 36743

Ion	Ratio	Lower	Upper
70	100		
42	38.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



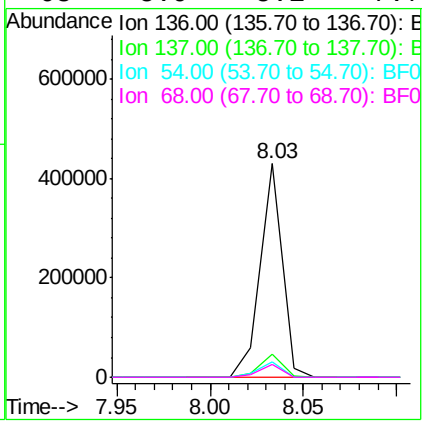


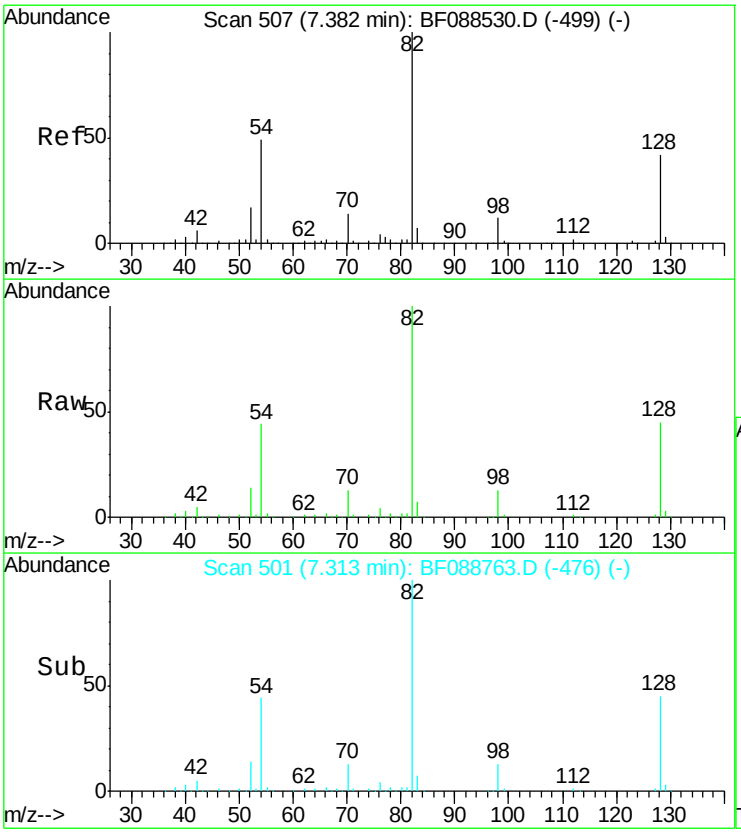
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion:136 Resp: 349978

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.0	6.6	10.0
68	5.9	5.1	7.7

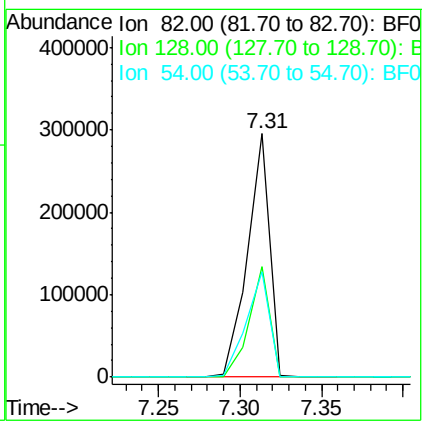


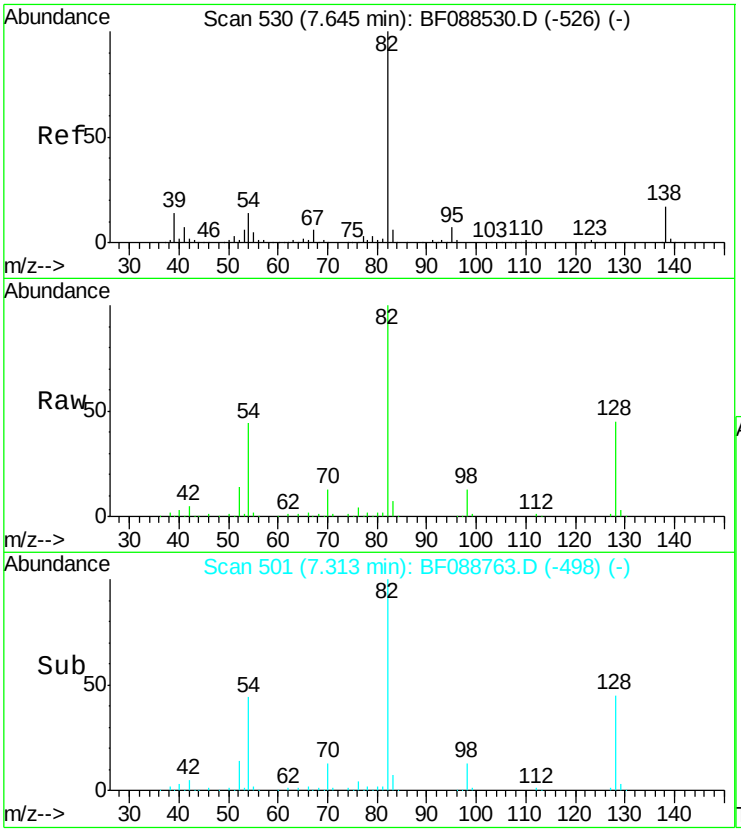


#23
Nitrobenzene-d5
Concen: 41.53 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion: 82 Resp: 277345

