Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088766.D
Acq On : 7 Jul 2016 6:44
Operator : UM/SJ
Sample : H3870-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Time: Jul 07 07:33:16 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	90267	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	383774	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	161868	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	271866	20.00	ng		0.00
75) Chrysene-d12	13.89	240	184515	20.00	ng		0.00
86) Perylene-d12	15.27	264	175686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	501276	83.23	ng		0.00
7) Phenol-d6	6.39	99	663863	85.30	ng		0.00
23) Nitrobenzene-d5	7.31	82	433273	59.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	134424	89.43	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	679912	66.35	ng		-0.01
78) Terphenyl-d14	12.85	244	515066	62.18	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	58124	11.12	ng	#	71
25) Isophorone	7.31	82	315499	23.26	ng	#	65
49) Dimethylphthalate	9.51	163	111485	9.67	ng		98
56) 2,4-Dinitrotoluene	9.78	165	21156	6.33	ng	#	39
66) 4-Bromophenyl-phenylether	10.57	248	8841	3.23	ng	#	1
74) Fluoranthene	12.47	202	37019	2.46	ng		95
77) Pyrene	12.69	202	35278	2.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	18344	2.30	ng	#	94
87) Benzo(b)fluoranthene	14.88	252	35965	3.26	ng	#	93
88) Benzo(k)fluoranthene	14.88	252	35965	3.75	ng		98
89) Benzo(a)pyrene	15.20	252	18744	2.01	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088766.D
Acq On : 7 Jul 2016 6:44
Operator : UM/SJ
Sample : H3870-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Quant Time: Jul 07 07:33:16 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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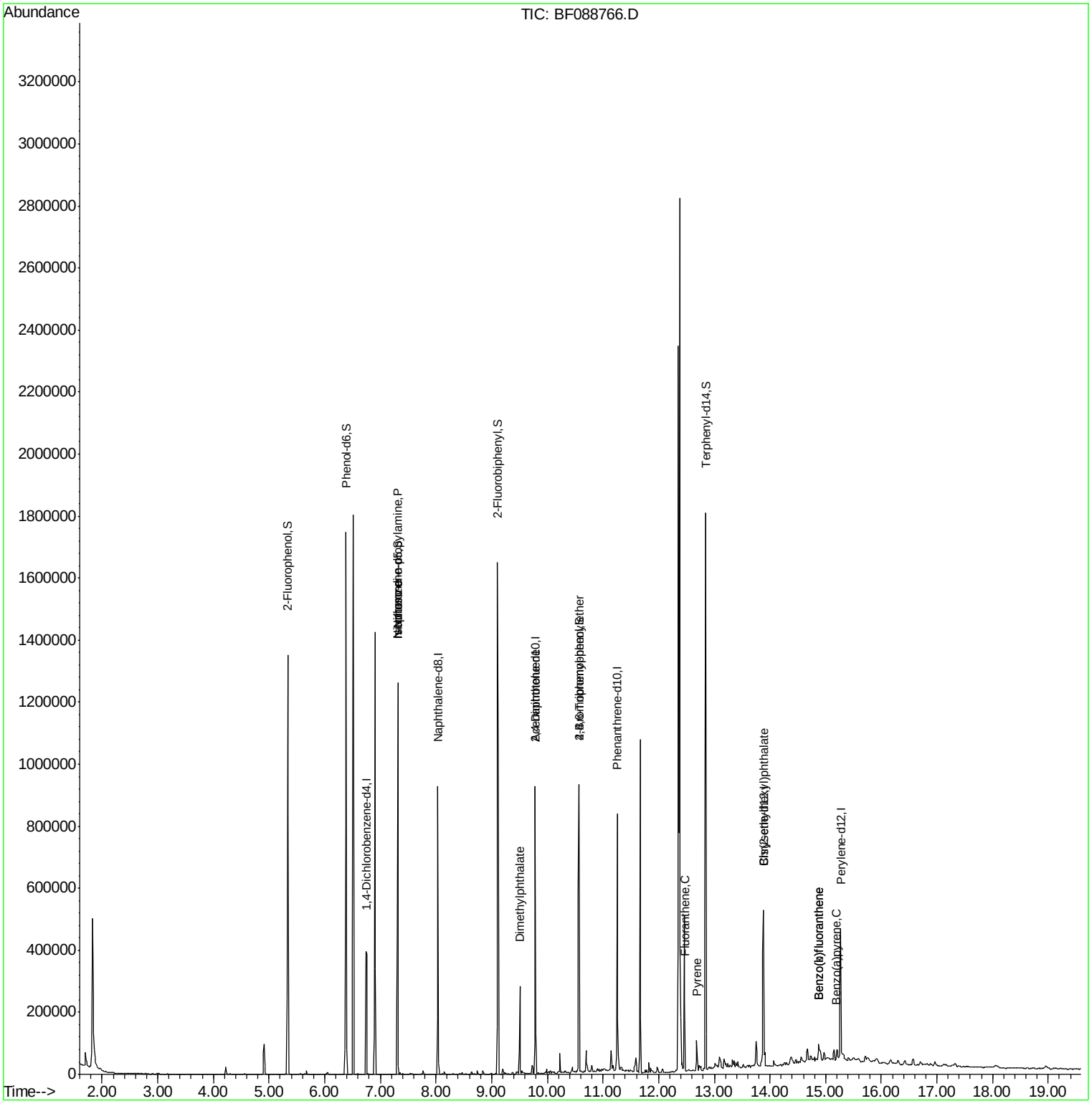
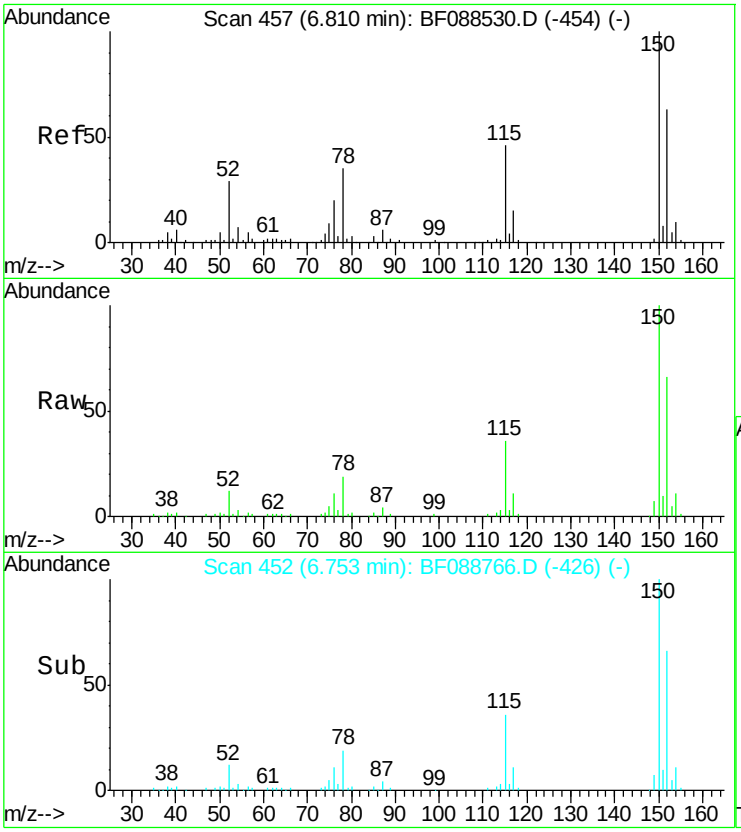
Response via : Initial Calibration



