Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088915.D
Acq On : 11 Jul 2016 22:49
Operator : UM/SJ
Sample : H3921-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N8-B3(0-5)C

Quant Time: Jul 12 02:07:56 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	61680	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	255204	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	100399	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	161888	20.00	ng		0.00
75) Chrysene-d12	13.84	240	128985	20.00	ng		-0.01
86) Perylene-d12	15.21	264	115992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	510381	124.01	ng		0.02
7) Phenol-d6	6.35	99	619902	116.57	ng		0.00
23) Nitrobenzene-d5	7.28	82	388288	79.73	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	109321	117.26	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	557603	87.73	ng		0.00
78) Terphenyl-d14	12.80	244	402372	69.48	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	52747	14.77	ng	#	72
49) Dimethylphthalate	9.47	163	79364	11.10	ng		98
56) 2,4-Dinitrotoluene	9.75	165	12722	6.14	ng	#	36
66) 4-Bromophenyl-phenylether	10.52	248	7062	4.33	ng	#	1
70) Phenanthrene	11.24	178	21779	2.46	ng		98
74) Fluoranthene	12.42	202	49586	5.53	ng		98
77) Pyrene	12.65	202	42681	3.90	ng		97
80) Benzo(a)anthracene	13.83	228	26329	3.17	ng		92
82) Chrysene	13.83	228	26329	3.20	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	19724	3.54	ng	#	99
84) Di-n-octyl phthalate	14.49	149	24809	2.62	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	40775	5.60	ng	#	92
88) Benzo(k)fluoranthene	14.83	252	40775	6.44	ng		98
89) Benzo(a)pyrene	15.15	252	17908	2.91	ng		97
91) Benzo(g,h,i)perylene	16.88	276	11195	2.10	ng		96

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

Quantitation Report (Not Reviewed)

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Acq On : 11 Jul 2016 22:49
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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N8-B3(0-5)C

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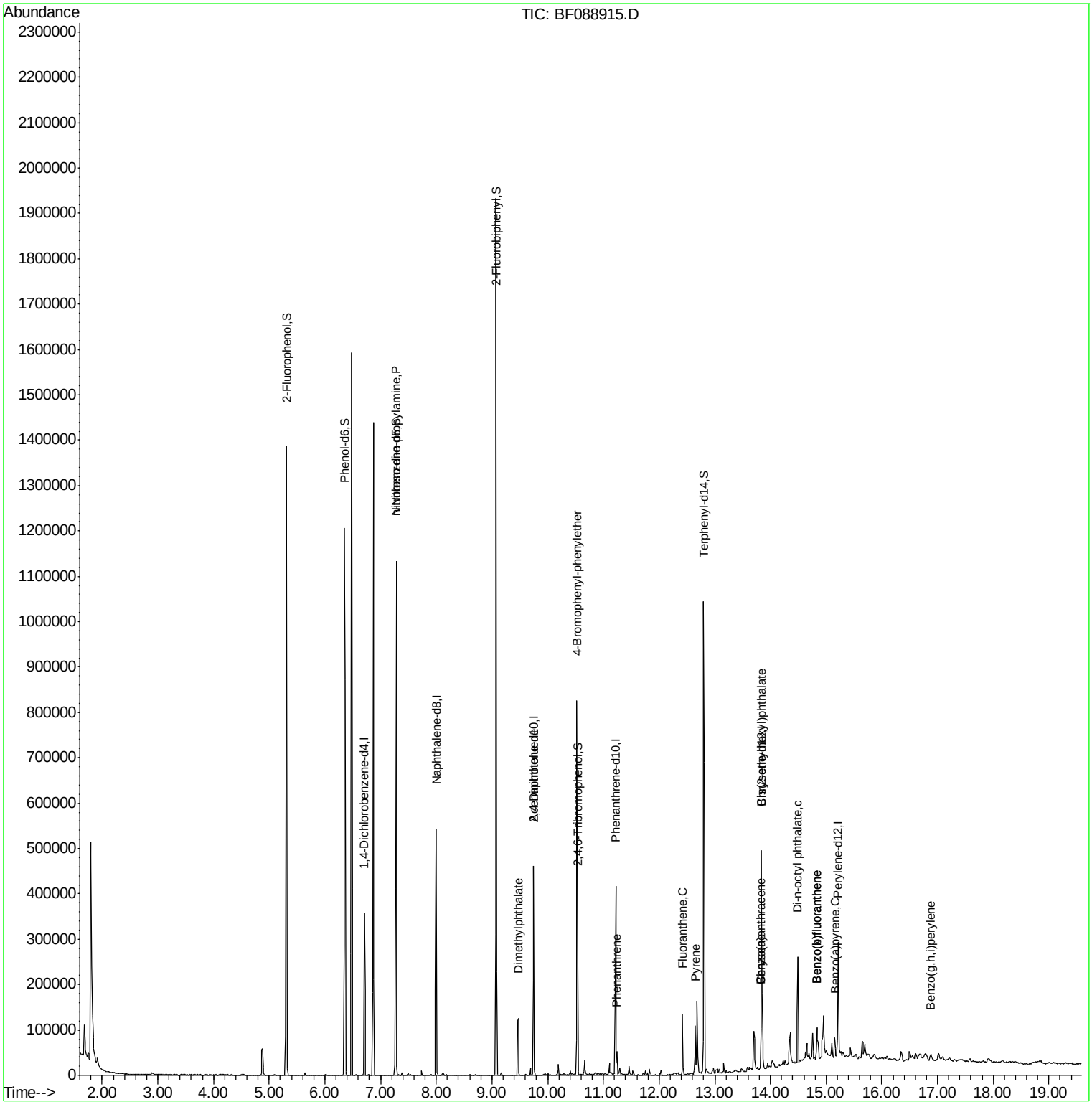
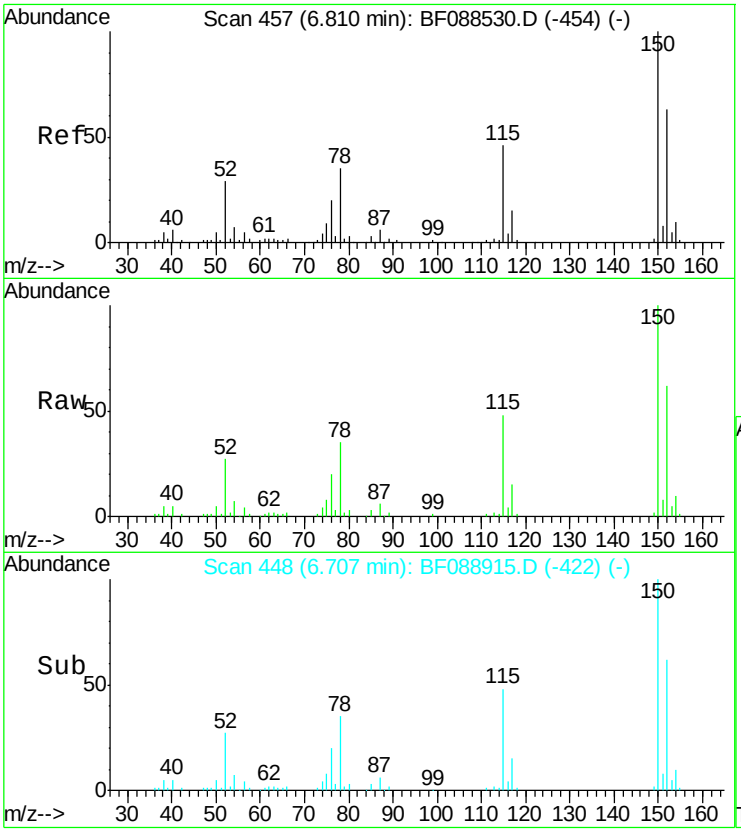


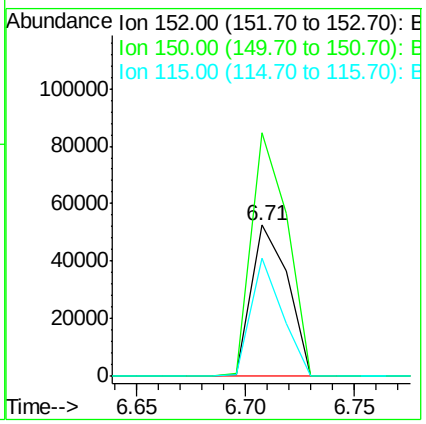


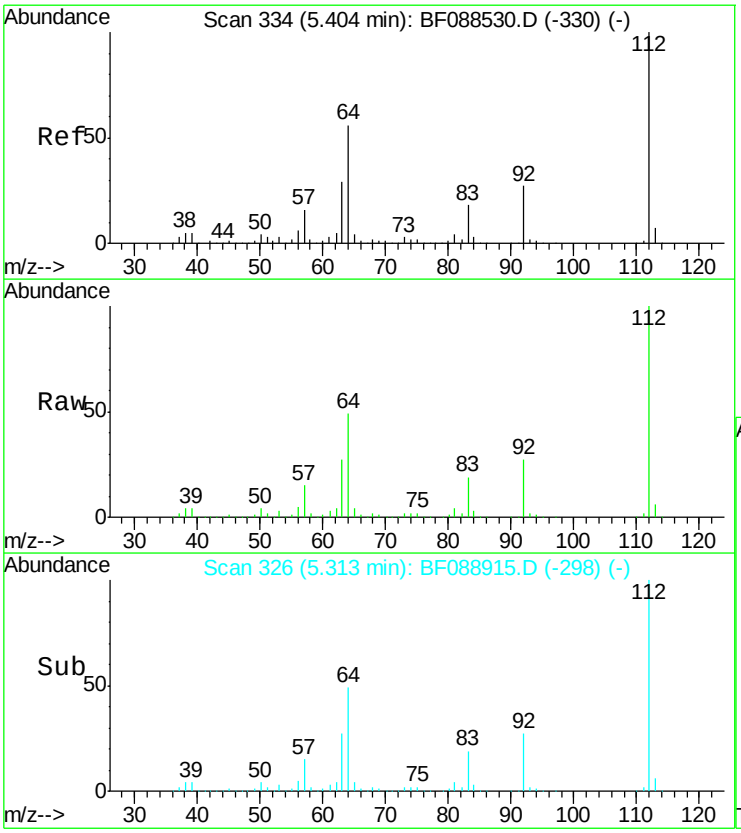
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:152 Resp: 61680

Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.8	185.6
115	77.7	39.6	59.4#

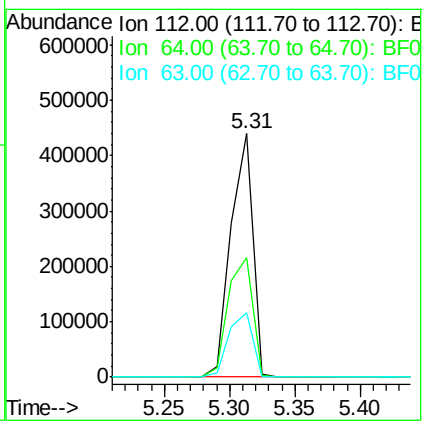


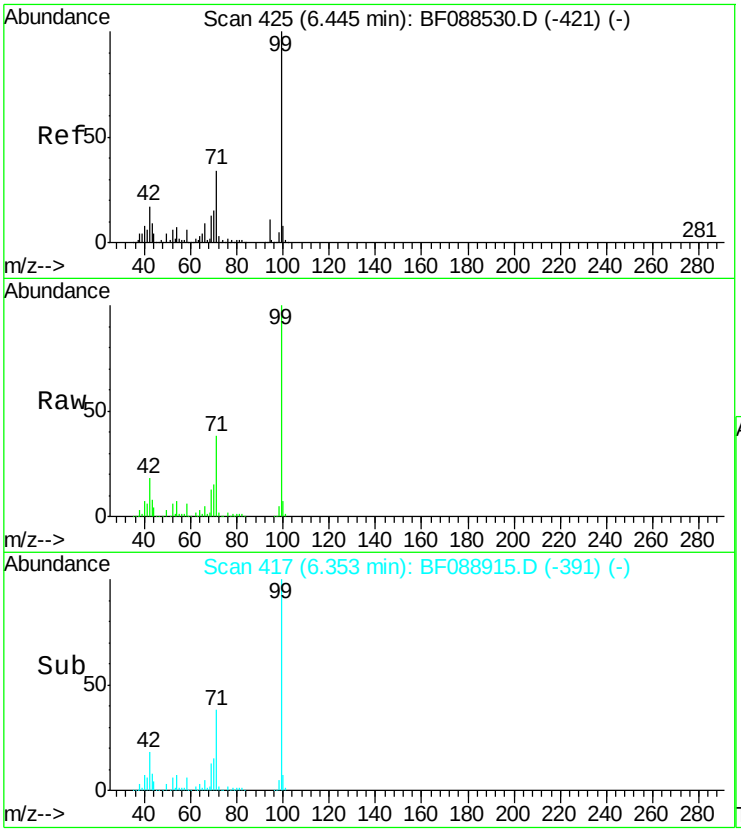


#5
2-Fluorophenol
Concen: 124.01 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:112 Resp: 510381

Ion	Ratio	Lower	Upper
112	100		
64	49.0	42.2	63.2
63	26.6	21.8	32.8



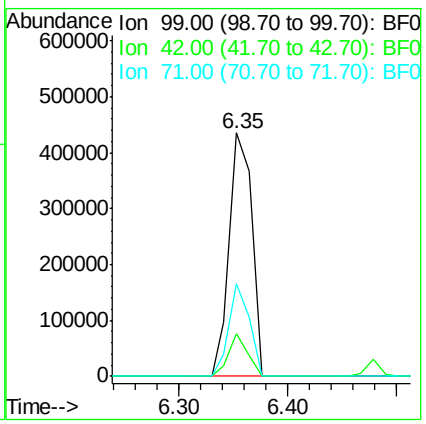


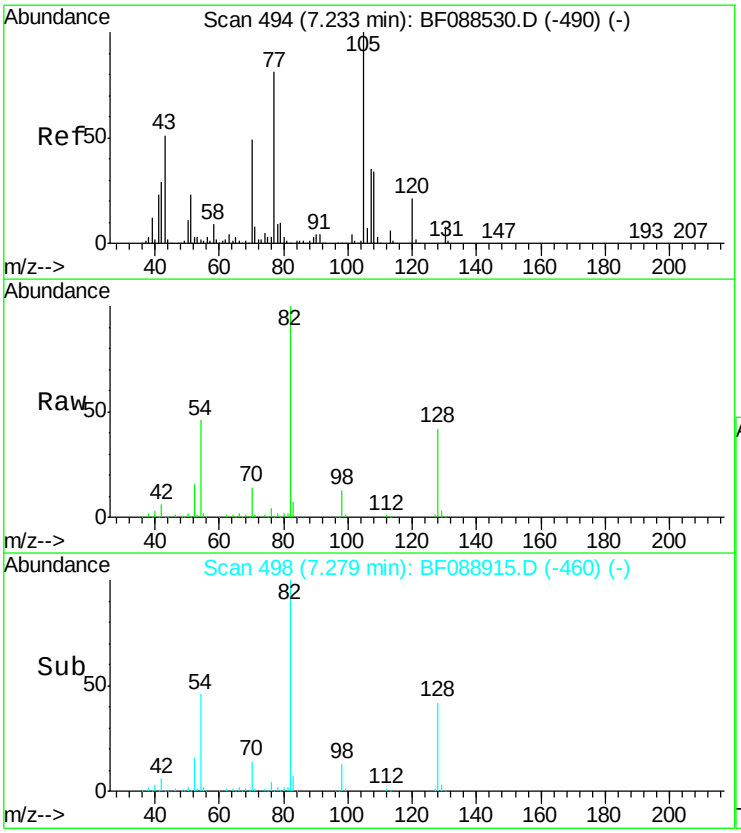
#7
Phenol-d6
Concen: 116.57 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion: 99 Resp: 619902

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	38.1	23.4	35.0#

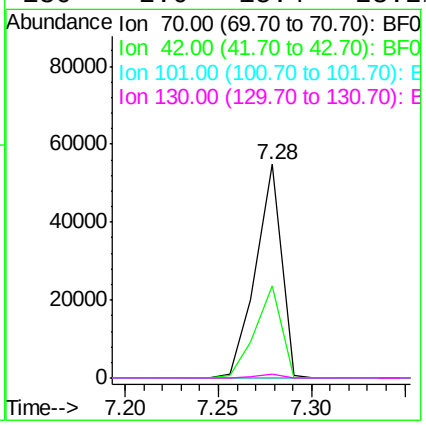


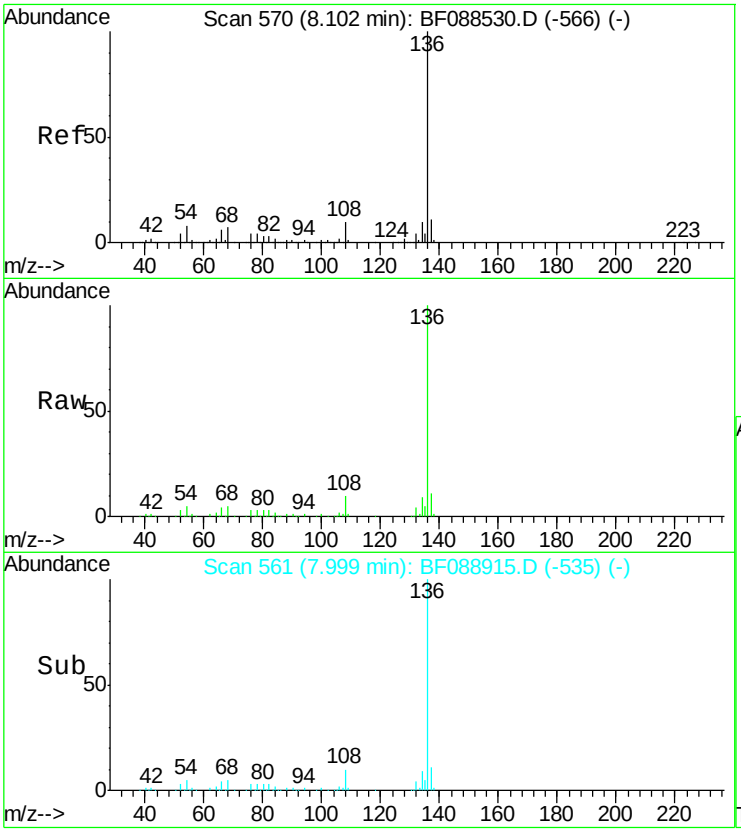


#19
n-Nitroso-di-n-propylamine
Concen: 14.77 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.14 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion: 70 Resp: 52747

Ion	Ratio	Lower	Upper
70	100		
42	43.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