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.9	53.9
54	43.5	40.9	61.3



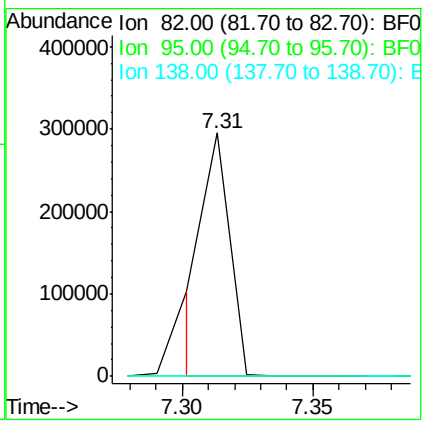


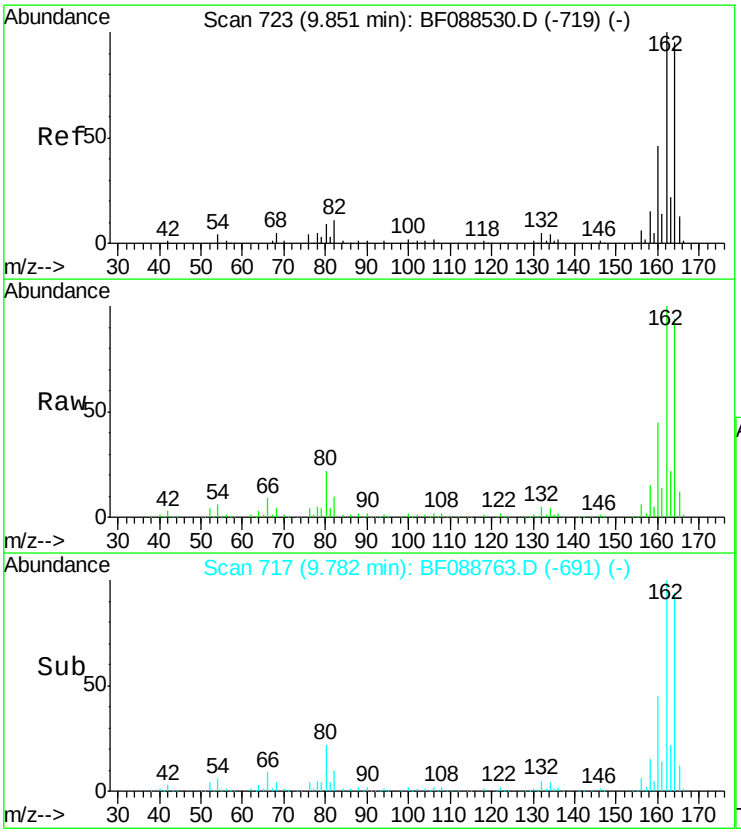
#25
Isophorone
Concen: 16.49 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.26 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion: 82 Resp: 204055

