Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088919.D
Acq On : 12 Jul 2016 00:45
Operator : UM/SJ
Sample : H3921-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N8-B5(0-8)C

Quant Time: Jul 12 02:09:26 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	6.71	152	61688	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	251986	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	98524	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	155857	20.00	ng		0.00
75) Chrysene-d12	13.84	240	127434	20.00	ng		-0.01
86) Perylene-d12	15.22	264	106195	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	416703	101.24	ng		0.01
7) Phenol-d6	6.35	99	545827	102.63	ng		0.00
23) Nitrobenzene-d5	7.28	82	344481	71.64	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	92540	101.15	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	472853	75.81	ng		0.00
78) Terphenyl-d14	12.80	244	337969	59.07	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	46249	12.95	ng	#	72
25) Isophorone	7.28	82	251701	28.26	ng	#	65
49) Dimethylphthalate	9.47	163	82911	11.81	ng		99
56) 2,4-Dinitrotoluene	9.75	165	12716	6.25	ng	#	36
66) 4-Bromophenyl-phenylether	10.52	248	5838	3.72	ng	#	1
74) Fluoranthene	12.42	202	27498	3.18	ng		99
77) Pyrene	12.65	202	26086	2.41	ng		98
80) Benzo(a)anthracene	13.83	228	16531	2.01	ng		96
82) Chrysene	13.83	228	16531	2.04	ng		97
83) Bis(2-ethylhexyl)phthalate	13.85	149	14022	2.55	ng	#	92
87) Benzo(b)fluoranthene	14.83	252	27571	4.14	ng	#	92
88) Benzo(k)fluoranthene	14.83	252	27571	4.75	ng		97
89) Benzo(a)pyrene	15.17	252	12157	2.16	ng		98

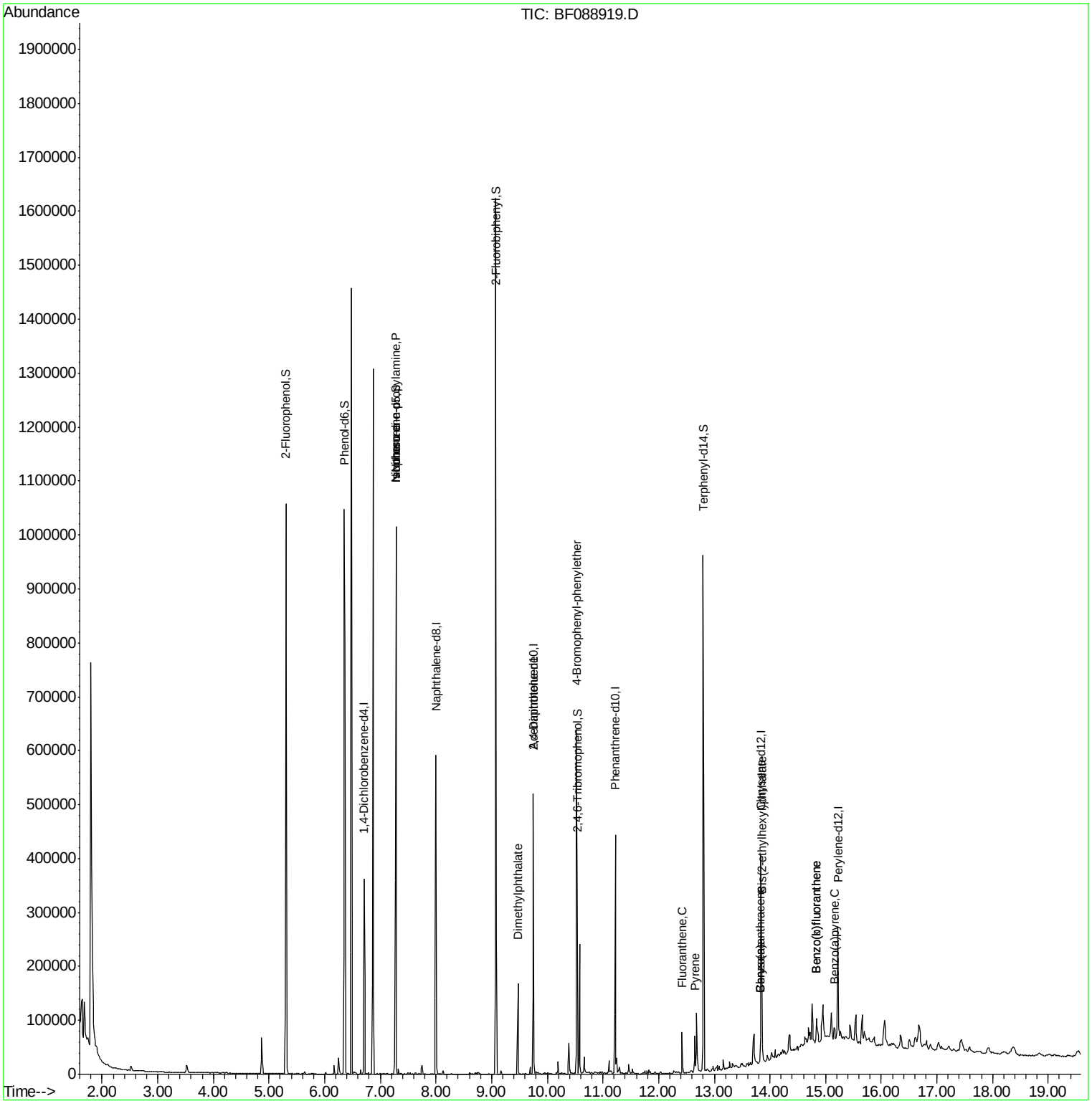
(#) = qualifier out of range (m) = manual integration (+) = signals summed

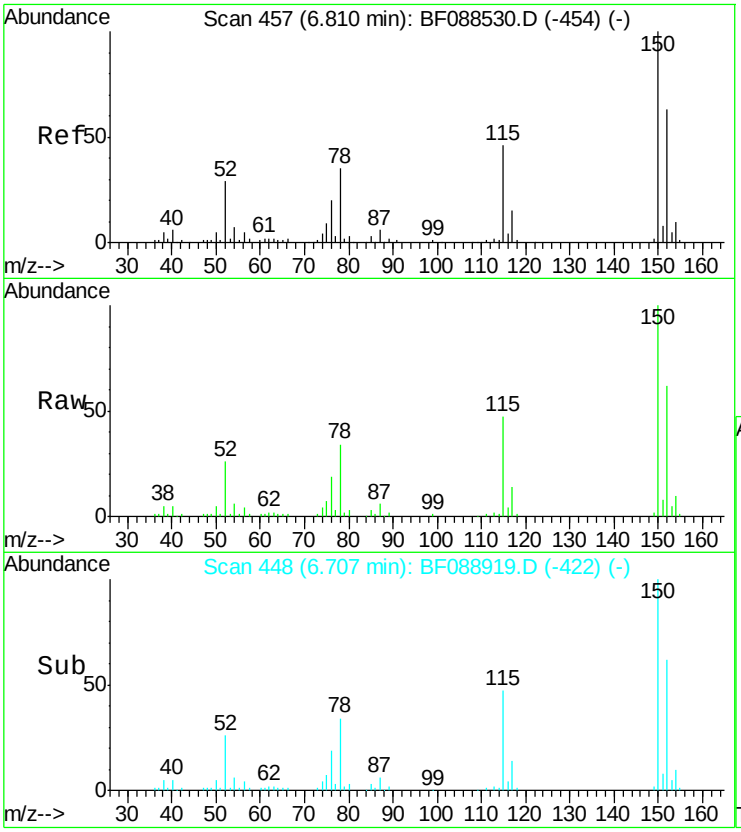
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088919.D
Acq On : 12 Jul 2016 00:45
Operator : UM/SJ
Sample : H3921-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Quant Time: Jul 12 02:09:26 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



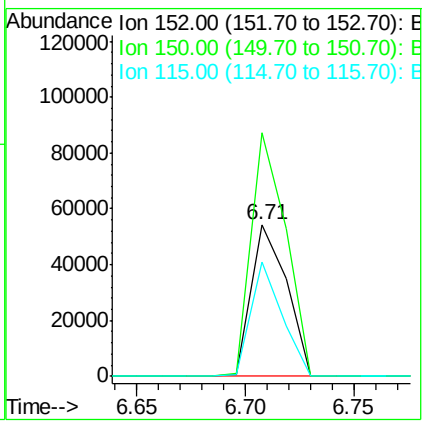


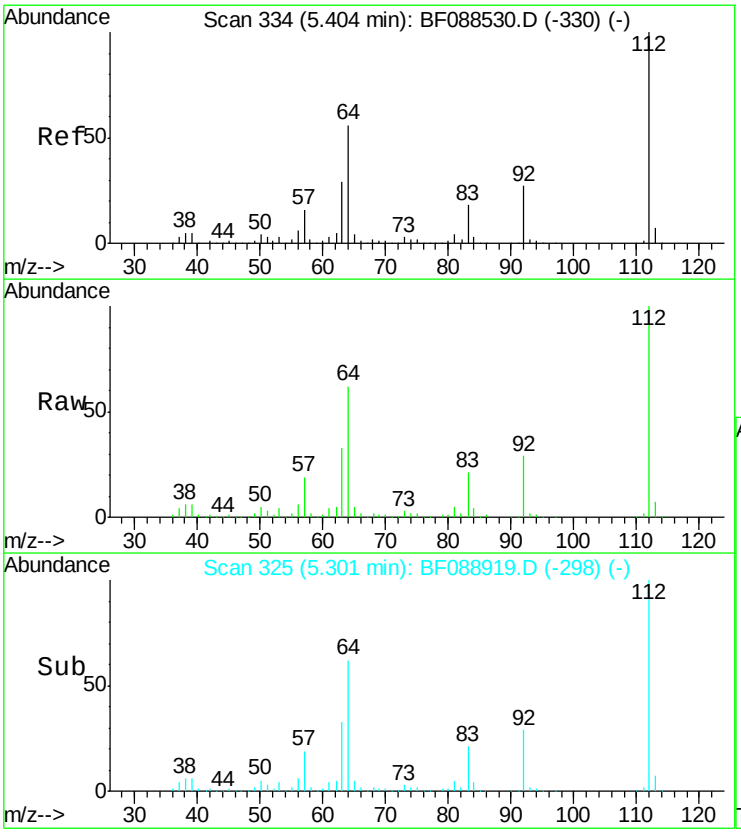
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:152 Resp: 61688

Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.8	185.6
115	75.2	39.6	59.4#

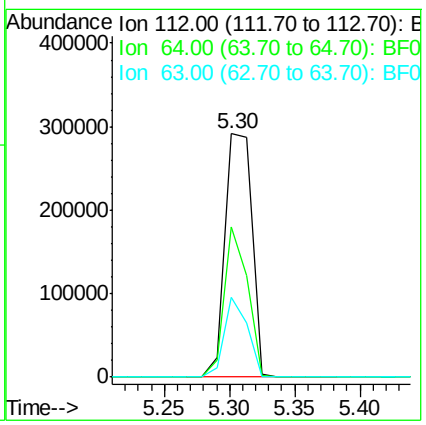


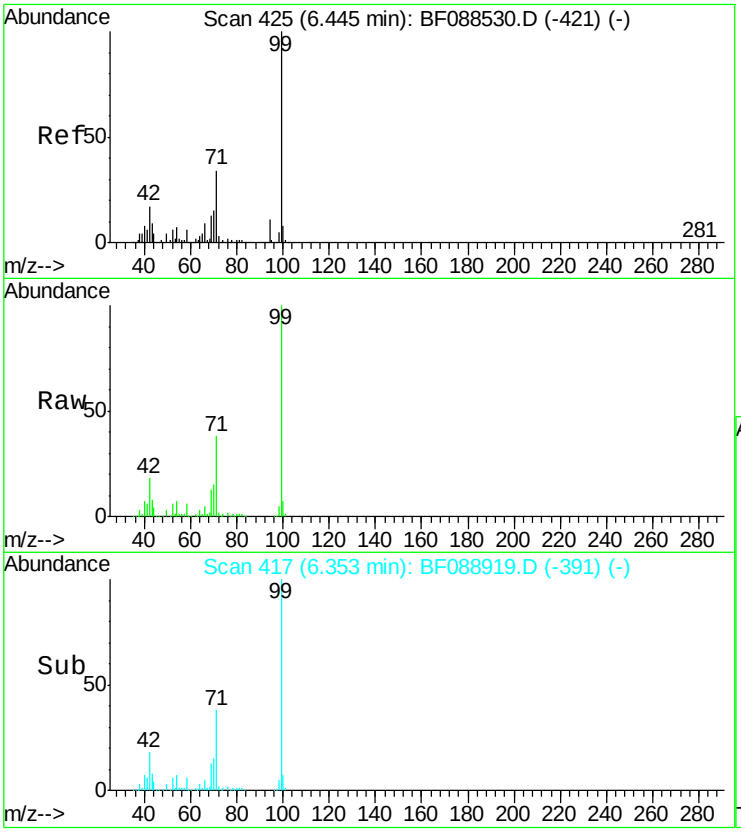


#5
2-Fluorophenol
Concen: 101.24 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:112 Resp: 416703

Ion	Ratio	Lower	Upper
112	100		
64	61.6	42.2	63.2
63	32.7	21.8	32.8



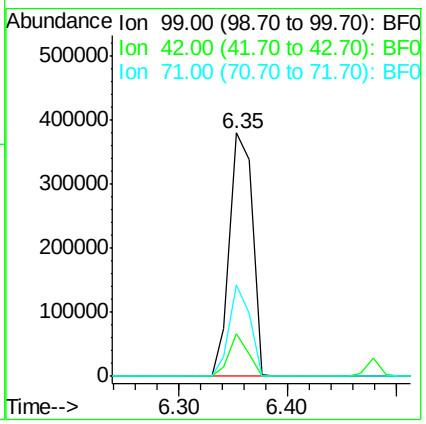


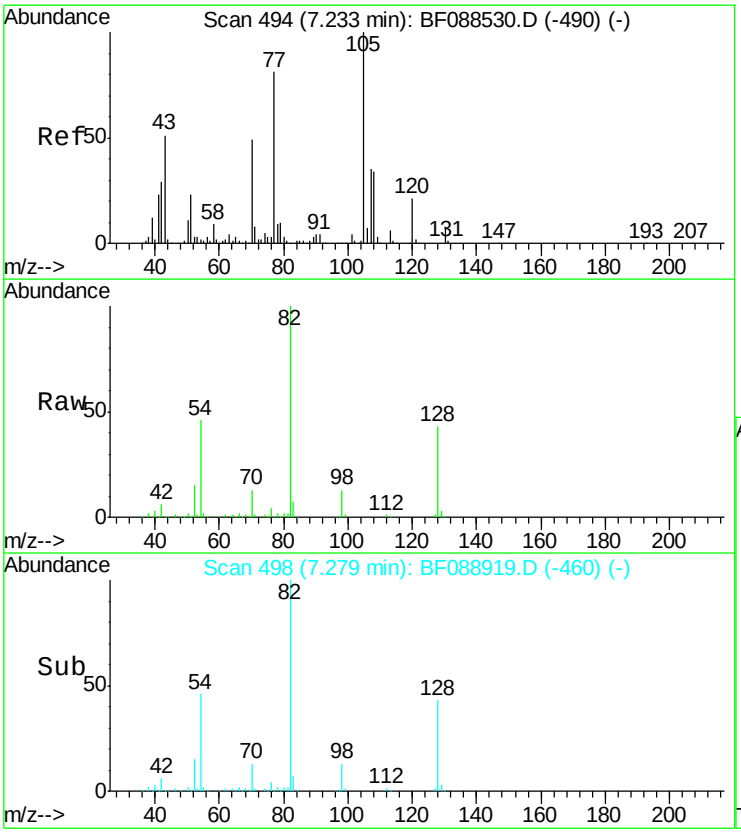
#7
Phenol-d6
Concen: 102.63 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion: 99 Resp: 545827

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	37.6	23.4	35.0#

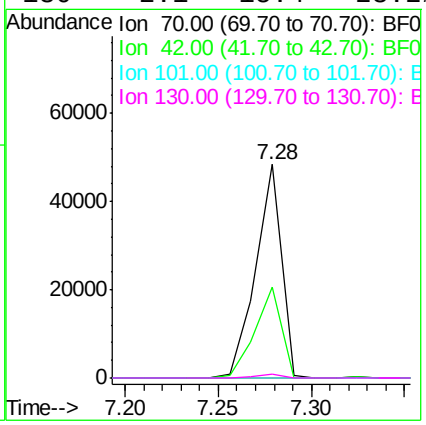


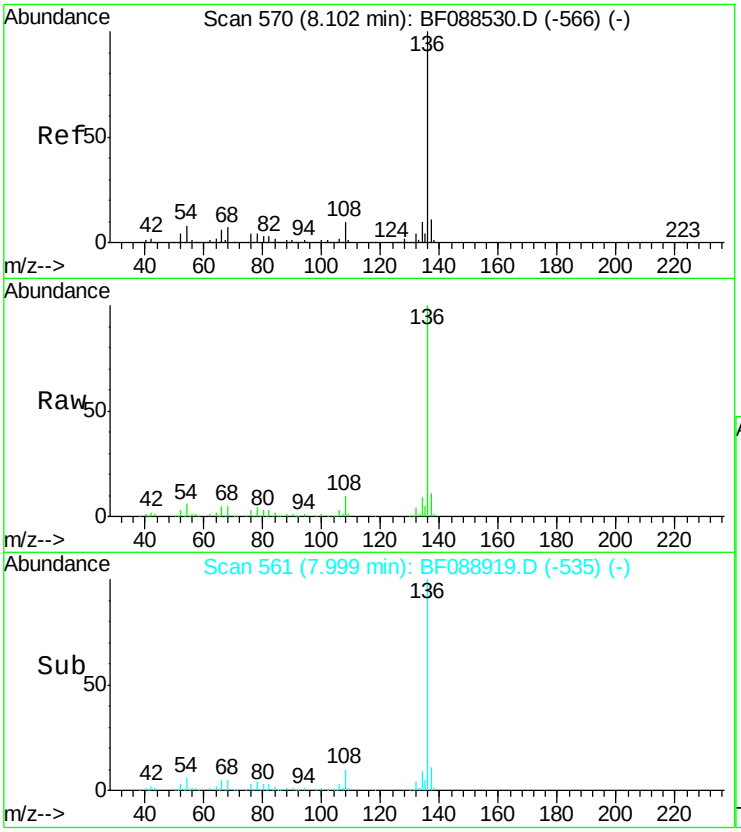


#19
n-Nitroso-di-n-propylamine
Concen: 12.95 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.14 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion: 70 Resp: 46249