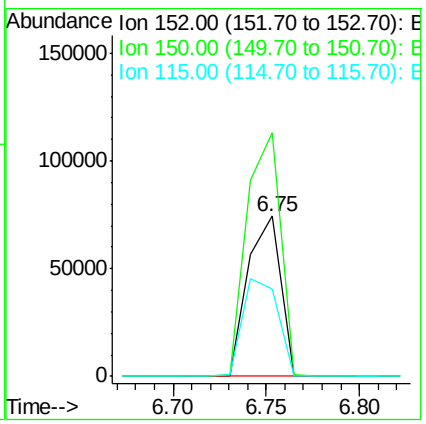


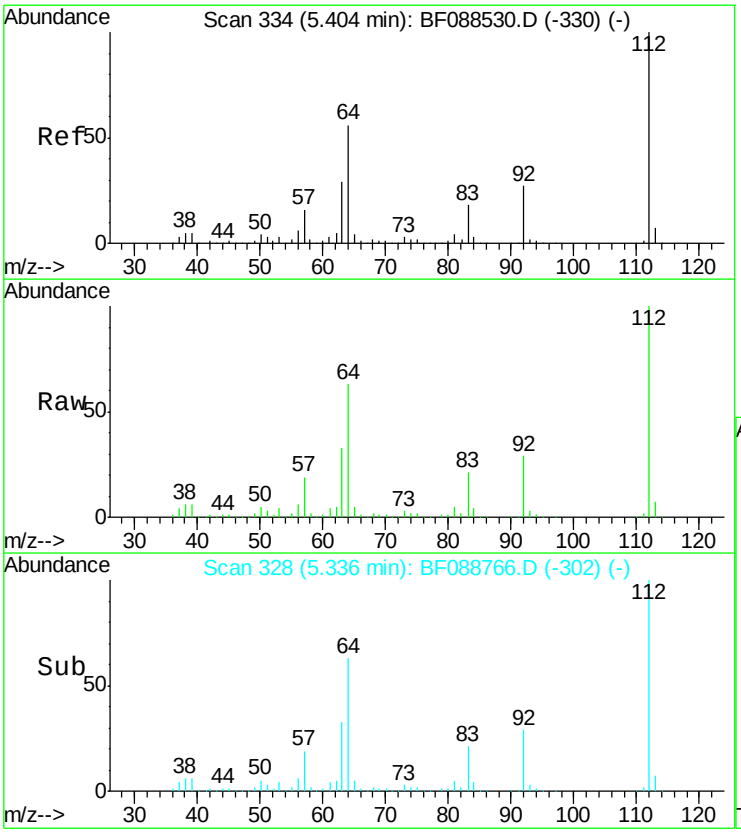
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 90267

Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.6
115	54.6	39.6	59.4

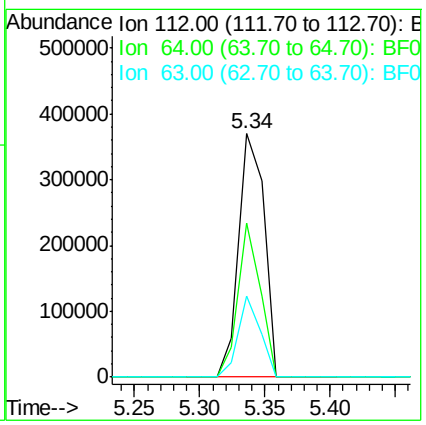


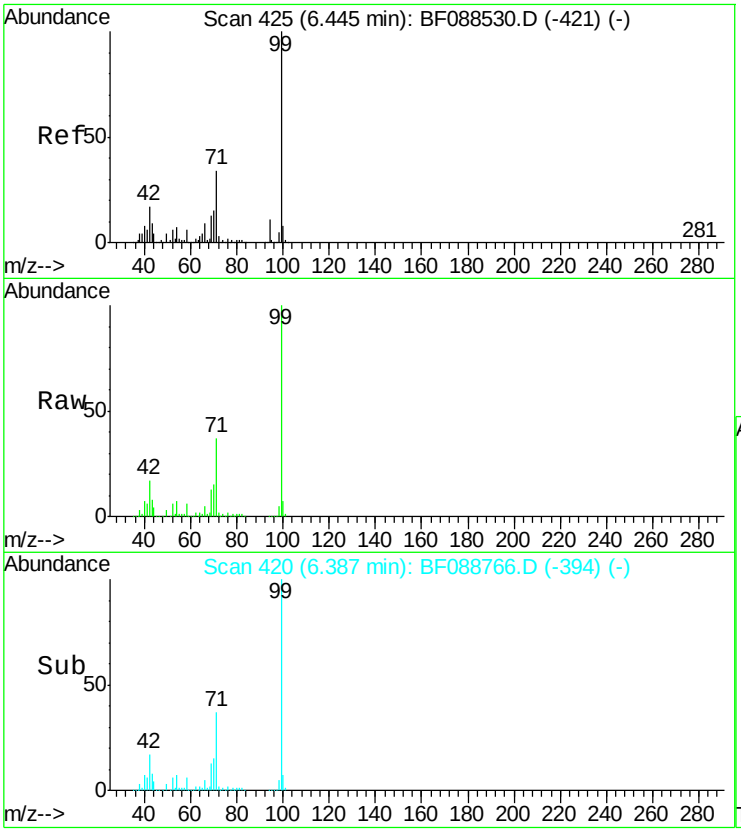


#5
2-Fluorophenol
Concen: 83.23 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion:112 Resp: 501276

Ion	Ratio	Lower	Upper
112	100		
64	63.1	42.2	63.2
63	33.1	21.8	32.8#



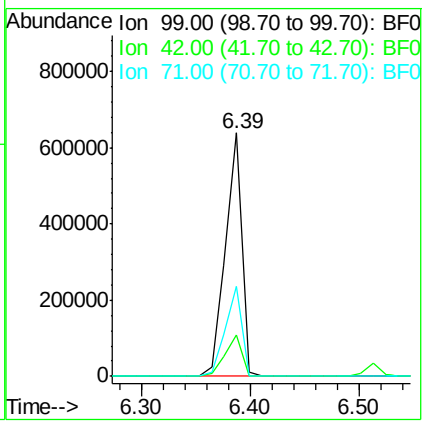


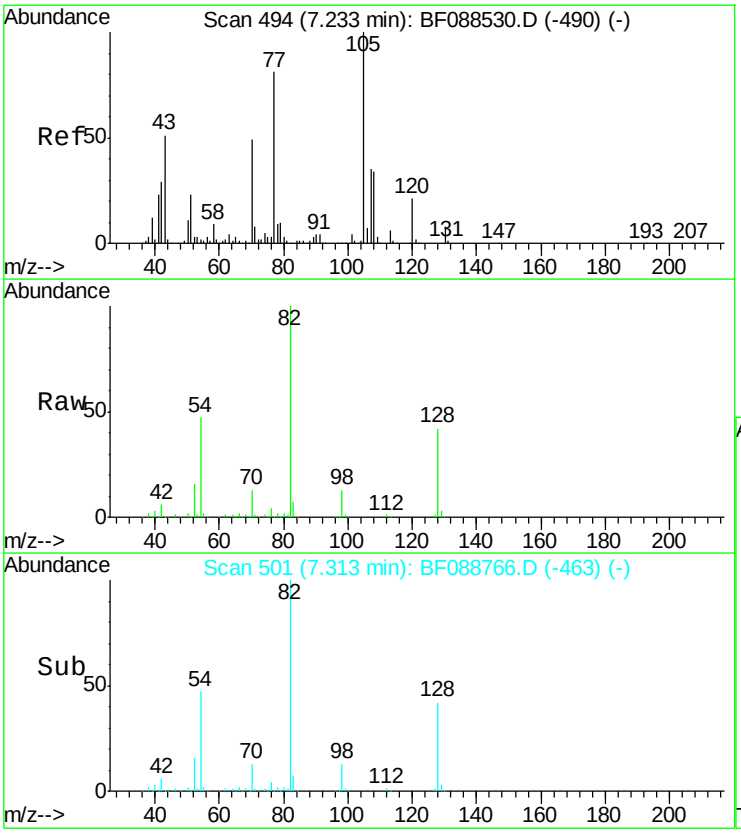
#7
Phenol-d6
Concen: 85.30 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 99 Resp: 663863