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

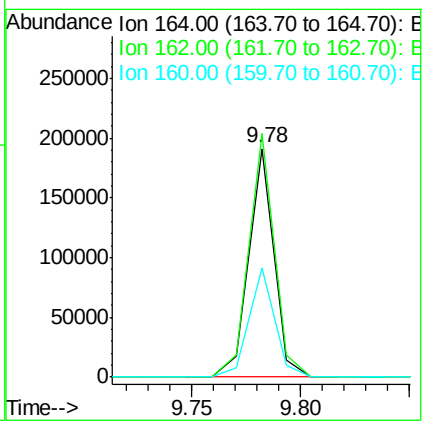


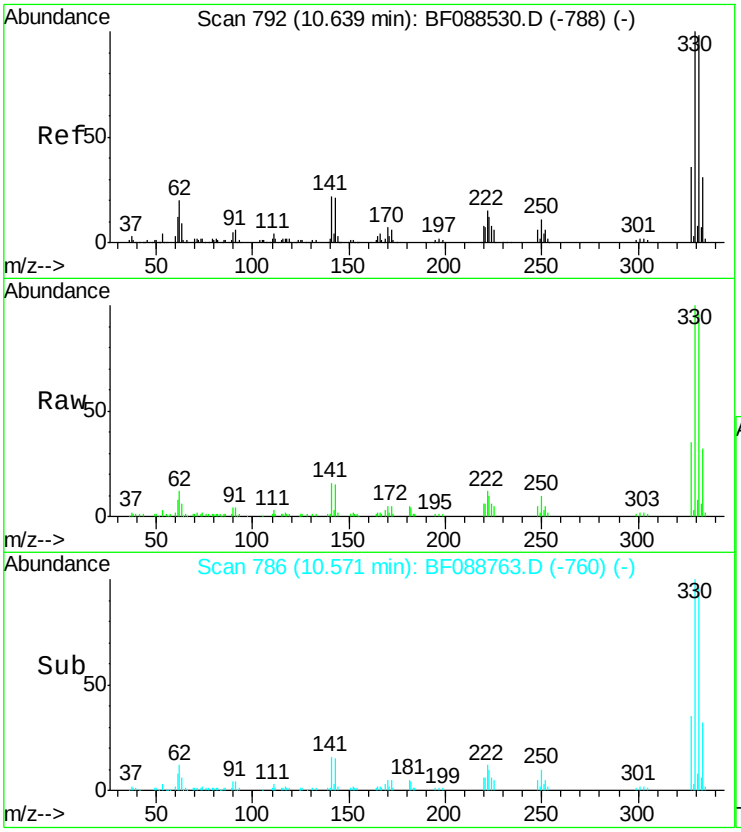


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion:164 Resp: 152909

Ion	Ratio	Lower	Upper
164	100		
162	106.6	85.4	128.2
160	47.8	39.5	59.3



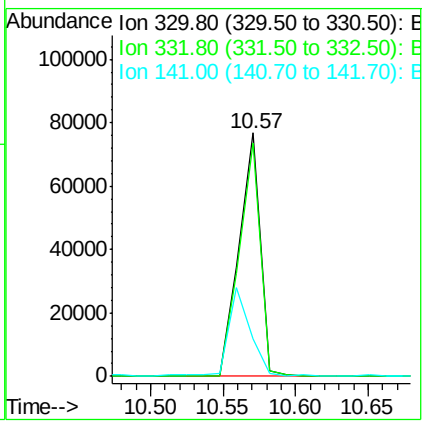


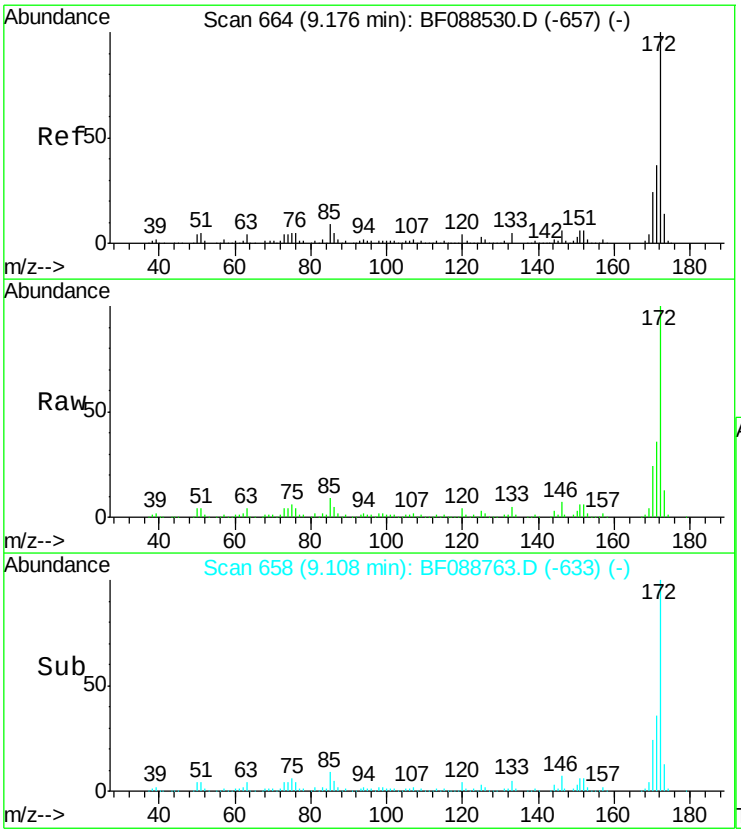
#41
2,4,6-Tribromophenol
Concen: 55.27 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion:330 Resp: 78483

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	38.7	0.0	0.0#

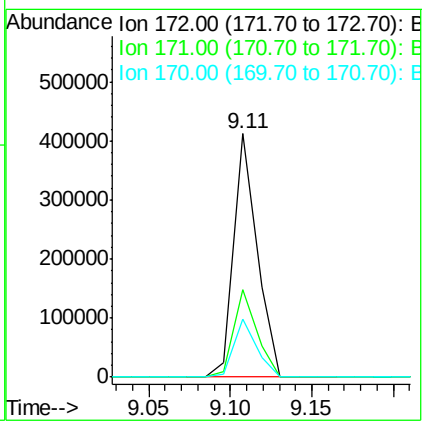


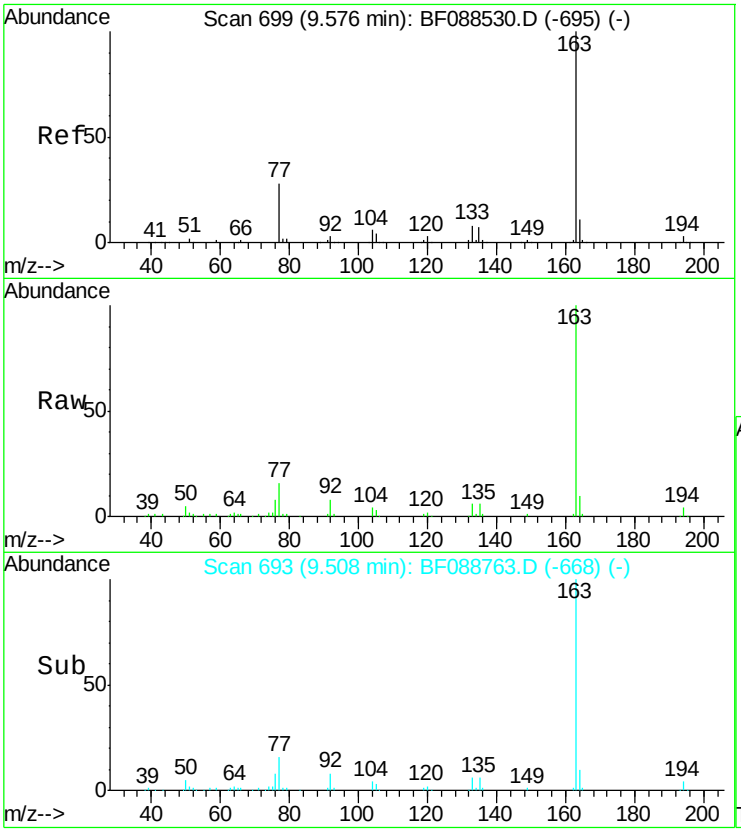


#44
2-Fluorobiphenyl
Concen: 41.77 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion:172 Resp: 404367