Ion	Ratio	Lower	Upper
70	100		
42	42.5	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



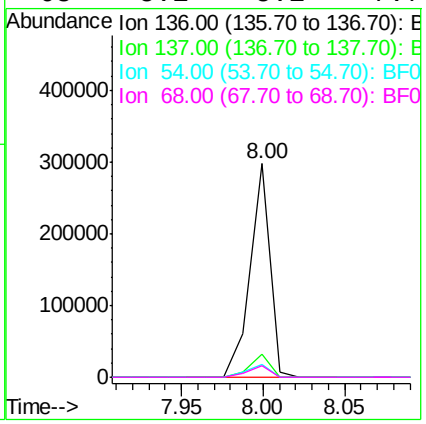


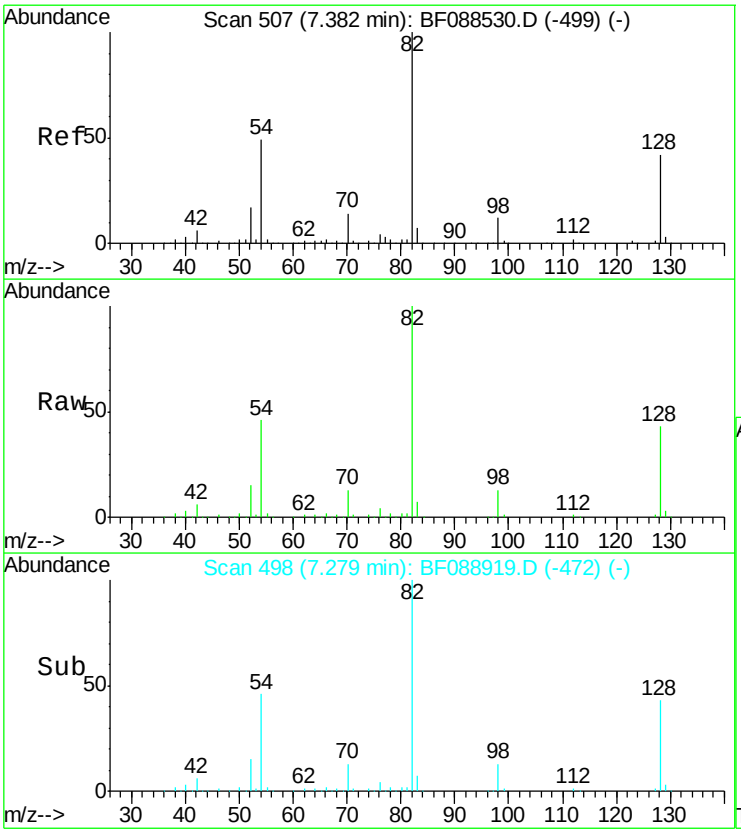
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:136 Resp: 251986

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.0	6.6	10.0#
68	5.1	5.1	7.7

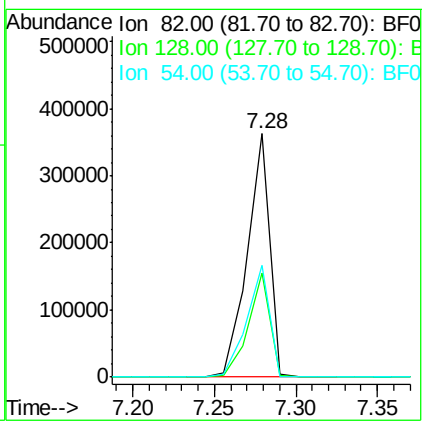


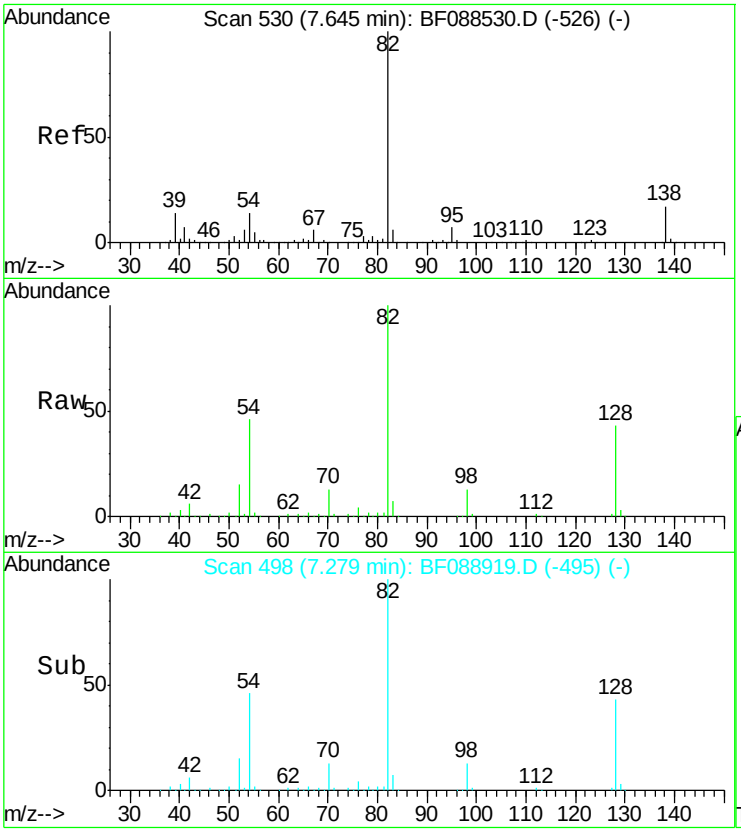


#23
Nitrobenzene-d5
Concen: 71.64 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion: 82 Resp: 344481

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.9	53.9
54	45.8	40.9	61.3



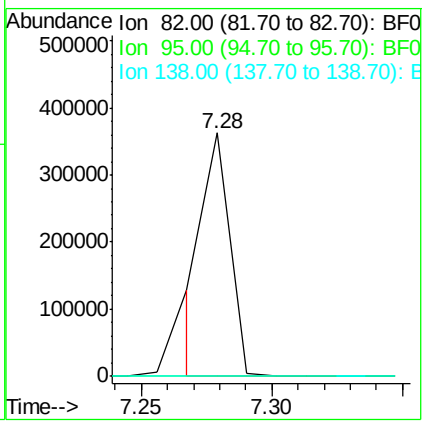


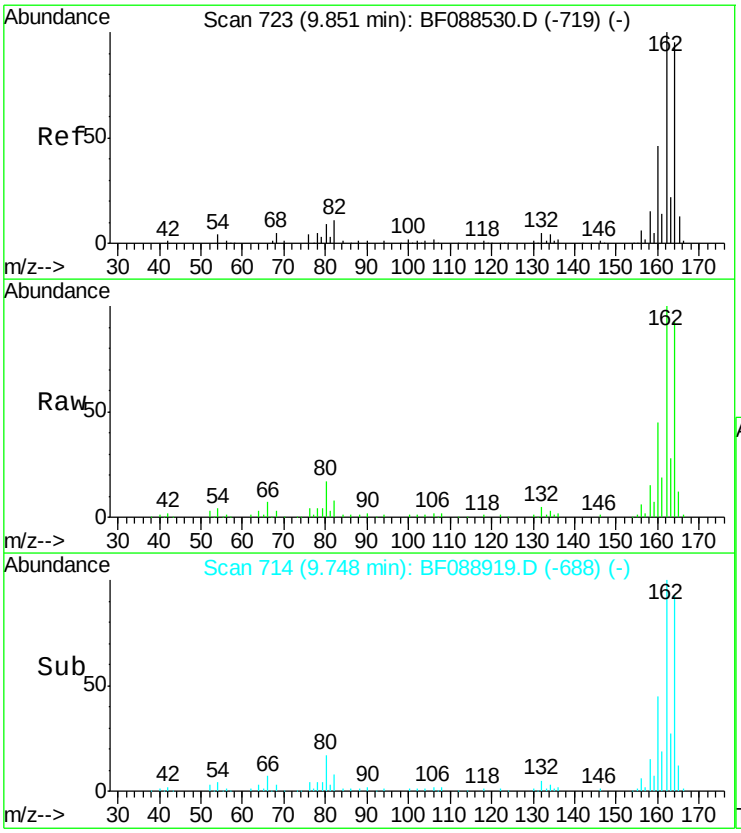
#25
Isophorone
Concen: 28.26 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.26 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion: 82 Resp: 251701