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.2	18.2
71	36.9	23.4	35.0#

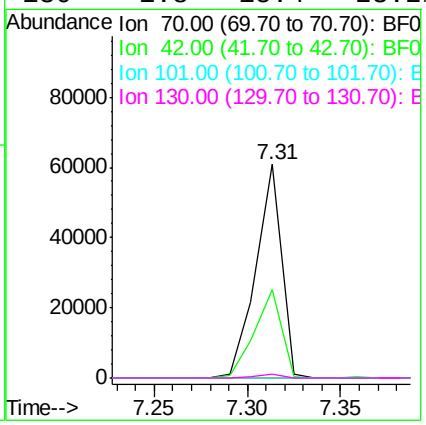


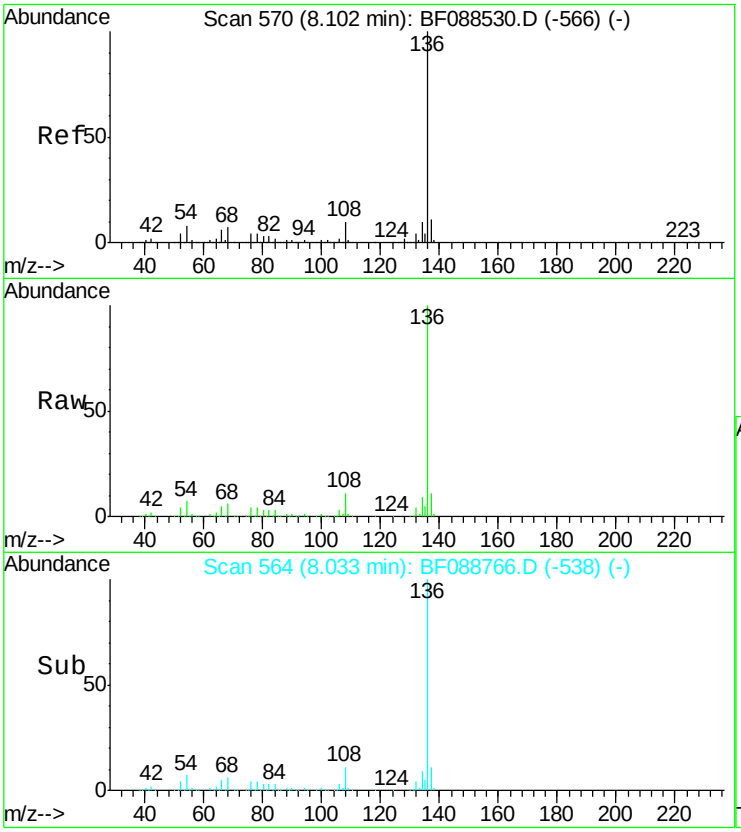


#19
n-Nitroso-di-n-propylamine
Concen: 11.12 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.14 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion: 70 Resp: 58124

Ion	Ratio	Lower	Upper
70	100		
42	41.5	49.6	74.4#
101	0.0	7.1	10.7#
130	1.8	15.4	23.2#



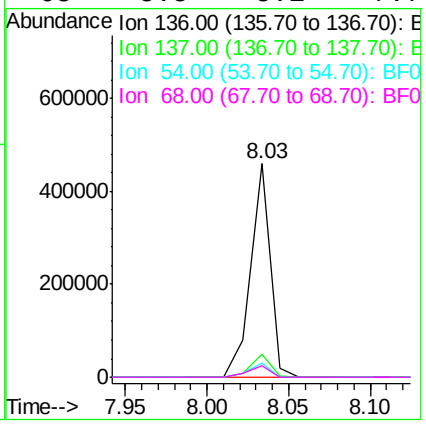


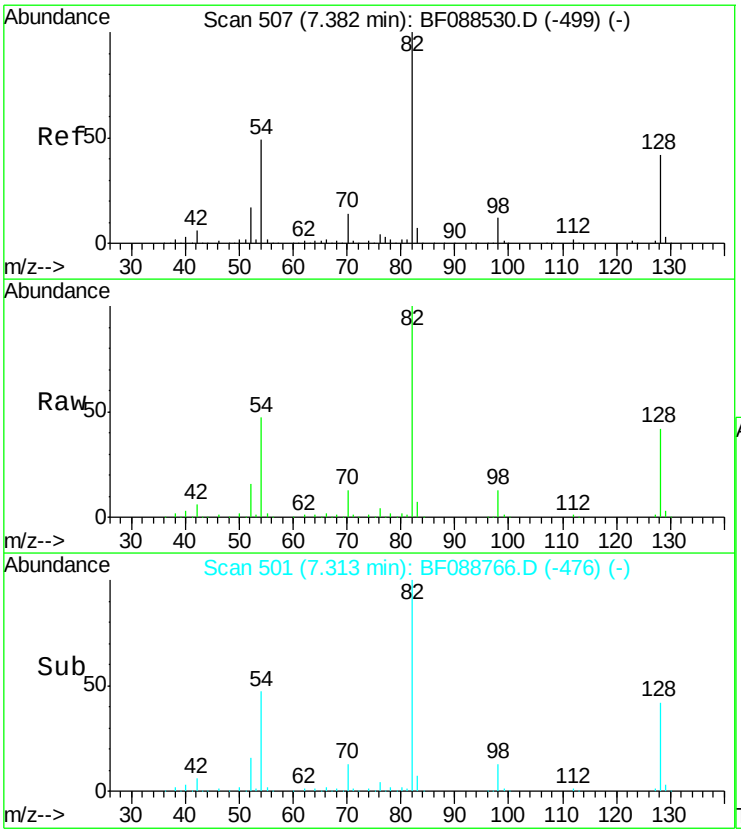
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:136 Resp: 383774

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	6.6	10.0
68	5.5	5.1	7.7

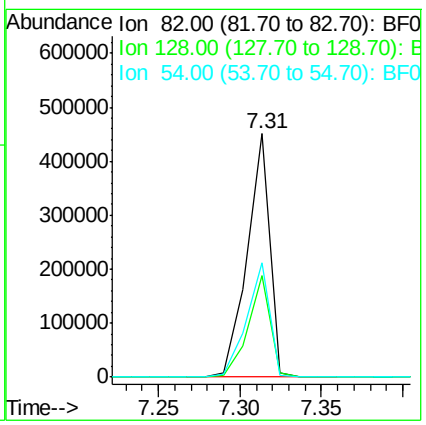


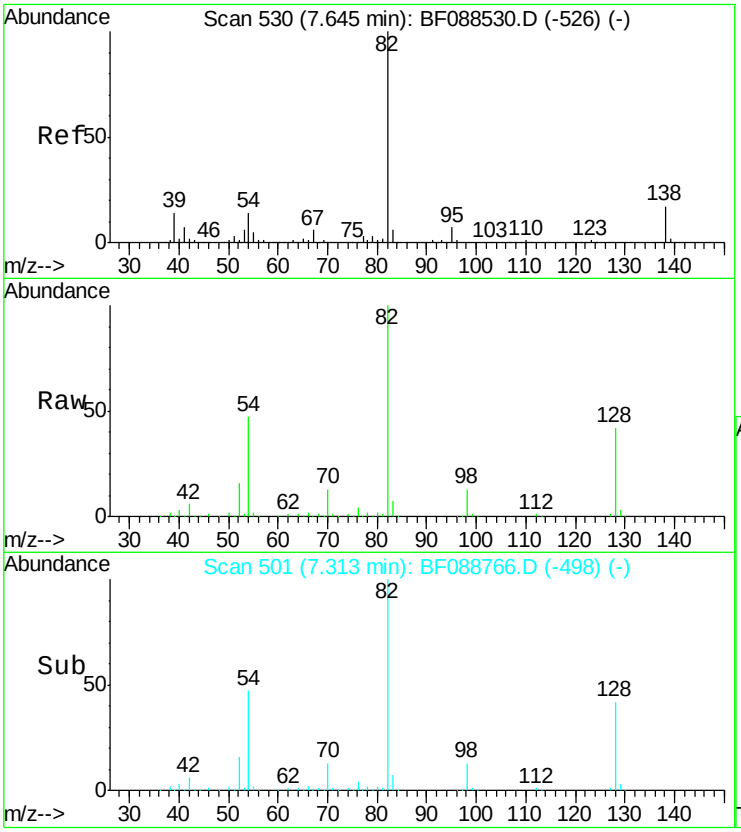


#23
Nitrobenzene-d5
Concen: 59.16 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion: 82 Resp: 433273

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.9	53.9
54	46.9	40.9	61.3



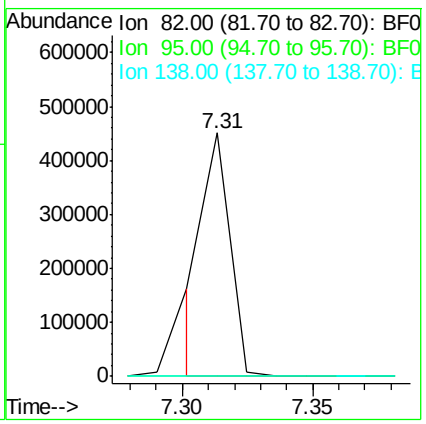


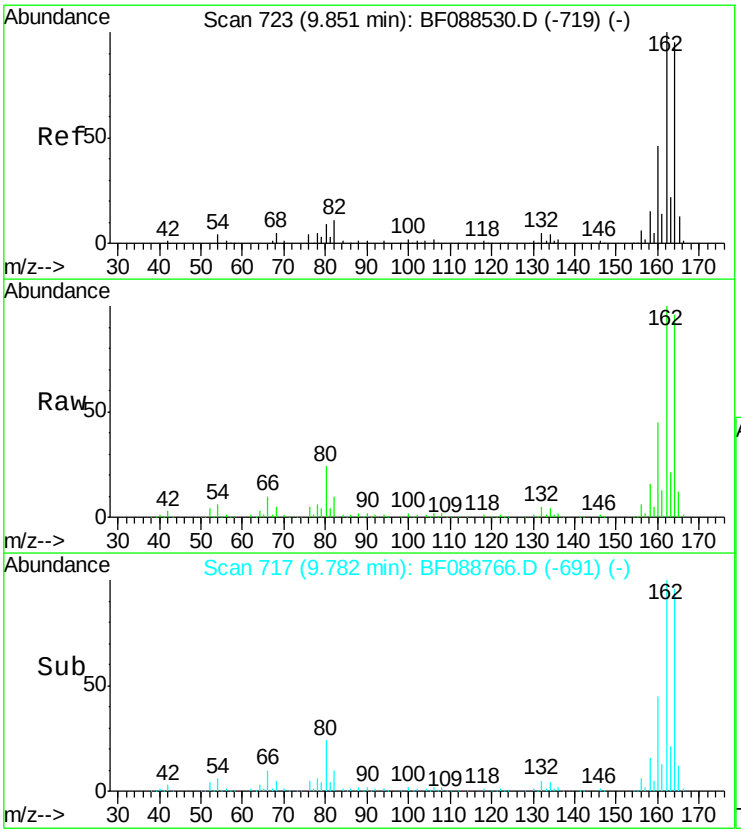
#25
Isophorone
Concen: 23.26 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.26 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 82 Resp: 315499

