Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088923.D
Acq On : 12 Jul 2016 14:27
Operator : UM/SJ
Sample : H3921-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 12 16:04:07 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	6.70	152	62536	20.00	ng		-0.01
21) Naphthalene-d8	7.99	136	273176	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	122958	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	195476	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	122169	20.00	ng		-0.01
86) Perylene-d12	15.21	264	129901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	399723	95.80	ng		0.00
7) Phenol-d6	6.34	99	555436	103.02	ng		-0.01
23) Nitrobenzene-d5	7.27	82	341131	65.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	114728	100.48	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	602099	77.35	ng		0.00
78) Terphenyl-d14	12.80	244	403656	73.59	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.24	77	8169	2.24	ng		87
19) n-Nitroso-di-n-propylamine	7.27	70	46740	12.91	ng	#	74
25) Isophorone	7.27	82	254607	26.37	ng	#	65
49) Dimethylphthalate	9.46	163	101338	11.57	ng		98
56) 2,4-Dinitrotoluene	9.74	165	15661	6.17	ng	#	37
66) 4-Bromophenyl-phenylether	10.52	248	8001	4.06	ng	#	1
74) Fluoranthene	12.41	202	29818	2.75	ng		95
77) Pyrene	12.64	202	27332	2.64	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	13418	2.54	ng	#	99
87) Benzo(b)fluoranthene	14.82	252	29164	3.58	ng	#	90
88) Benzo(k)fluoranthene	14.82	252	29164	4.11	ng	#	95
91) Benzo(g,h,i)perylene	16.87	276	11947	2.00	ng		92

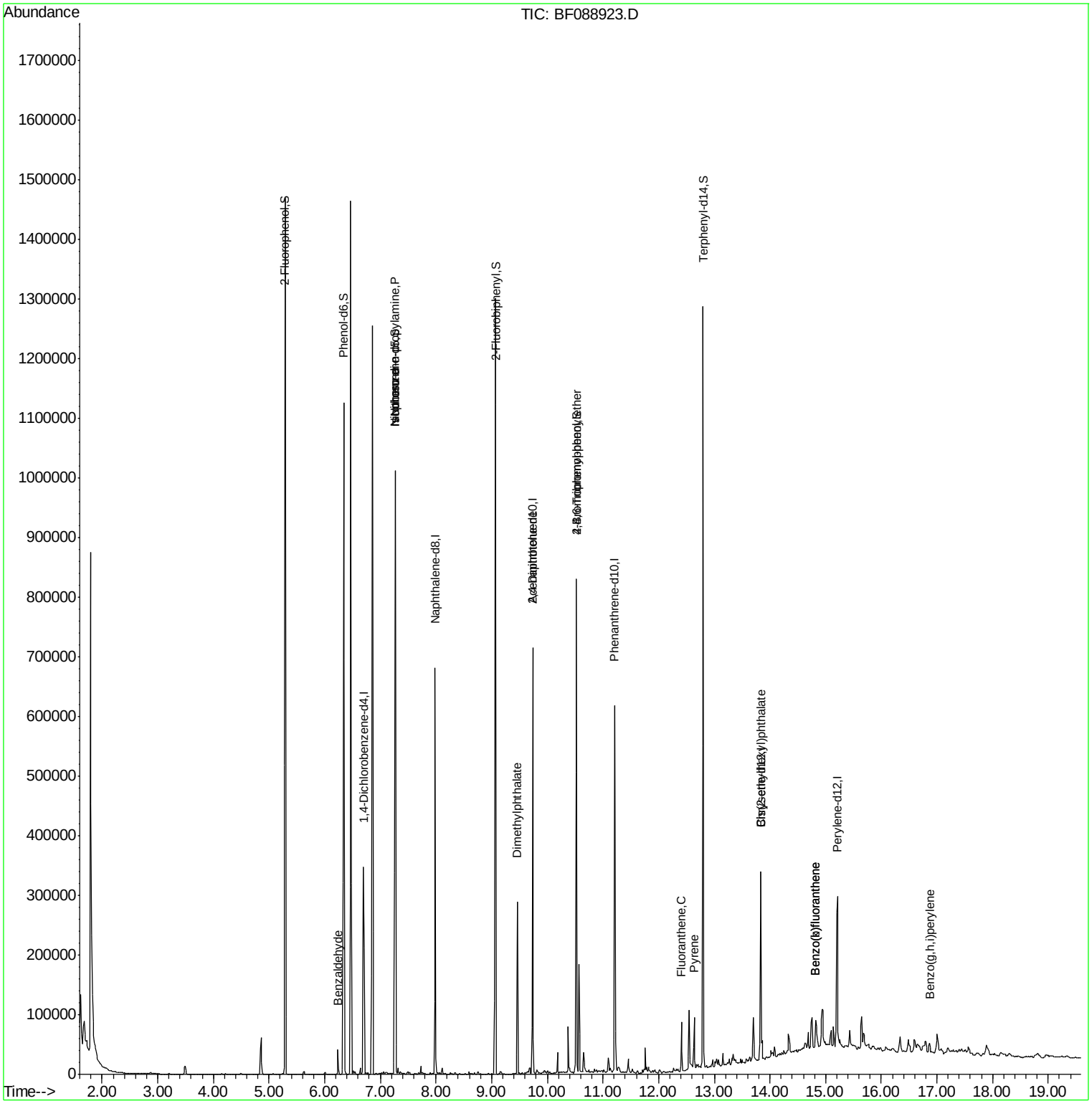
(#) = qualifier out of range (m) = manual integration (+) = signals summed

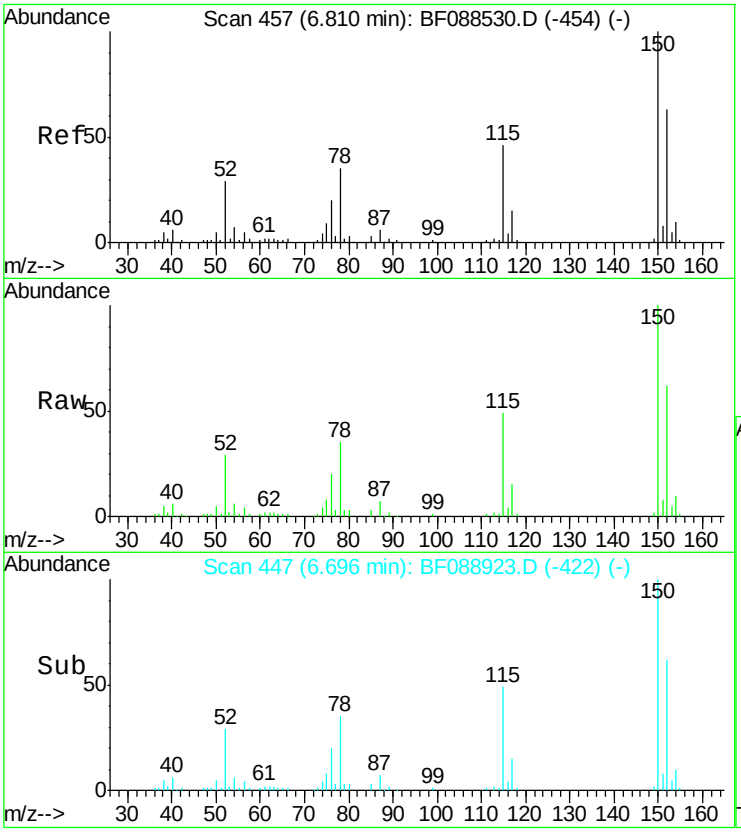
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088923.D
Acq On : 12 Jul 2016 14:27
Operator : UM/SJ
Sample : H3921-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 12 16:04:07 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



