Quantitation Report (Not Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088902.D
Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 11 17:16:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	65389	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	273536	20.00	ng		-0.02
38) Acenaphthene-d10	9.75	164	104902	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	168643	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	138018	20.00	ng		-0.02
86) Perylene-d12	15.22	264	115198	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	598538	137.18	ng		-0.02
7) Phenol-d6	6.36	99	839554	148.92	ng		-0.01
23) Nitrobenzene-d5	7.28	82	452723	86.73	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	151551	155.58	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	659124	99.25	ng		-0.02
78) Terphenyl-d14	12.81	244	512822	82.76	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.87	79	8664	2.09	ng	#	45
19) n-Nitroso-di-n-propylamine	7.28	70	63759	16.84	ng	#	71
31) Naphthalene	8.02	128	58469	4.34	ng		99
37) 2-Methylnaphthalene	8.71	142	42516	4.90	ng	#	95
48) Acenaphthylene	9.61	152	35873	3.31	ng		98
49) Dimethylphthalate	9.47	163	174806	23.39	ng		99
51) Acenaphthene	9.78	154	50463	7.59	ng		99
54) Dibenzofuran	9.95	168	54342	6.24	ng	#	94
57) Fluorene	10.28	166	90115	13.43	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	9725	5.72	ng	#	1
70) Phenanthrene	11.24	178	770616	83.59	ng		100
71) Anthracene	11.30	178	251207	27.41	ng		97
72) Carbazole	11.45	167	45024	5.22	ng		99
74) Fluoranthene	12.43	202	818151	87.54	ng		100
77) Pyrene	12.66	202	845723	72.27	ng		100
80) Benzo(a)anthracene	13.84	228	463846	52.19	ng		97
82) Chrysene	13.87	228	297218	33.80	ng		97
85) Indeno(1,2,3-cd)pyrene	16.53	276	137003	20.25	ng	#	100
87) Benzo(b)fluoranthene	14.86	252	490760	67.91	ng	#	95
88) Benzo(k)fluoranthene	14.86	252	490760	78.01	ng		99
89) Benzo(a)pyrene	15.12	252	183716	30.03	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	47053	9.21	ng	#	88
91) Benzo(g,h,i)perylene	16.91	276	127860	24.18	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088902.D
Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 11 17:16:27 2016
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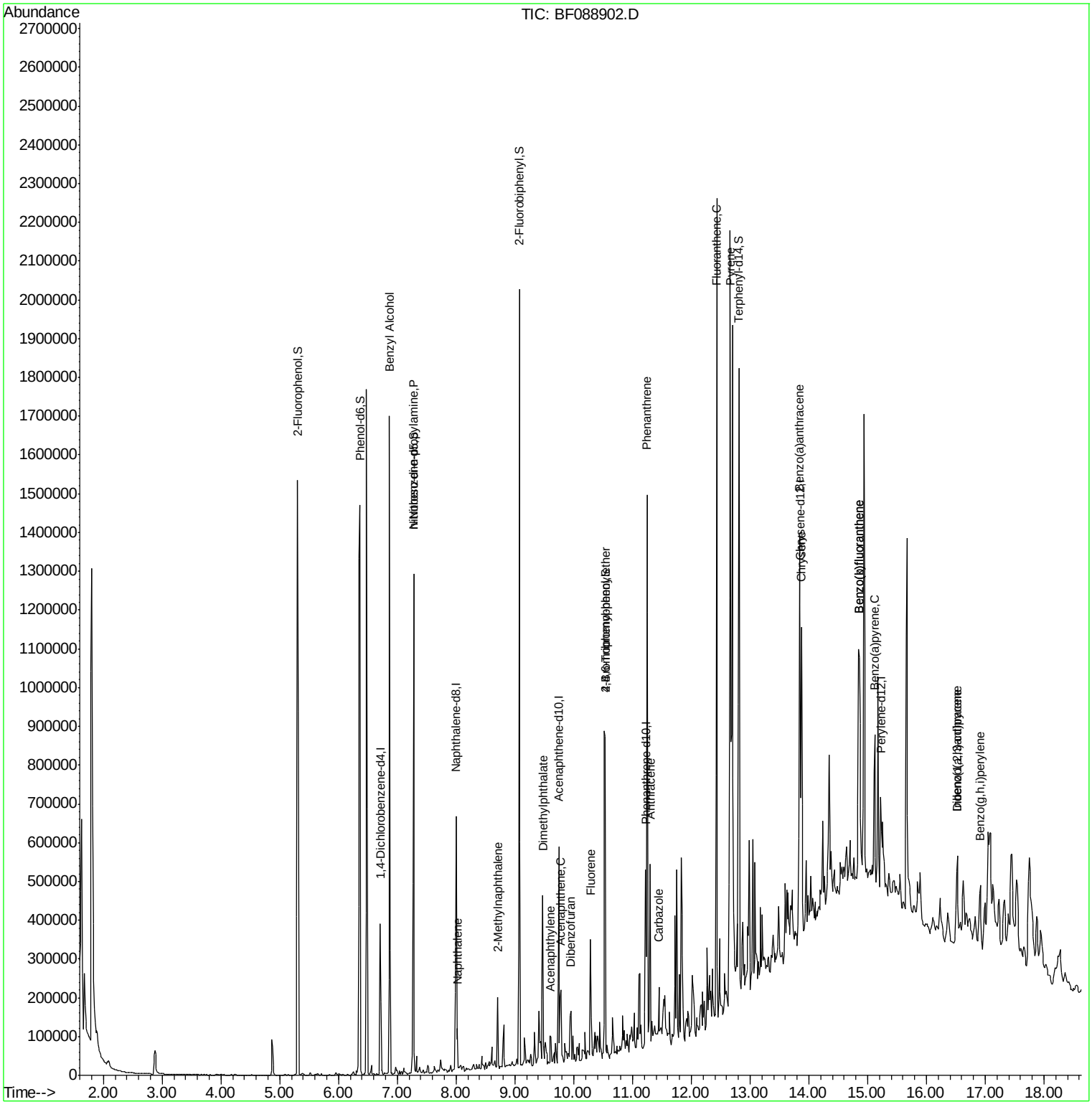
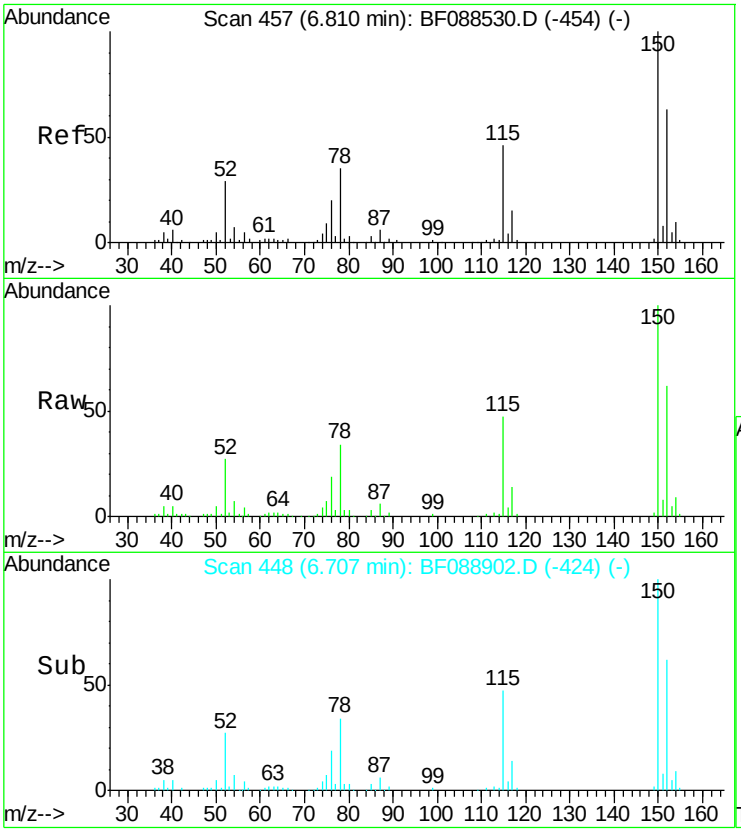


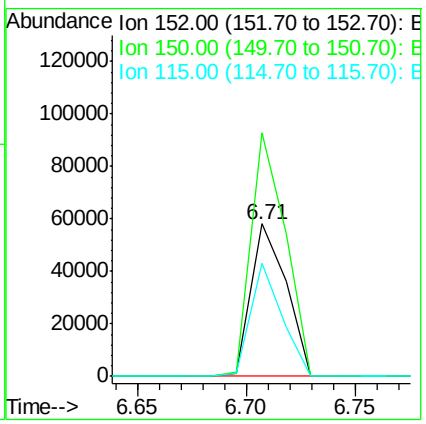


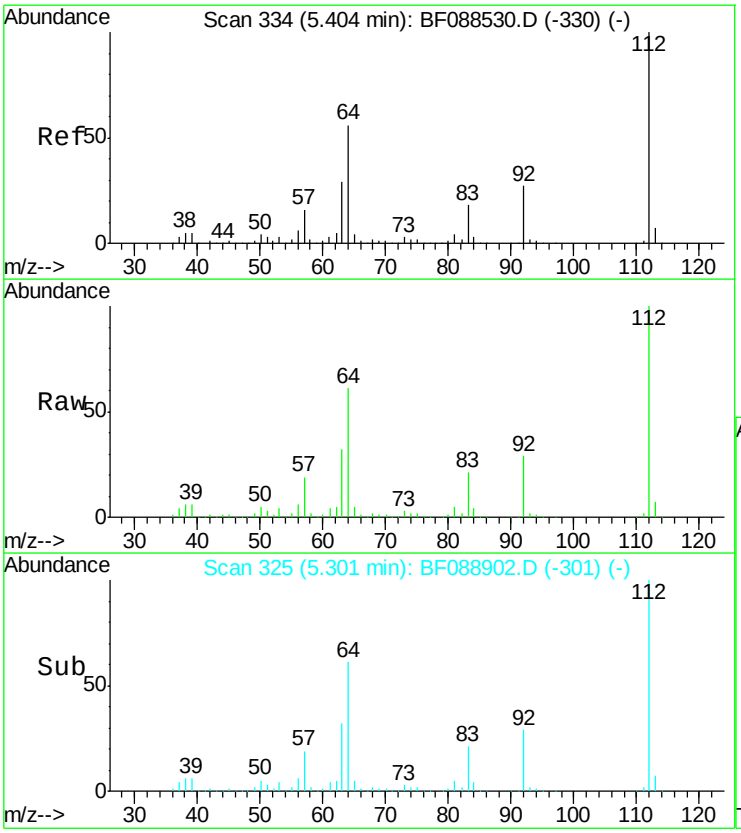
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 65389

Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.8	185.6
115	74.7	39.6	59.4#

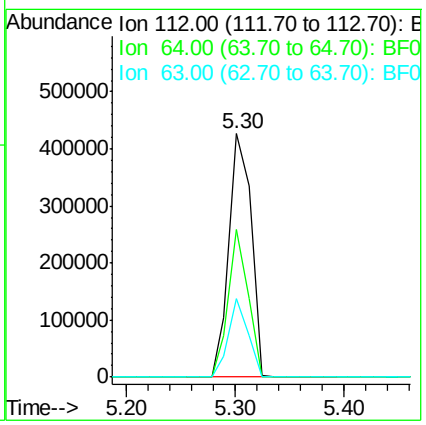


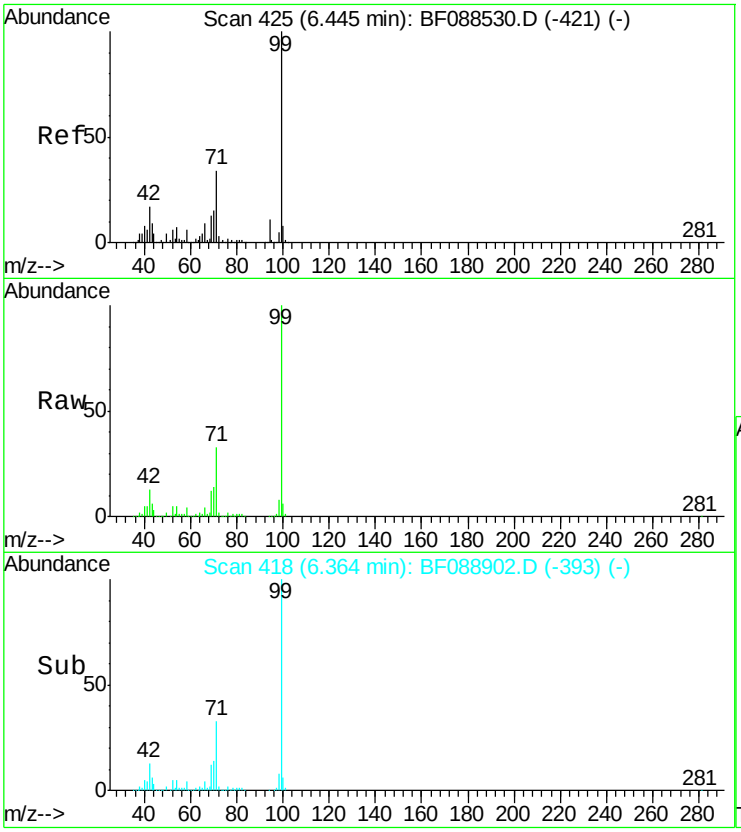


#5
2-Fluorophenol
Concen: 137.18 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:112 Resp: 598538

Ion	Ratio	Lower	Upper
112	100		
64	60.7	42.2	63.2
63	32.5	21.8	32.8



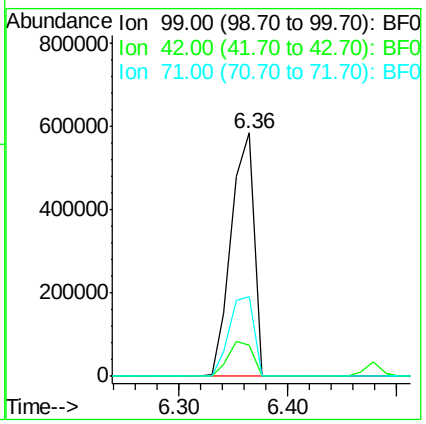


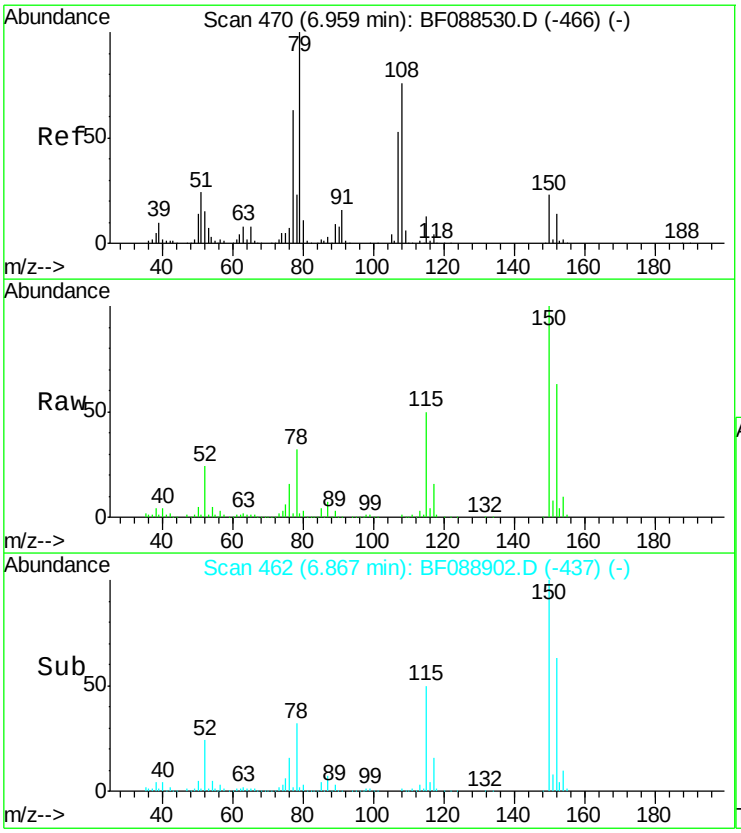
#7
Phenol-d6
Concen: 148.92 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 839554