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

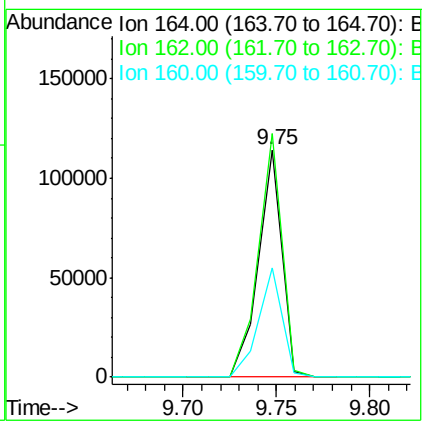


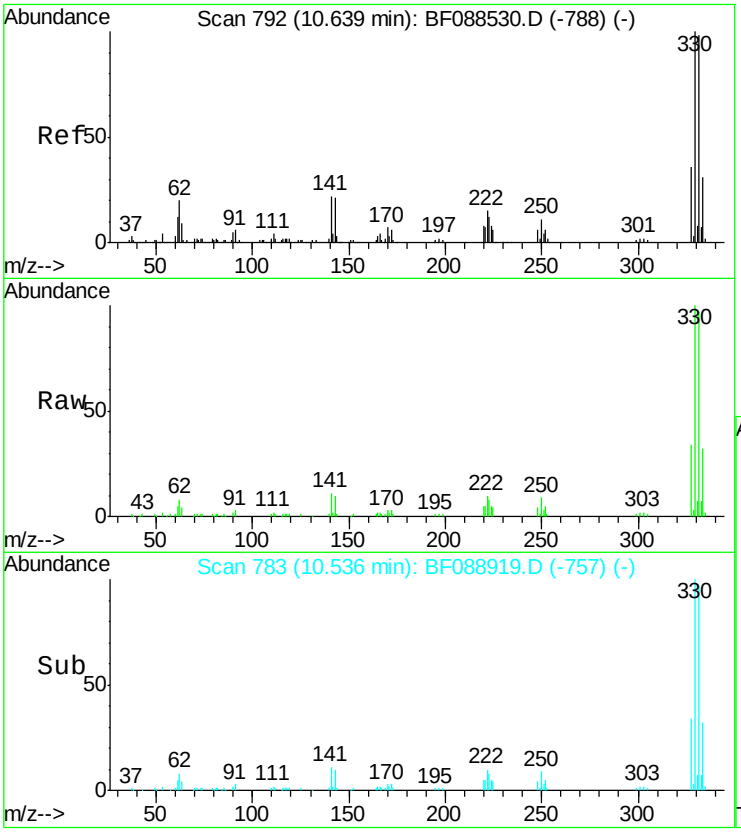


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:164 Resp: 98524

Ion	Ratio	Lower	Upper
164	100		
162	107.2	85.4	128.2
160	48.3	39.5	59.3



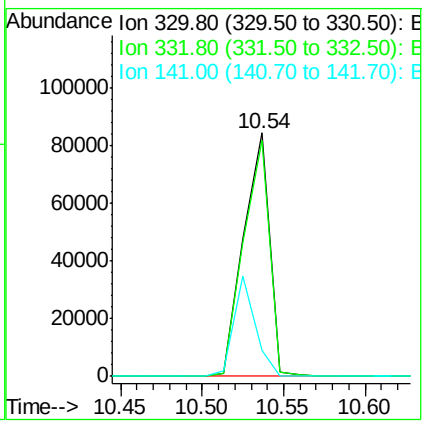


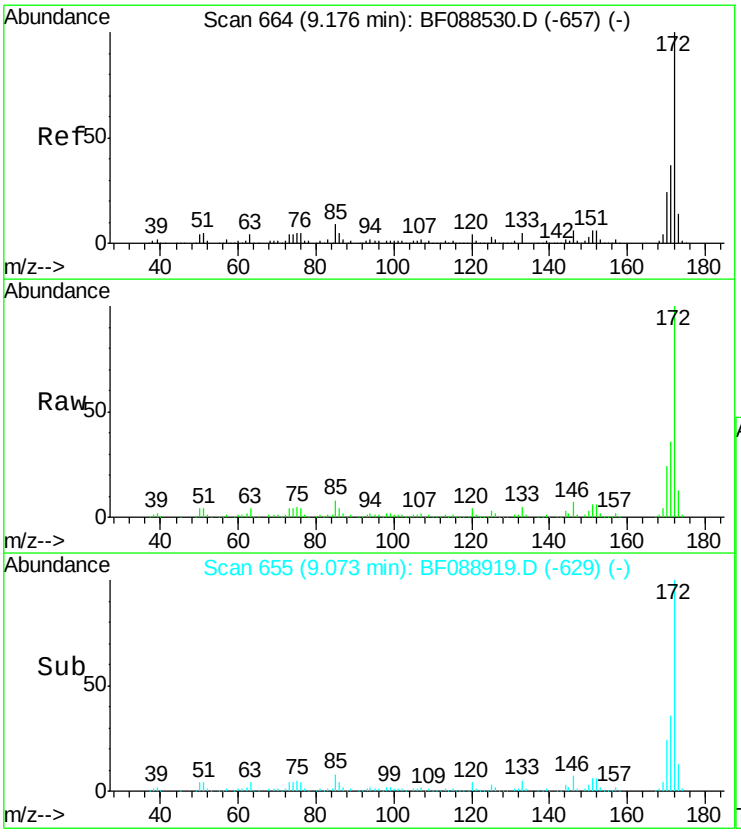
#41
2,4,6-Tribromophenol
Concen: 101.15 ng
RT: 10.54 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:330 Resp: 92540

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	34.3	0.0	0.0#

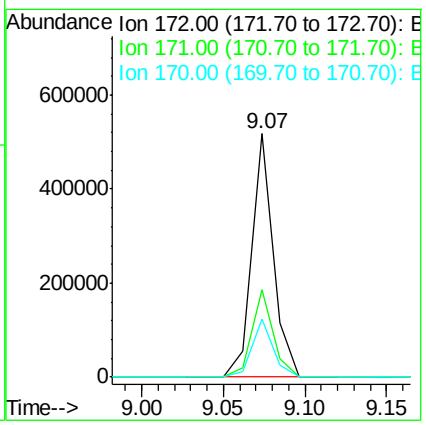


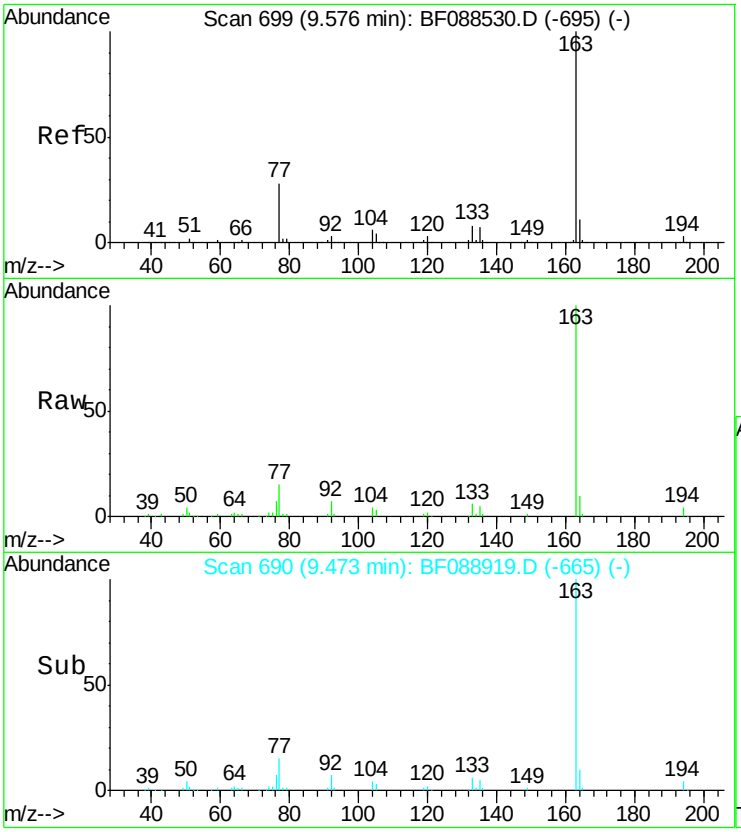


#44
2-Fluorobiphenyl
Concen: 75.81 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:172 Resp: 472853

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.6	19.2	28.8



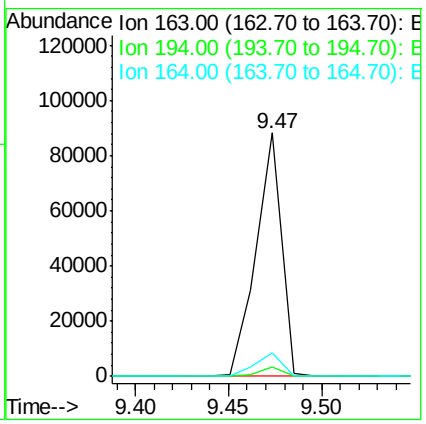


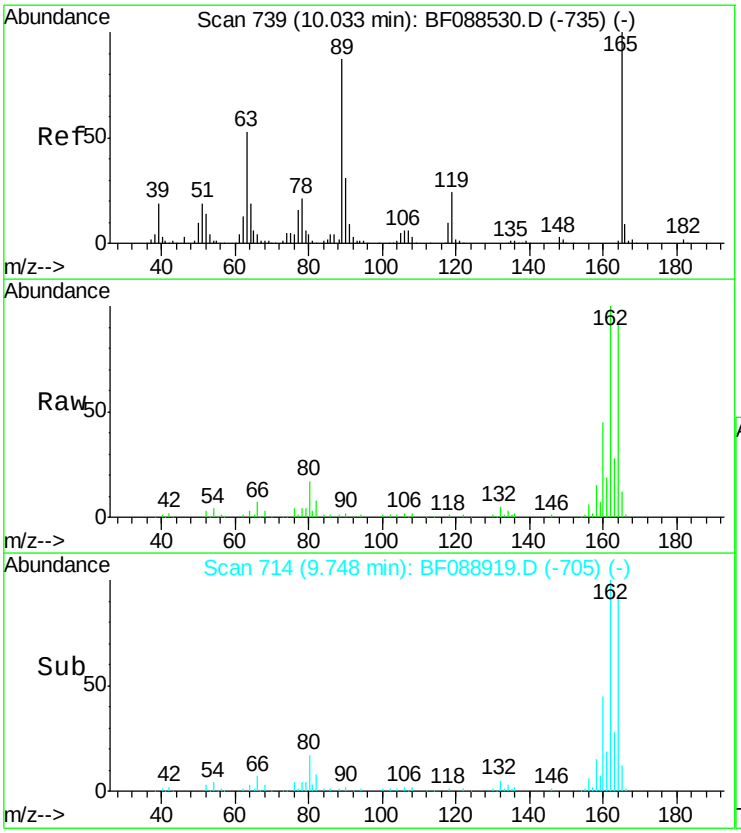
#49
Dimethylphthalate
Concen: 11.81 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:163 Resp: 82911