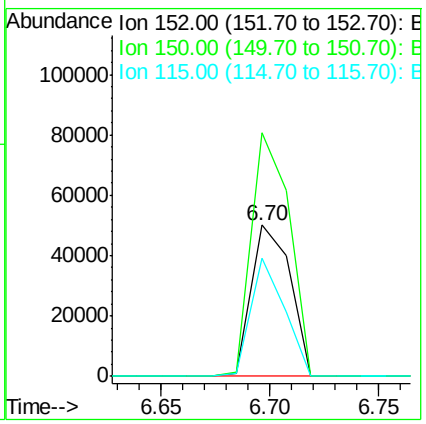


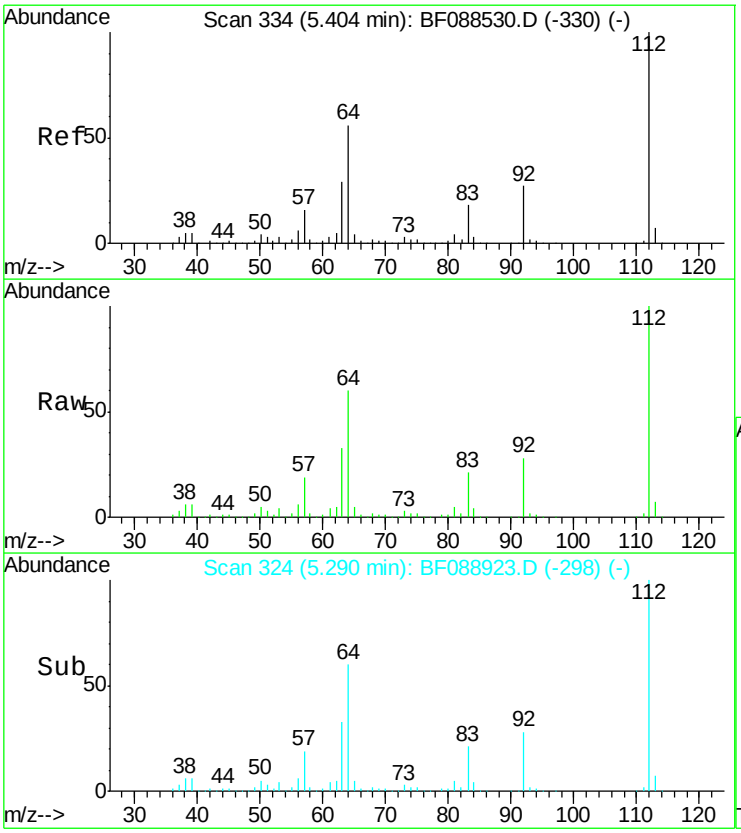
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 62536

Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.8	185.6
115	78.4	39.6	59.4#

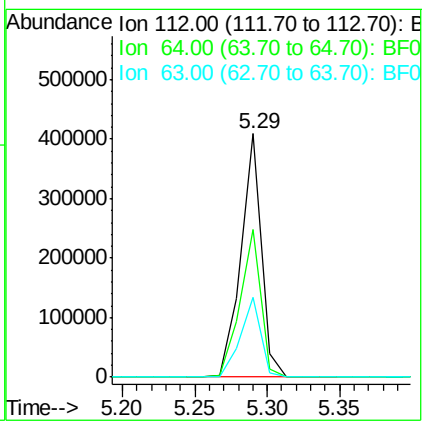


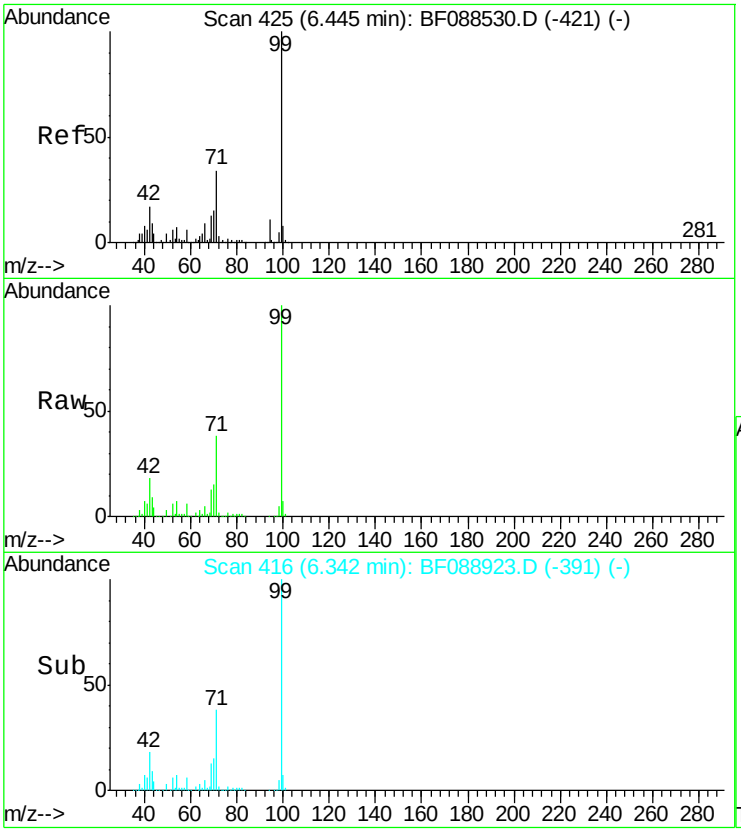


#5
2-Fluorophenol
Concen: 95.80 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:112 Resp: 399723

Ion	Ratio	Lower	Upper
112	100		
64	60.5	42.2	63.2
63	32.6	21.8	32.8



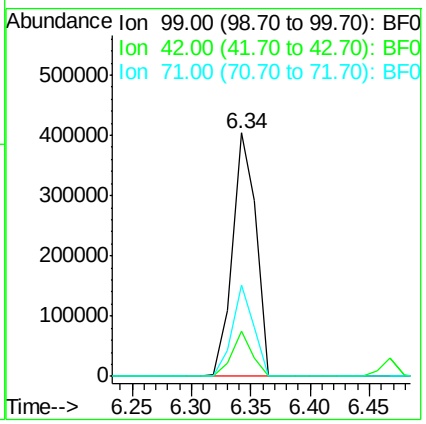


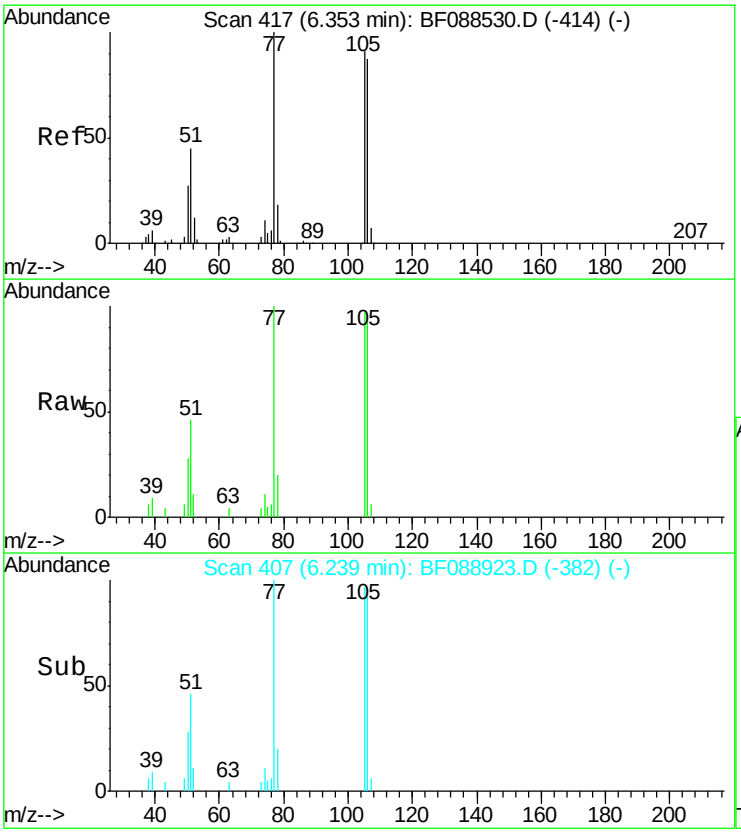
#7
Phenol-d6
Concen: 103.02 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 555436

Ion	Ratio	Lower	Upper
99	100		
42	18.4	12.2	18.2#
71	37.6	23.4	35.0#

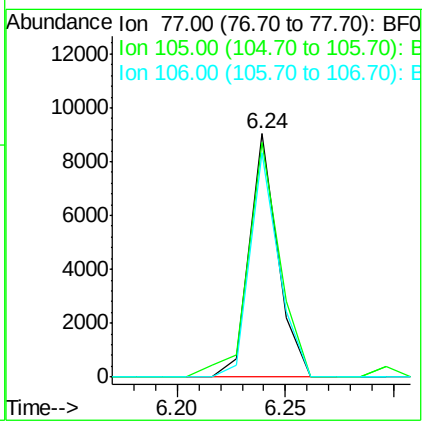


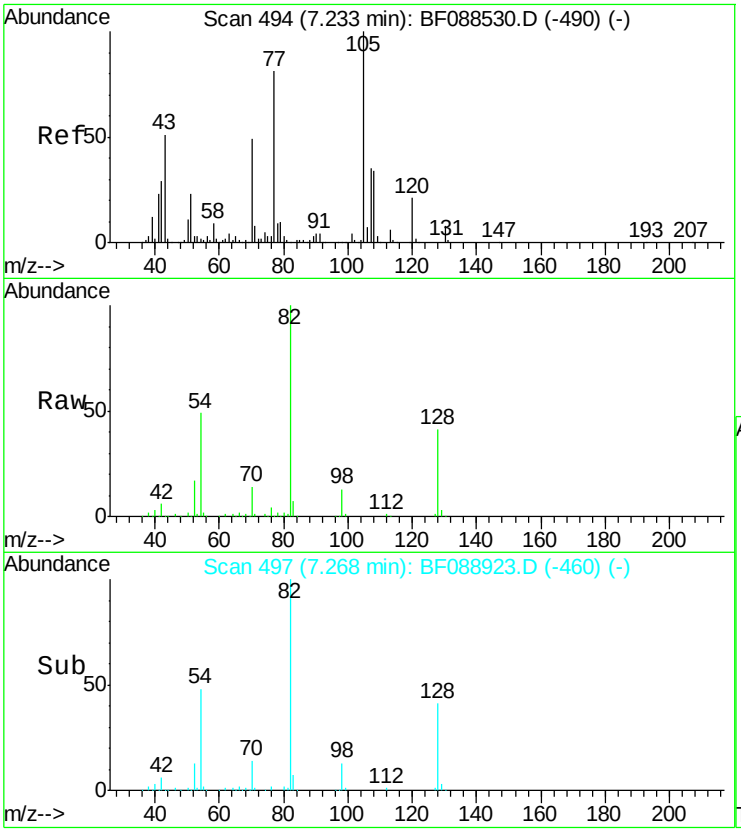


#9
Benzaldehyde
Concen: 2.24 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion: 77 Resp: 8169