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.6	19.2	28.8



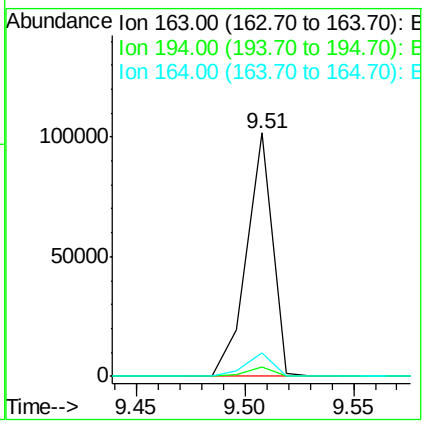


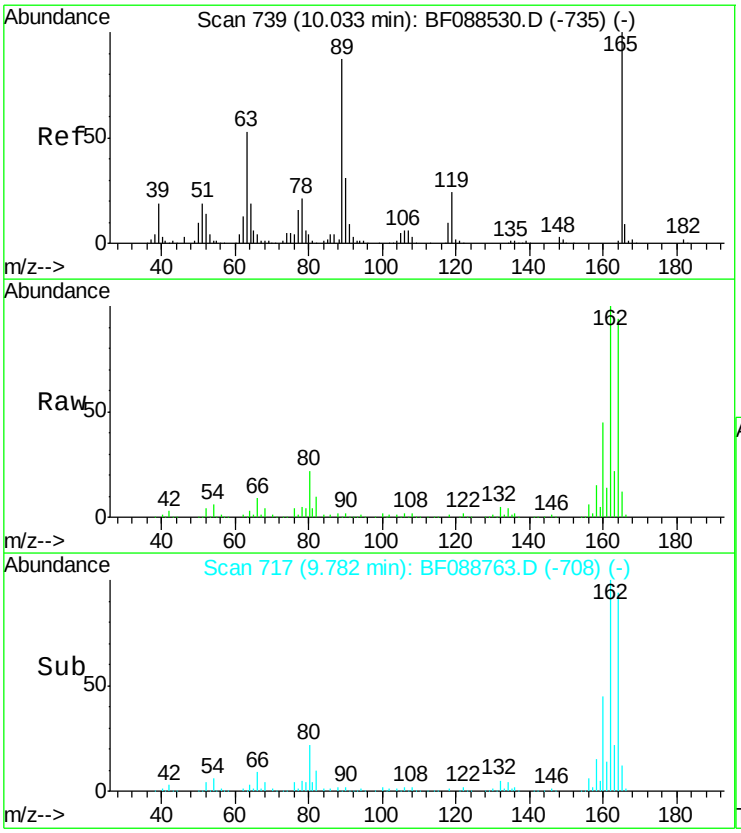
#49
Dimethylphthalate
Concen: 7.71 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion:163 Resp: 83951

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.7	8.3	12.5

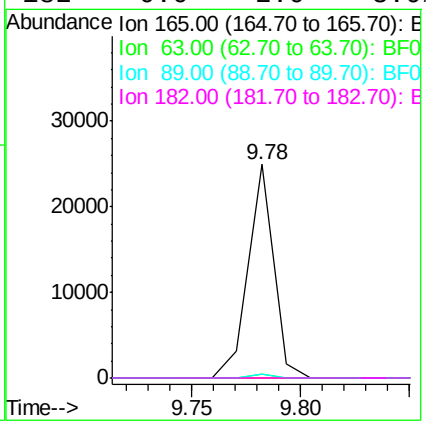


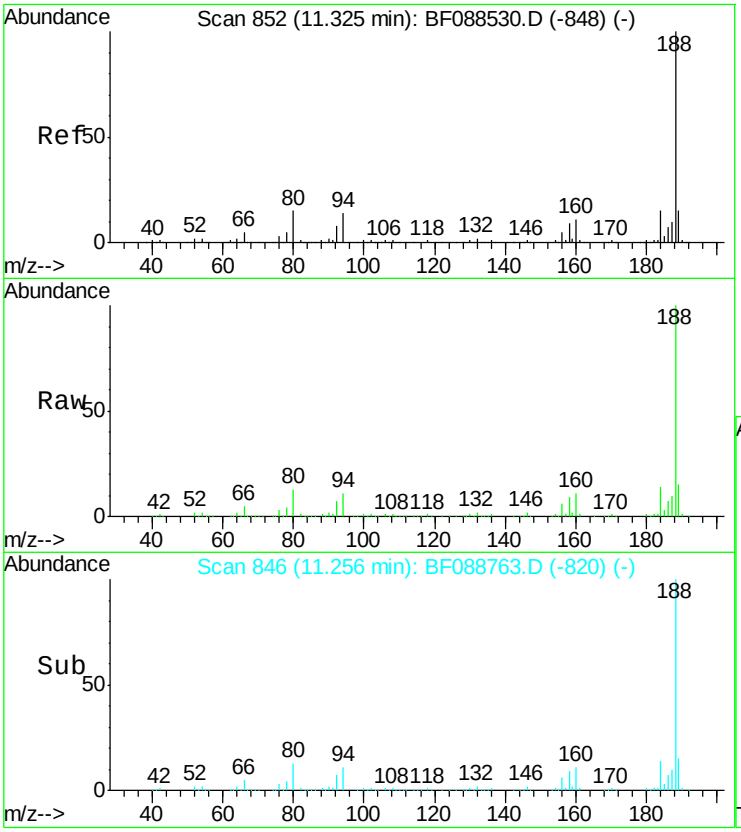


#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.19 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion:165 Resp: 20438

Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	2.1	41.1	61.7#
182	0.0	2.0	3.0#