Ion	Ratio	Lower	Upper
99	100		
42	12.7	12.2	18.2
71	32.7	23.4	35.0

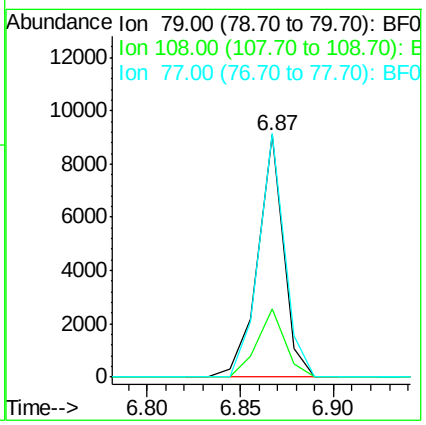


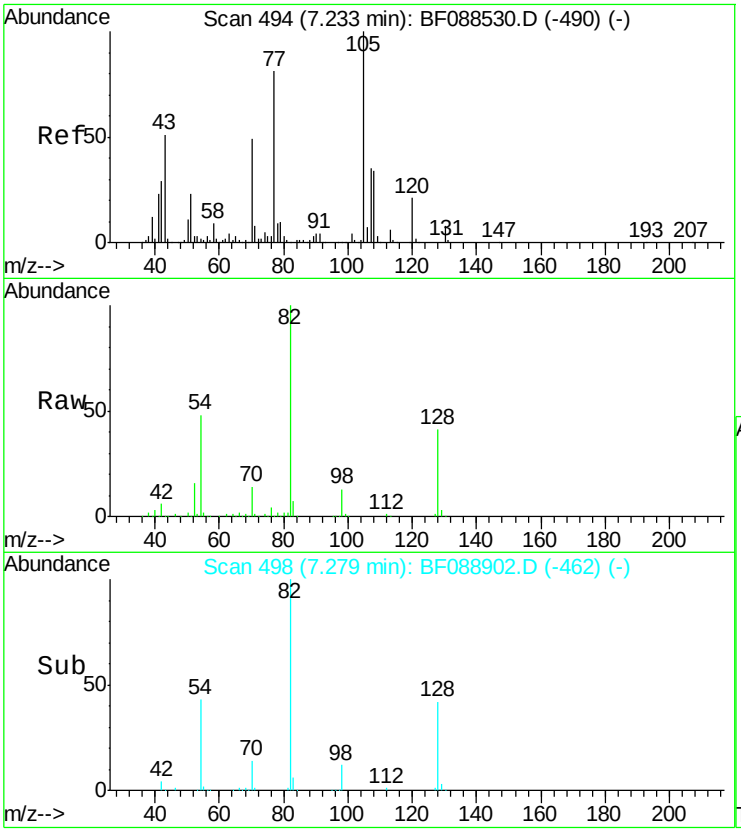


#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion: 79 Resp: 8664

Ion	Ratio	Lower	Upper
79	100		
108	28.1	65.0	97.6#
77	100.7	50.3	75.5#



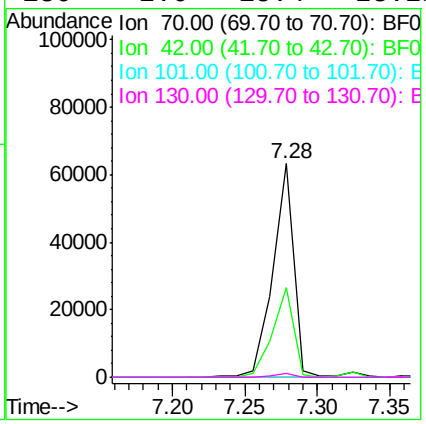


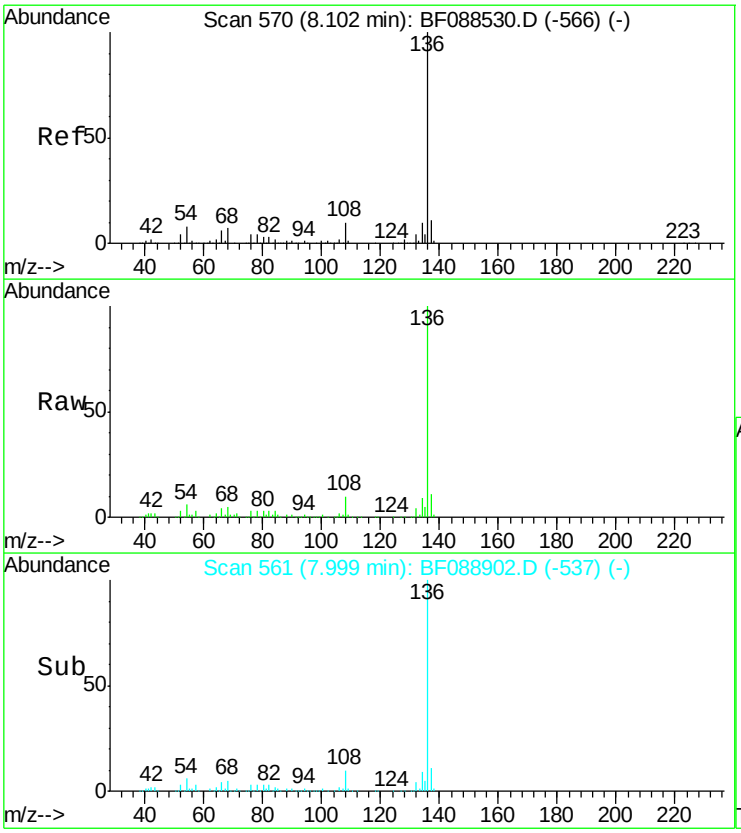
#19
n-Nitroso-di-n-propylamine
Concen: 16.84 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.11 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 63759

Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#

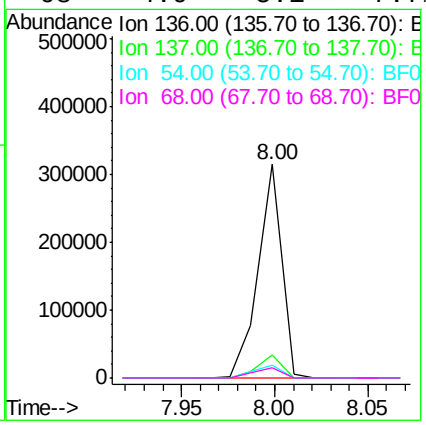


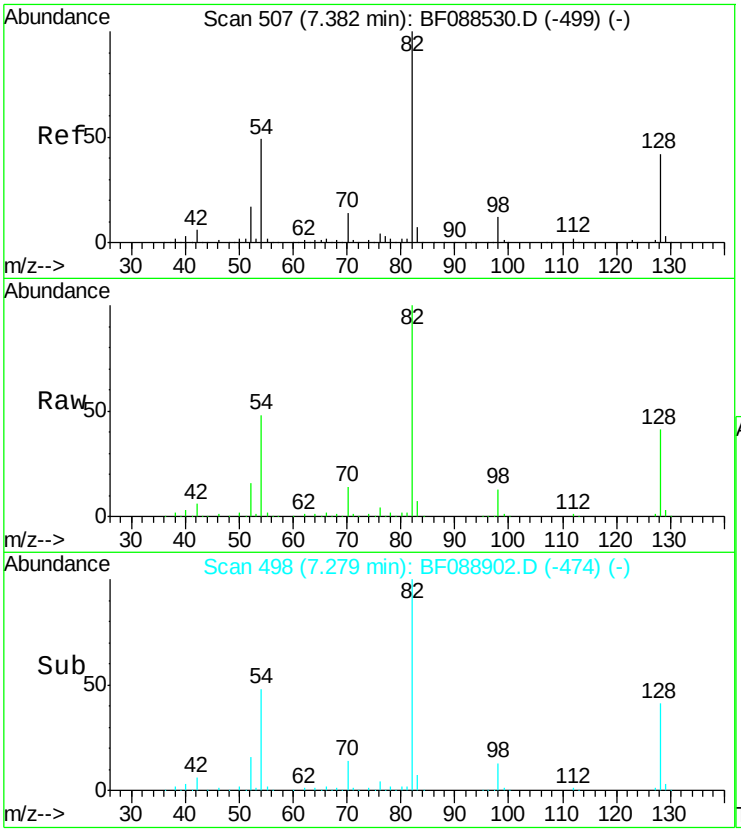


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:136 Resp: 273536

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	6.6	10.0#
68	4.9	5.1	7.7#



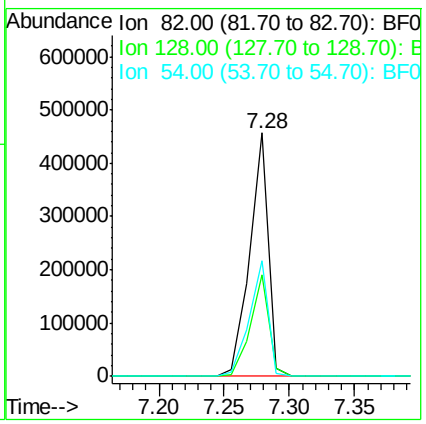


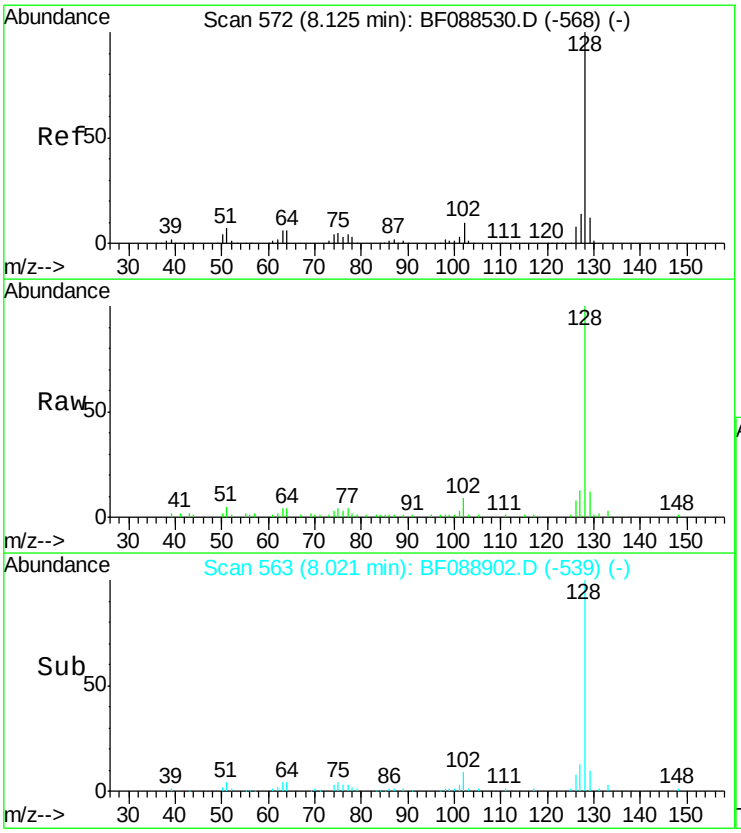
#23
Nitrobenzene-d5
Concen: 86.73 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 452723

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.9	53.9
54	47.6	40.9	61.3

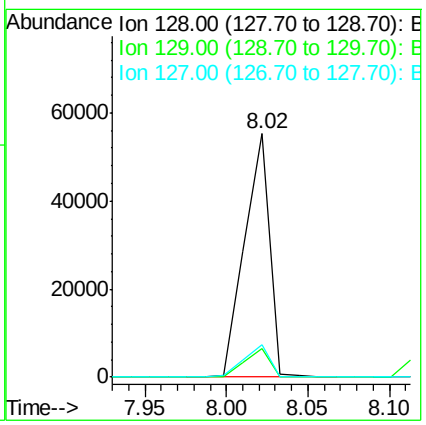


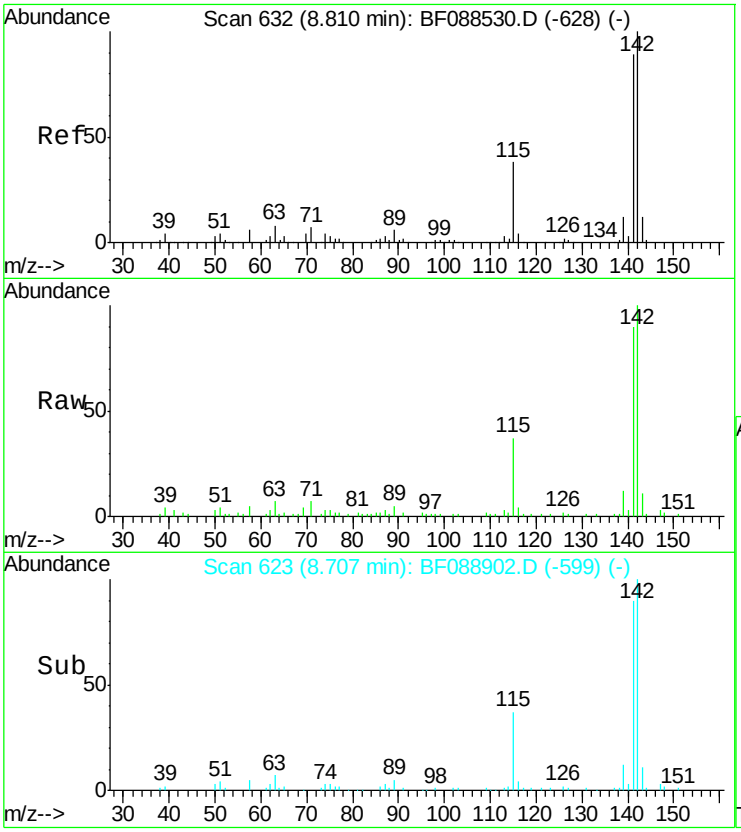


#31
Naphthalene
Concen: 4.34 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:128 Resp: 58469