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

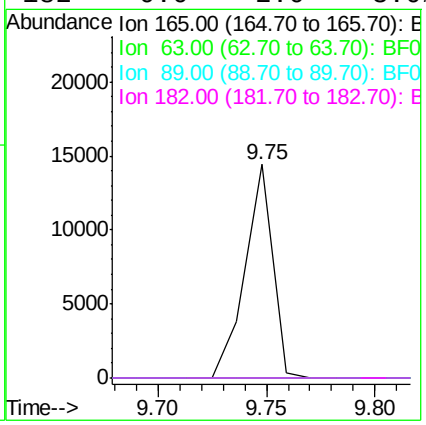


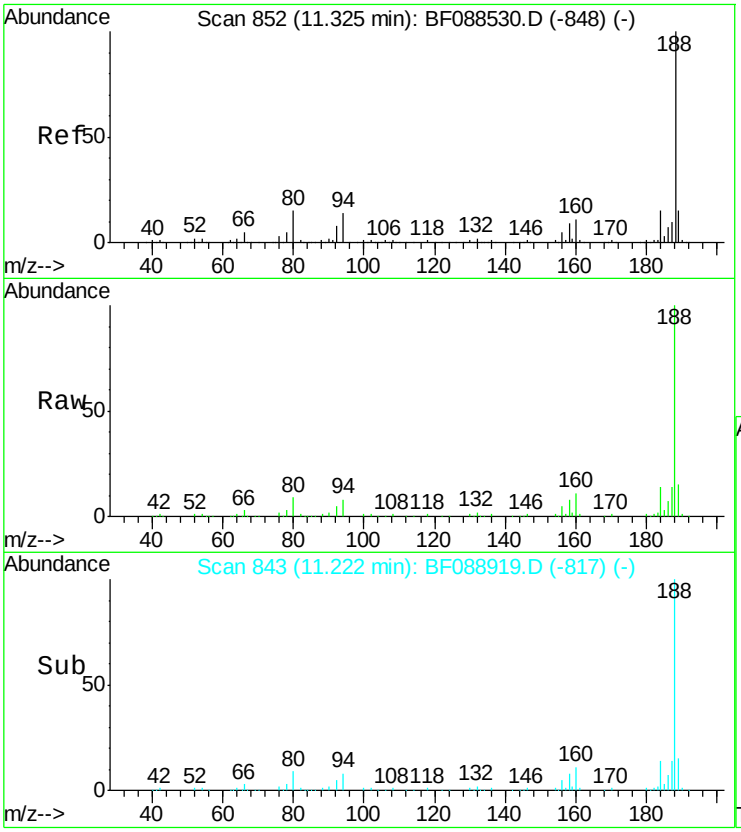


#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.19 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:165 Resp: 12716

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#



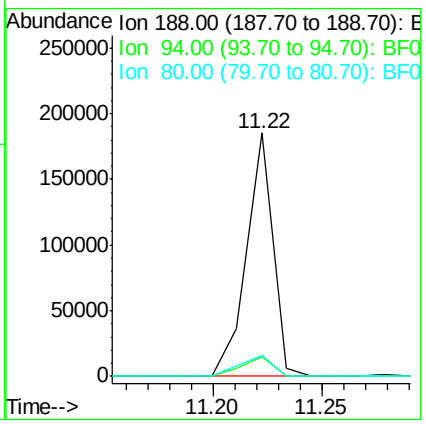


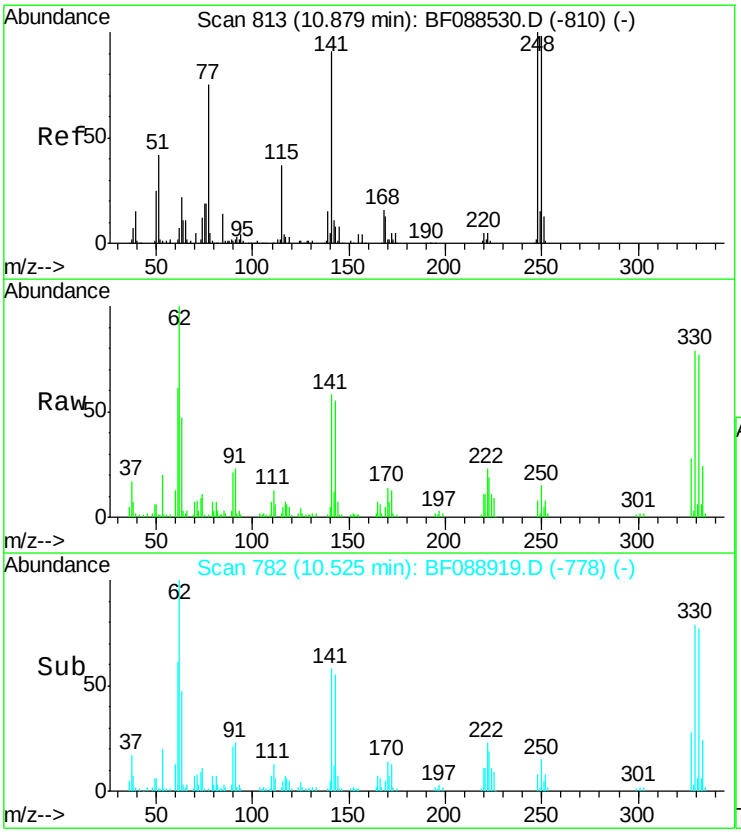
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:188 Resp: 155857