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

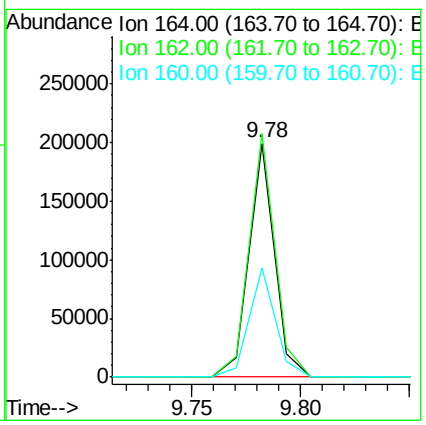


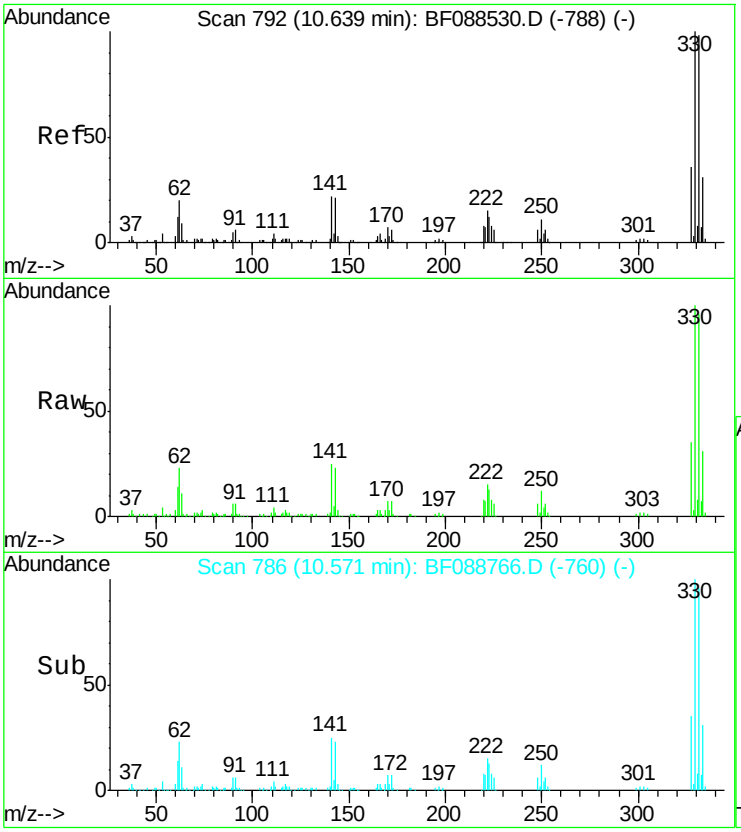


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion:164 Resp: 161868

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	46.6	39.5	59.3



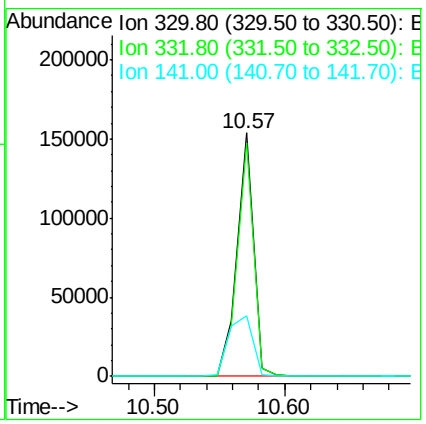


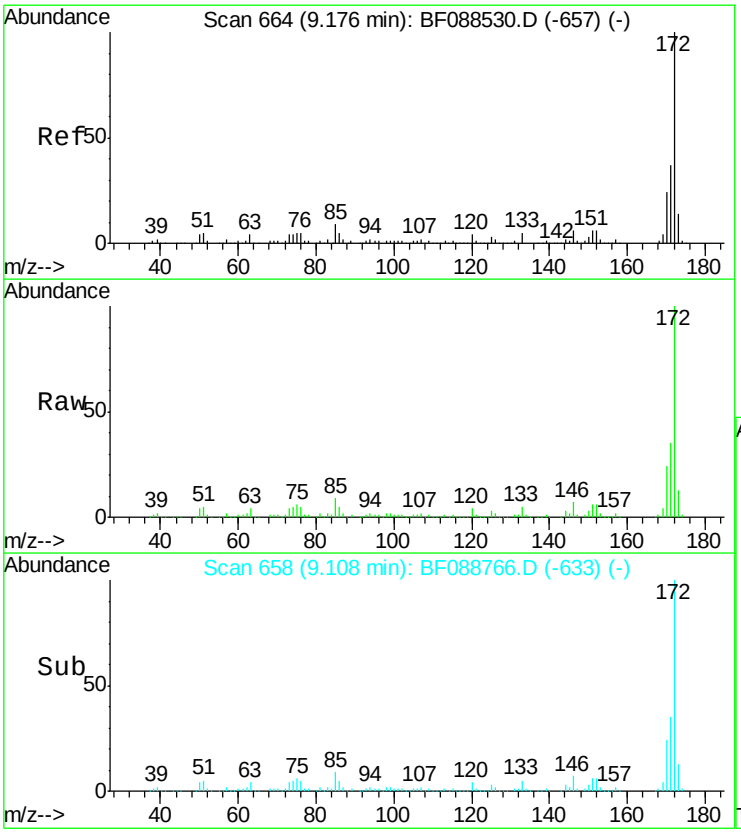
#41
2,4,6-Tribromophenol
Concen: 89.43 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:330 Resp: 134424

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	36.9	0.0	0.0#

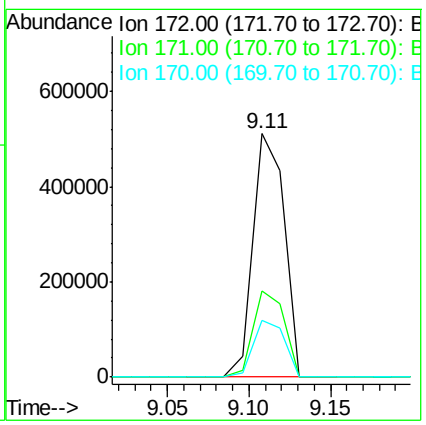


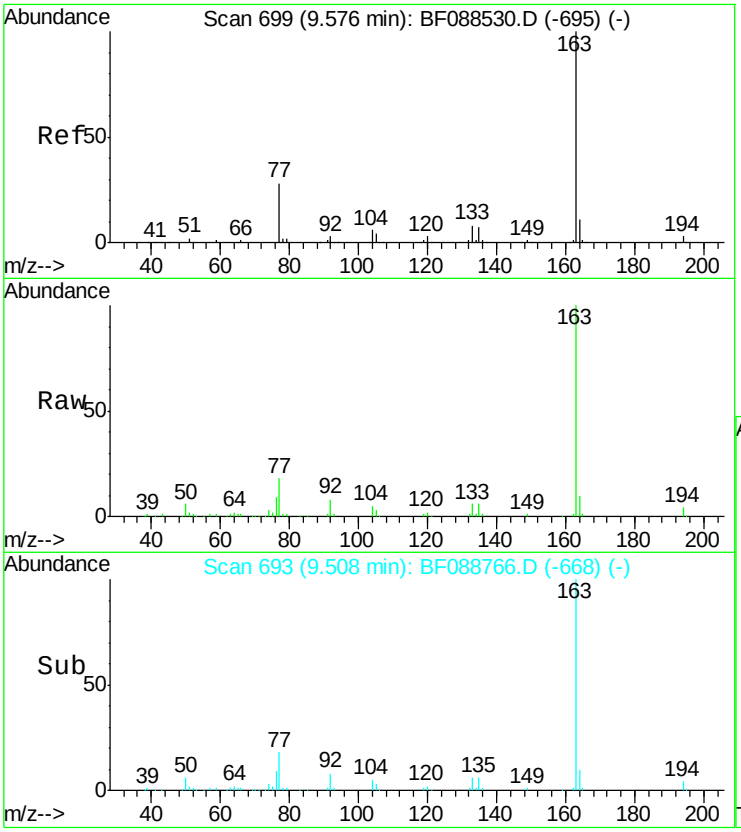


#44
2-Fluorobiphenyl
Concen: 66.35 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion:172 Resp: 679912