Ion	Ratio	Lower	Upper
77	100		
105	96.6	90.6	130.6
106	92.1	85.3	125.3



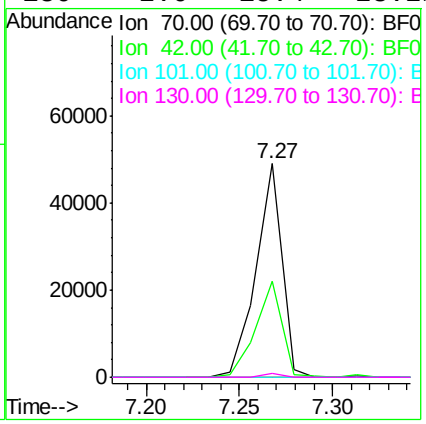


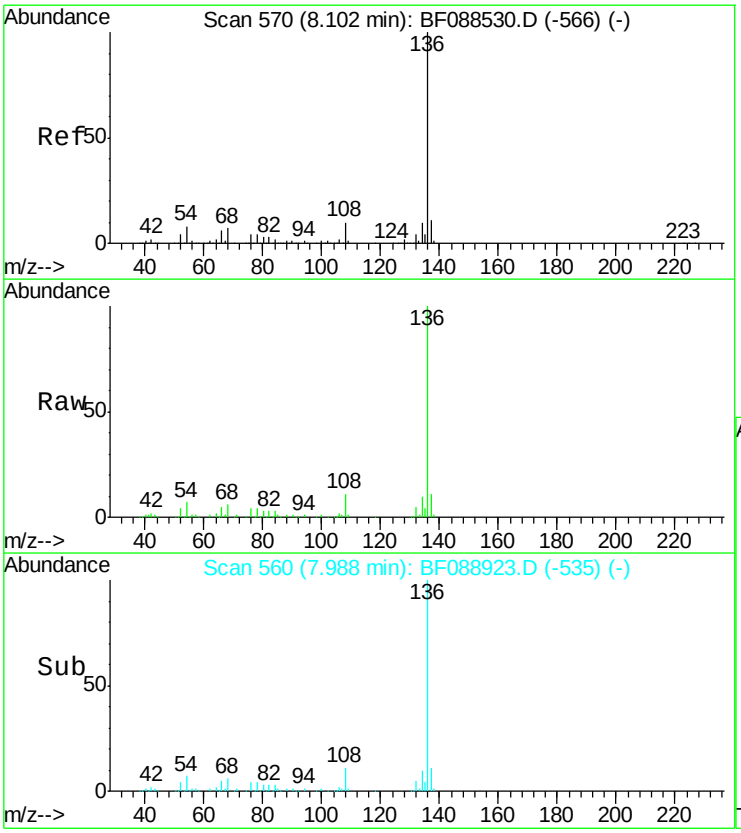
#19
n-Nitroso-di-n-propylamine
Concen: 12.91 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.13 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 46740

Ion	Ratio	Lower	Upper
70	100		
42	44.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#

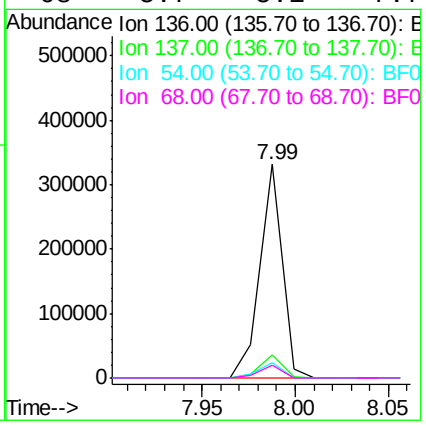


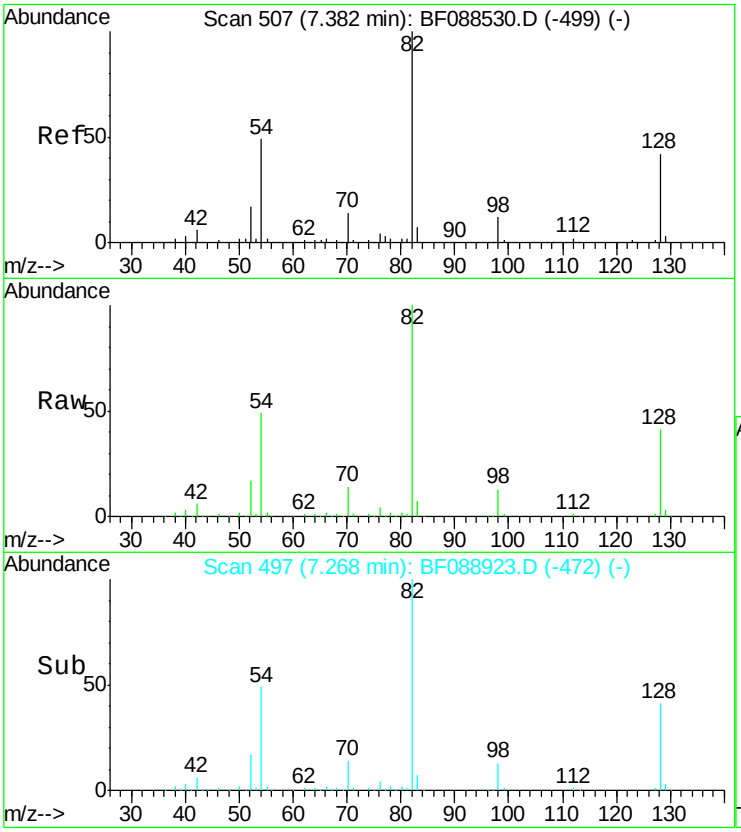


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:136 Resp: 273176

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.0	6.6	10.0
68	5.7	5.1	7.7



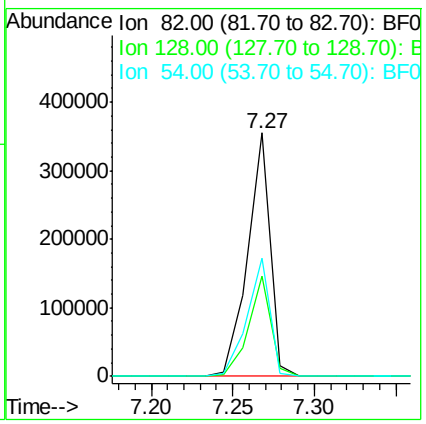


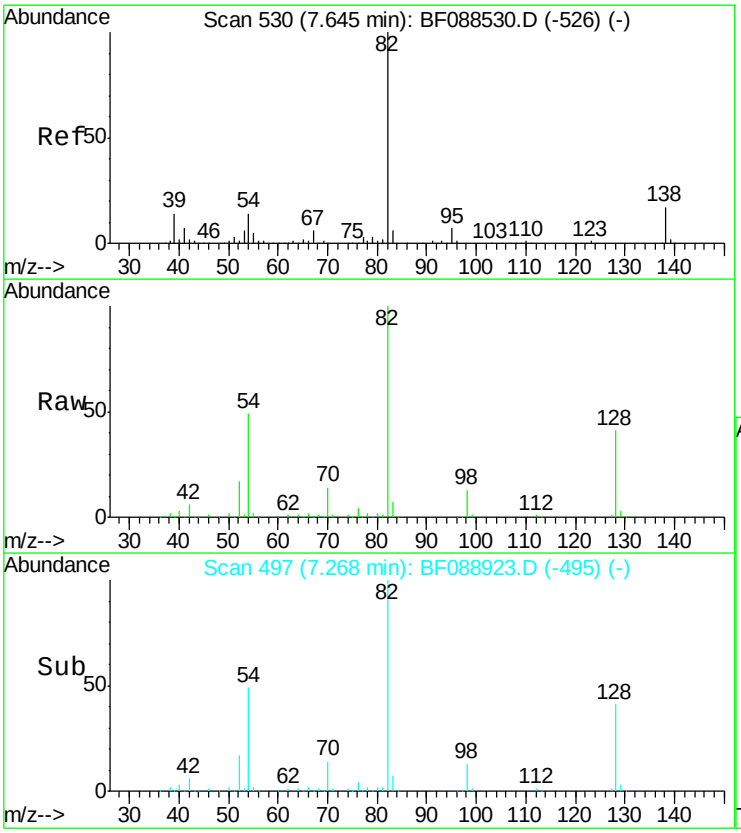
#23
Nitrobenzene-d5
Concen: 65.44 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 341131

Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.9	53.9
54	48.7	40.9	61.3

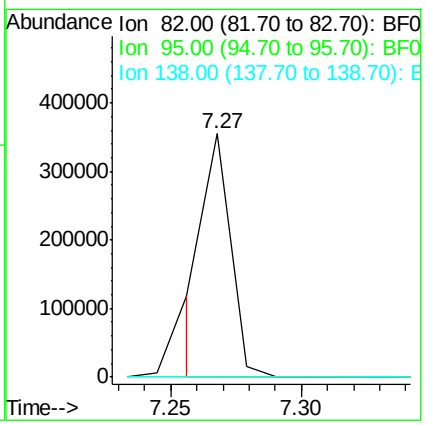


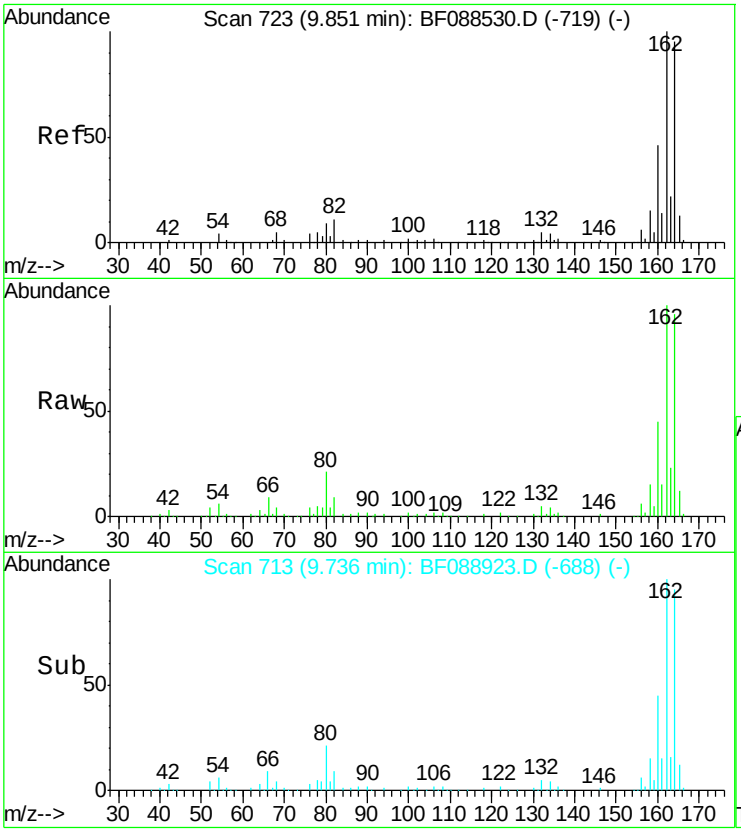


#25
Isophorone
Concen: 26.37 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.27 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion: 82 Resp: 254607

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



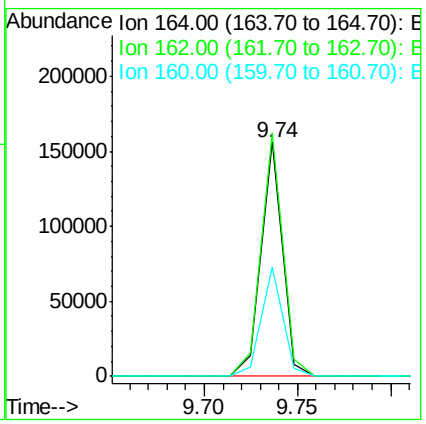


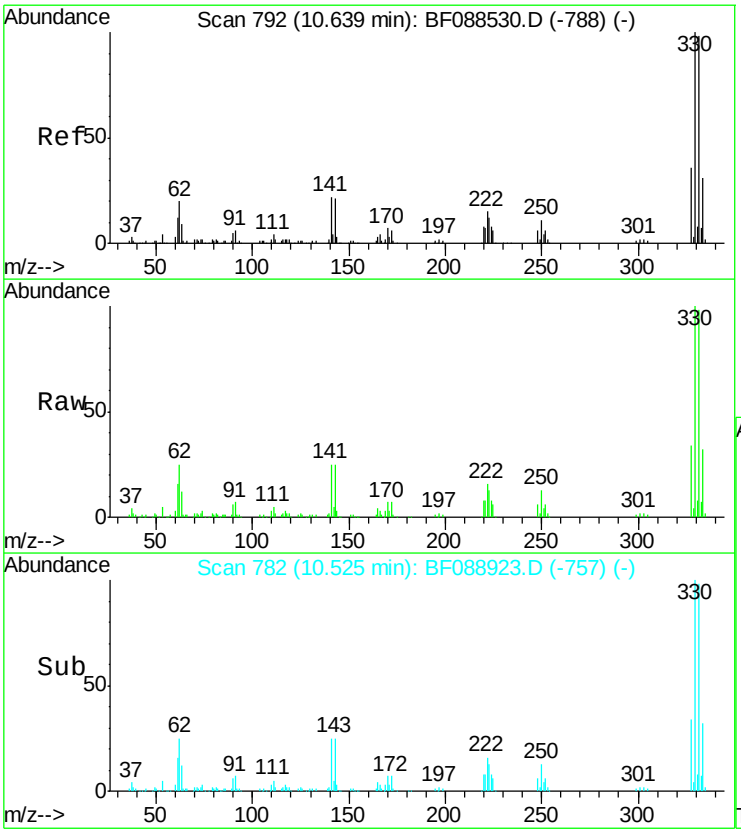
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 122958

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	46.8	39.5	59.3

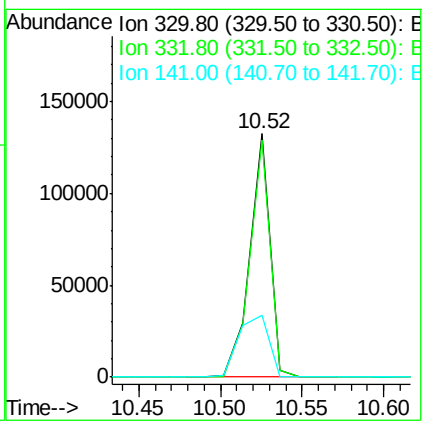


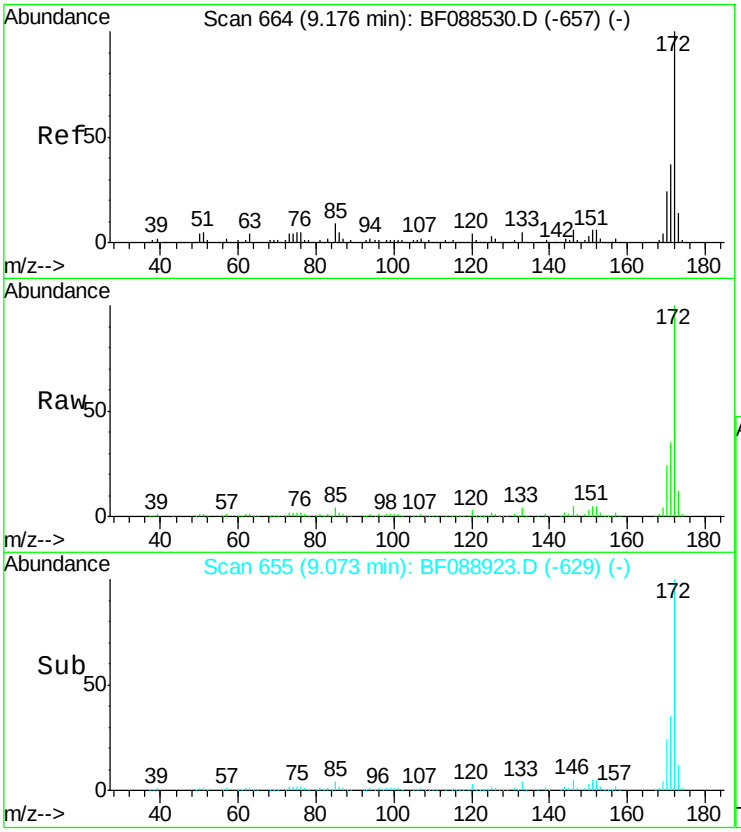


#41
2,4,6-Tribromophenol
Concen: 100.48 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:330 Resp: 114728

Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	38.0	0.0	0.0#



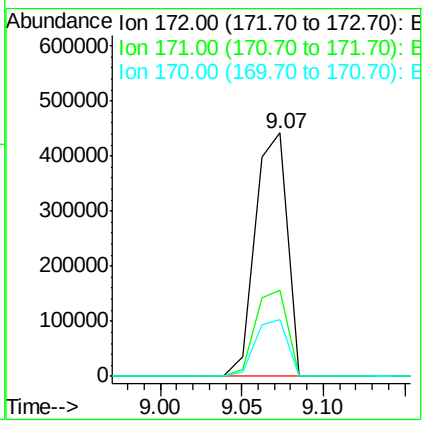


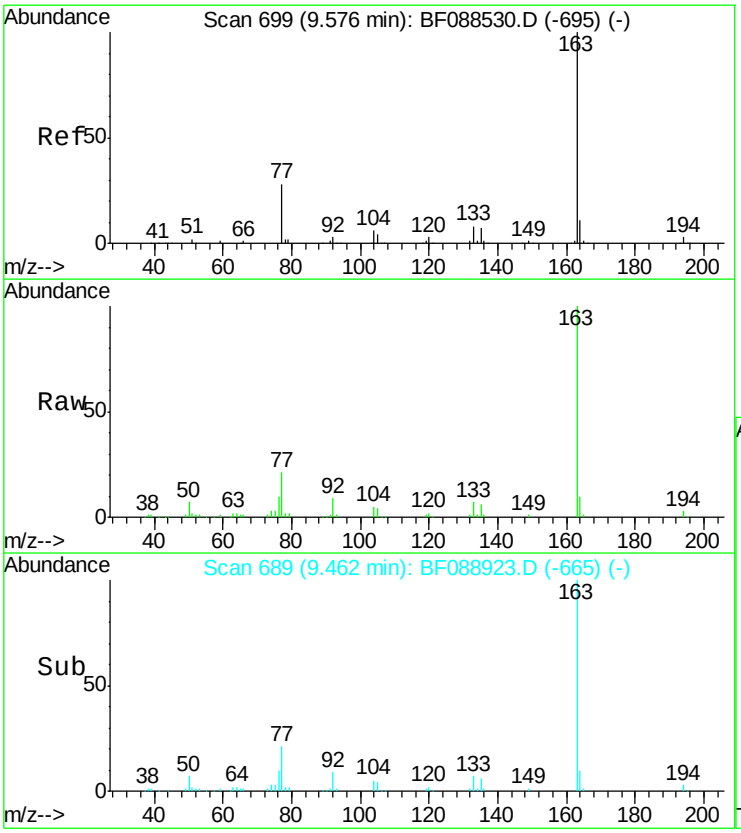
#44
2-Fluorobiphenyl
Concen: 77.35 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 602099

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.5	19.2	28.8

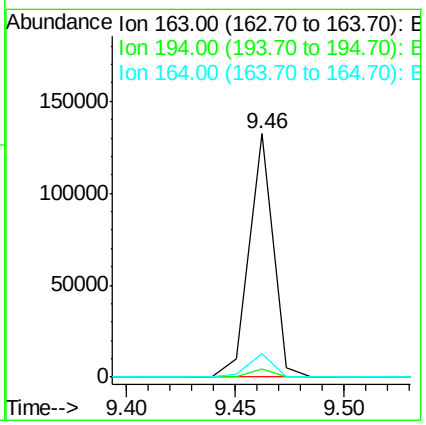


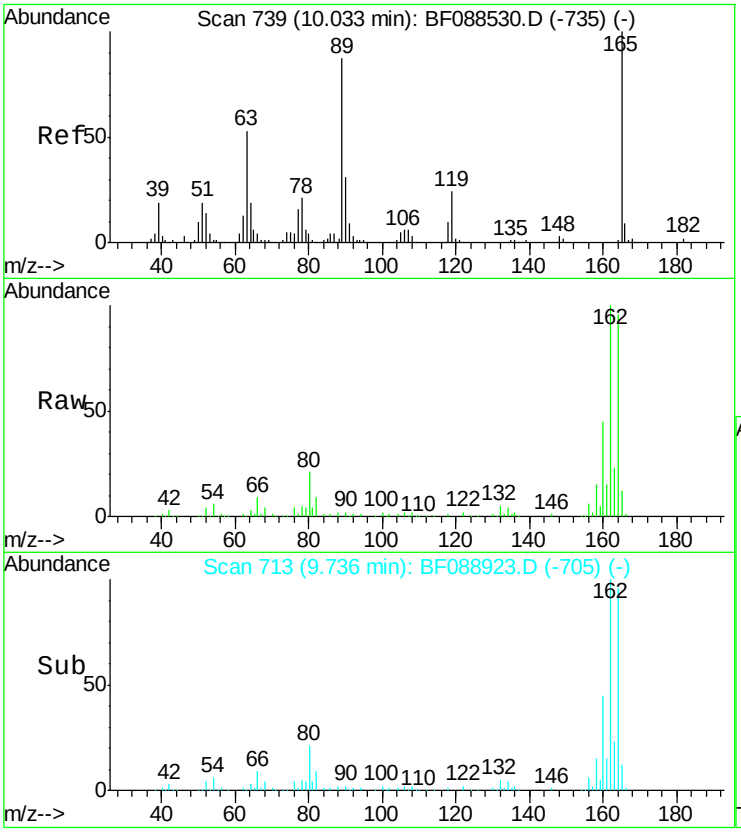


#49
Dimethylphthalate
Concen: 11.57 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:163 Resp: 101338

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	9.7	8.3	12.5



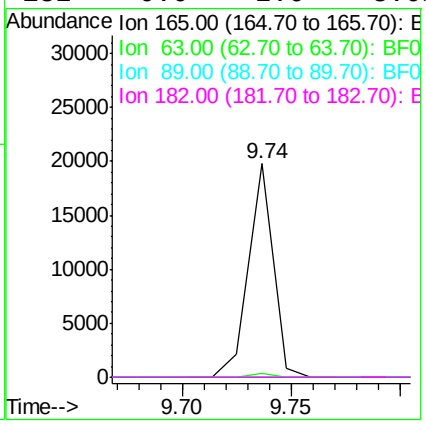


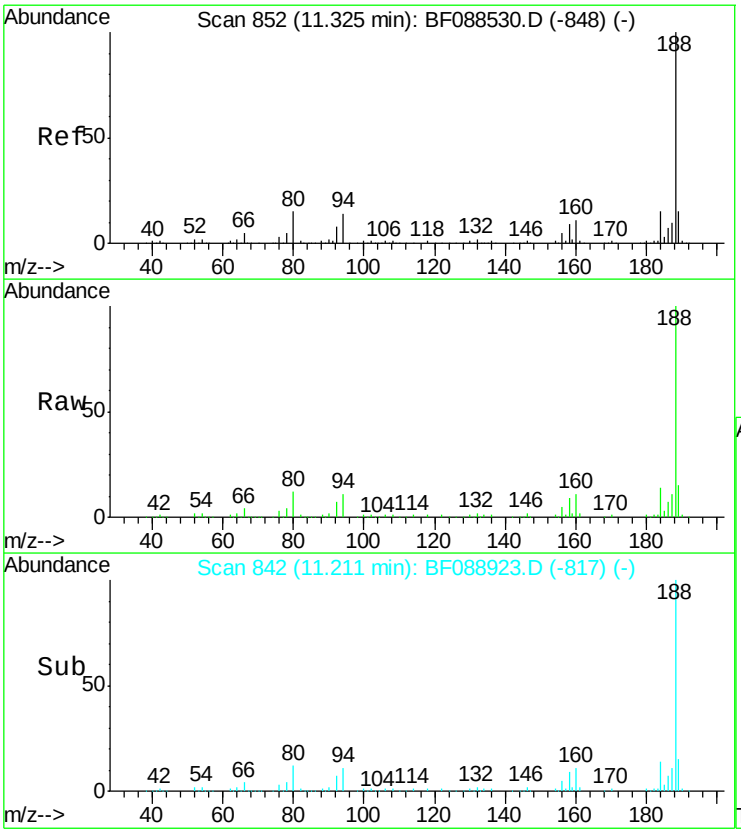
#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.21 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15661

Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

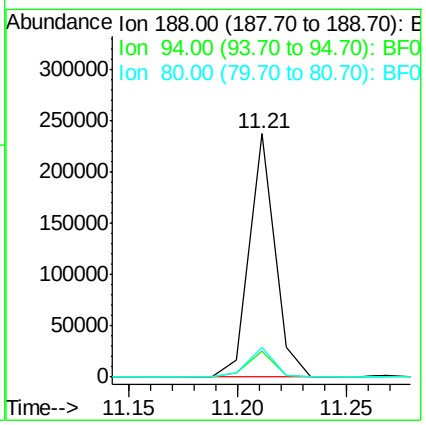


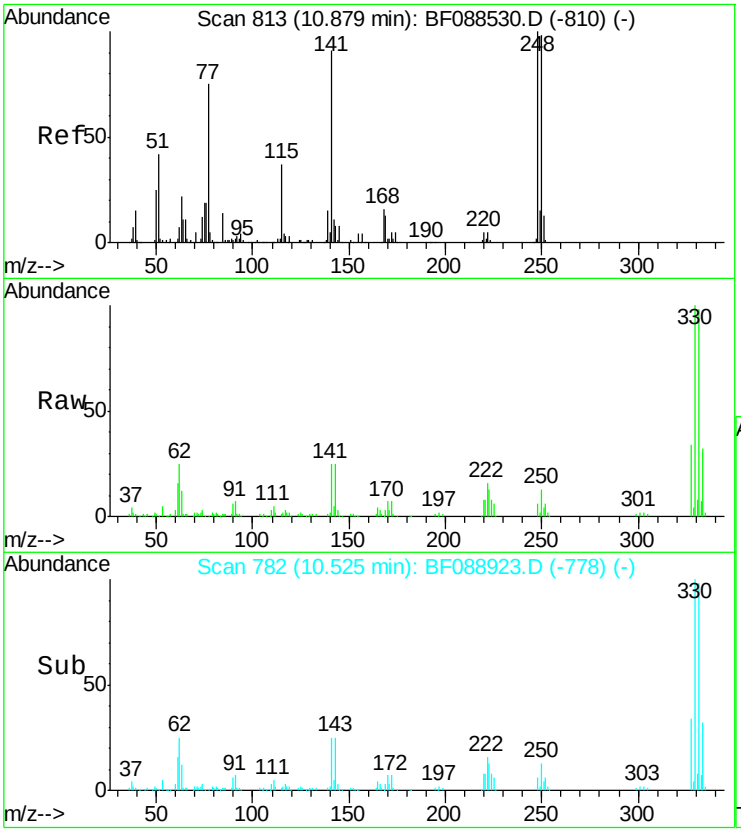


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:188 Resp: 195476

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.6
80	12.3	10.0	15.0



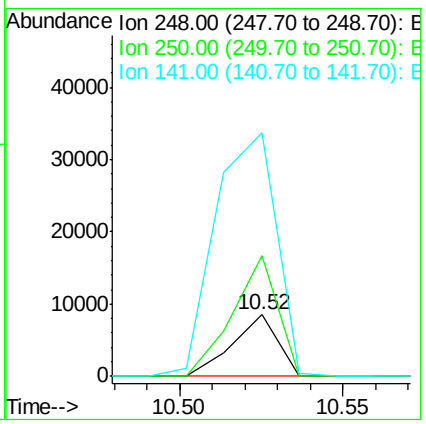


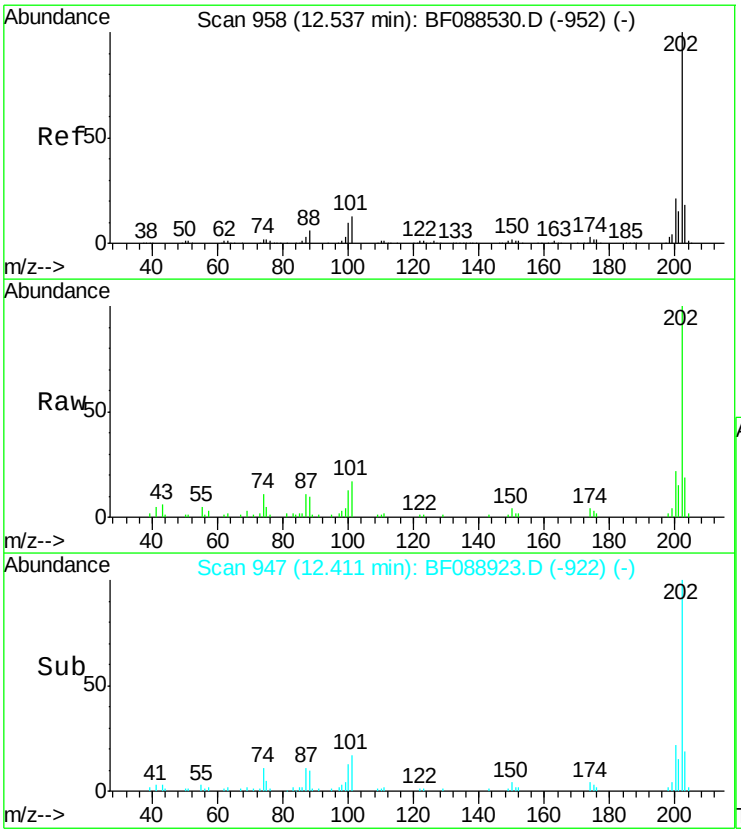
#66
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8001

Ion	Ratio	Lower	Upper
248	100		
250	197.7	77.1	115.7#
141	396.9	50.6	76.0#

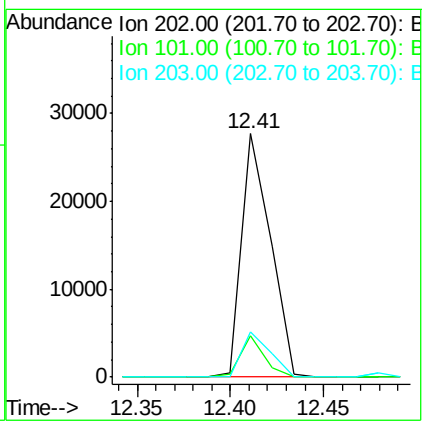


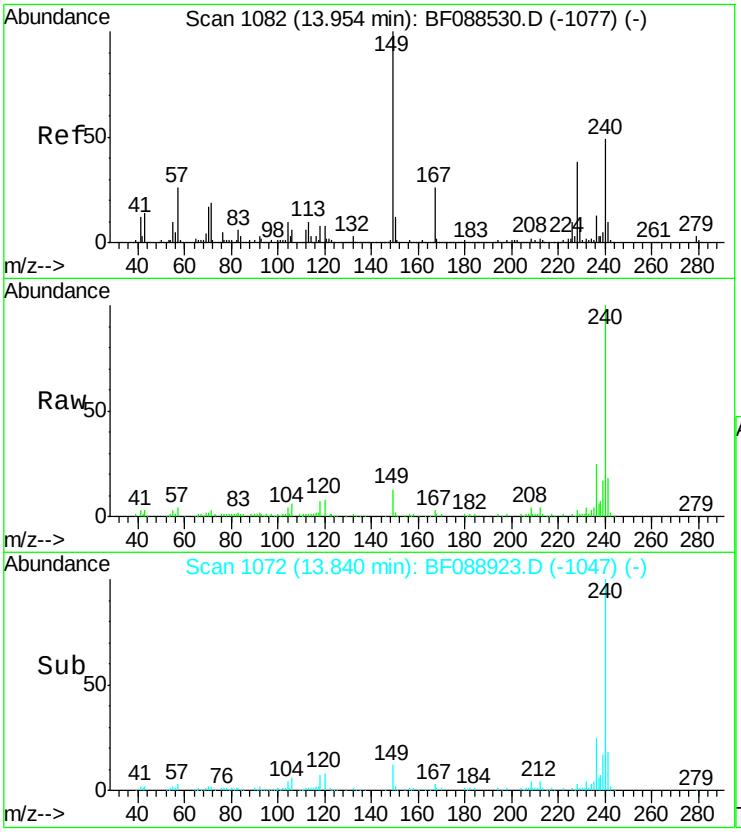


#74
Fluoranthene
Concen: 2.75 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:202 Resp: 29818

Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	33.1
203	18.6	0.0	38.1



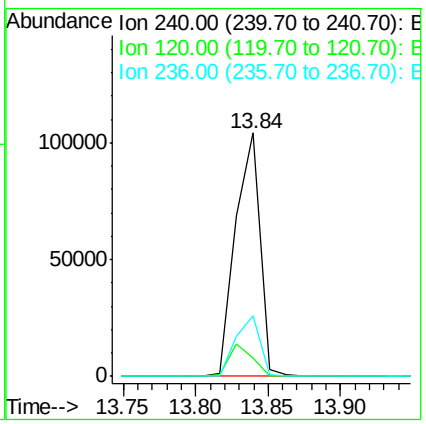


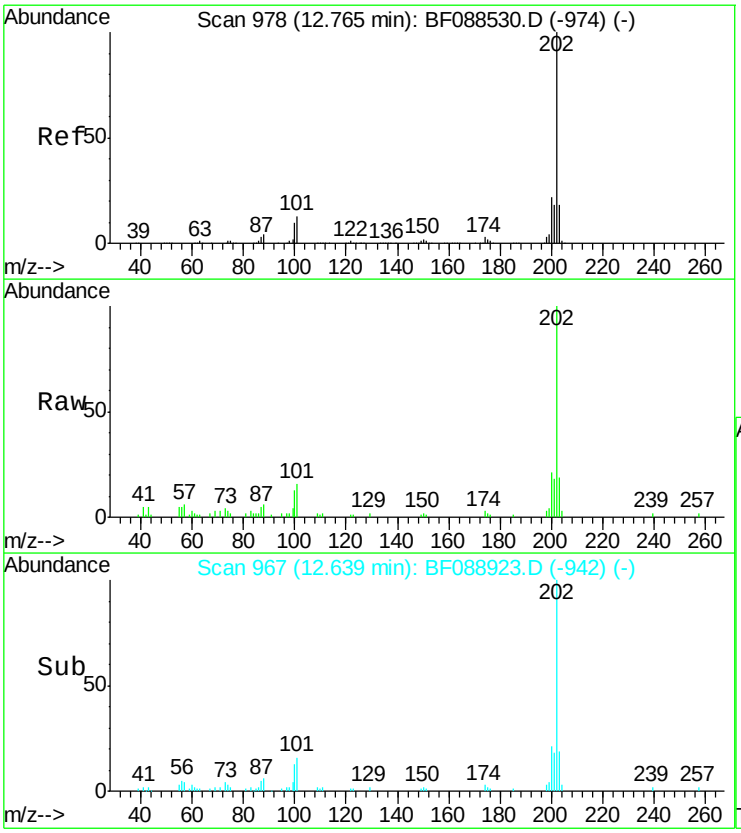
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 122169