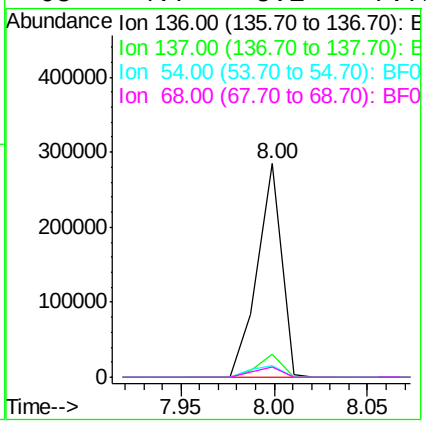


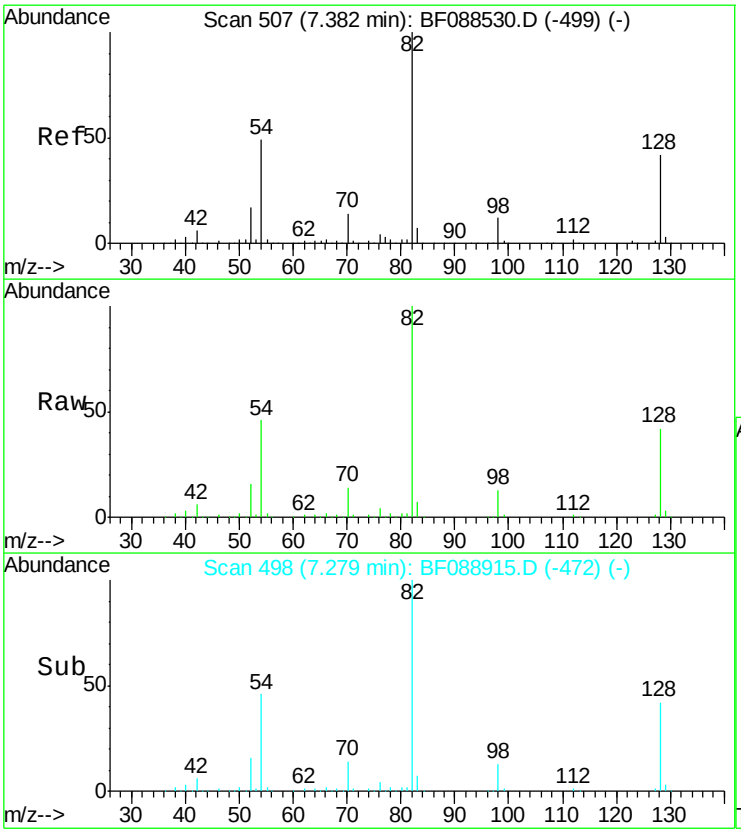
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:136 Resp: 255204

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.4	6.6	10.0#
68	4.7	5.1	7.7#

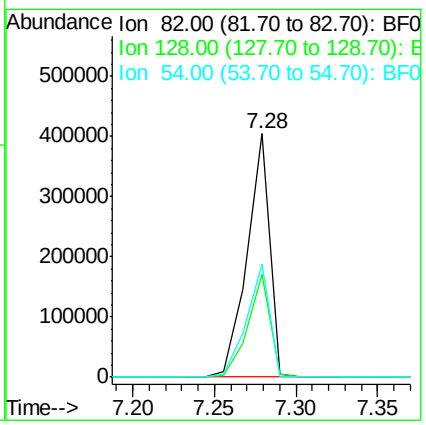


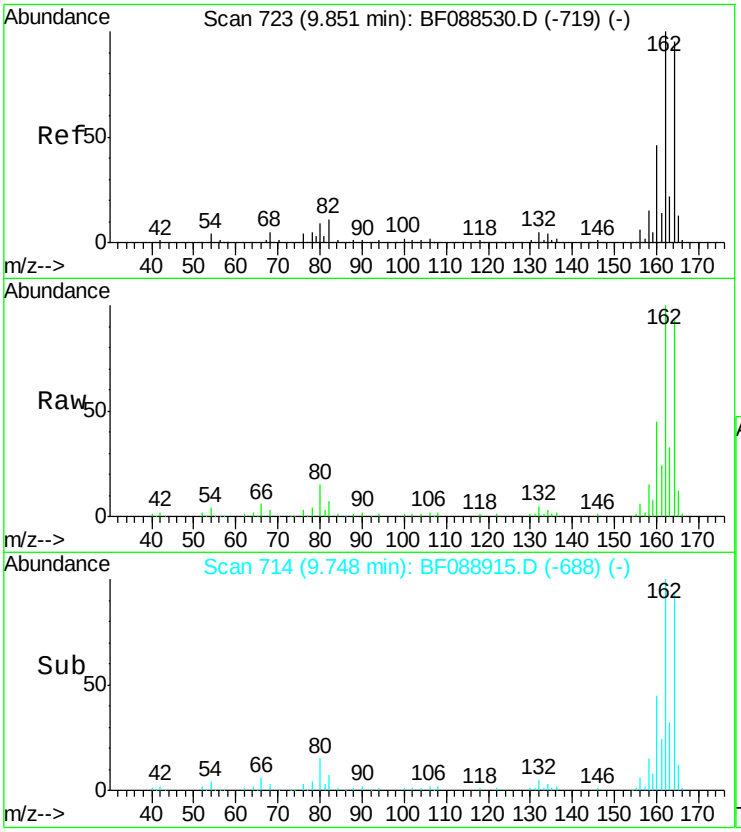


#23
Nitrobenzene-d5
Concen: 79.73 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion: 82 Resp: 388288

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.9	53.9
54	46.2	40.9	61.3



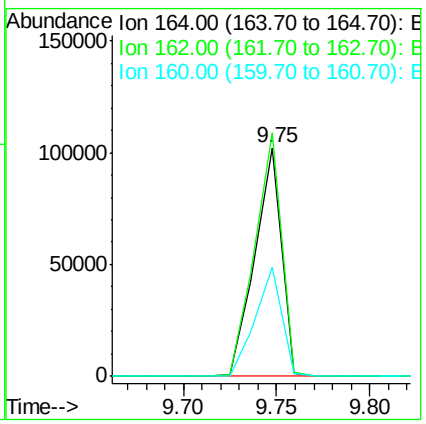


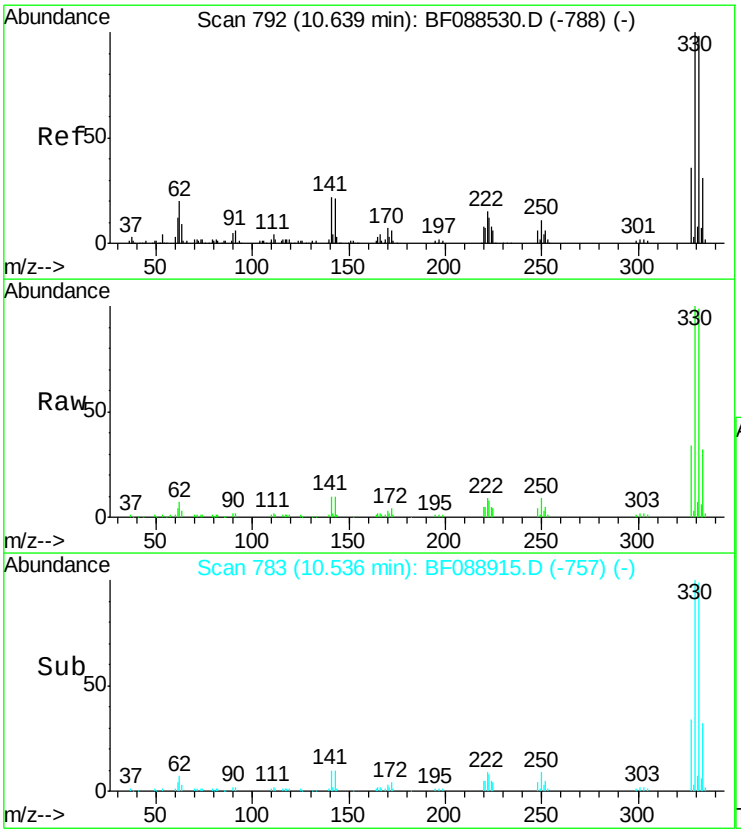
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:164 Resp: 100399

Ion	Ratio	Lower	Upper
164	100		
162	106.4	85.4	128.2
160	47.8	39.5	59.3

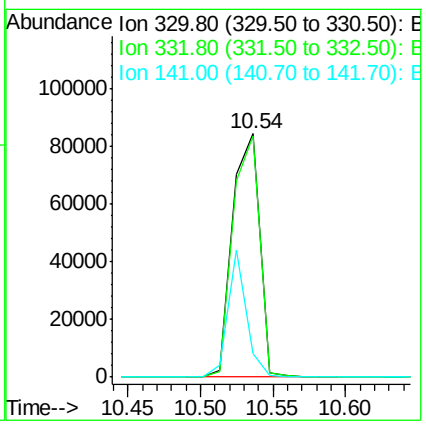


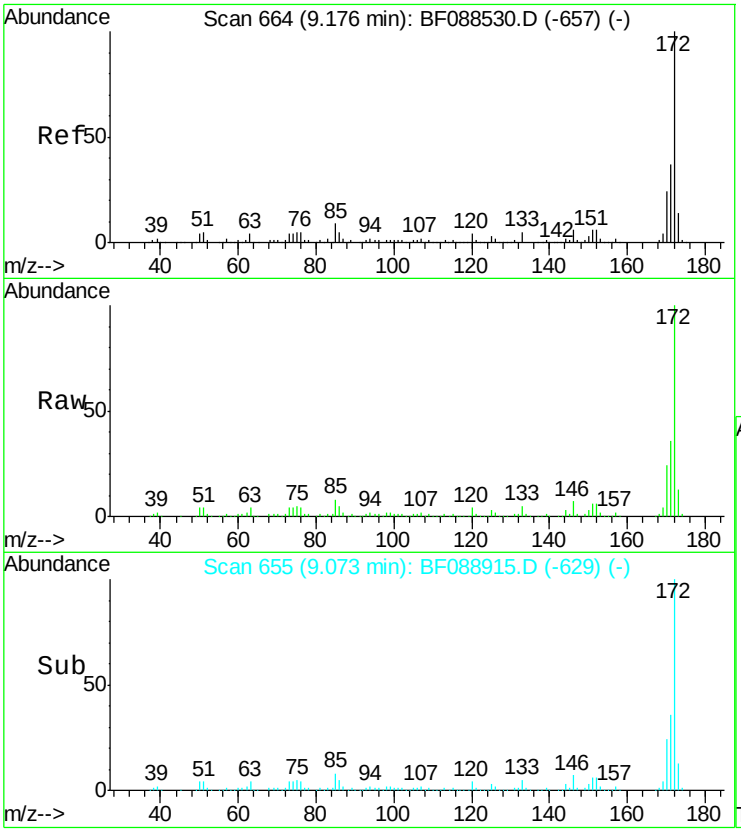


#41
2,4,6-Tribromophenol
Concen: 117.26 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:330 Resp: 109321

Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	35.9	0.0	0.0#



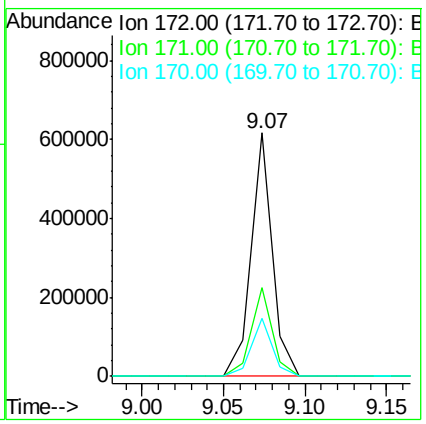


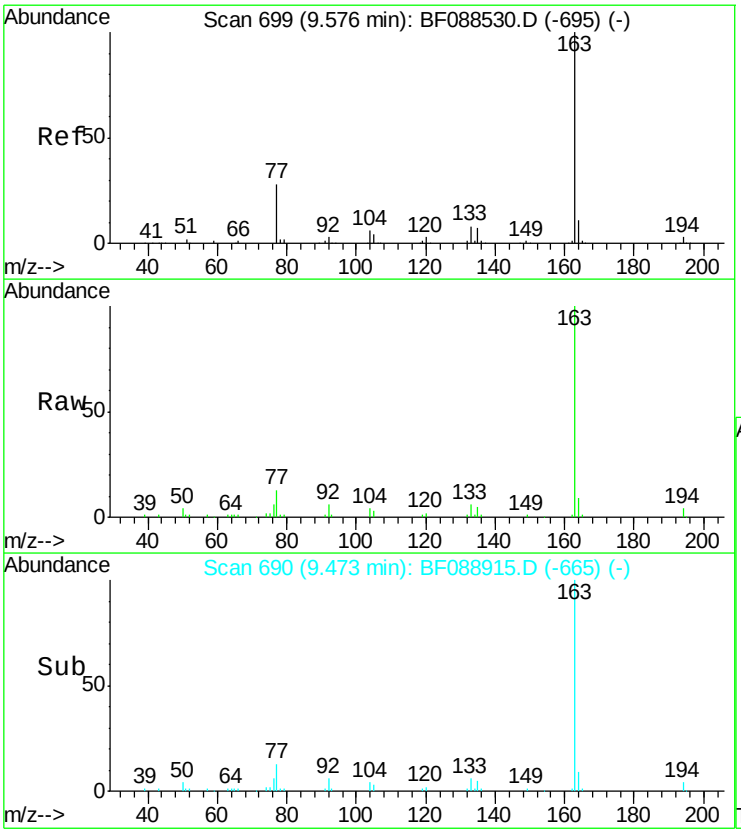
#44
2-Fluorobiphenyl
Concen: 87.73 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:172 Resp: 557603

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.0	19.2	28.8

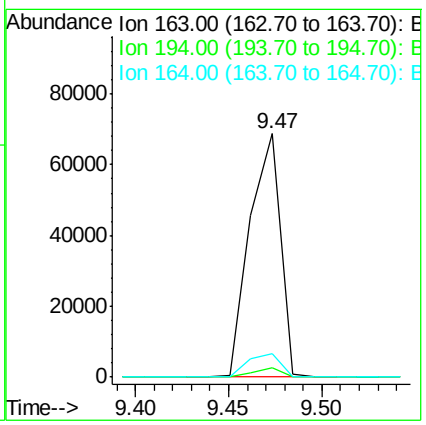


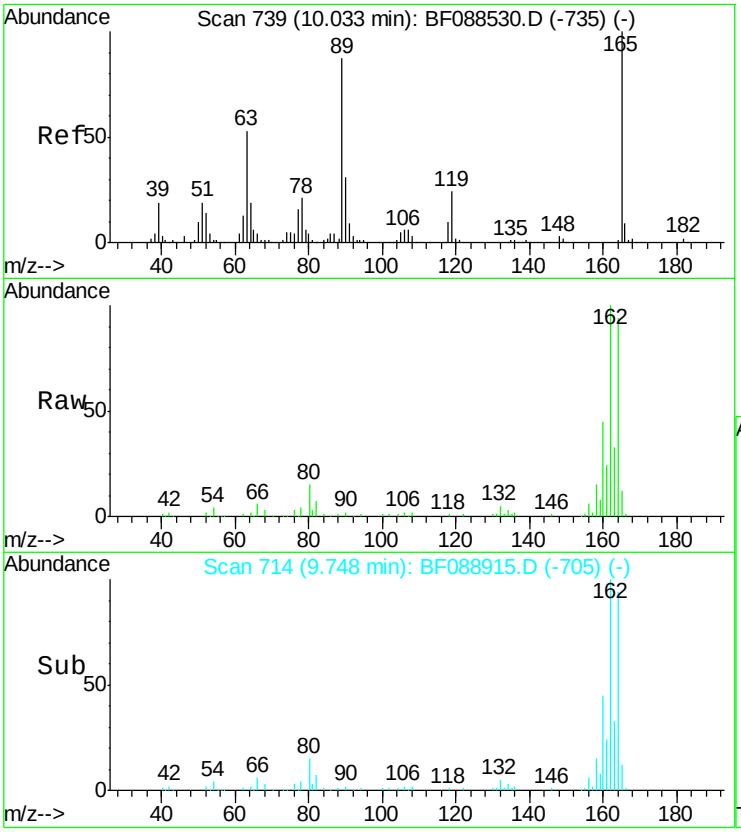


#49
Dimethylphthalate
Concen: 11.10 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:163 Resp: 79364

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.4	8.3	12.5



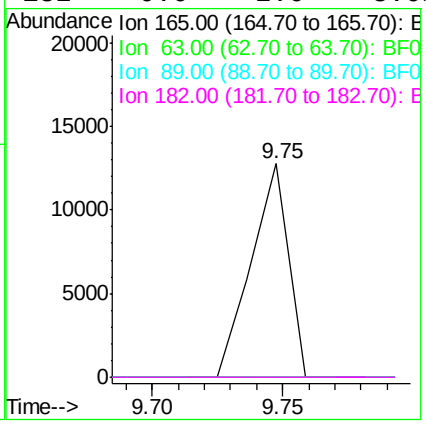


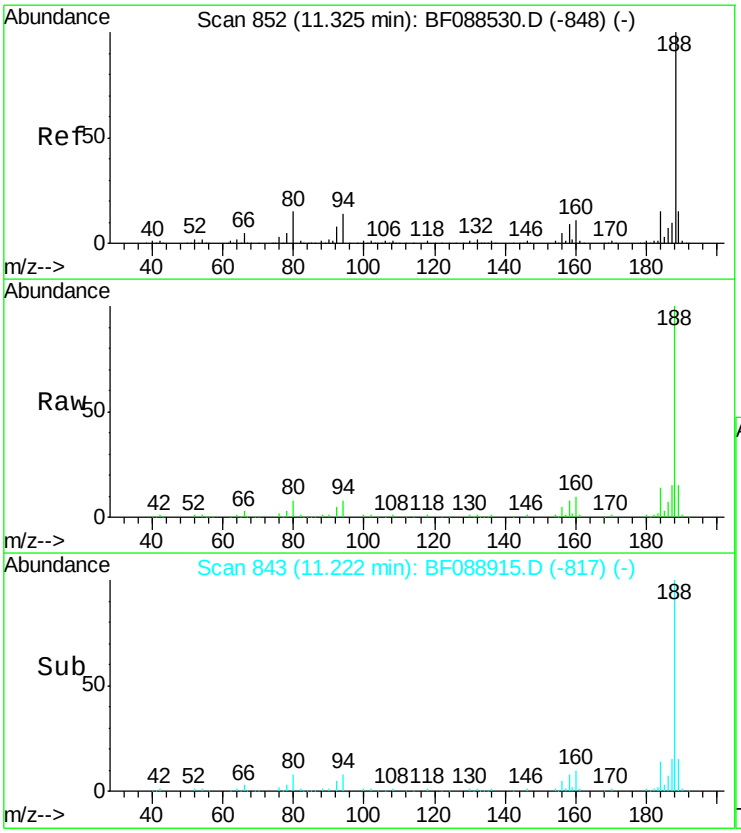
#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.19 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:165 Resp: 12722