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.5	19.2	28.8



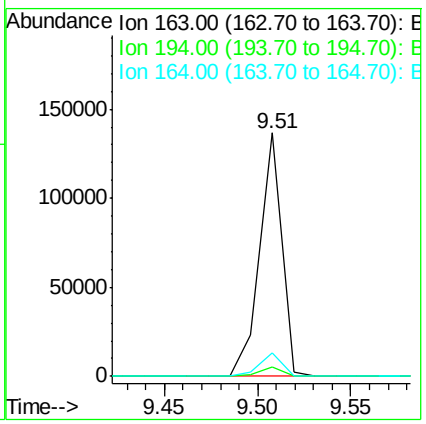


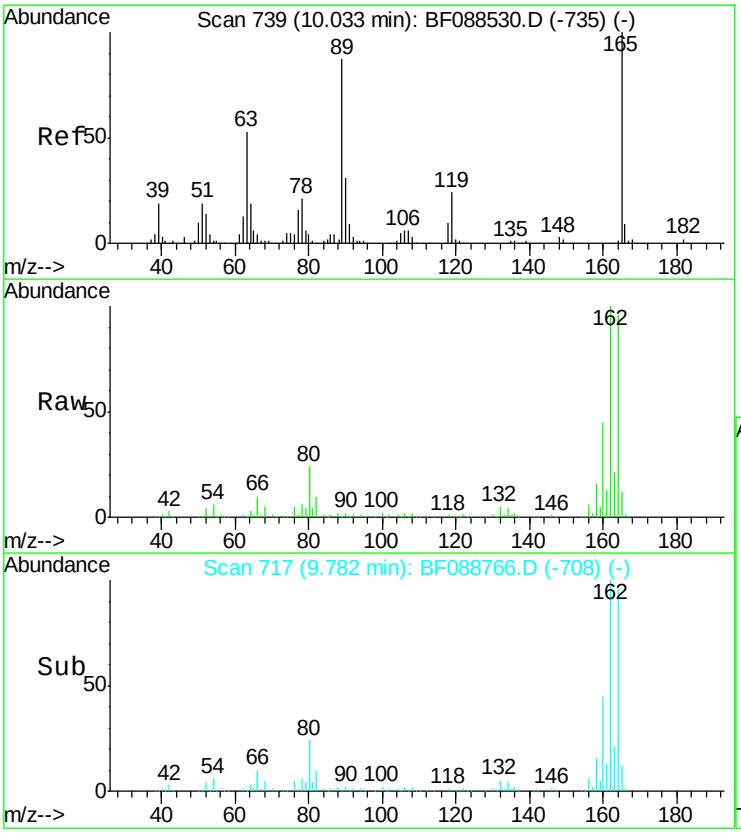
#49
Dimethylphthalate
Concen: 9.67 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:163 Resp: 111485

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.6	8.3	12.5

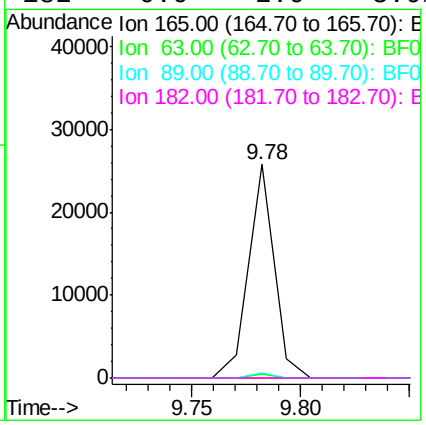


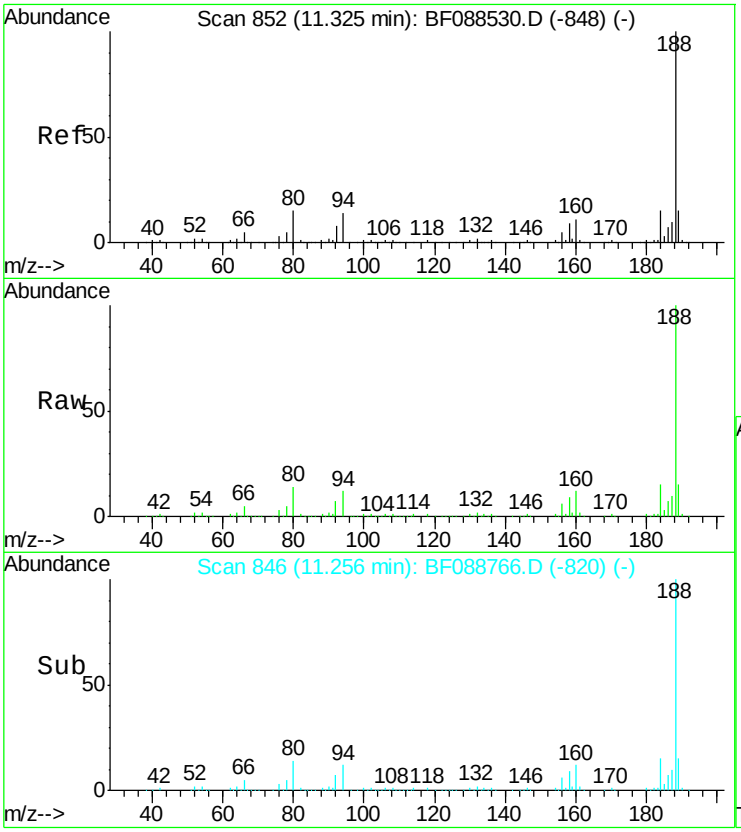


#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.19 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion:165 Resp: 21156

Ion	Ratio	Lower	Upper
165	100		
63	1.8	22.0	33.0#
89	2.2	41.1	61.7#
182	0.0	2.0	3.0#



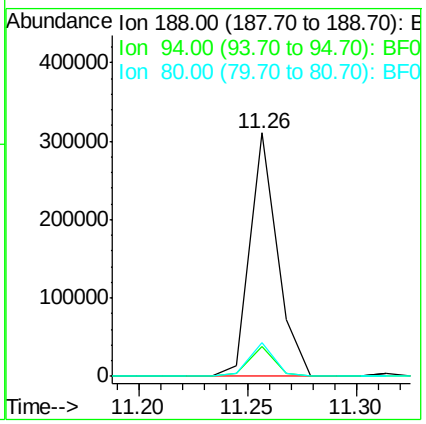


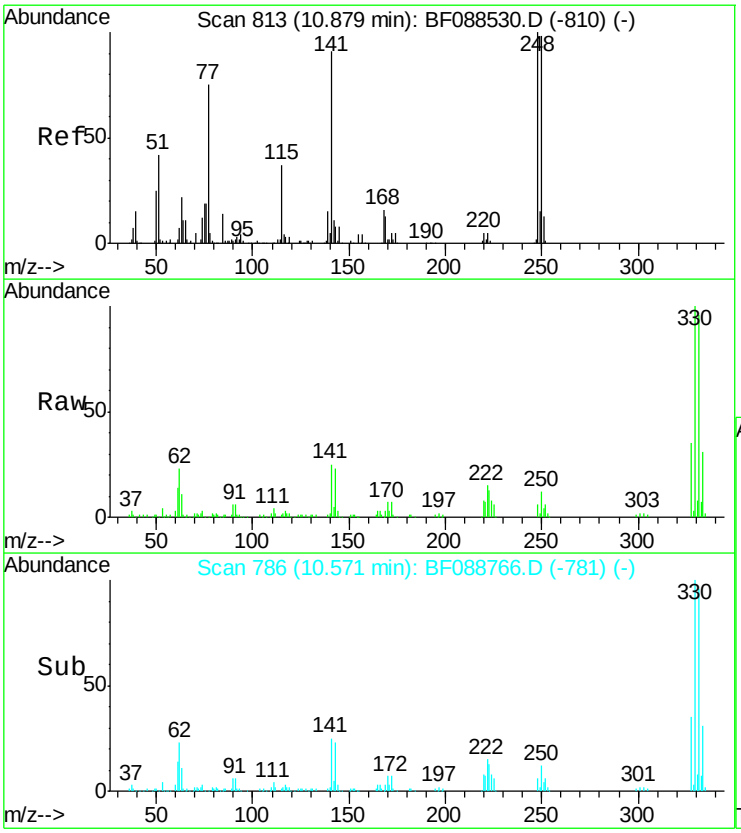
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:188 Resp: 271866