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.1	10.9	16.3



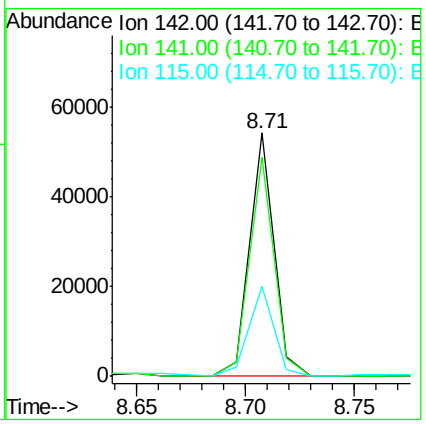


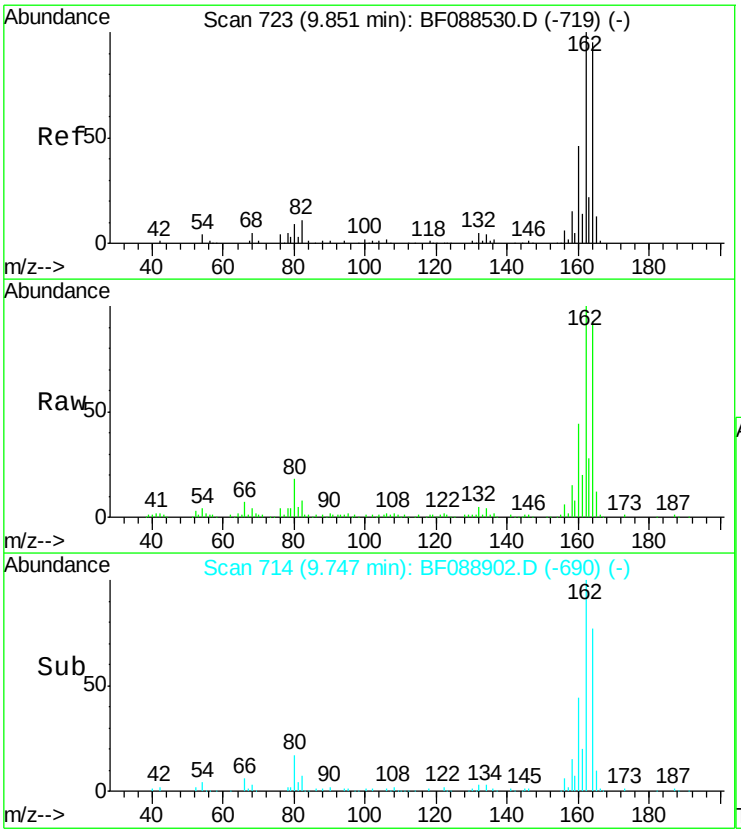
#37
2-Methylnaphthalene
Concen: 4.90 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 42516

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	36.9	22.6	33.8#

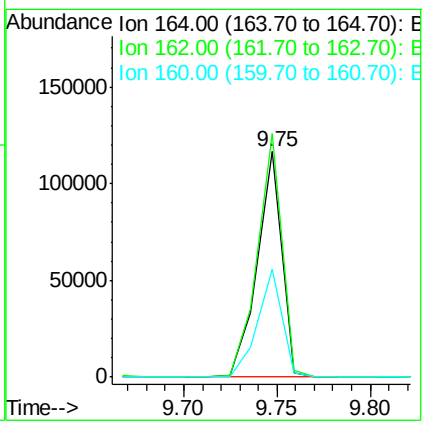


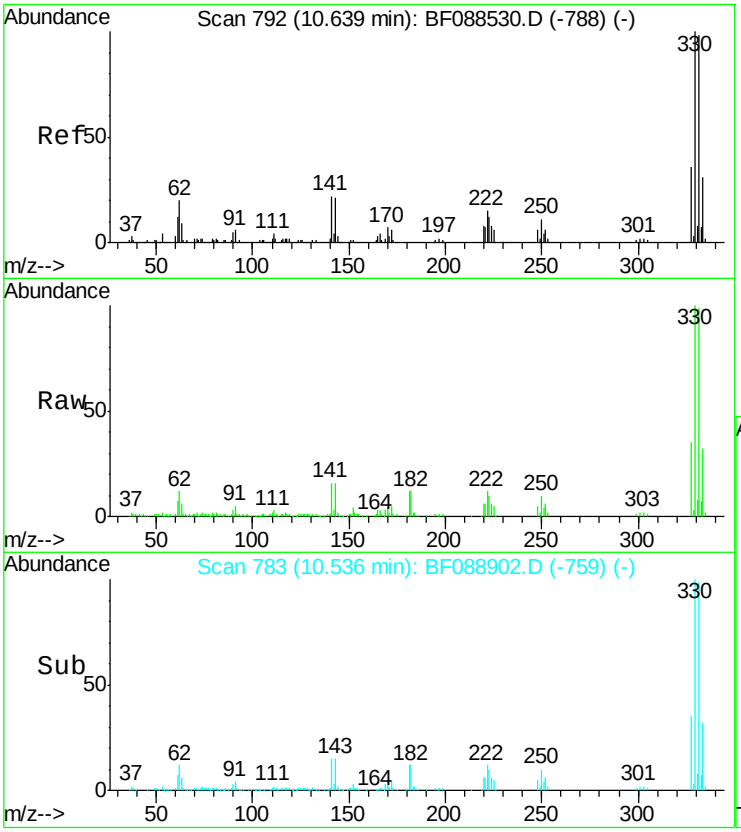


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:164 Resp: 104902

Ion	Ratio	Lower	Upper
164	100		
162	108.0	85.4	128.2
160	47.6	39.5	59.3



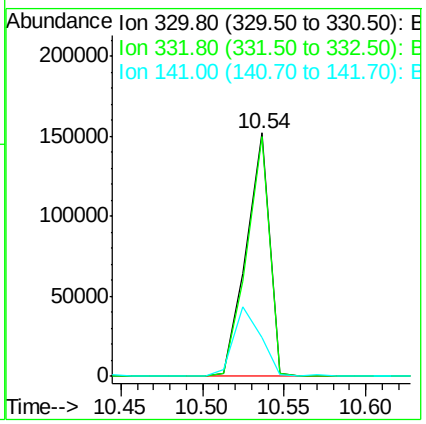


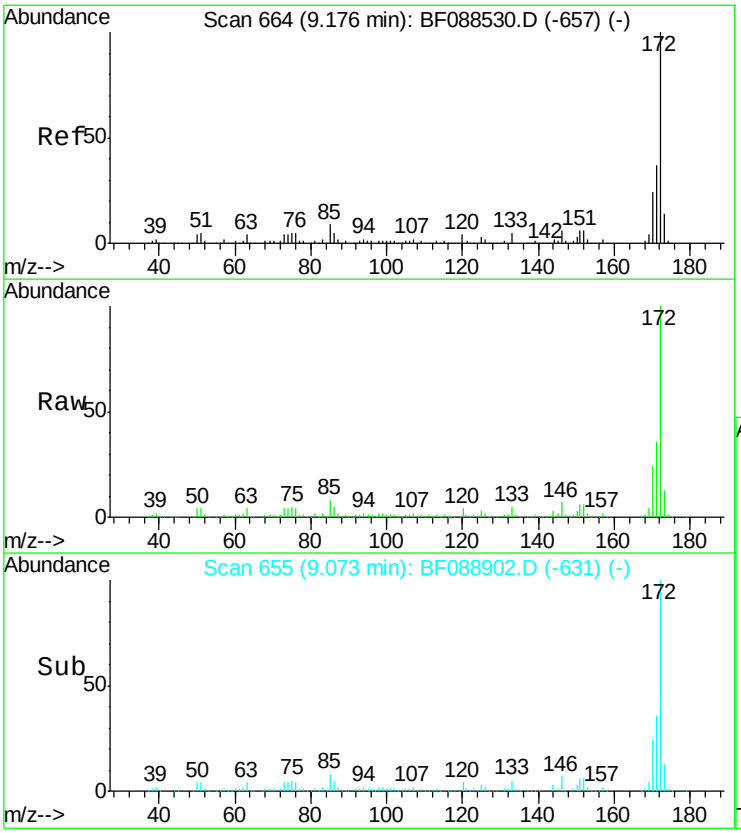
#41
2,4,6-Tribromophenol
Concen: 155.58 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 151551