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.8	10.2
236	25.0	20.2	30.2

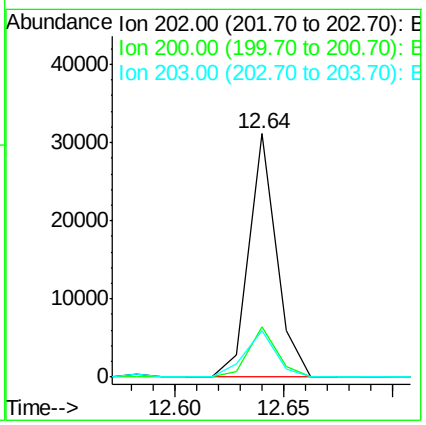


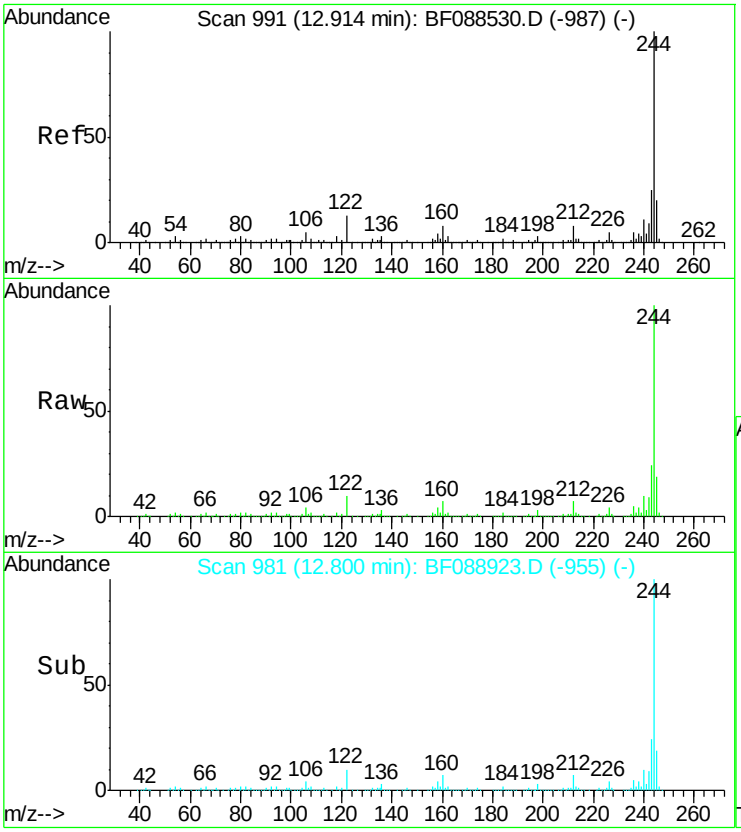


#77
Pyrene
Concen: 2.64 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:202 Resp: 27332

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.9	14.5	21.7



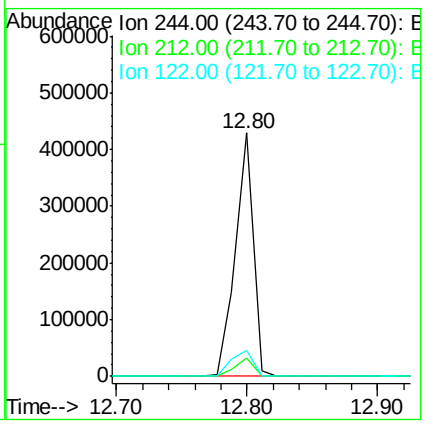


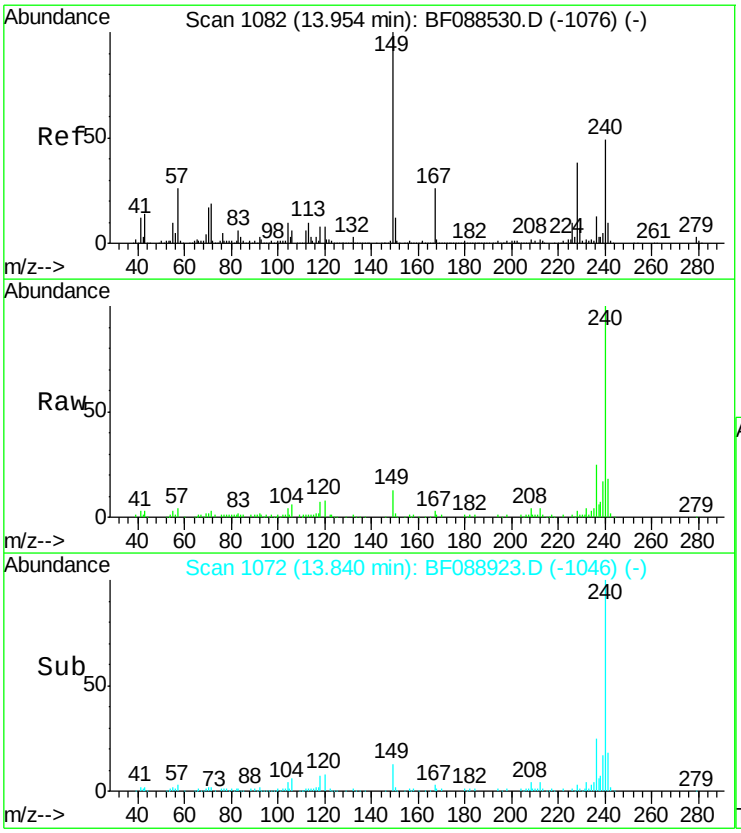
#78
Terphenyl-d14
Concen: 73.59 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 403656

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.4	11.2	16.8#

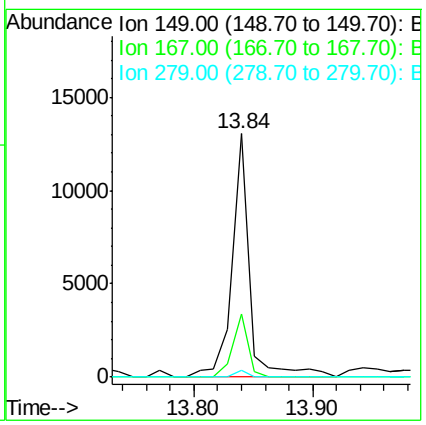


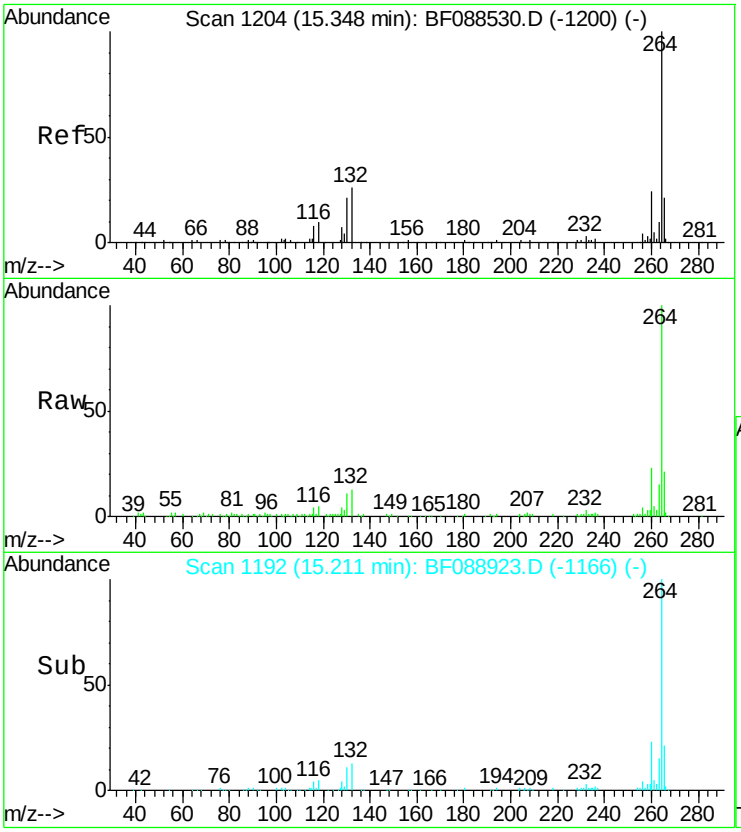


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.54 ng
RT: 13.84 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:149 Resp: 13418