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.0	13.6
80	14.0	10.0	15.0

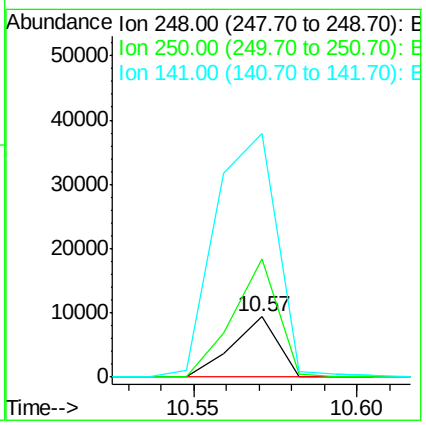


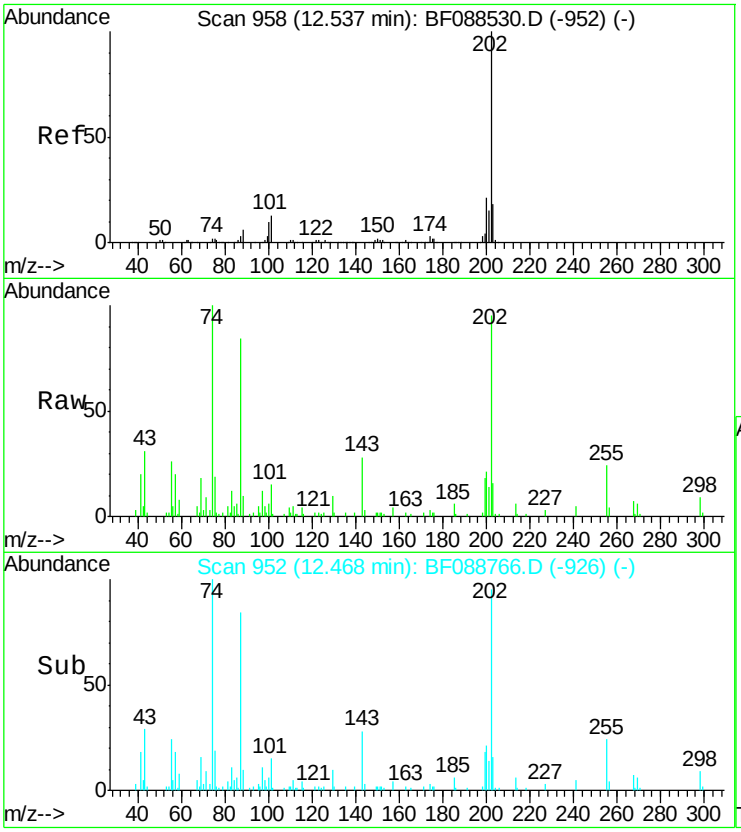


#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.24 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion:248 Resp: 8841

Ion	Ratio	Lower	Upper
248	100		
250	197.3	77.1	115.7#
141	405.8	50.6	76.0#



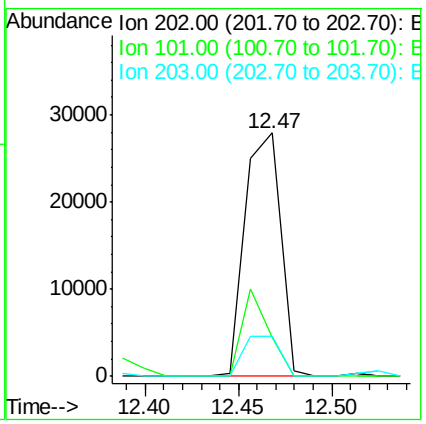


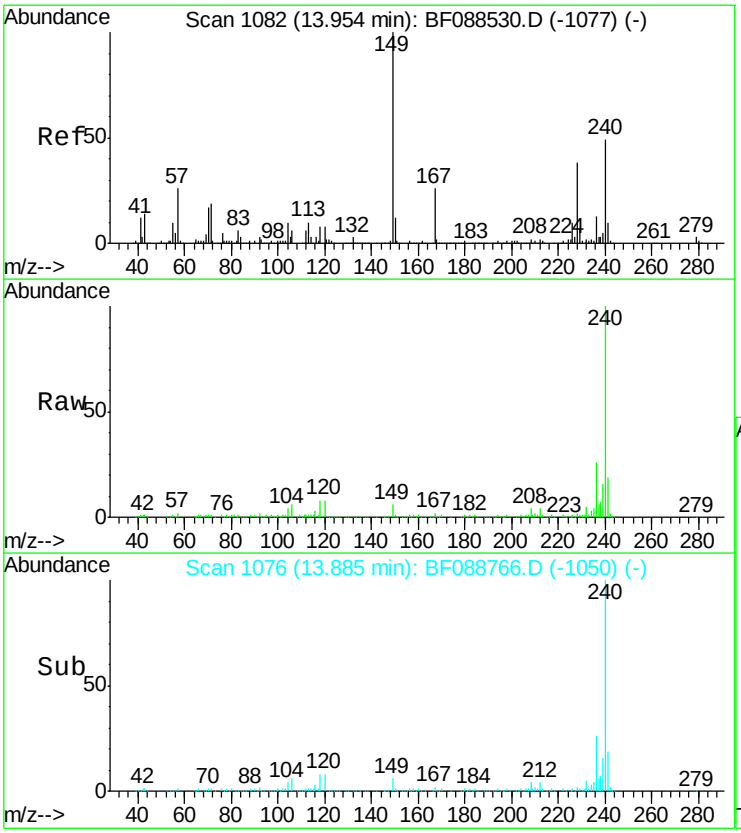
#74
Fluoranthene
Concen: 2.46 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:202 Resp: 37019