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.6#
80	8.6	10.0	15.0#

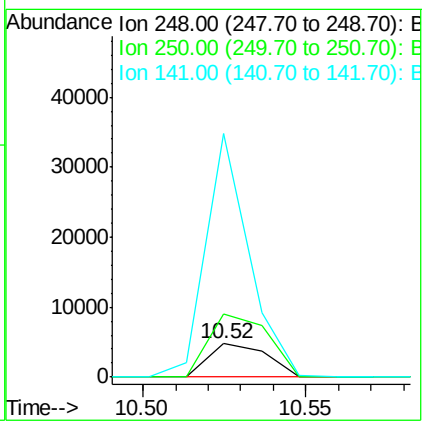


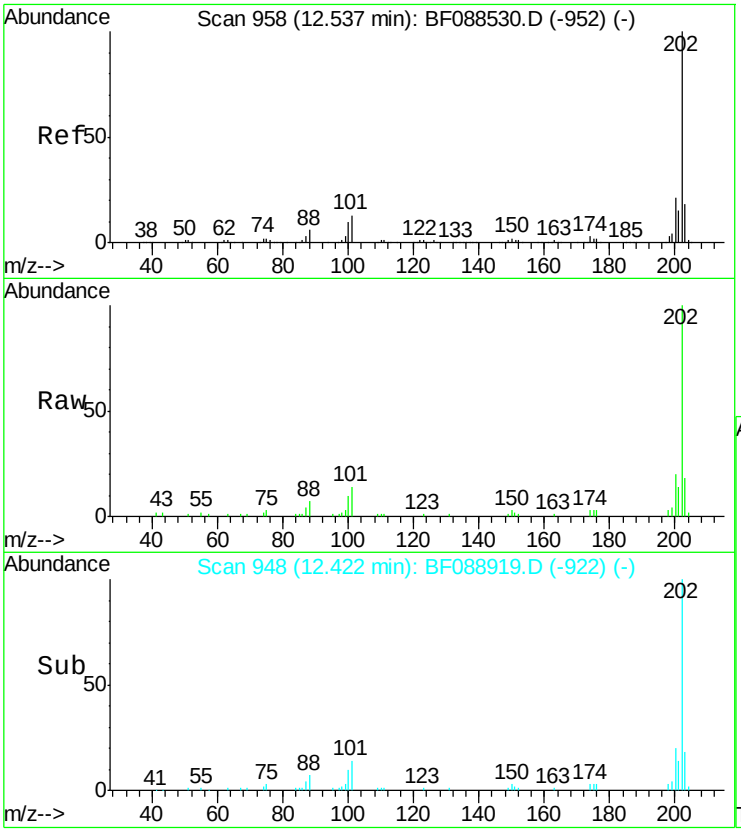


#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:248 Resp: 5838

Ion	Ratio	Lower	Upper
248	100		
250	188.2	77.1	115.7#
141	731.5	50.6	76.0#



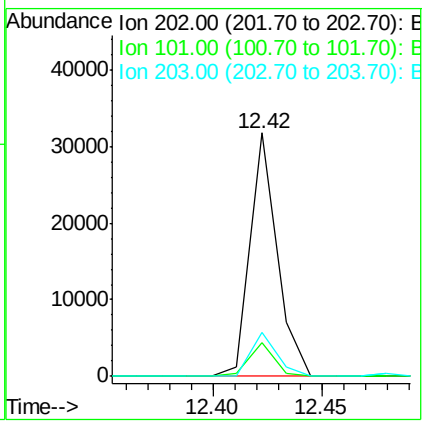


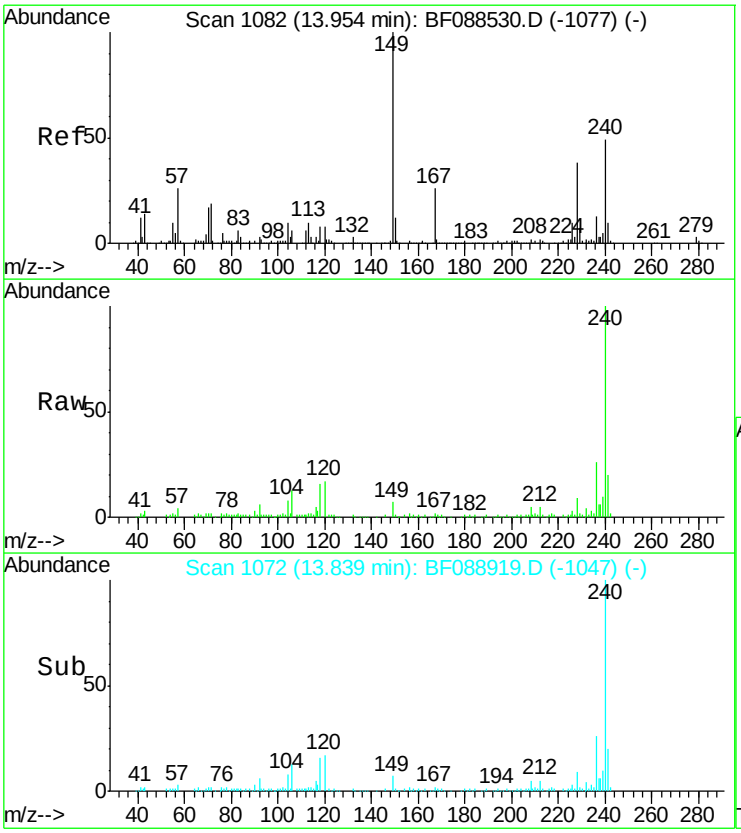
#74
Fluoranthene
Concen: 3.18 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:202 Resp: 27498

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.1
203	18.0	0.0	38.1

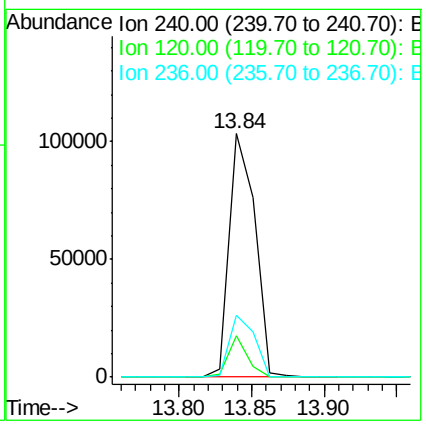


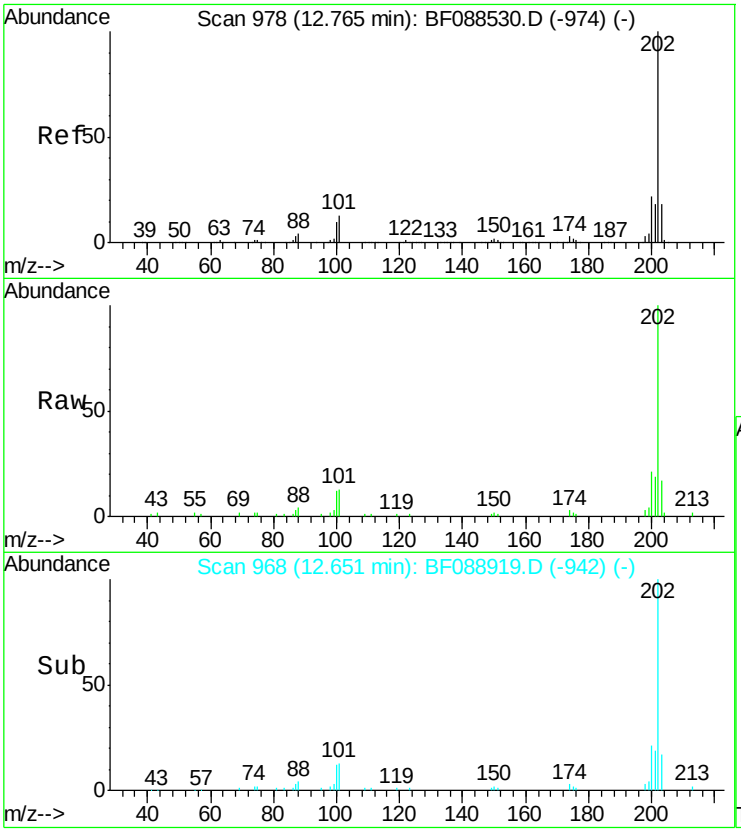


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:240 Resp: 127434

Ion	Ratio	Lower	Upper
240	100		
120	17.2	6.8	10.2#
236	25.6	20.2	30.2



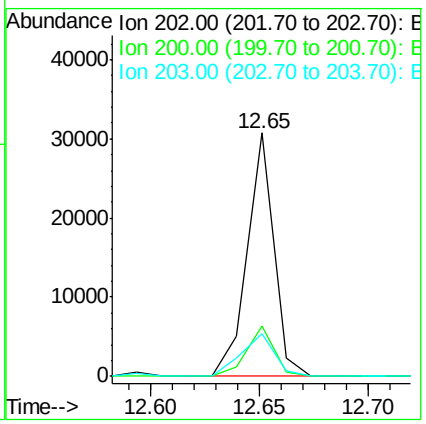


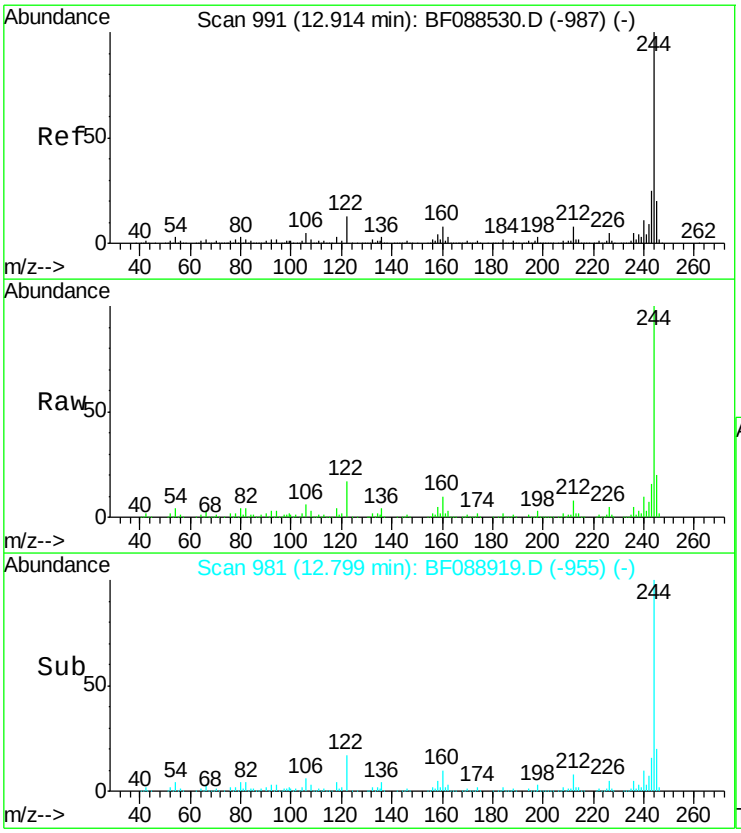
#77
Pyrene
Concen: 2.41 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:202 Resp: 26086