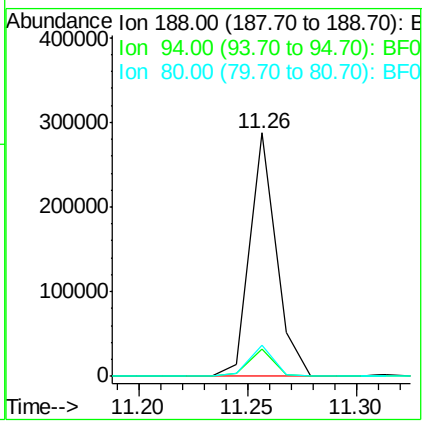


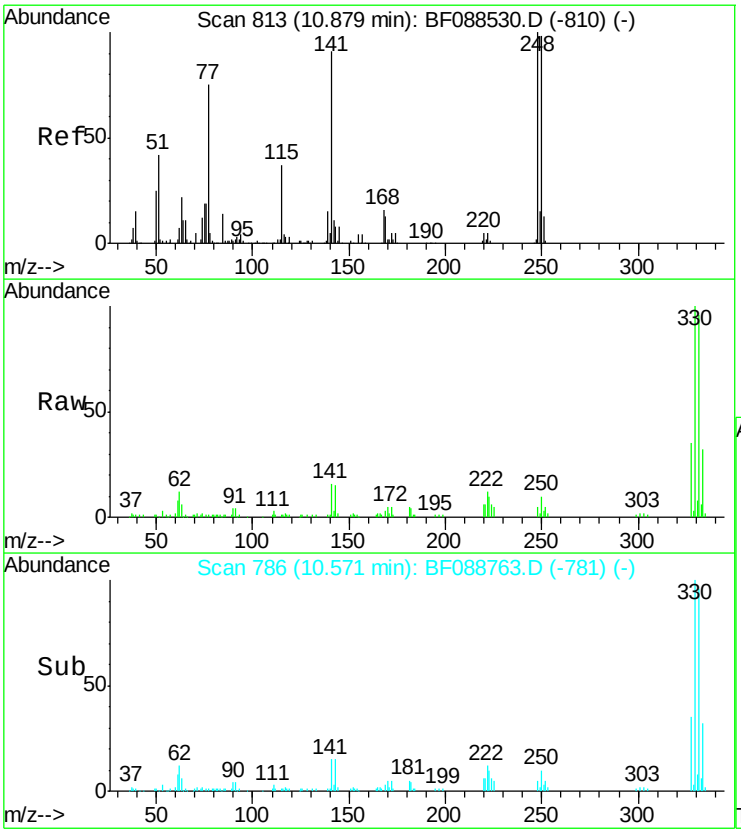
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion:188 Resp: 242777

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.6
80	13.0	10.0	15.0

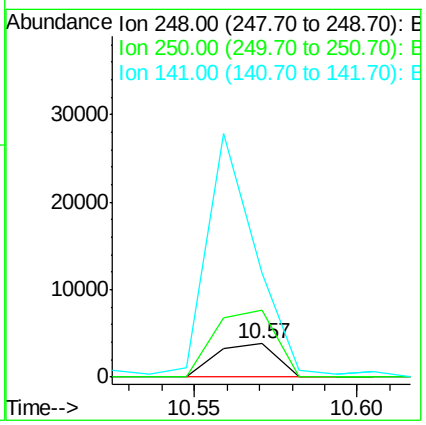


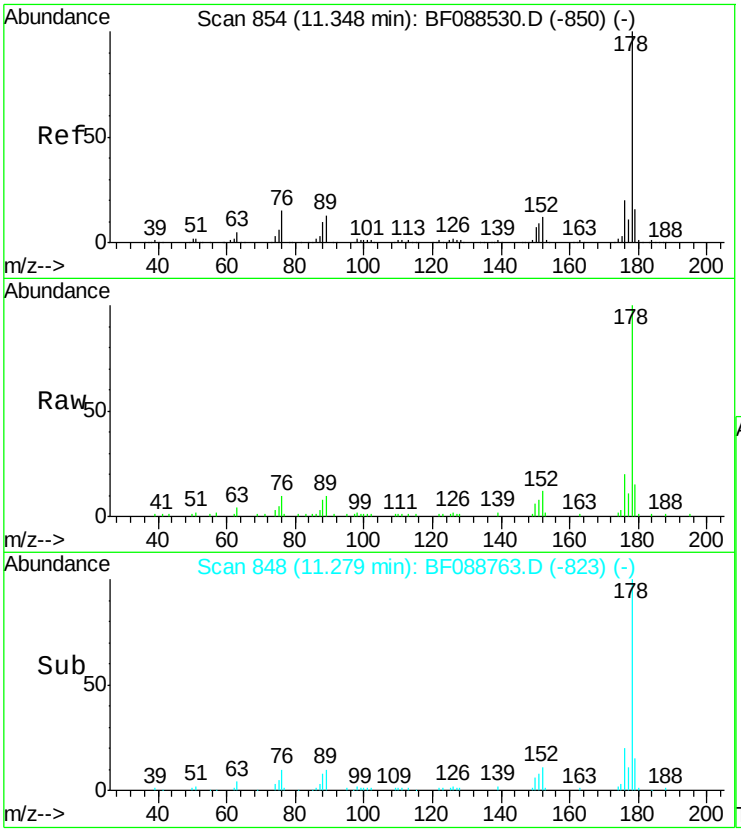


#66
4-Bromophenyl-phenylether
Concen: 2.01 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.24 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion:248 Resp: 4908