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	33.1
203	16.5	0.0	38.1

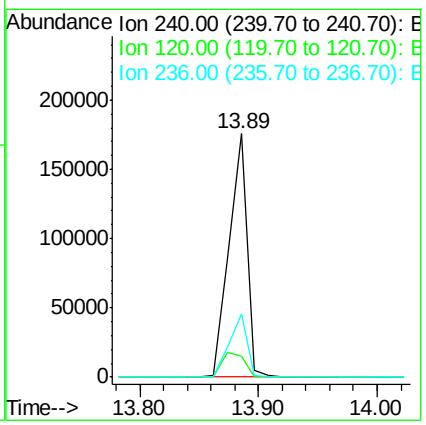


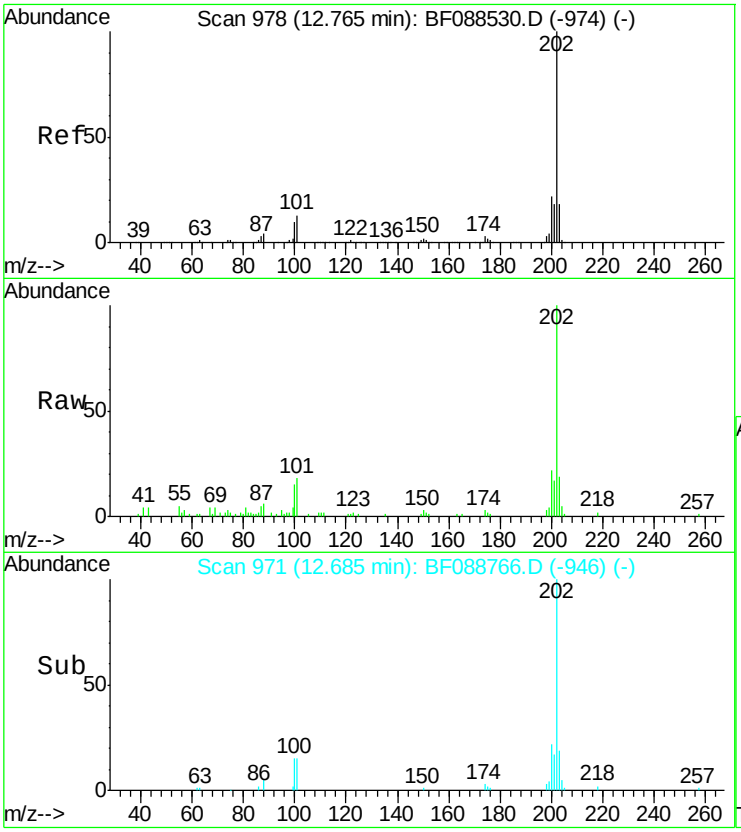


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion:240 Resp: 184515

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	25.8	20.2	30.2



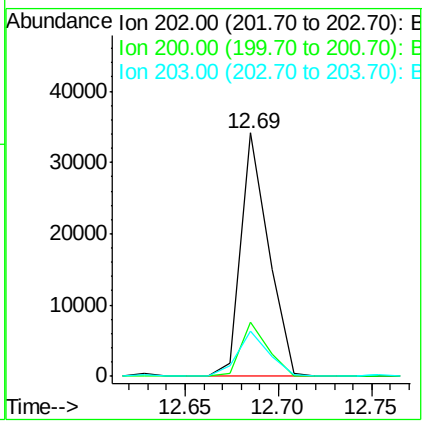


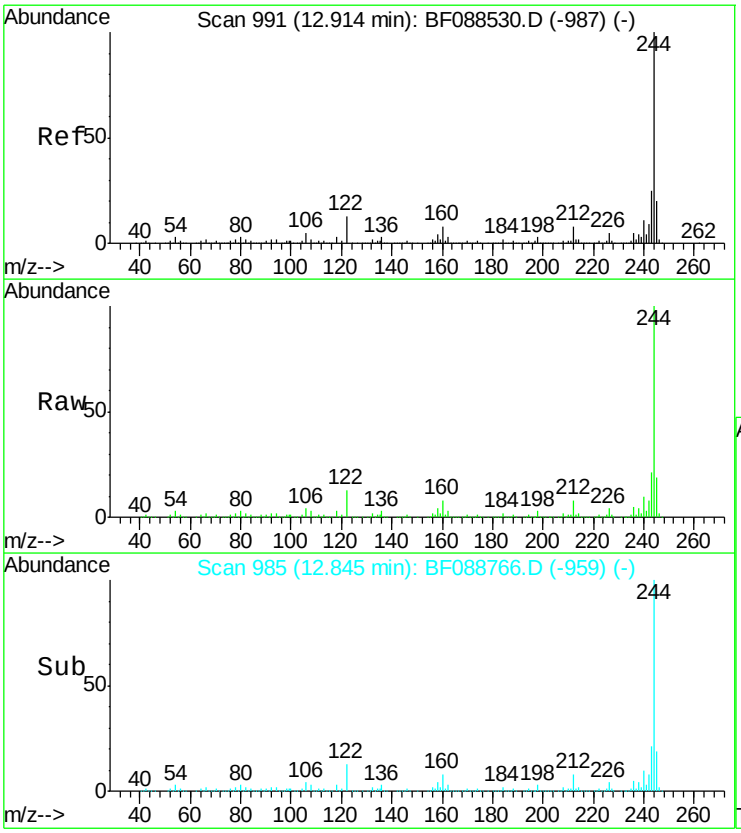
#77
Pyrene
Concen: 2.25 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:202 Resp: 35278

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.6	14.5	21.7

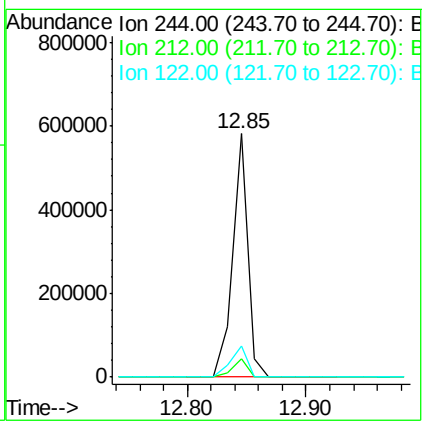


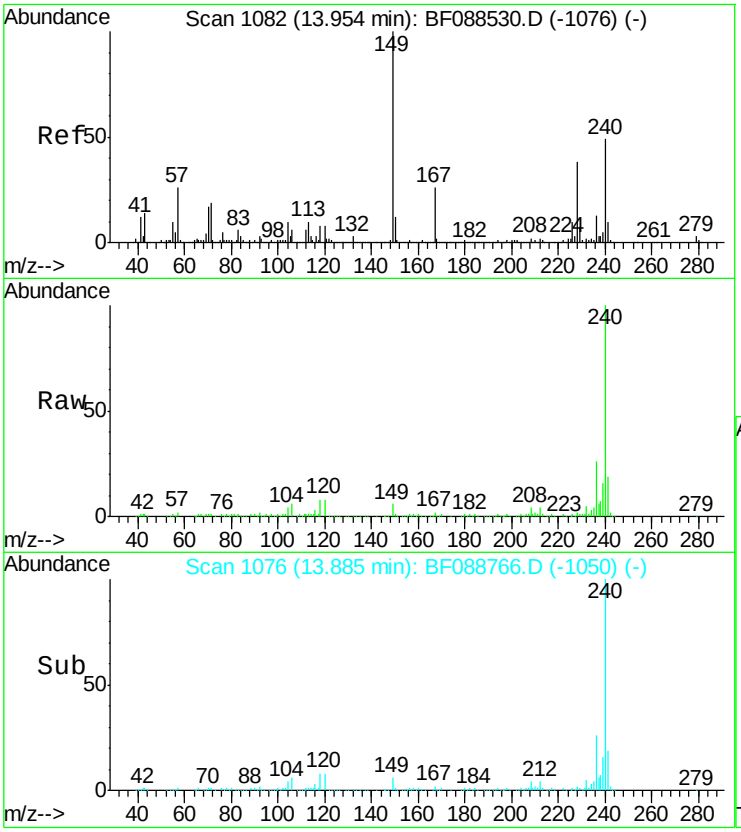


#78
Terphenyl-d14
Concen: 62.18 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion:244 Resp: 515066

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.7	11.2	16.8



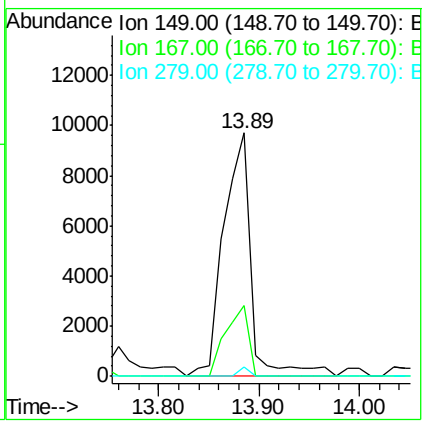


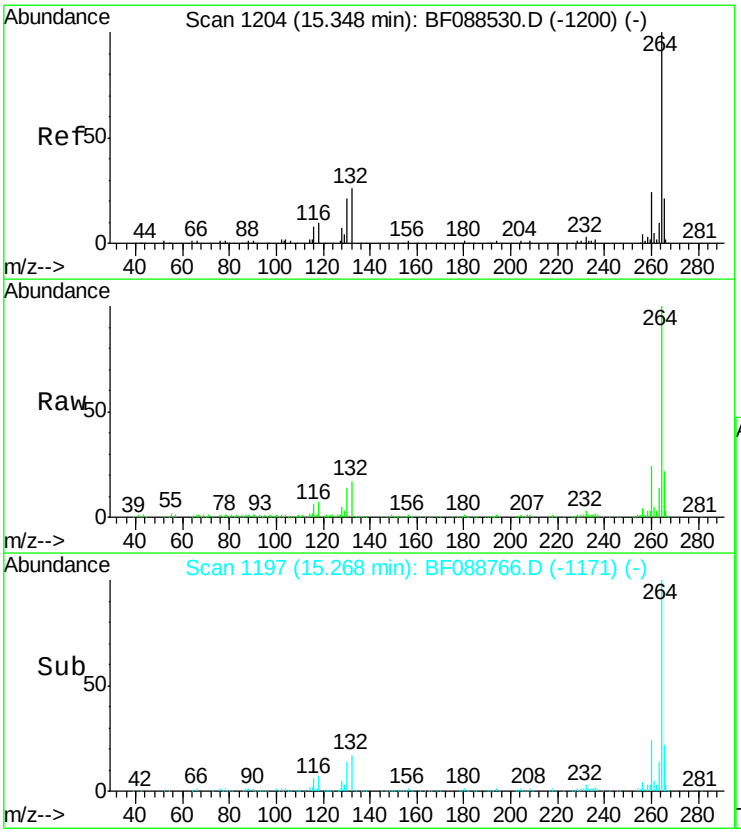
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.30 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:149 Resp: 18344