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.4	14.5	21.7

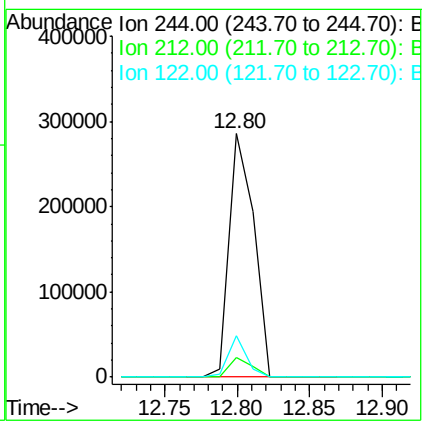


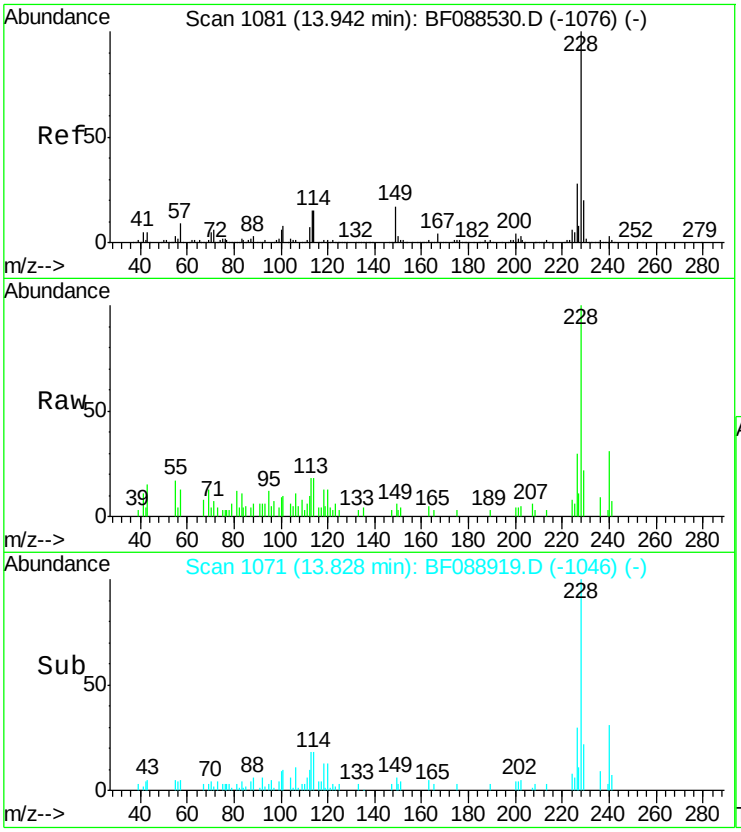


#78
Terphenyl-d14
Concen: 59.07 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:244 Resp: 337969

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	17.0	11.2	16.8#



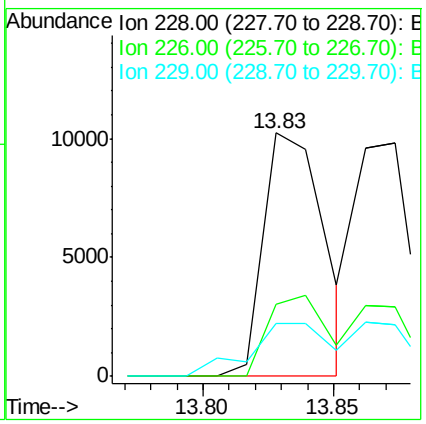


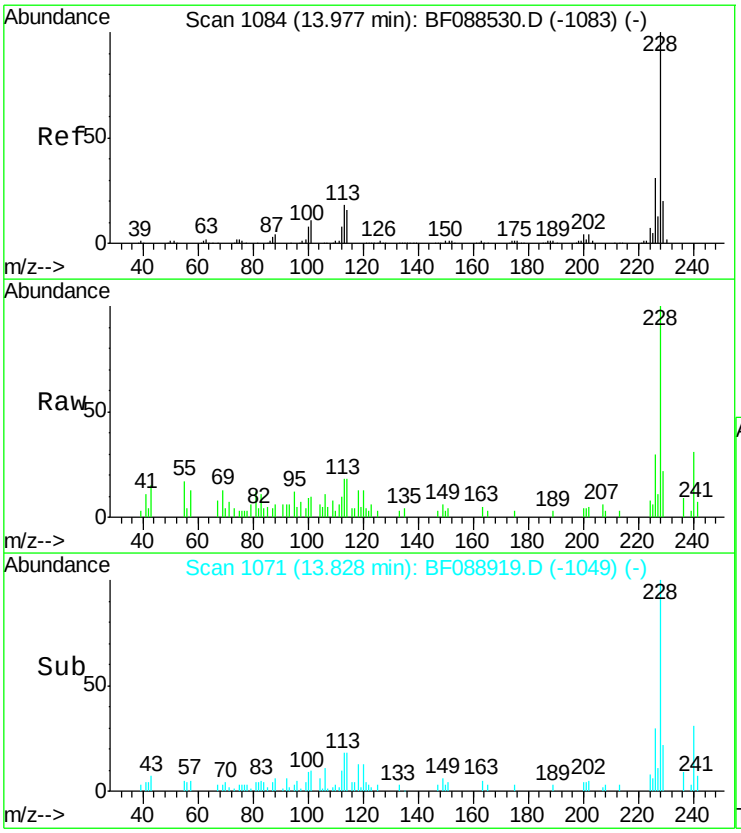
#80
Benzo(a)anthracene
Concen: 2.01 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:228 Resp: 16531

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	21.6	16.0	24.0

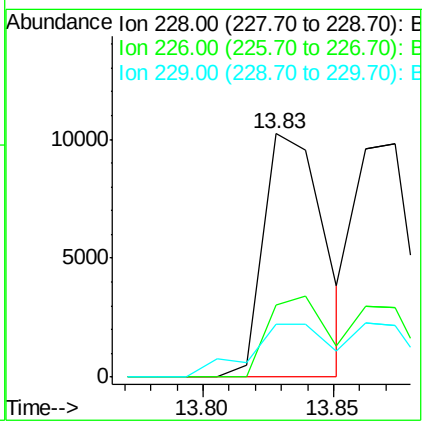


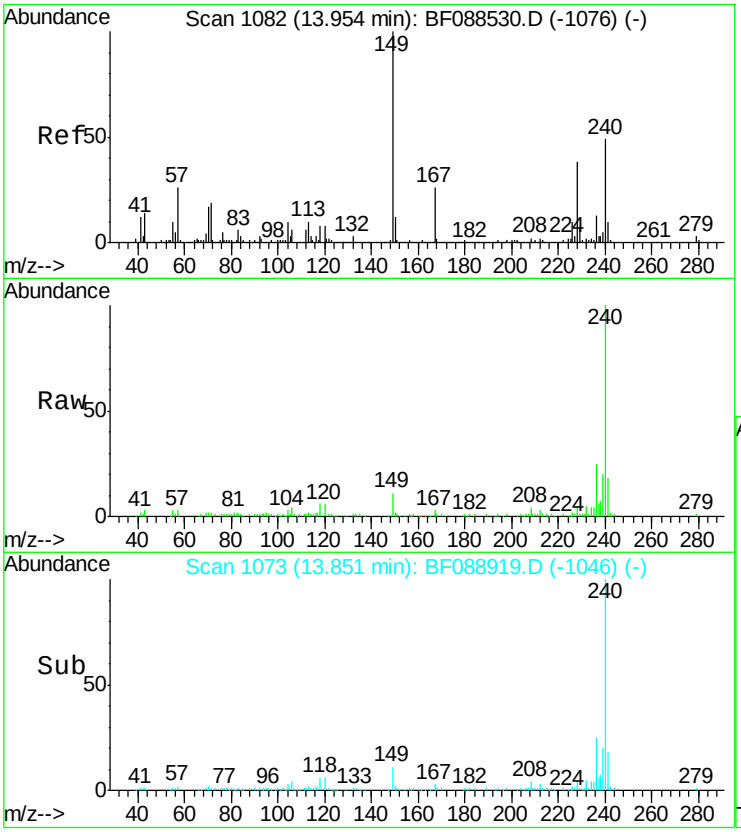


#82
Chrysene
Concen: 2.04 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:228 Resp: 16531

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.2
229	21.6	16.3	24.5



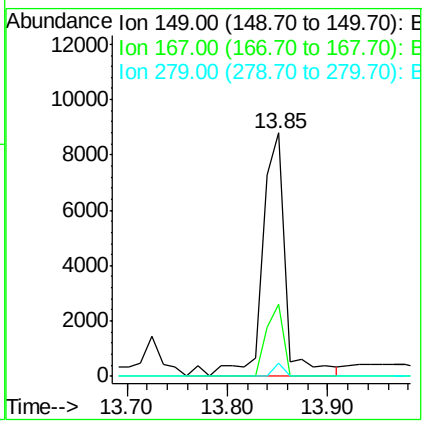


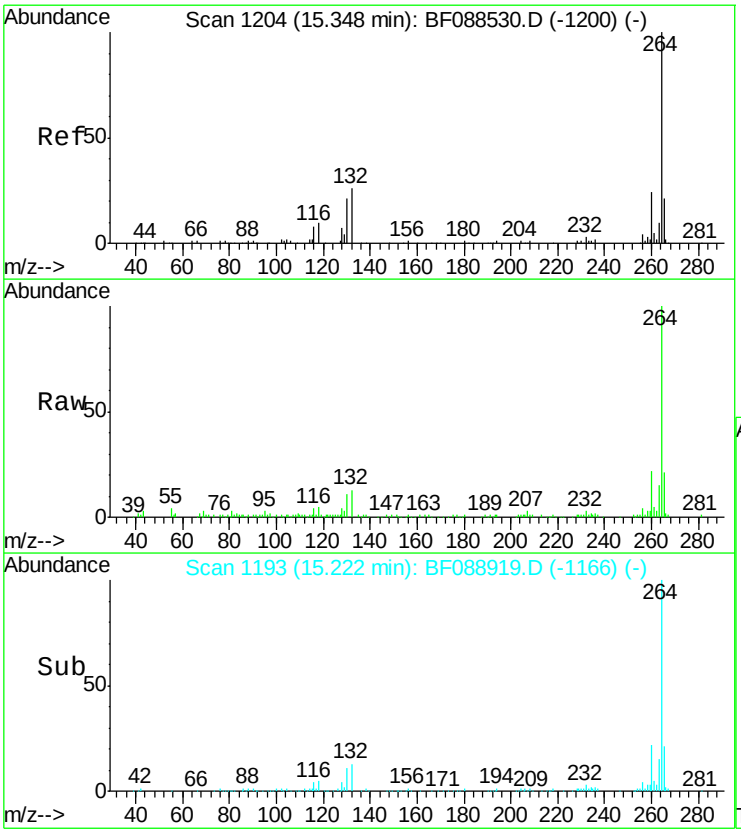
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.55 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:149 Resp: 14022