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.5	30.7
279	3.1	2.0	3.0#



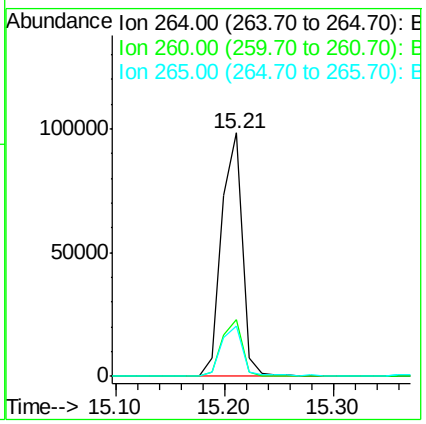


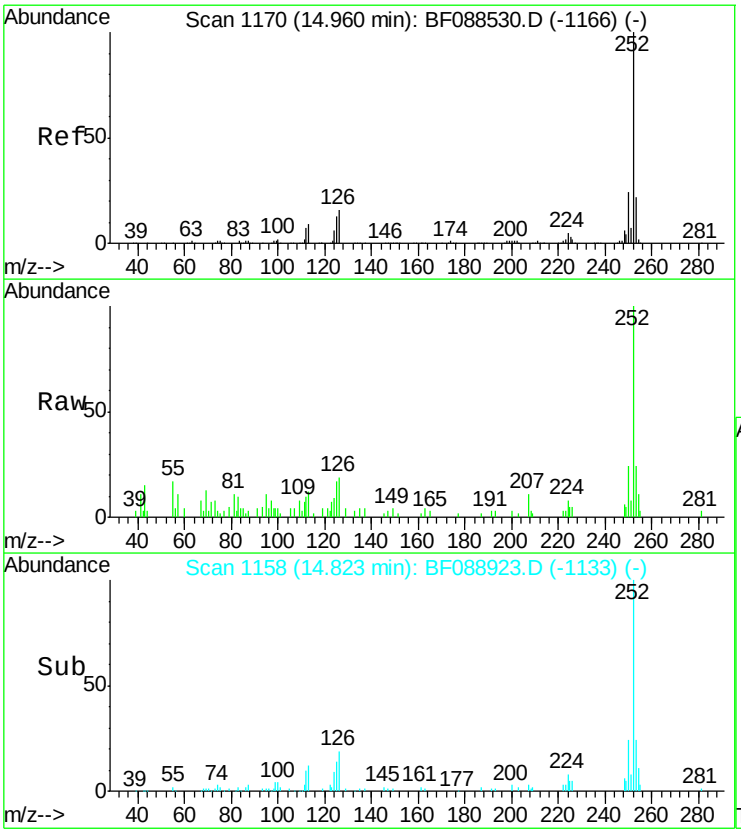
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 129901

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.7	16.9	25.3

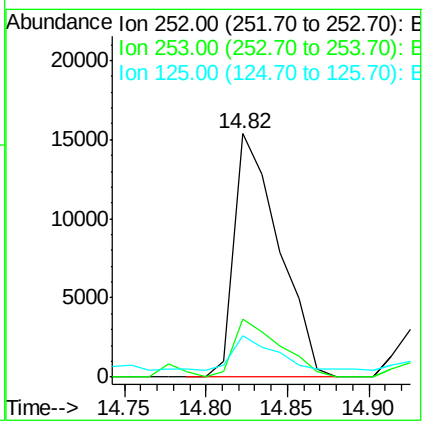


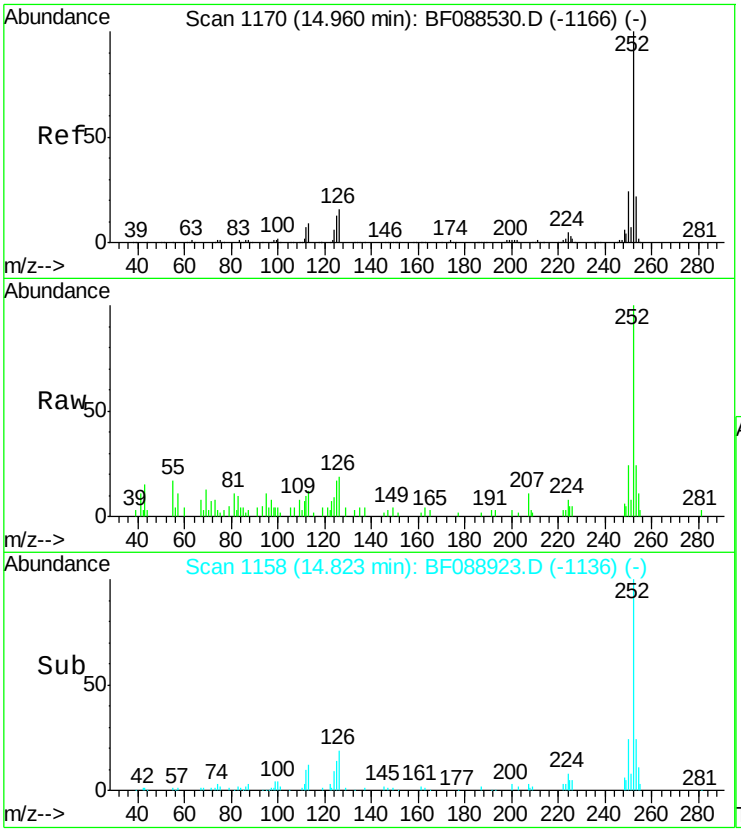


#87
Benzo(b)fluoranthene
Concen: 3.58 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:252 Resp: 29164

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	17.1	7.1	10.7#



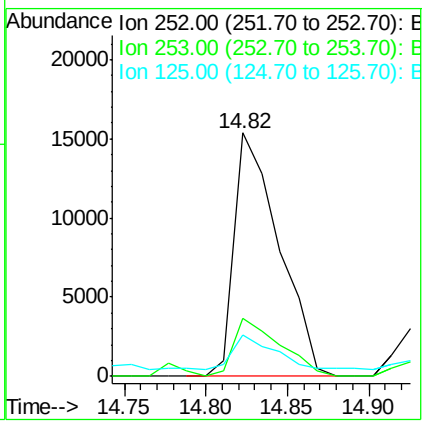


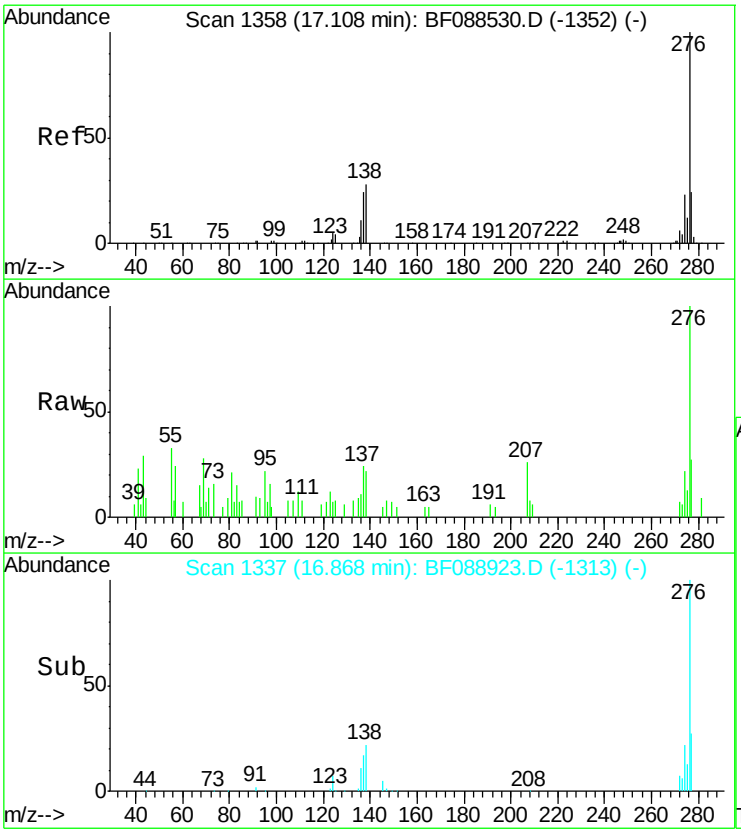
#88
Benzo(k)fluoranthene
Concen: 4.11 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29164

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	17.1	11.2	16.8#





#91
Benzo(g,h,i)perylene
Concen: 2.00 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF088923.D
Acq: 12 Jul 2016 14:27

Tgt Ion:276 Resp: 11947

Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.9	28.3
138	22.2	21.4	32.2