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	32.7	0.0	0.0#

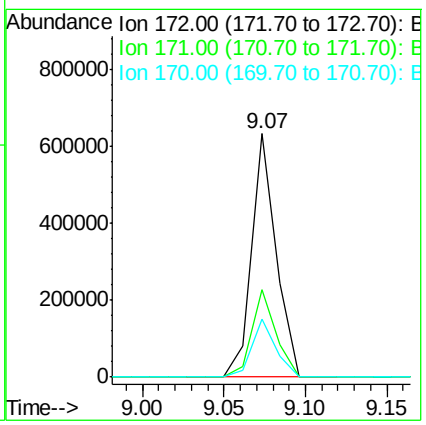


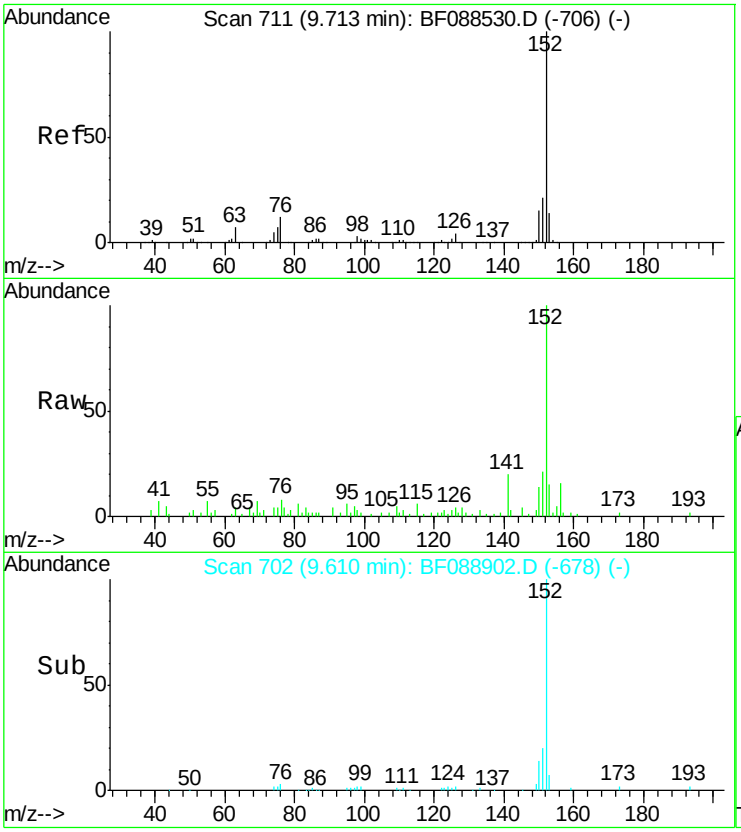


#44
2-Fluorobiphenyl
Concen: 99.25 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:172 Resp: 659124

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.2	28.8



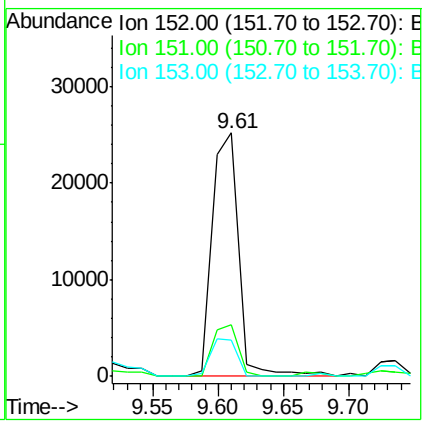


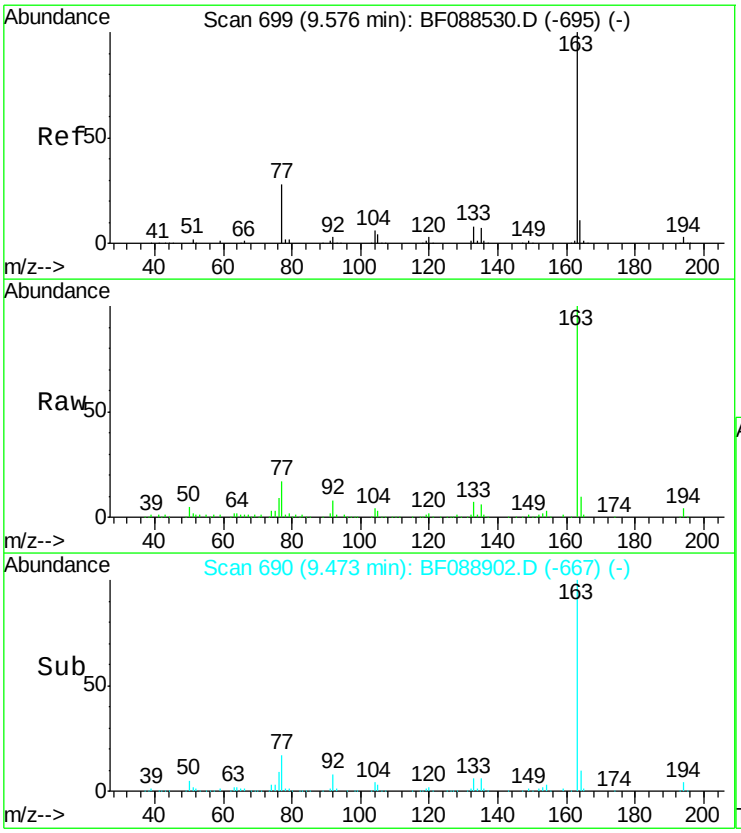
#48
Acenaphthylene
Concen: 3.31 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 35873

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4
153	15.0	11.0	16.6

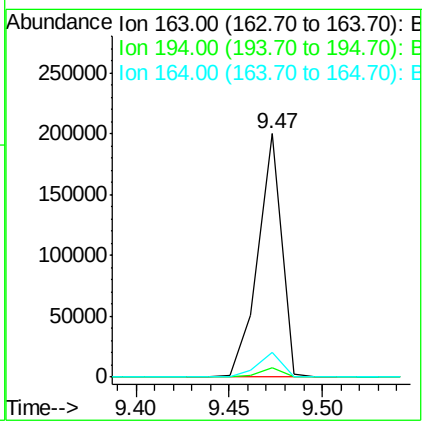


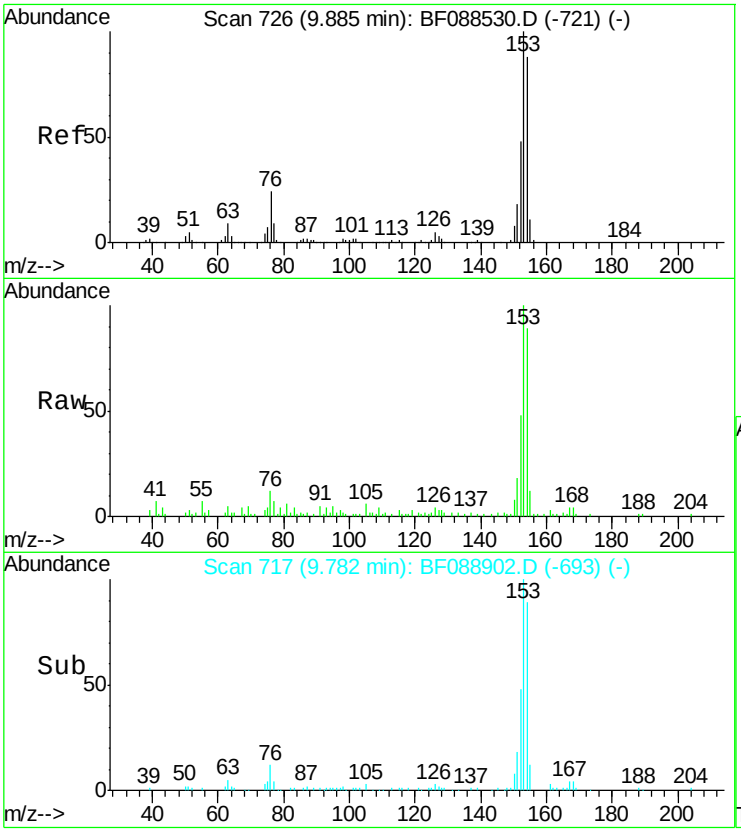


#49
Dimethylphthalate
Concen: 23.39 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:163 Resp: 174806

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.0	8.3	12.5



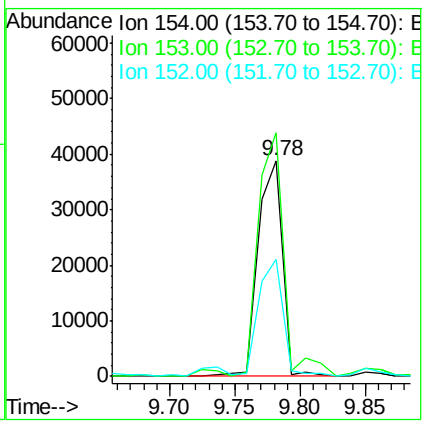


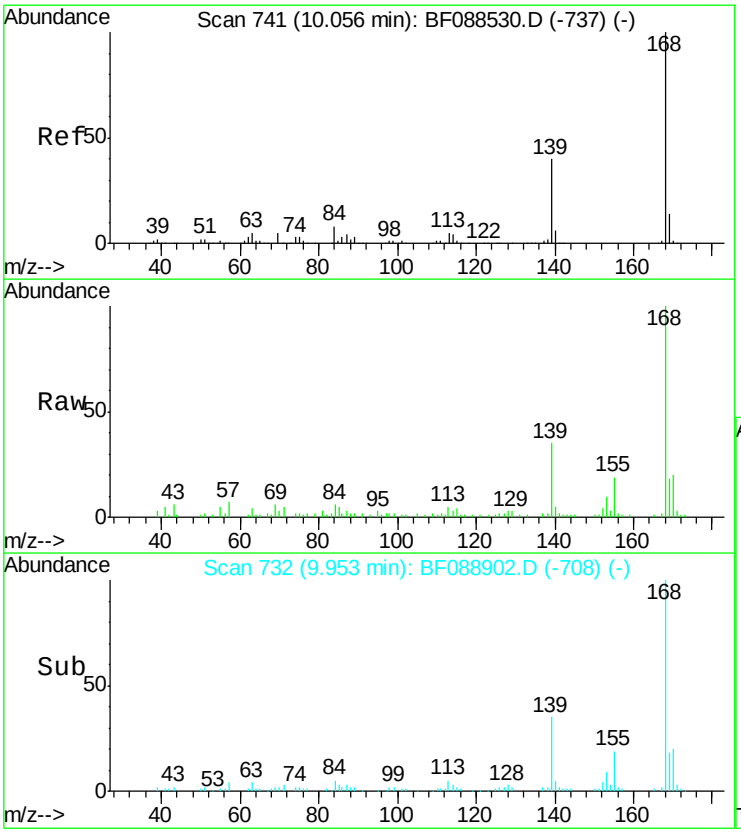
#51
Acenaphthene
Concen: 7.59 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 50463