Ion	Ratio	Lower	Upper
248	100		
250	200.6	77.1	115.7#
141	311.4	50.6	76.0#



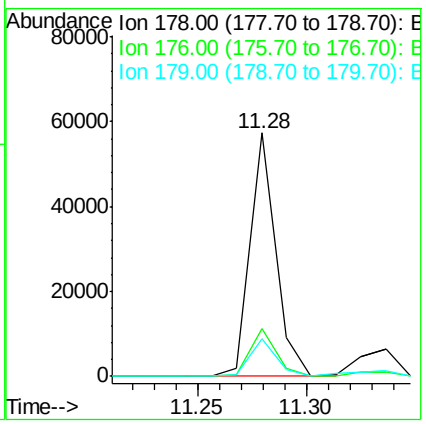


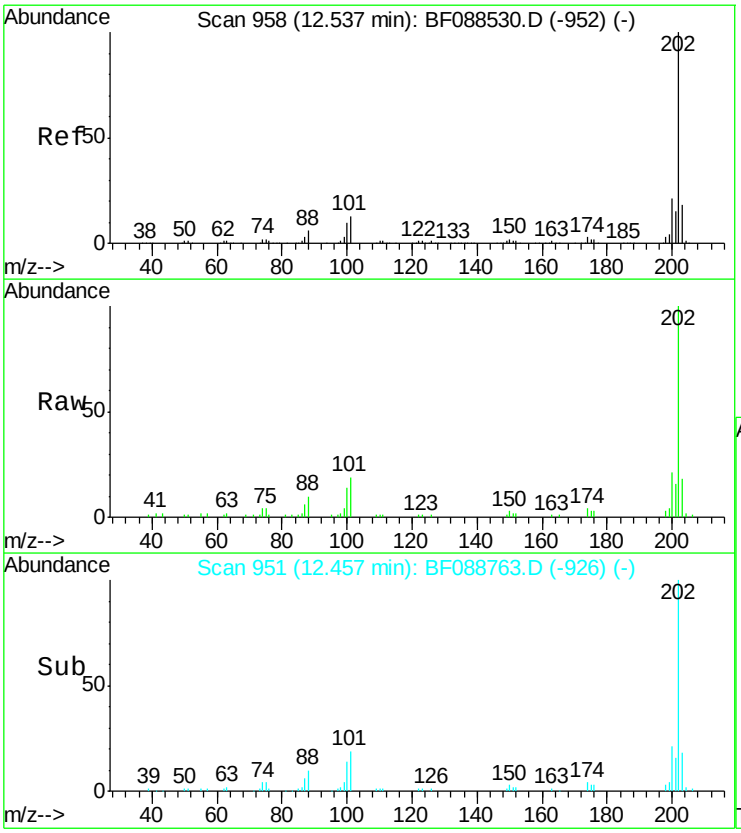
#70
Phenanthrene
Concen: 3.55 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion:178 Resp: 47051

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.3	13.0	19.4

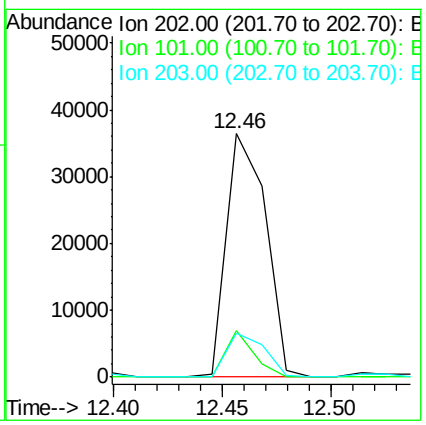


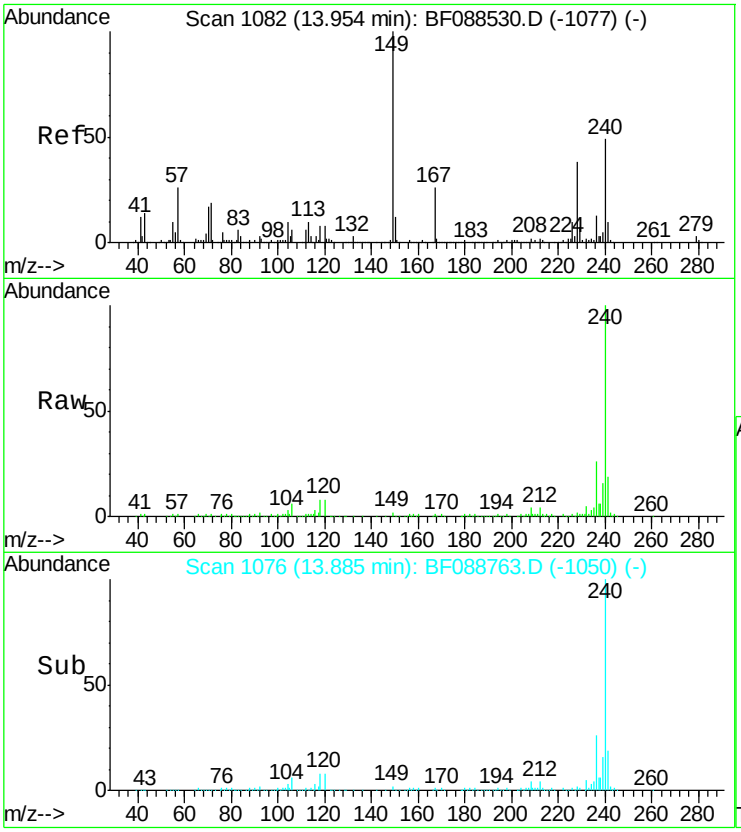


#74
Fluoranthene
Concen: 3.39 ng
RT: 12.46 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion:202 Resp: 45580

Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	33.1
203	17.9	0.0	38.1



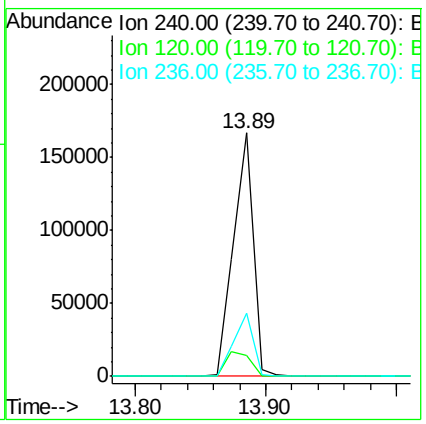


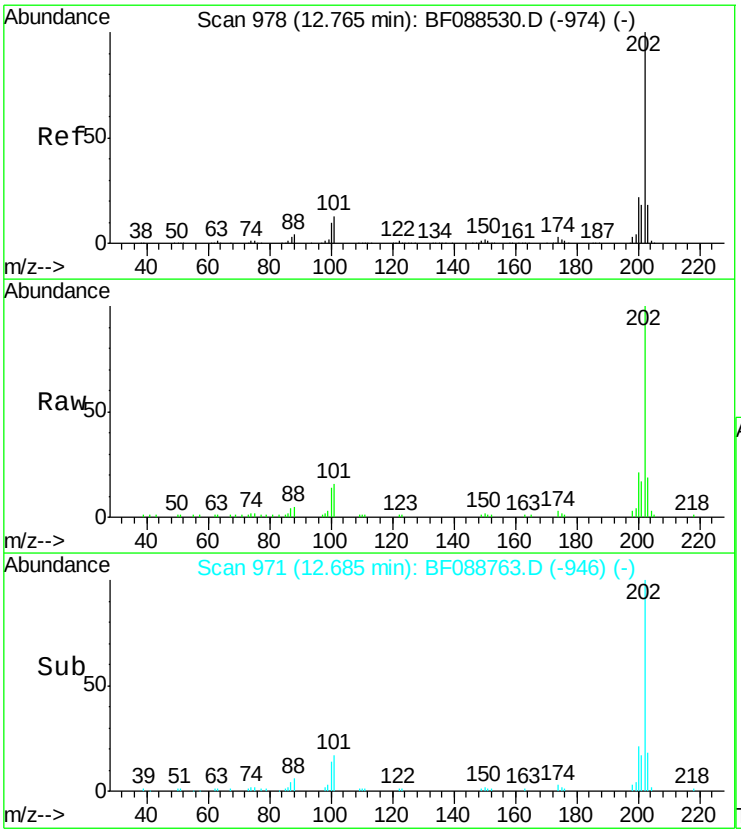
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion:240 Resp: 175124