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#

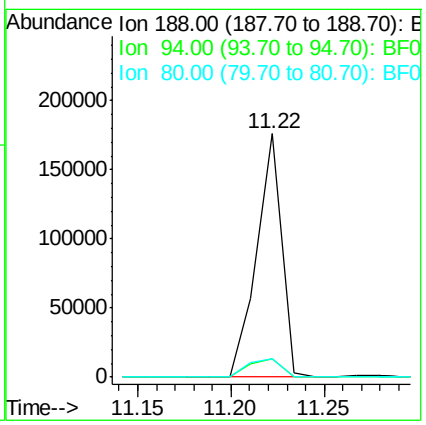


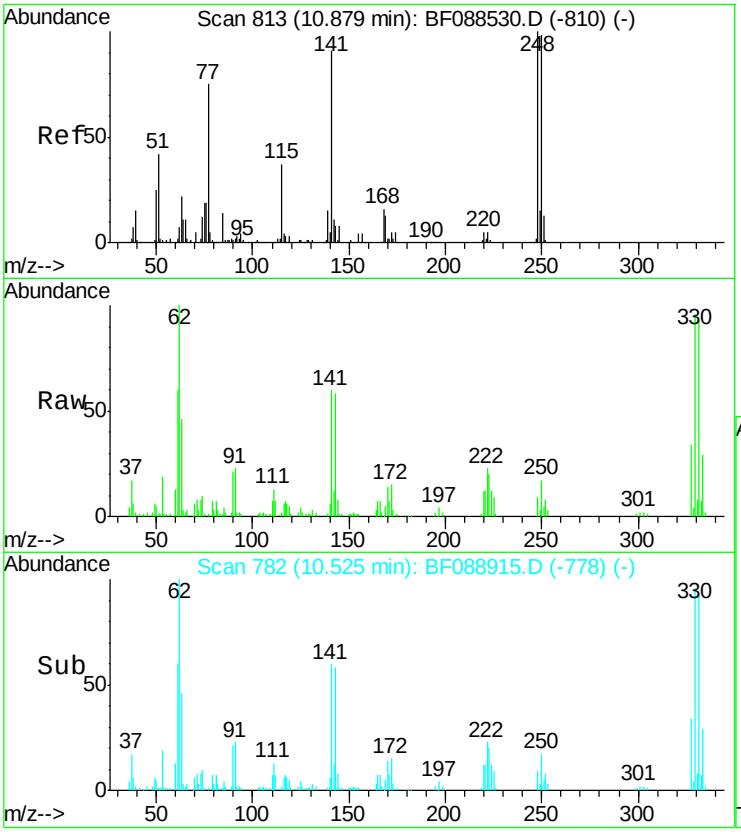


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:188 Resp: 161888

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.7	10.0	15.0#



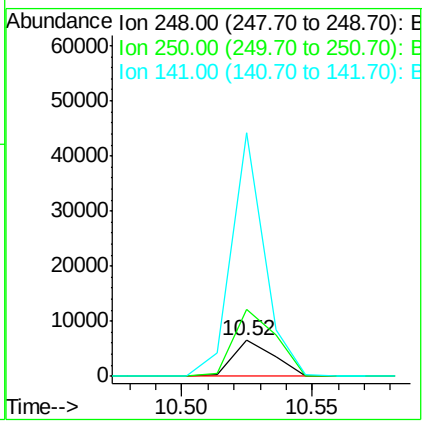


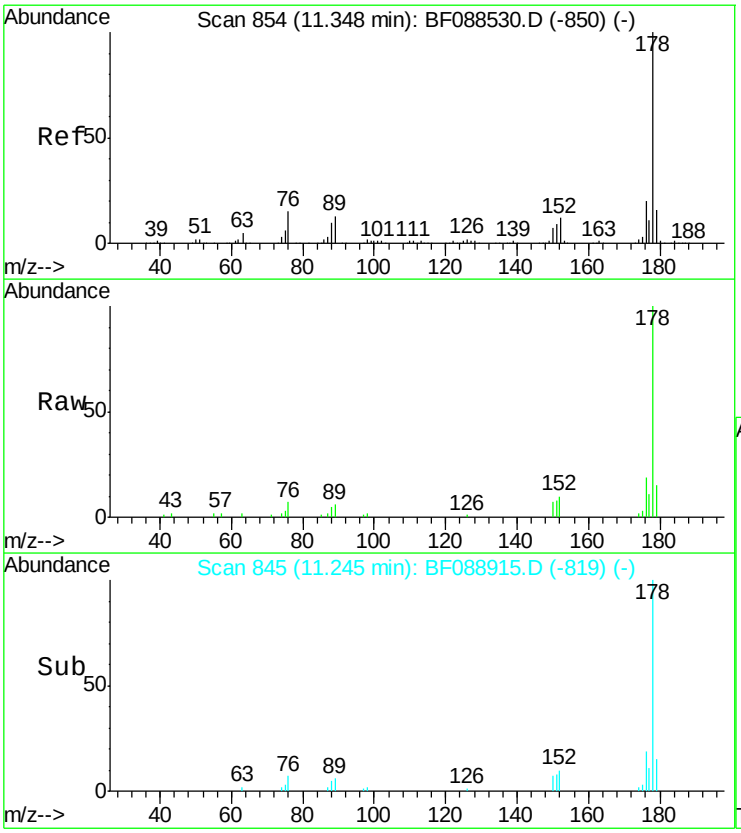
#66
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:248 Resp: 7062

Ion	Ratio	Lower	Upper
248	100		
250	188.7	77.1	115.7#
141	682.3	50.6	76.0#

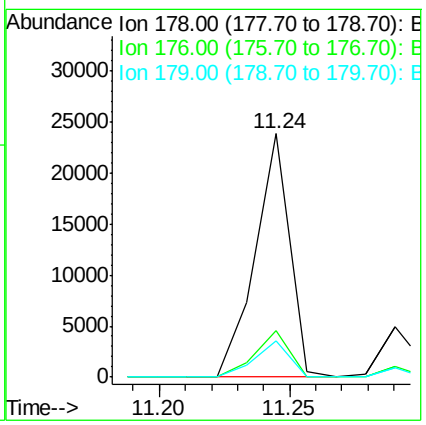


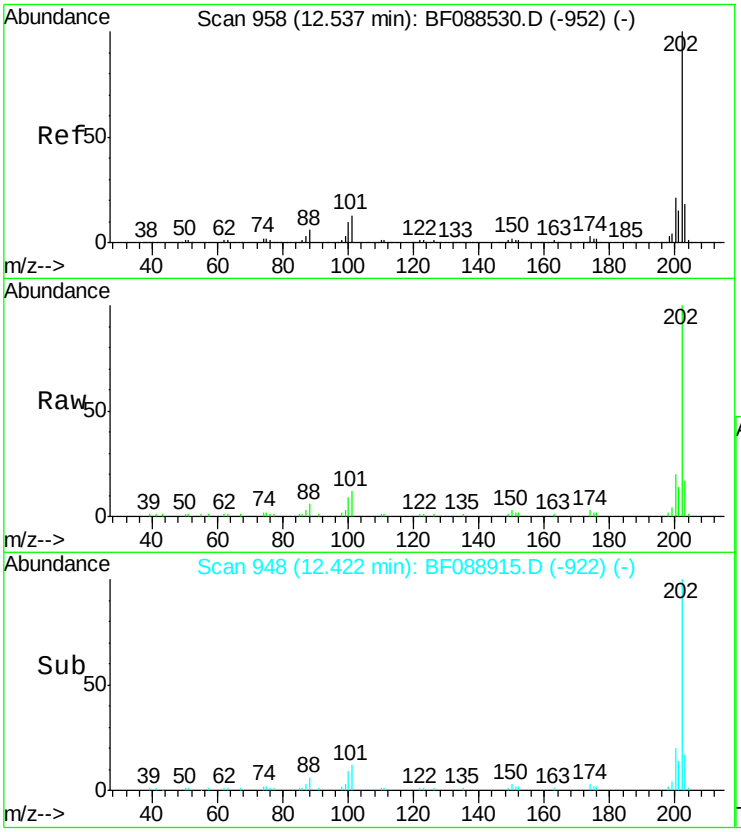


#70
Phenanthrene
Concen: 2.46 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:178 Resp: 21779

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.1	13.0	19.4



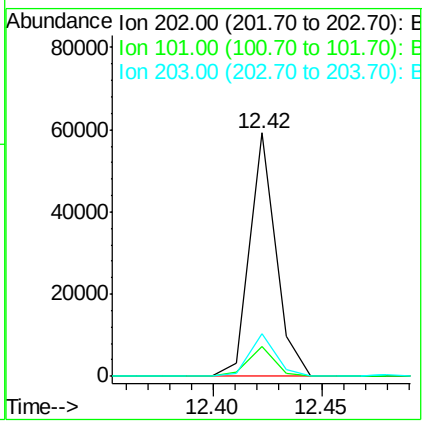


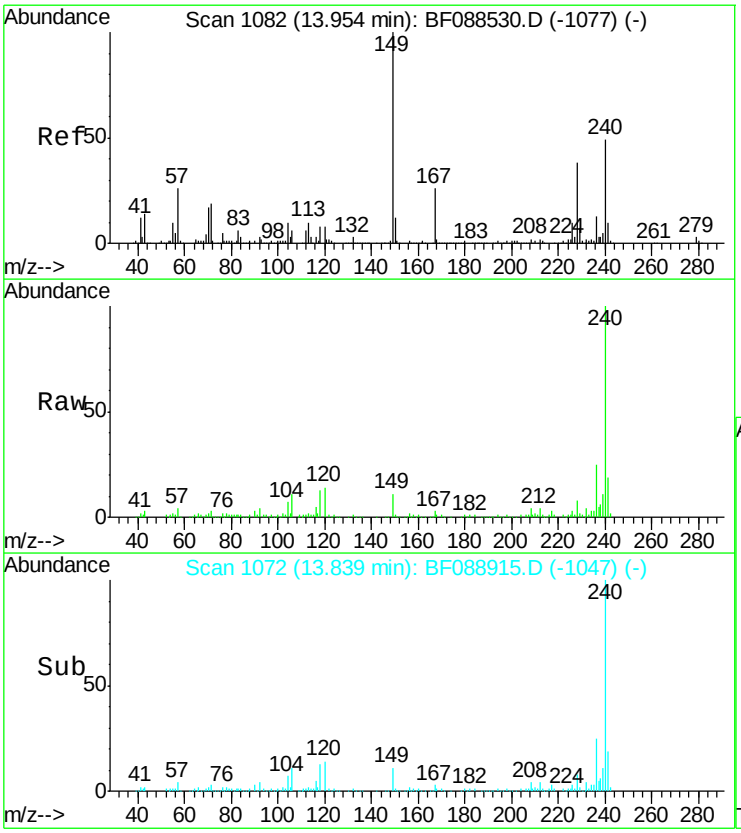
#74
Fluoranthene
Concen: 5.53 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:202 Resp: 49586