Ion	Ratio	Lower	Upper
149	100		
167	29.5	20.5	30.7
279	5.6	2.0	3.0#

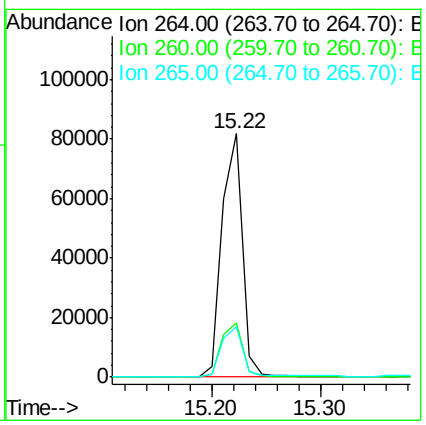


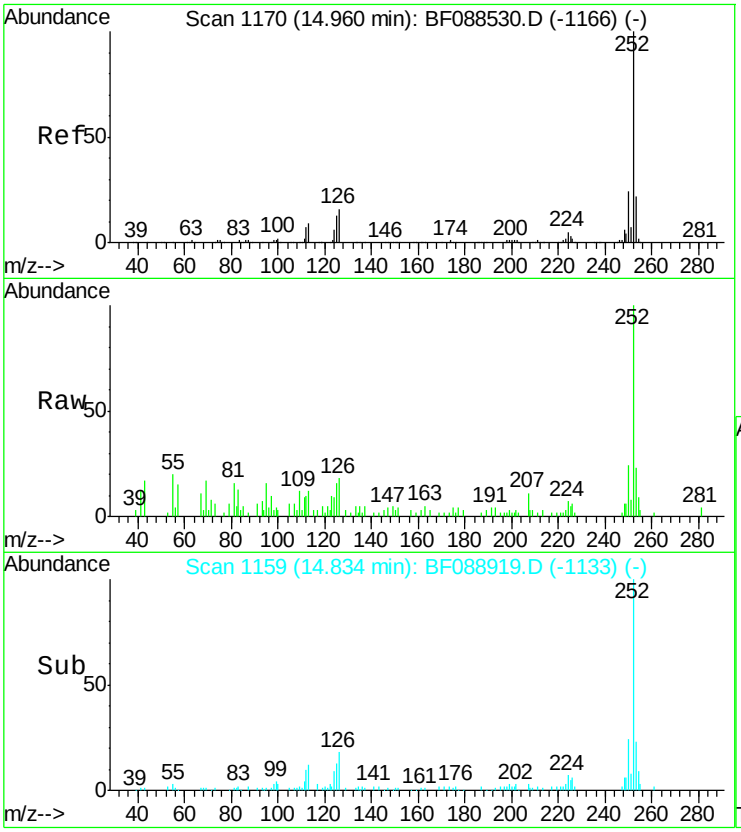


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:264 Resp: 106195

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.7	16.9	25.3



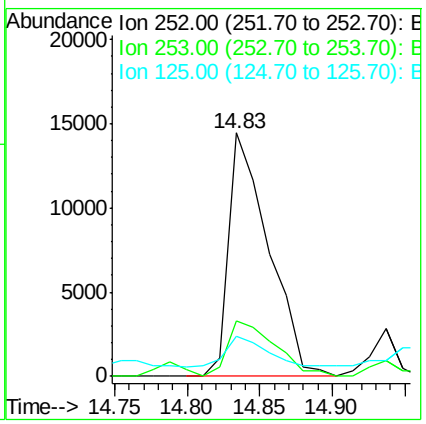


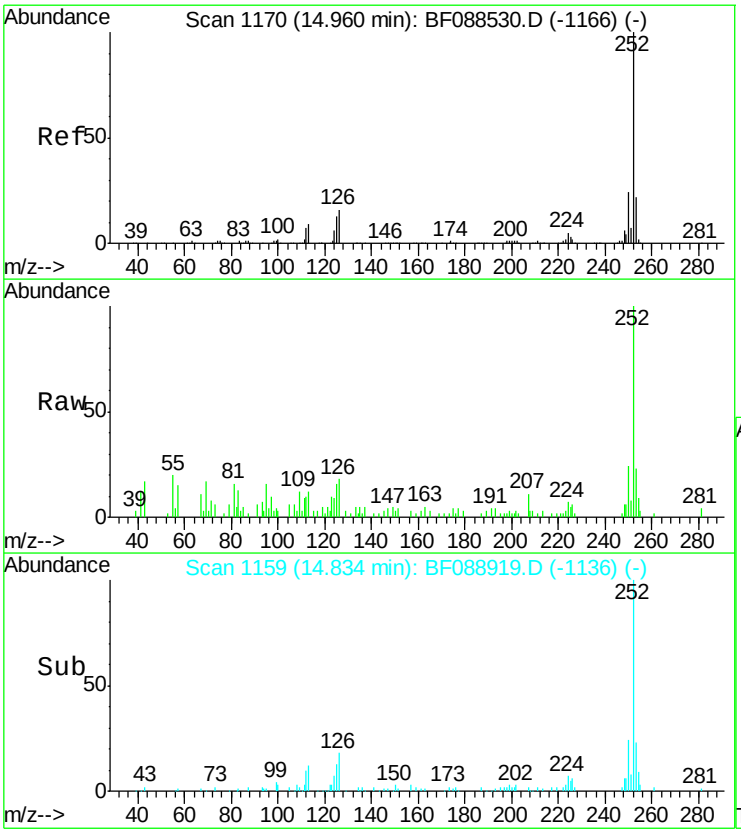
#87
Benzo(b)fluoranthene
Concen: 4.14 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:252 Resp: 27571

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	16.5	7.1	10.7#

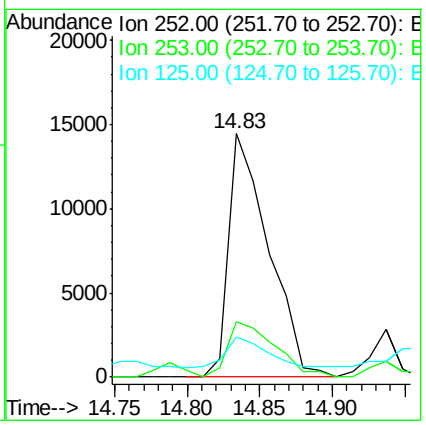


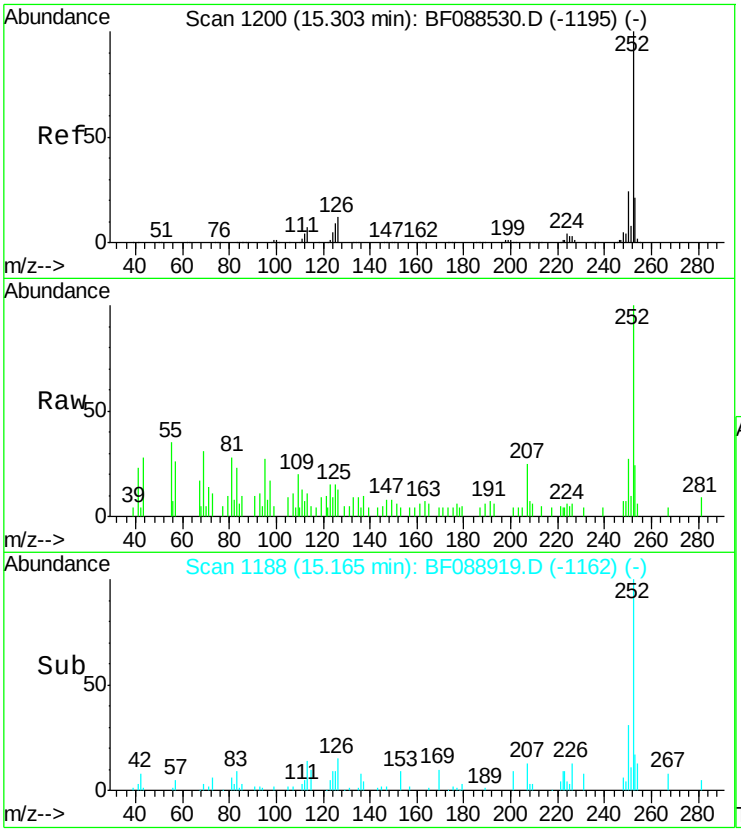


#88
Benzo(k)fluoranthene
Concen: 4.75 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Tgt Ion:252 Resp: 27571

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	16.5	11.2	16.8





#89
Benzo(a)pyrene
Concen: 2.16 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088919.D
Acq: 12 Jul 2016 00:45

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tgt Ion:252 Resp: 12157

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	15.1	12.5	18.7