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.8	10.2
236	25.7	20.2	30.2

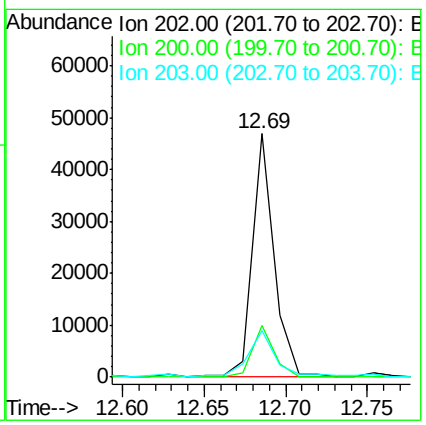


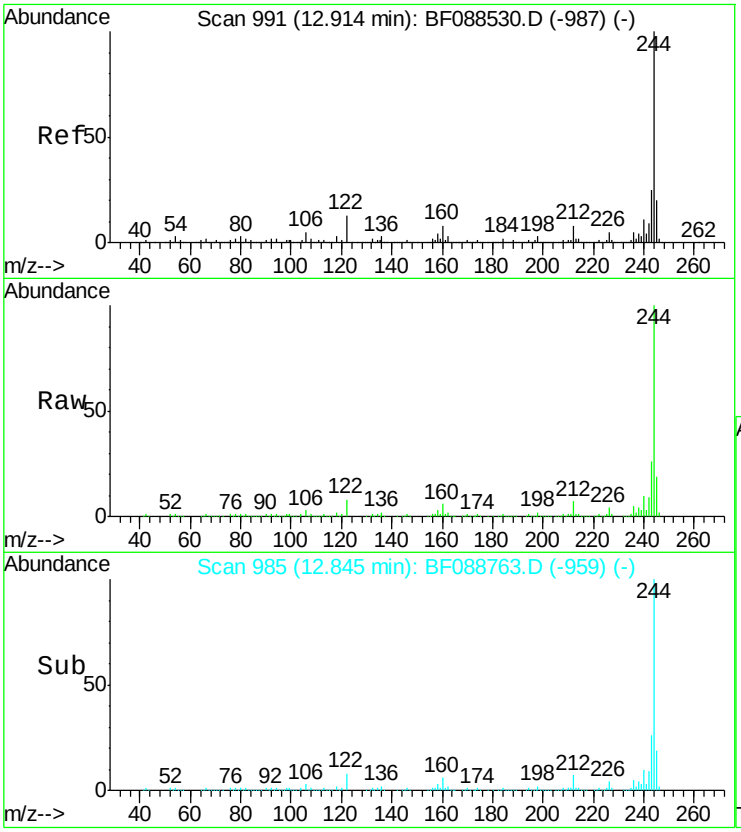


#77
Pyrene
Concen: 2.94 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion:202 Resp: 43638

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	19.2	14.5	21.7



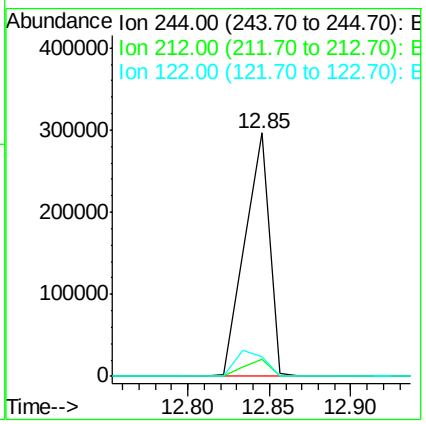


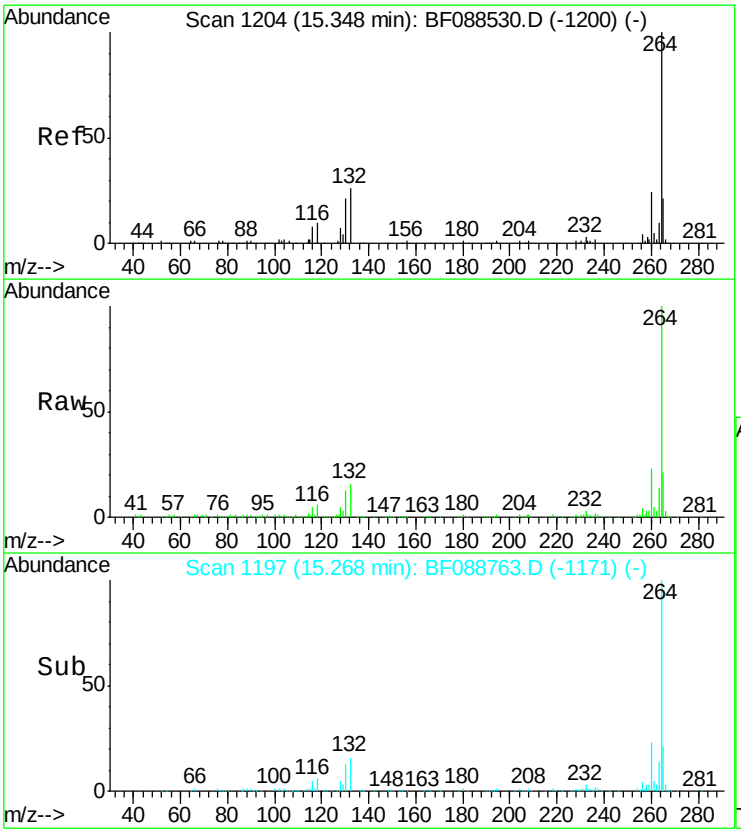
#78
Terphenyl-d14
Concen: 39.58 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion:244 Resp: 311178