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.1
203	17.4	0.0	38.1

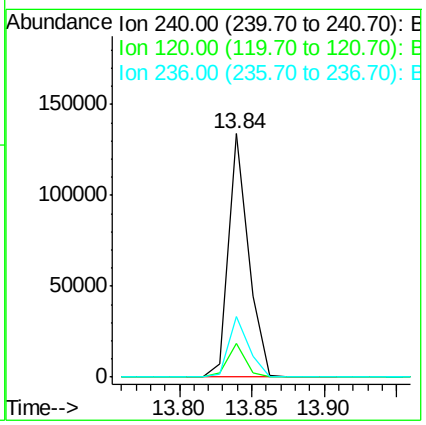


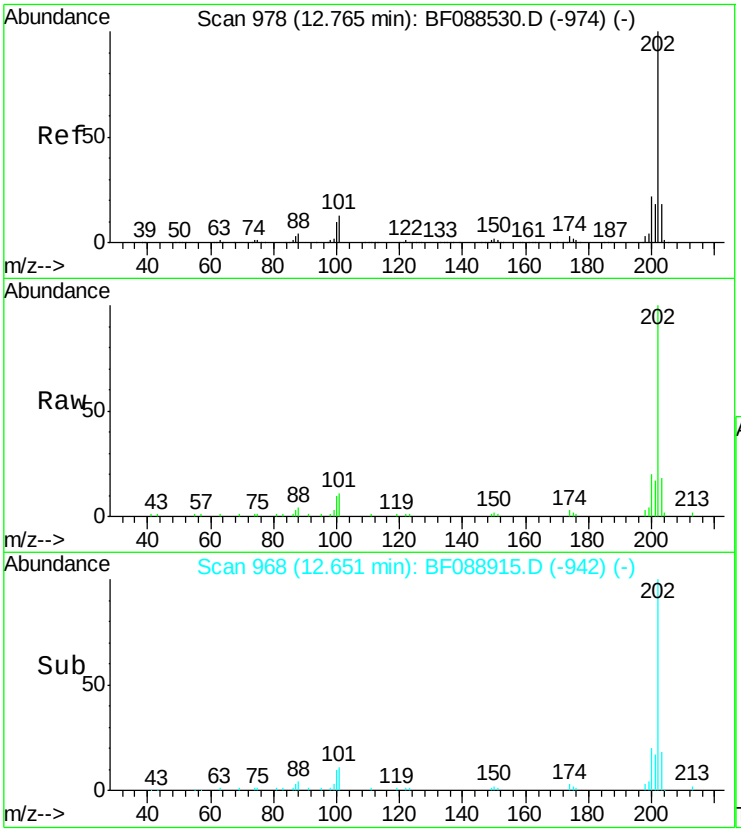


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:240 Resp: 128985

Ion	Ratio	Lower	Upper
240	100		
120	14.0	6.8	10.2#
236	24.9	20.2	30.2



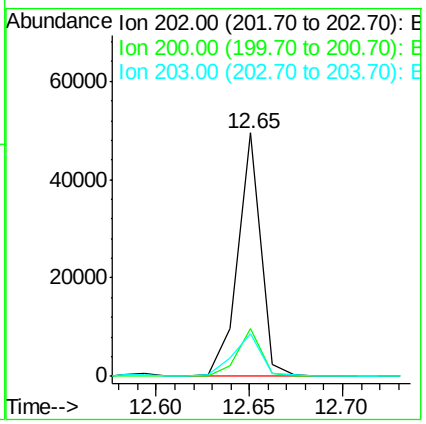


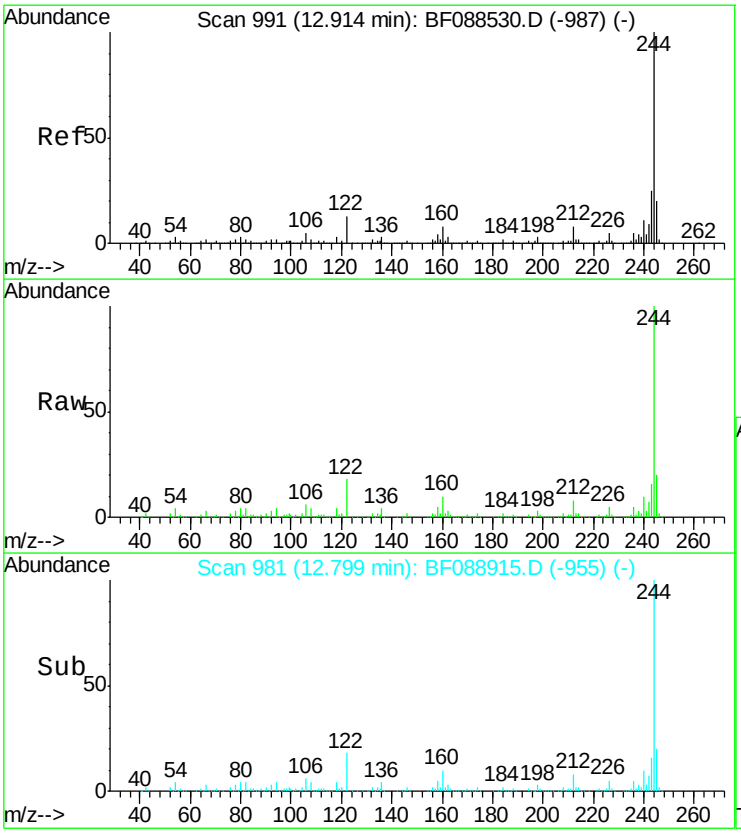
#77
Pyrene
Concen: 3.90 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:202 Resp: 42681

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.7	14.5	21.7

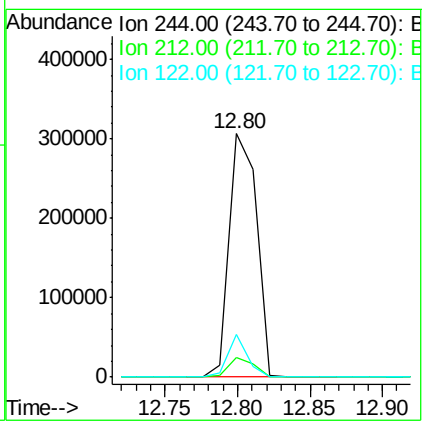


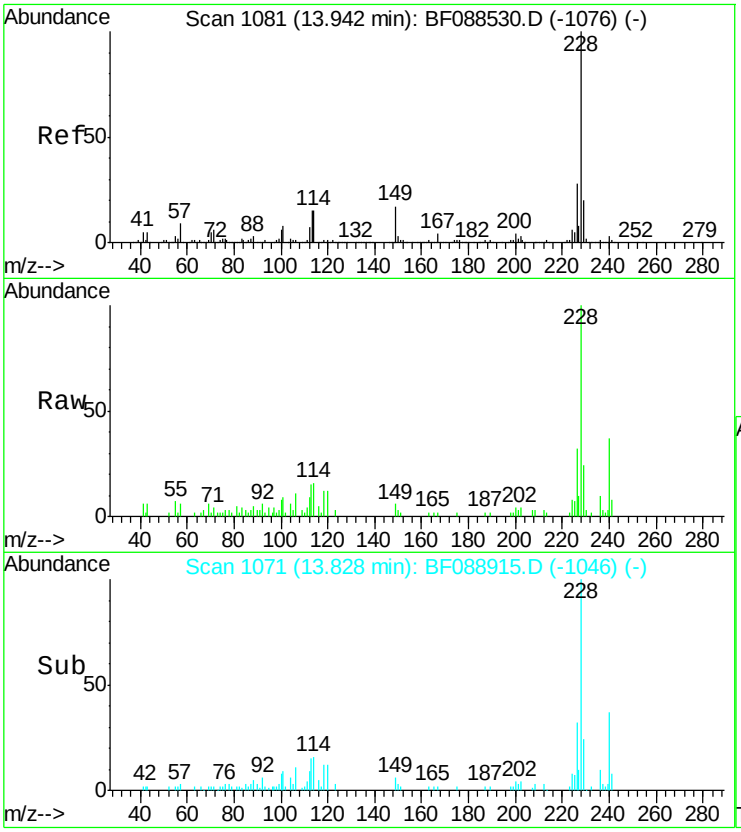


#78
Terphenyl-d14
Concen: 69.48 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:244 Resp: 402372

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	17.5	11.2	16.8#



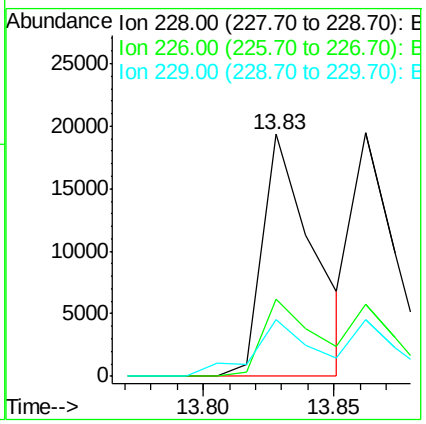


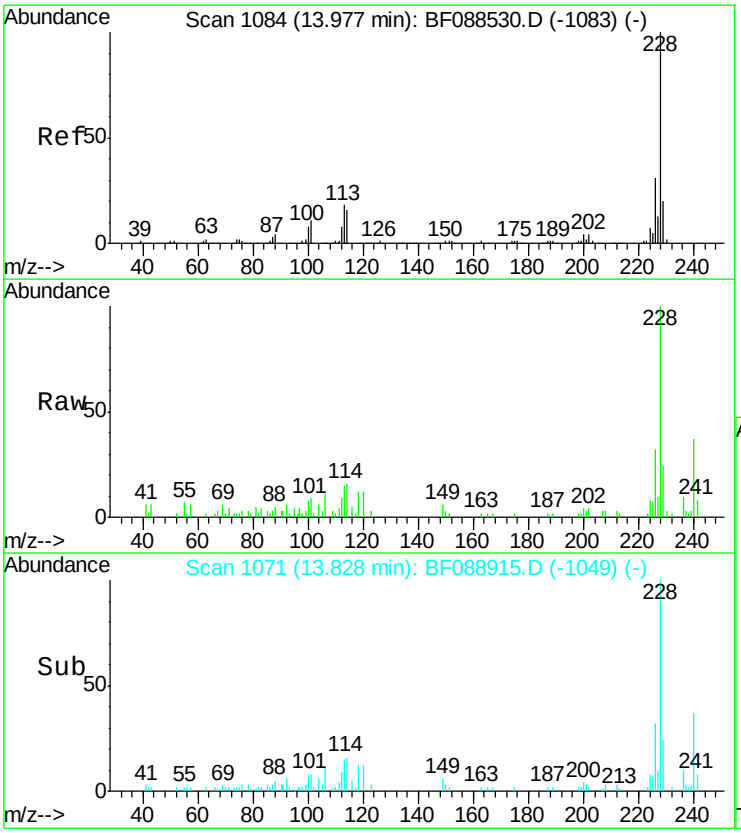
#80
Benzo(a)anthracene
Concen: 3.17 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:228 Resp: 26329