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	54.3	42.7	64.1

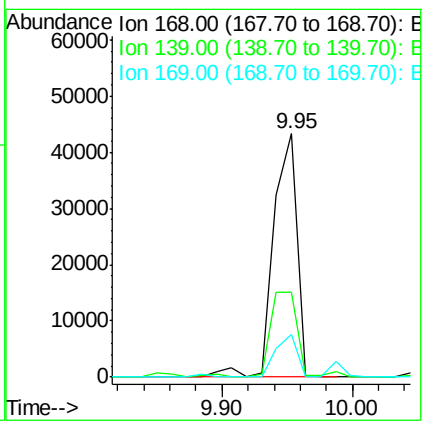


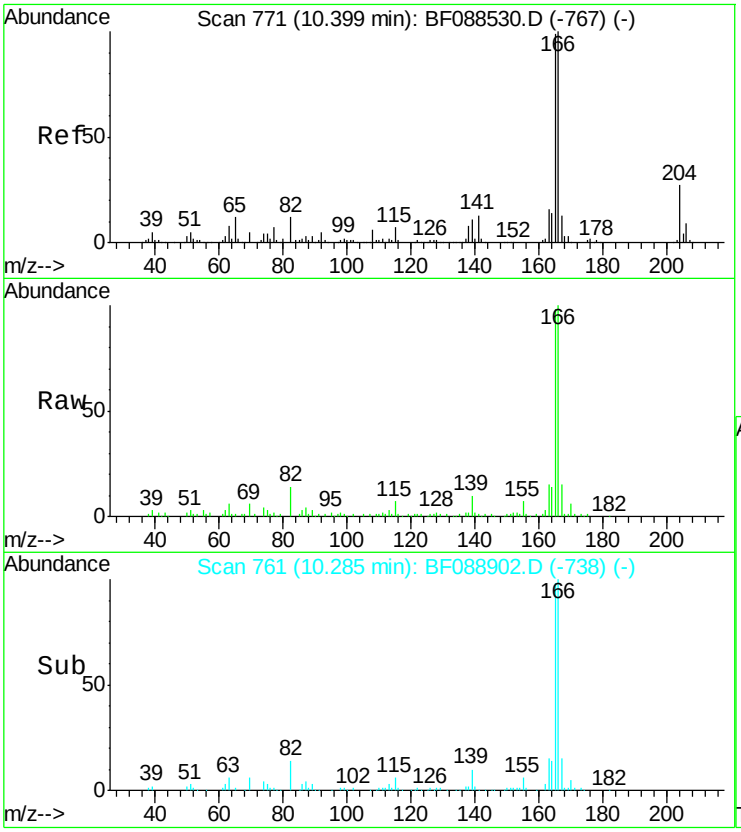


#54
Dibenzofuran
Concen: 6.24 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:168 Resp: 54342

Ion	Ratio	Lower	Upper
168	100		
139	34.7	26.4	39.6
169	17.8	10.4	15.6#



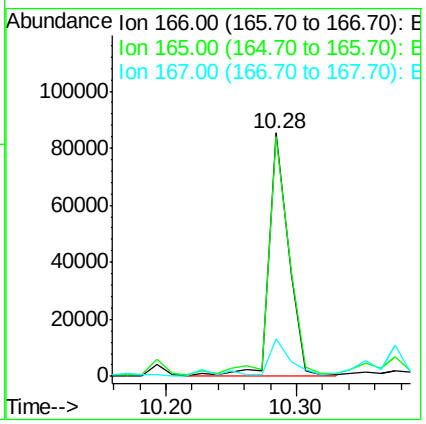


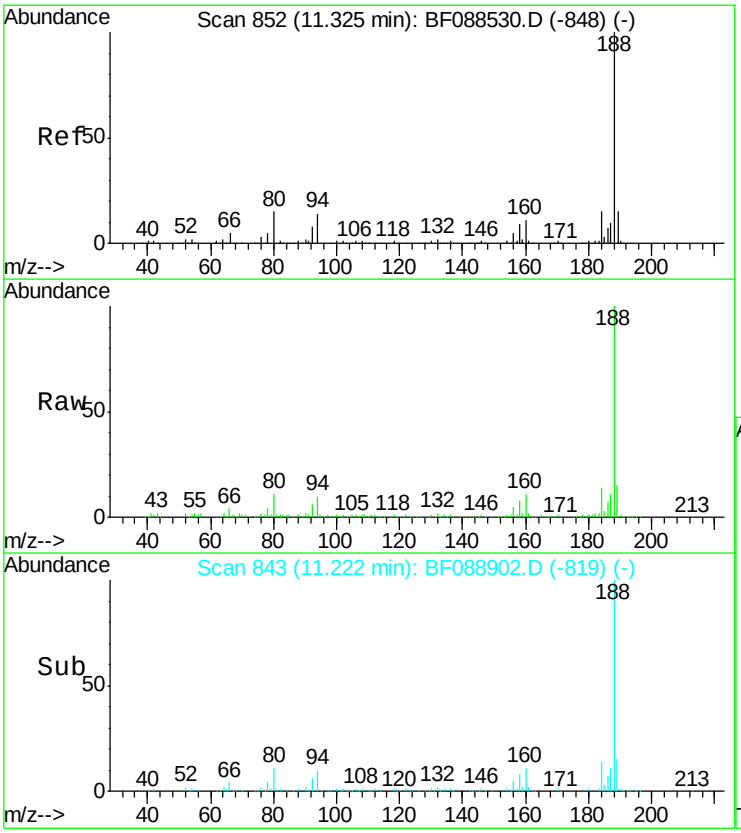
#57
Fluorene
Concen: 13.43 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 90115