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	7.9	11.2	16.8#

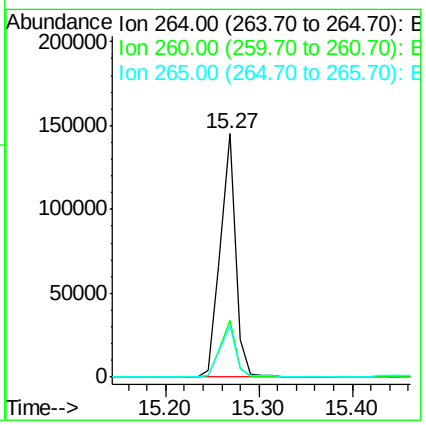


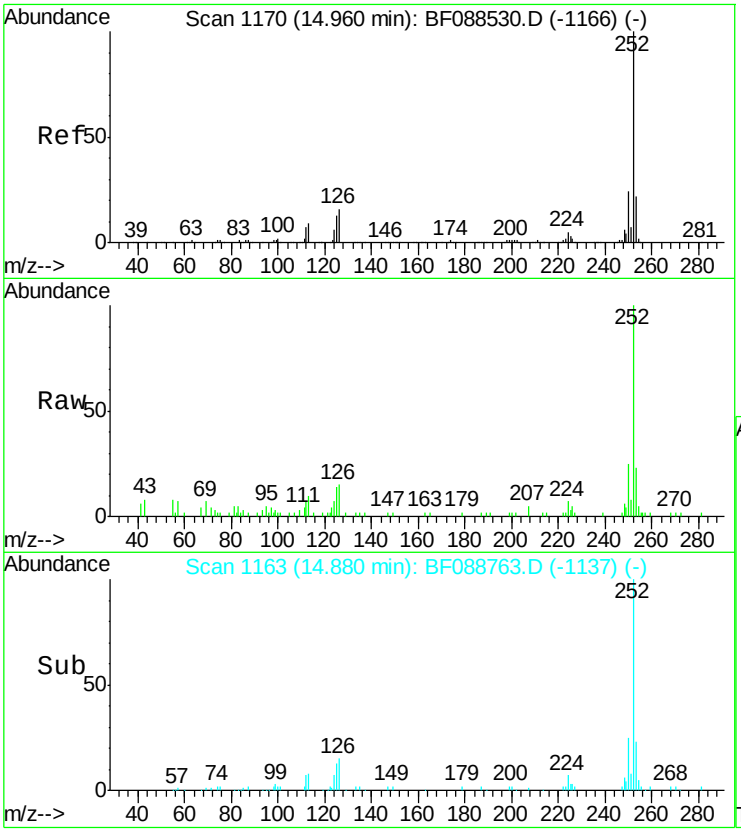


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion:264 Resp: 167276

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3



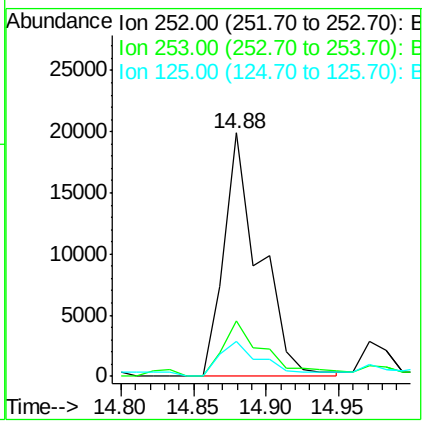


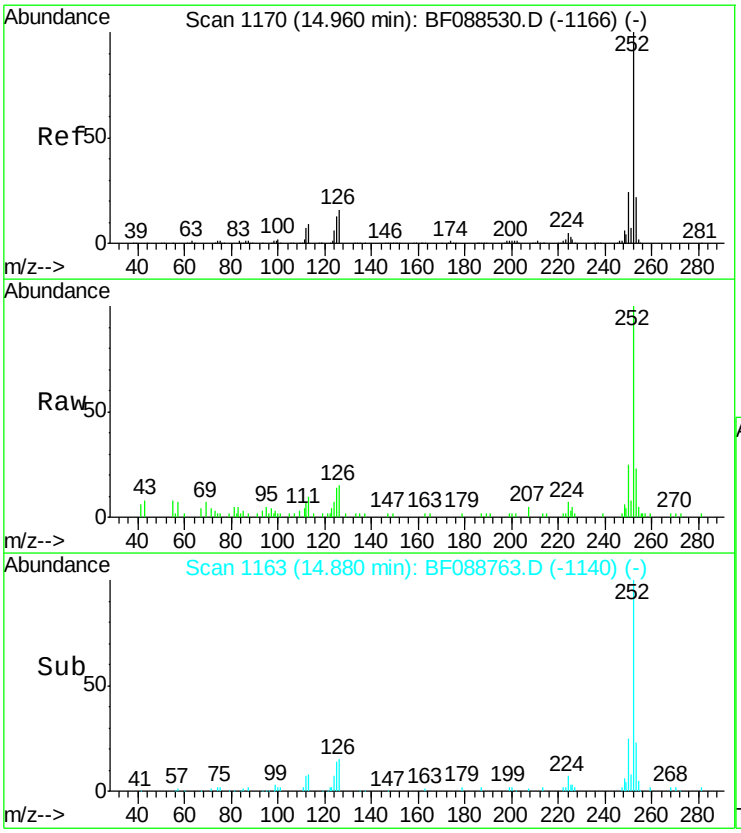
#87
Benzo(b)fluoranthene
Concen: 3.23 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tgt Ion:252 Resp: 33918

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	14.5	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 3.71 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion:252 Resp: 33918

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	14.5	11.2	16.8