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.3	33.5
229	23.6	16.0	24.0

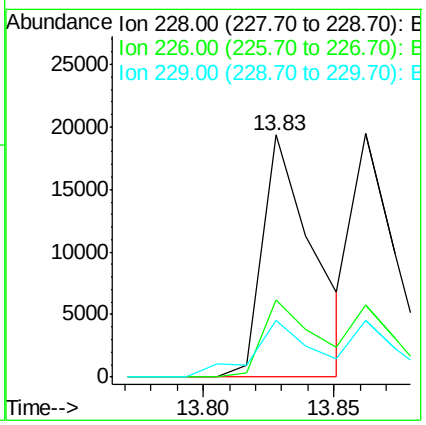


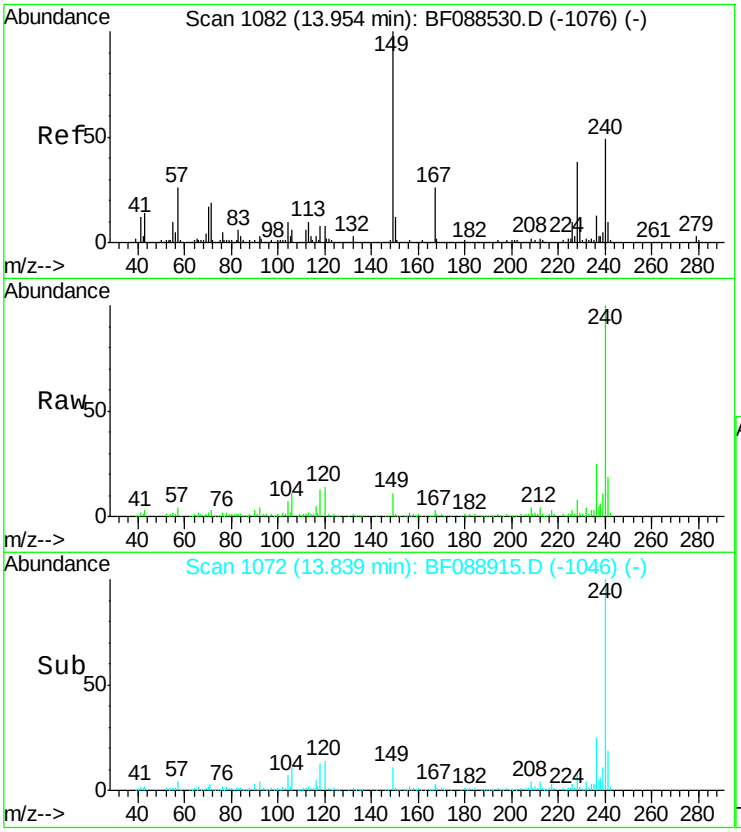


#82
Chrysene
Concen: 3.20 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:228 Resp: 26329

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.2
229	23.6	16.3	24.5



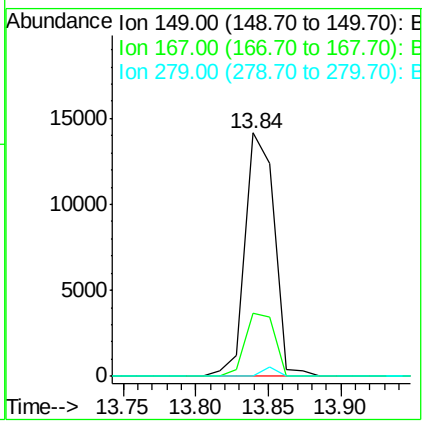


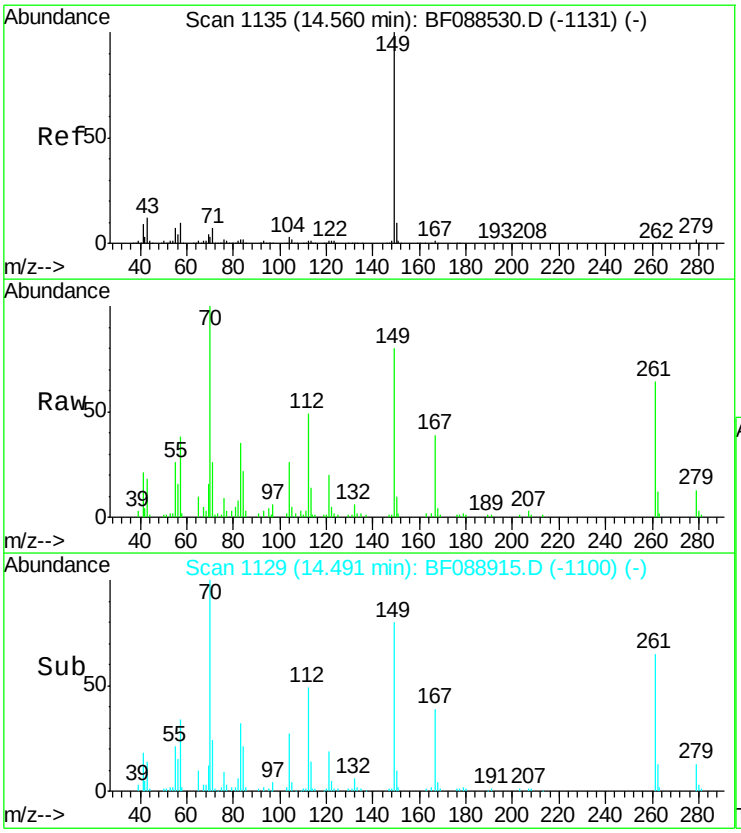
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.54 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:149 Resp: 19724

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.5	30.7
279	0.0	2.0	3.0#

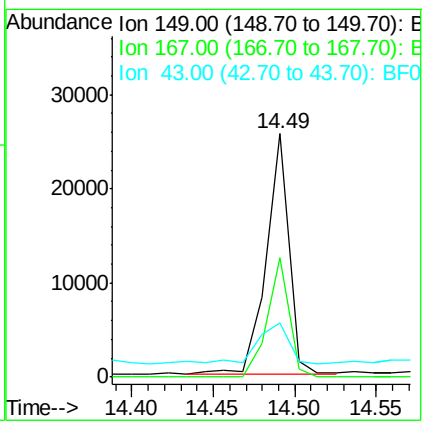


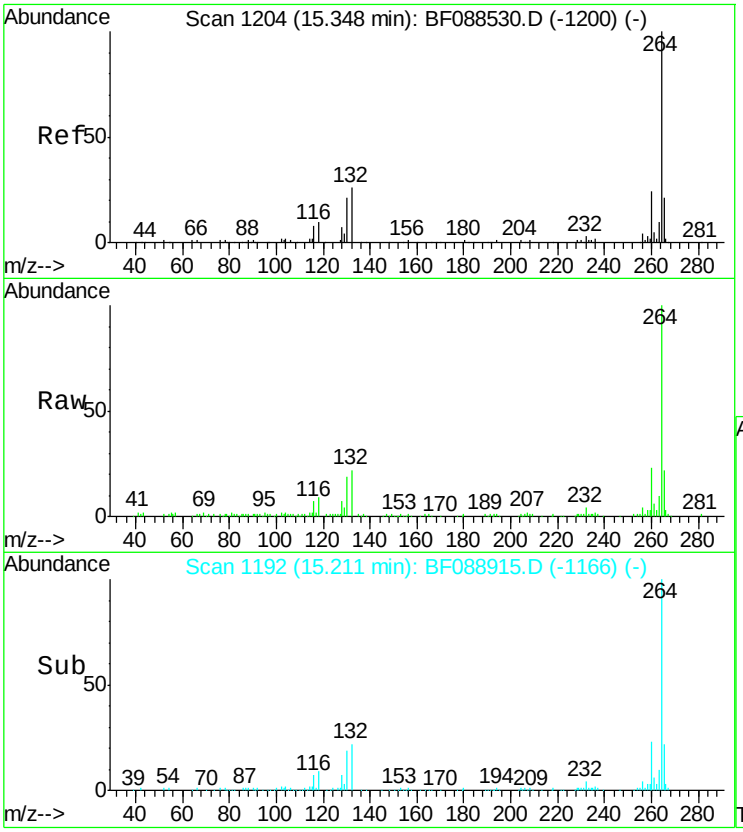


#84
Di-n-octyl phthalate
Concen: 2.62 ng
RT: 14.49 min Scan# 1129
Delta R.T. 0.03 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:149 Resp: 24809