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	15.3	11.2	16.8

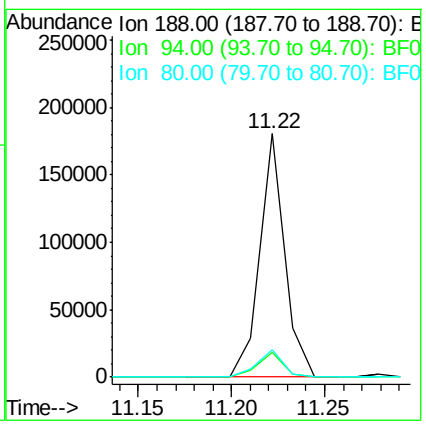


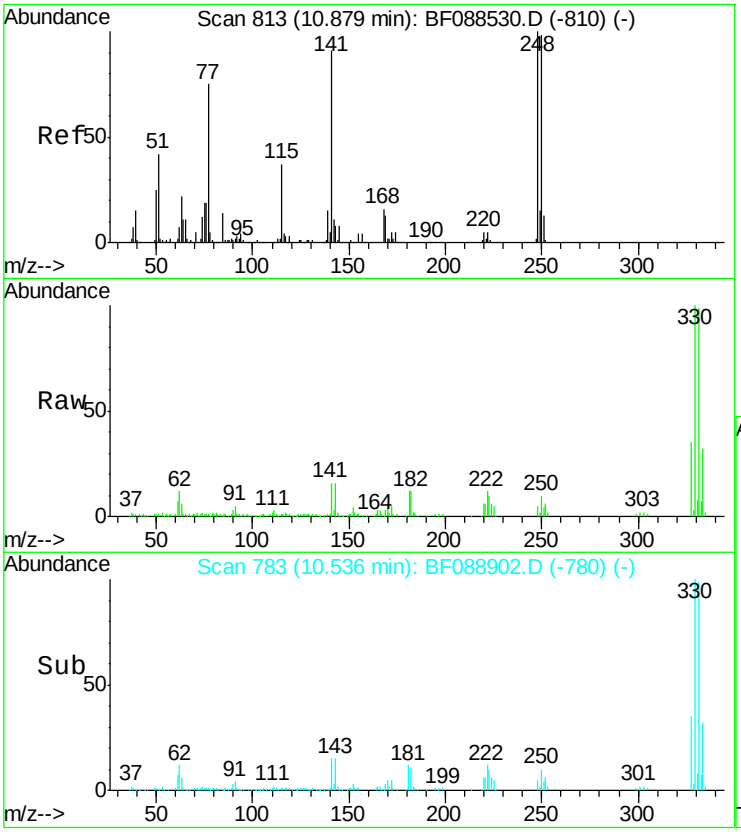


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:188 Resp: 168643

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.6
80	11.3	10.0	15.0



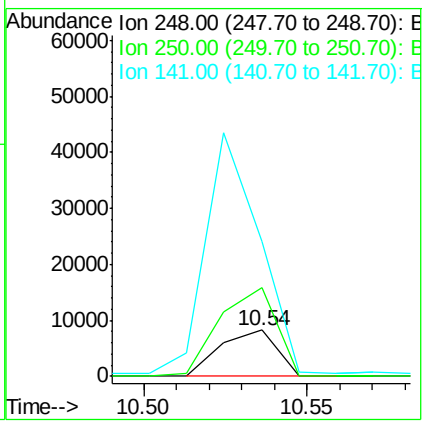


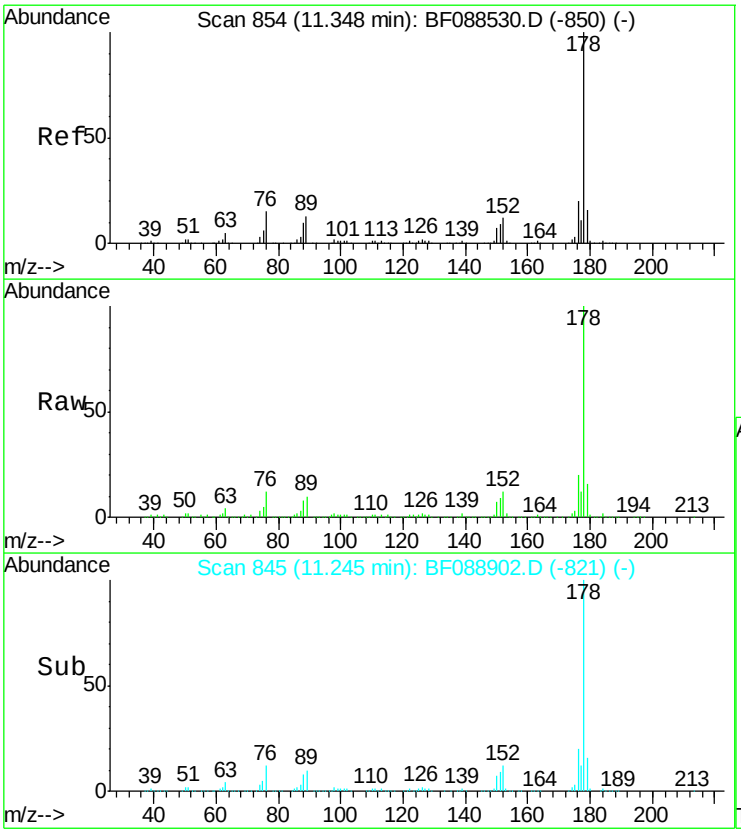
#66
4-Bromophenyl-phenylether
Concen: 5.72 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.26 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9725

Ion	Ratio	Lower	Upper
248	100		
250	192.7	77.1	115.7#
141	291.3	50.6	76.0#

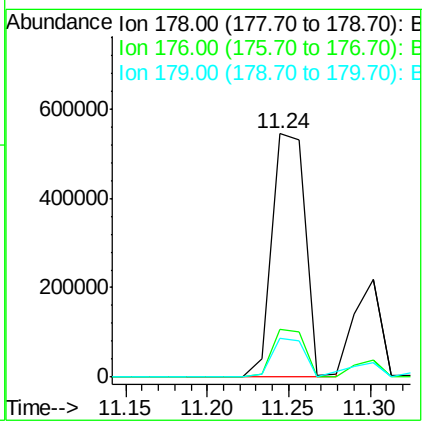


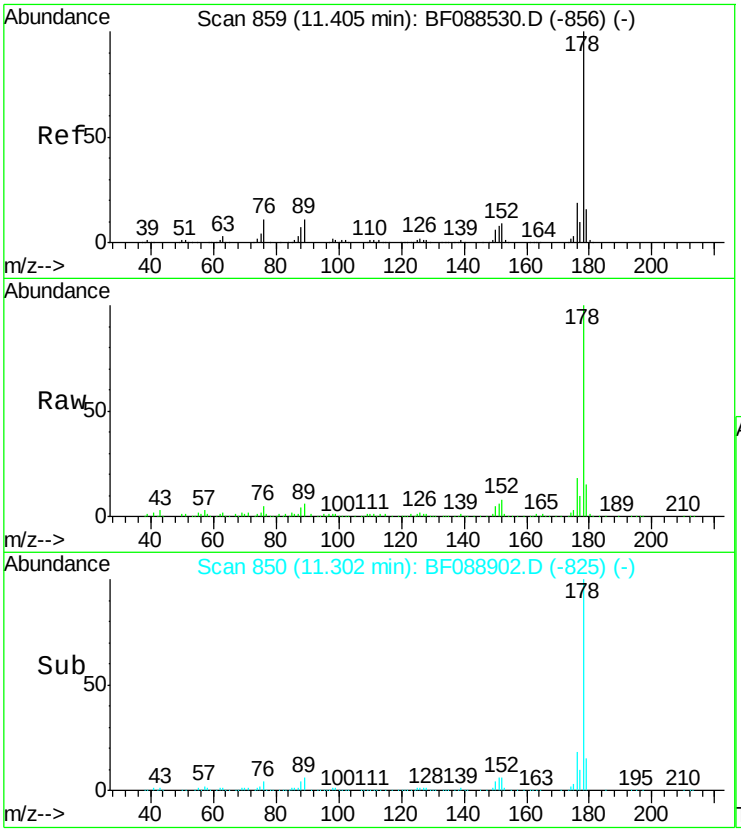


#70
Phenanthrene
Concen: 83.59 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:178 Resp: 770616

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.9	13.0	19.4



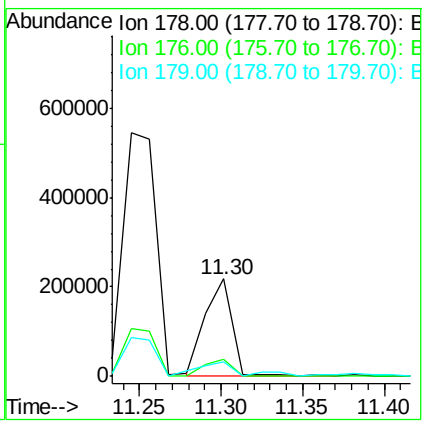


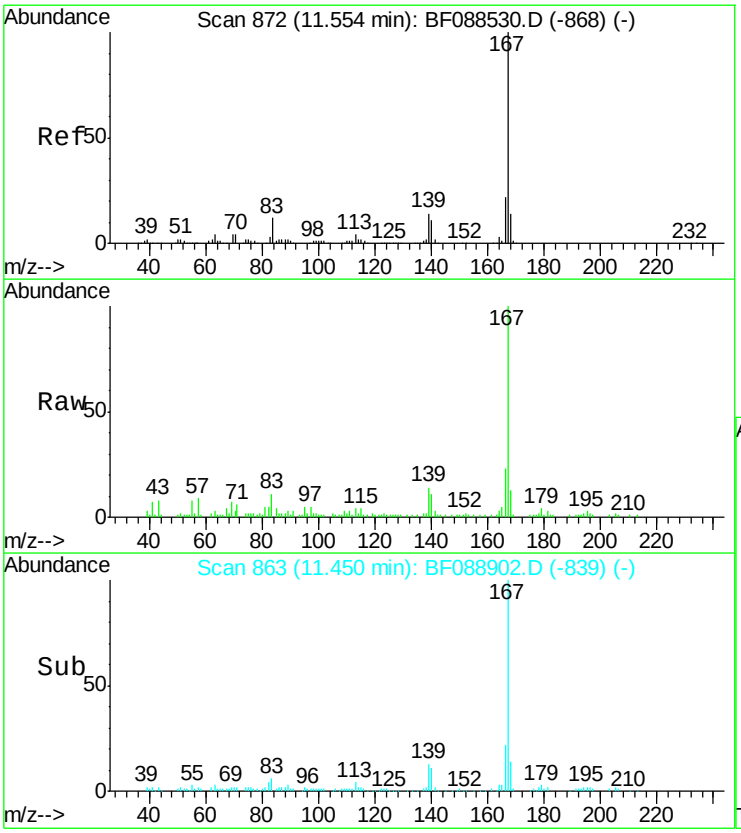
#71
Anthracene
Concen: 27.41 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 251207

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	15.0	12.8	19.2

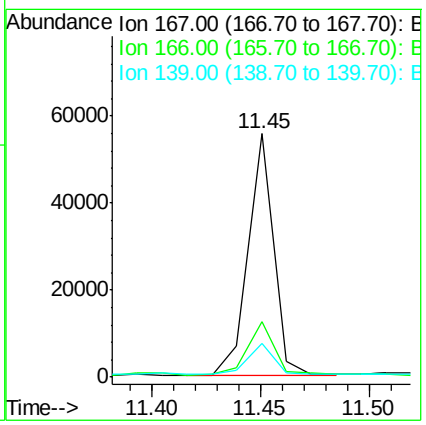


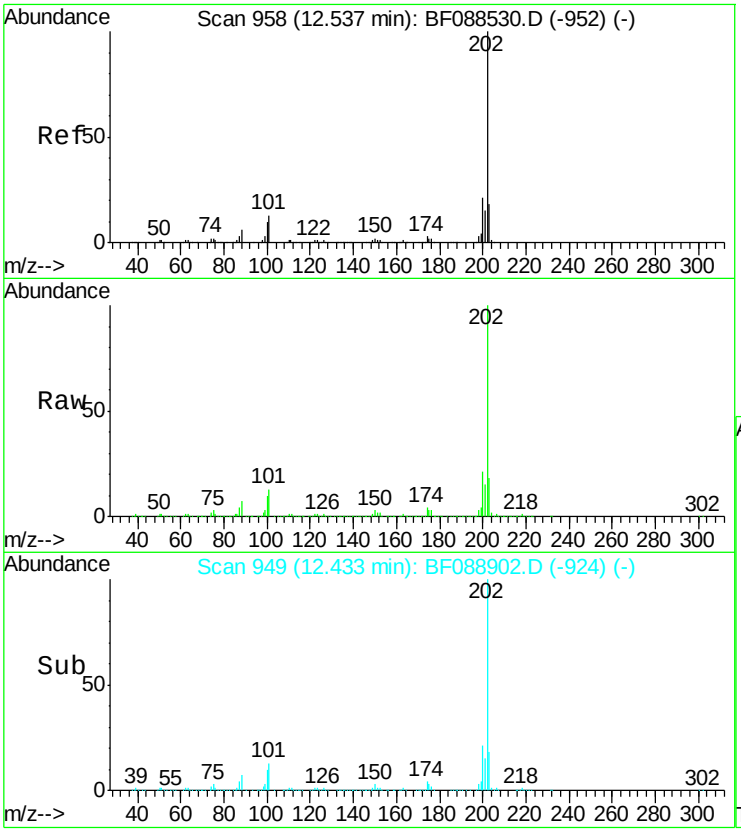


#72
Carbazole
Concen: 5.22 ng
RT: 11.45 min Scan# 863
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:167 Resp: 45024