Ion	Ratio	Lower	Upper
149	100		
167	28.9	20.5	30.7
279	3.8	2.0	3.0#

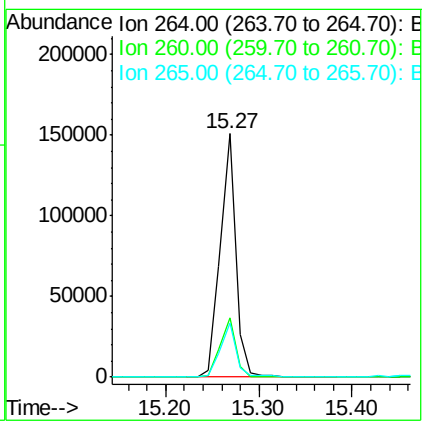


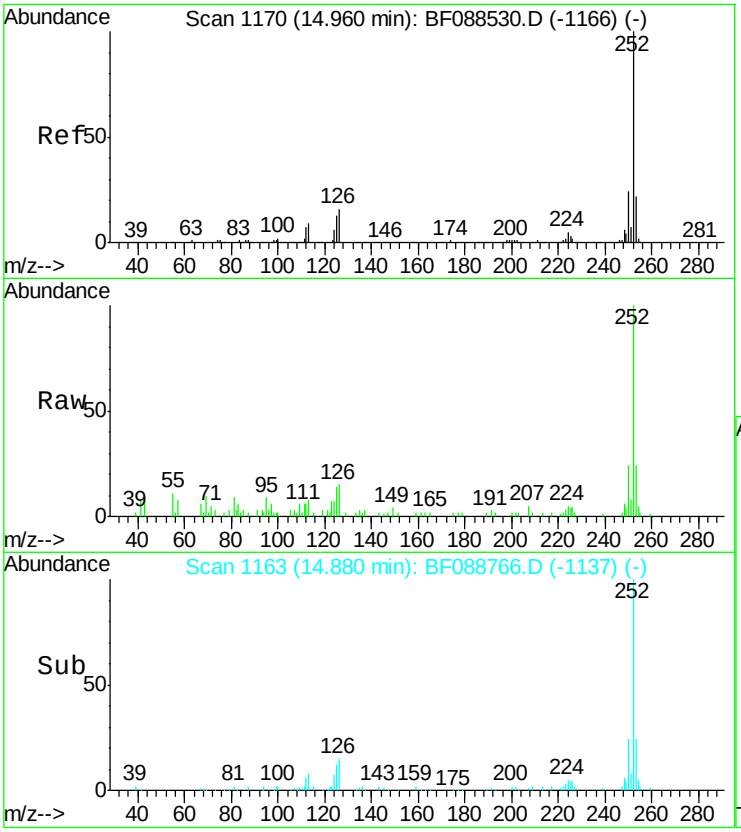


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion:264 Resp: 175686

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	16.9	25.3



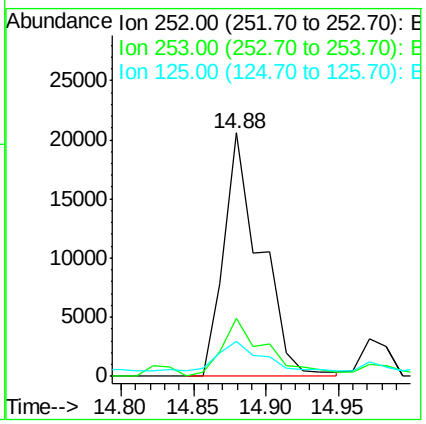


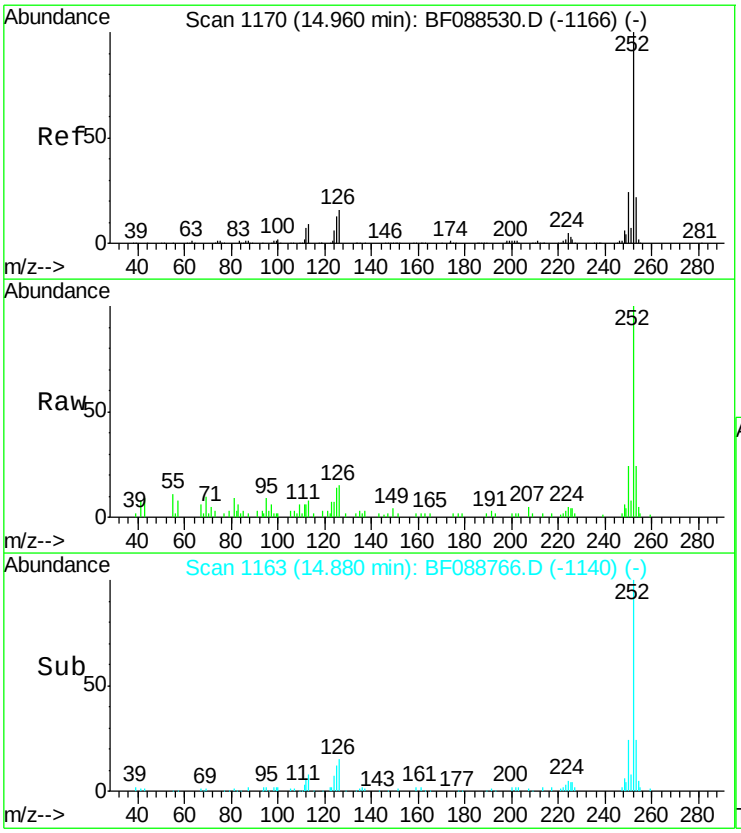
#87
Benzo(b)fluoranthene
Concen: 3.26 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:252 Resp: 35965

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	14.3	7.1	10.7#

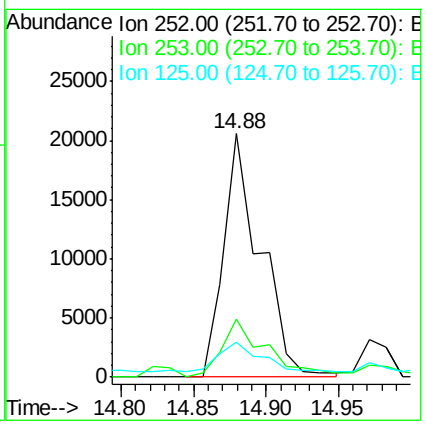


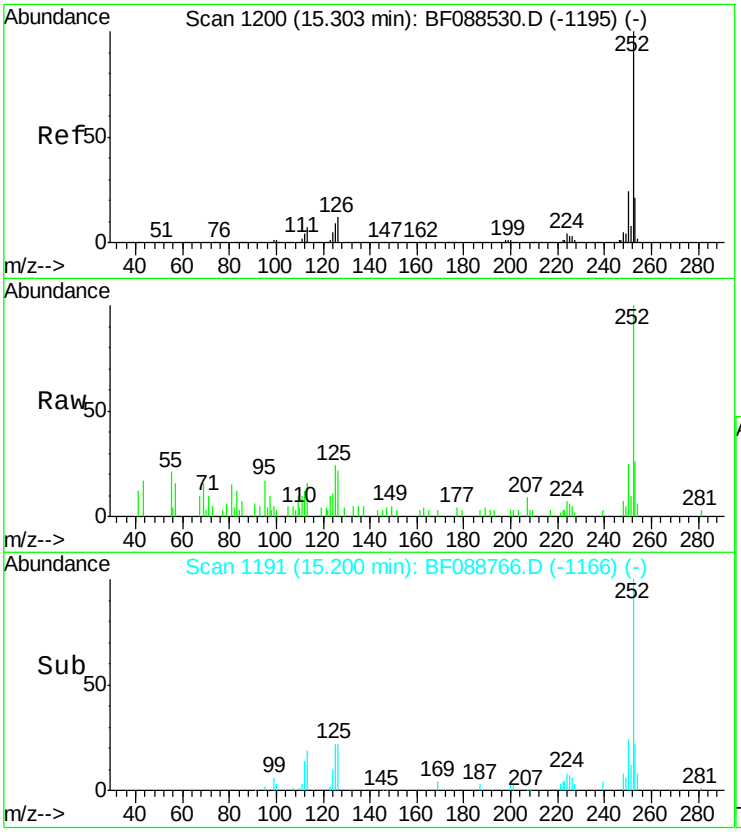


#88
Benzo(k)fluoranthene
Concen: 3.75 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion:252 Resp: 35965

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	14.3	11.2	16.8





#89
Benzo(a)pyrene
Concen: 2.01 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:252 Resp: 18744

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	23.9	12.5	18.7#