Ion	Ratio	Lower	Upper
149	100		
167	47.4	0.0	0.0#
43	22.5	0.0	0.0#



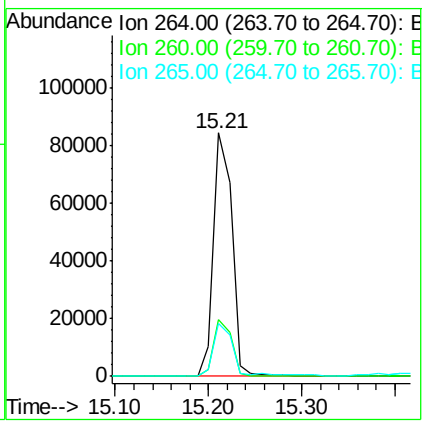


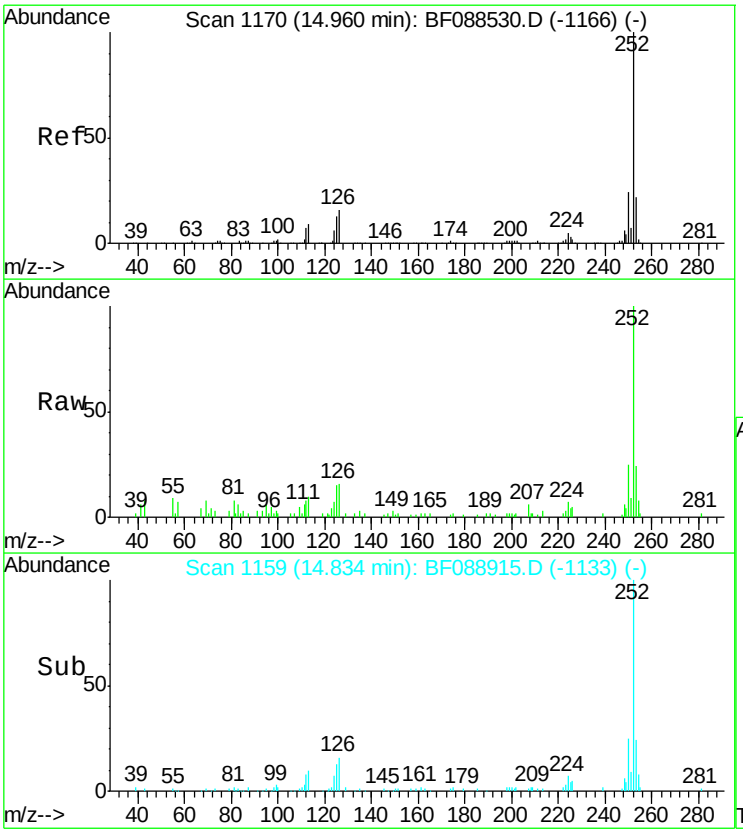
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:264 Resp: 115992

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	16.9	25.3

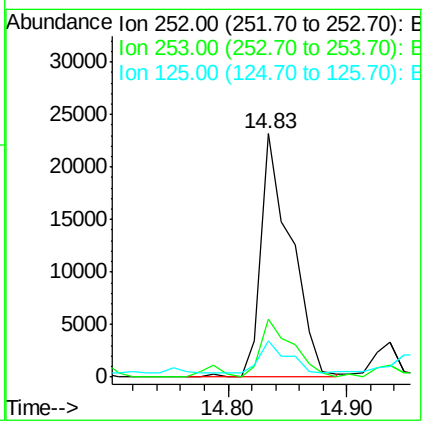


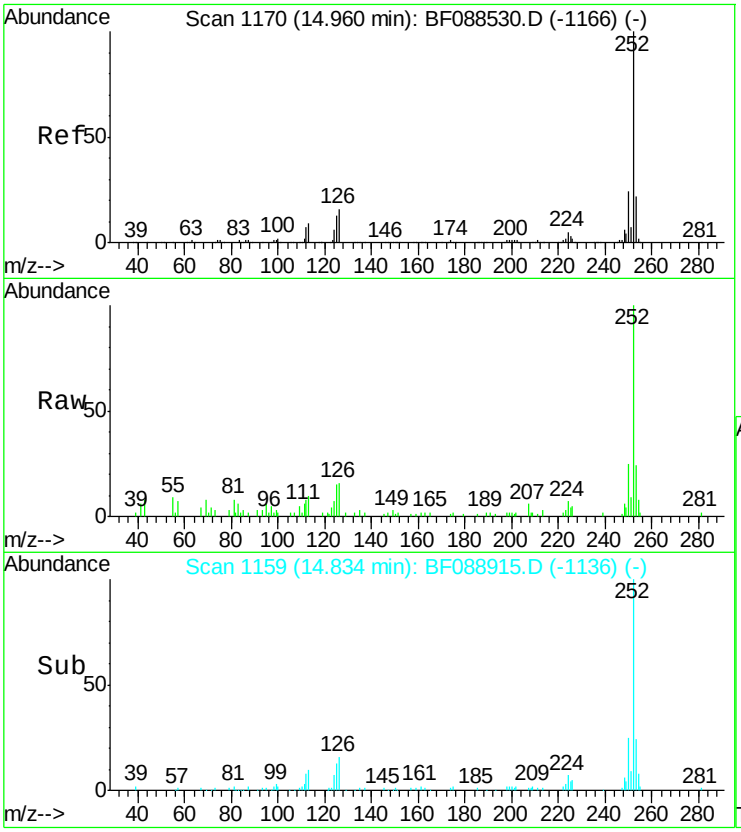


#87
Benzo(b)fluoranthene
Concen: 5.60 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:252 Resp: 40775

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	14.9	7.1	10.7#



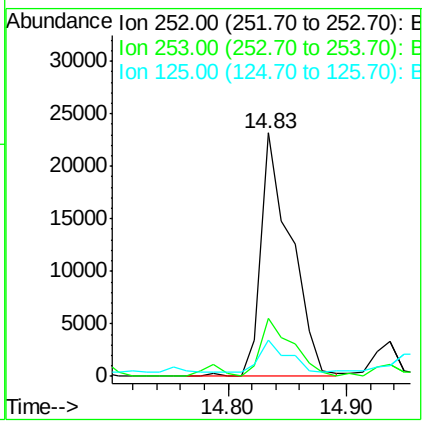


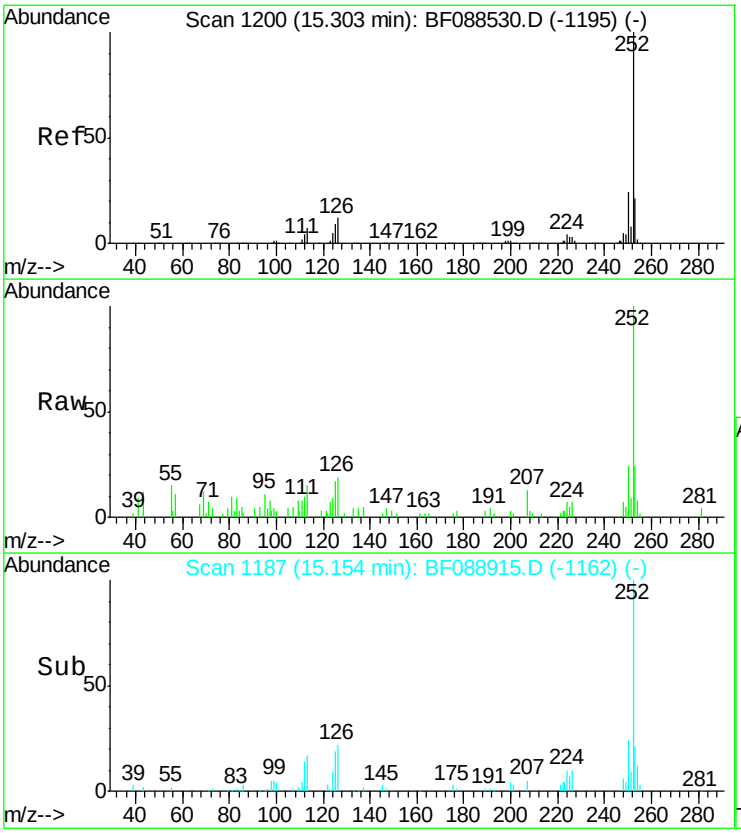
#88
Benzo(k)fluoranthene
Concen: 6.44 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:252 Resp: 40775

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	14.9	11.2	16.8

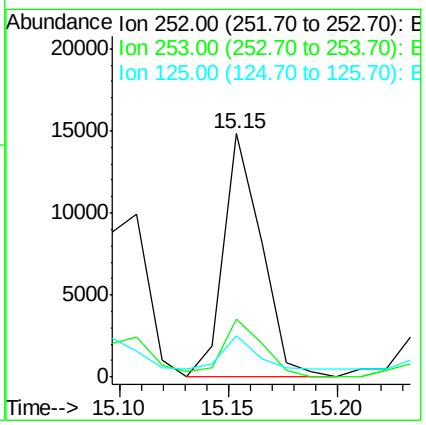


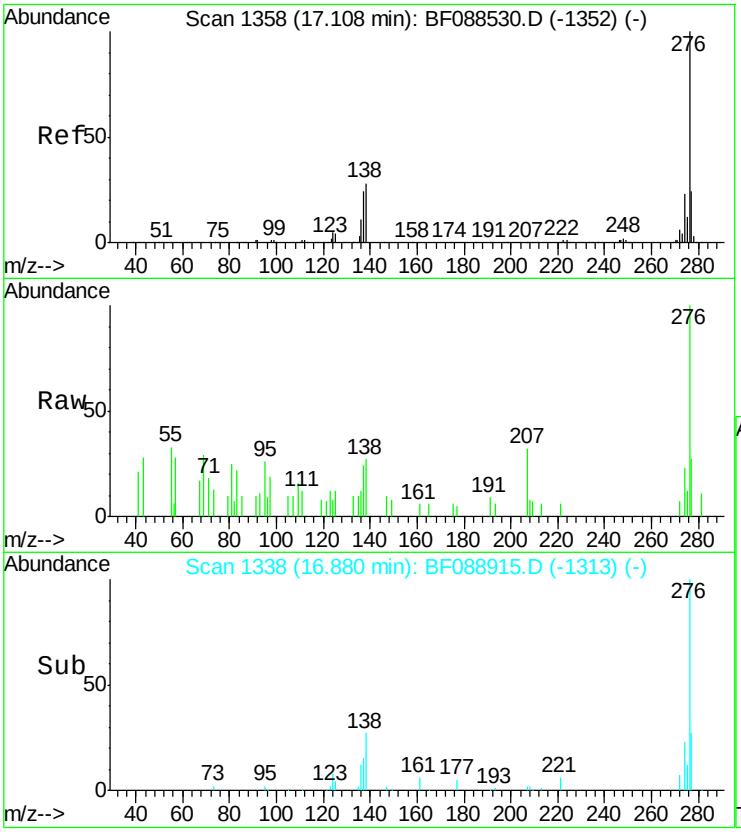


#89
Benzo(a)pyrene
Concen: 2.91 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:252 Resp: 17908

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	17.1	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.10 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Tgt Ion:276 Resp: 11195

Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.9	28.3
138	27.3	21.4	32.2