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	13.9	11.2	16.8



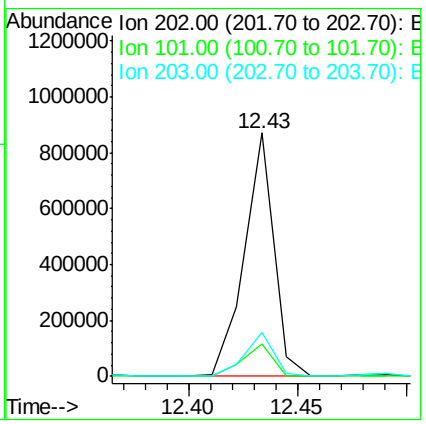


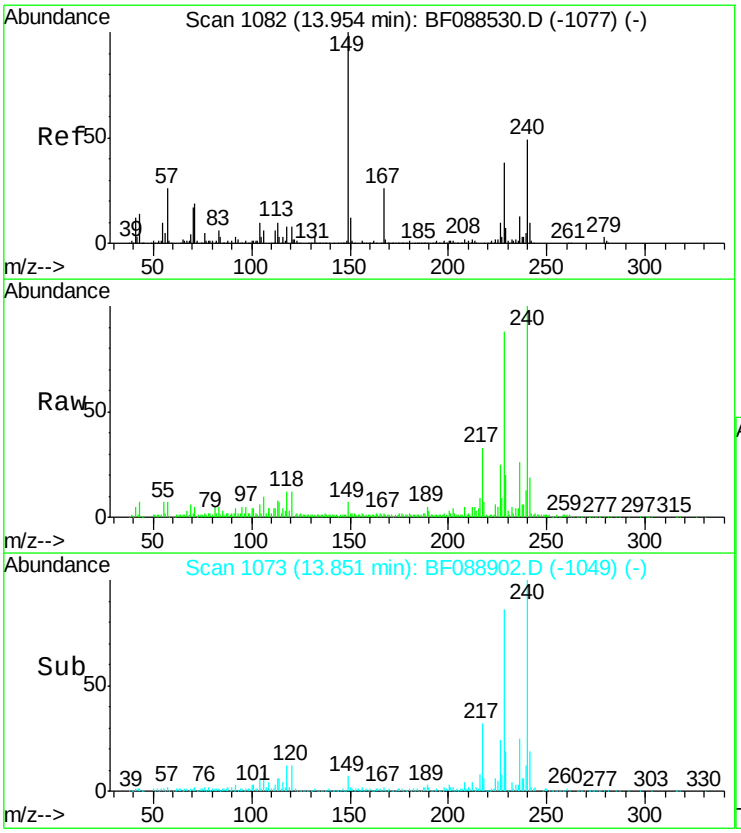
#74
Fluoranthene
Concen: 87.54 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 818151

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.1
203	18.1	0.0	38.1

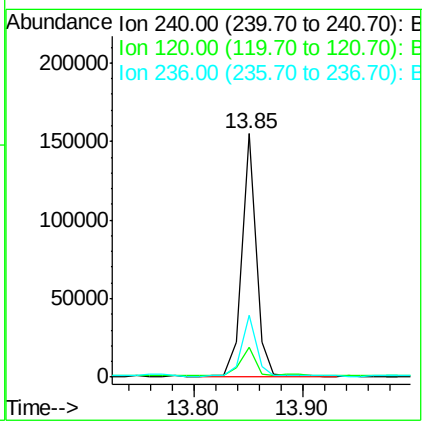


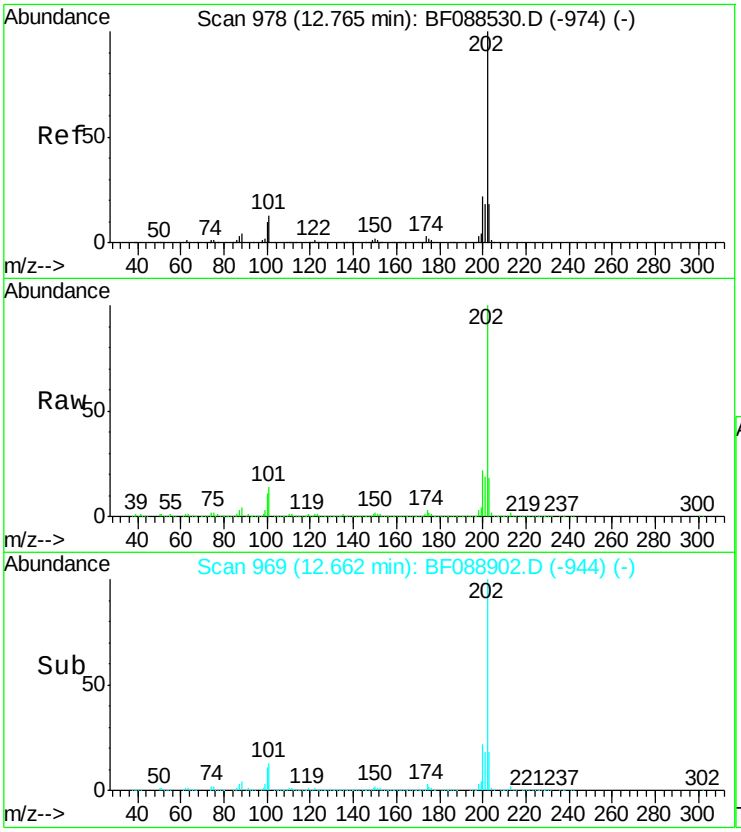


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:240 Resp: 138018

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.8	10.2#
236	25.6	20.2	30.2



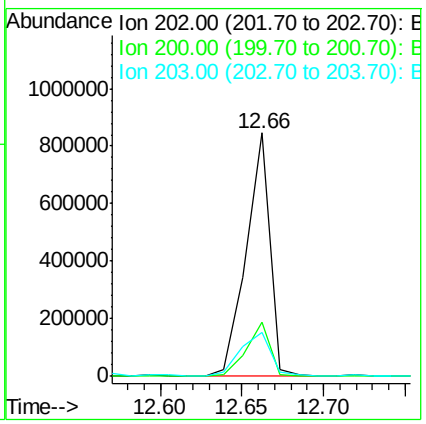


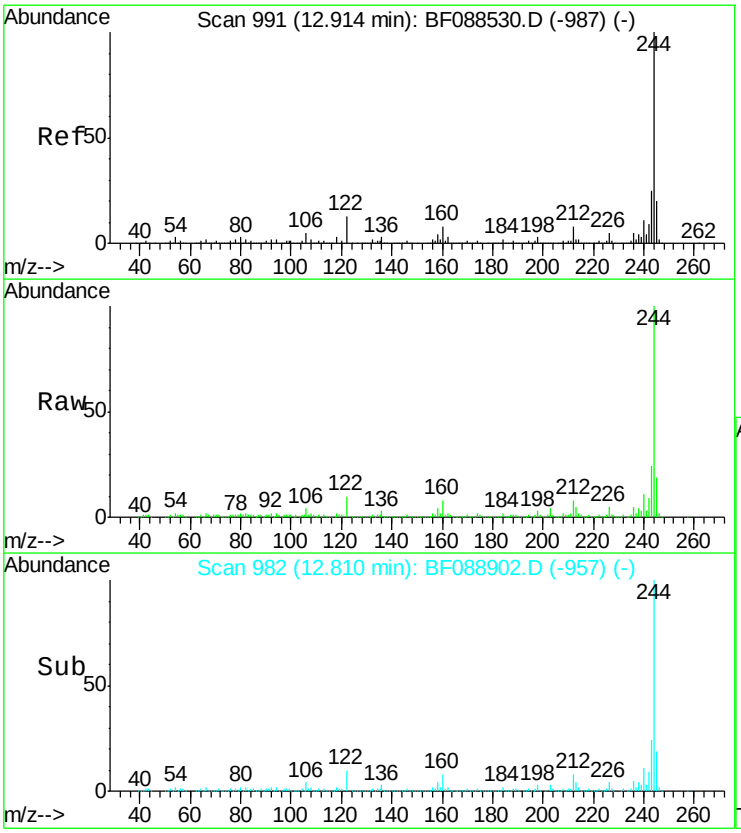
#77
Pyrene
Concen: 72.27 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 845723

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.1	14.5	21.7

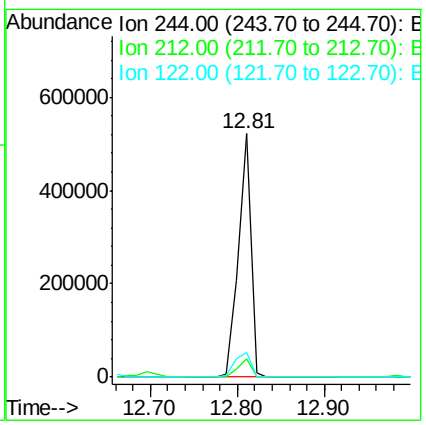


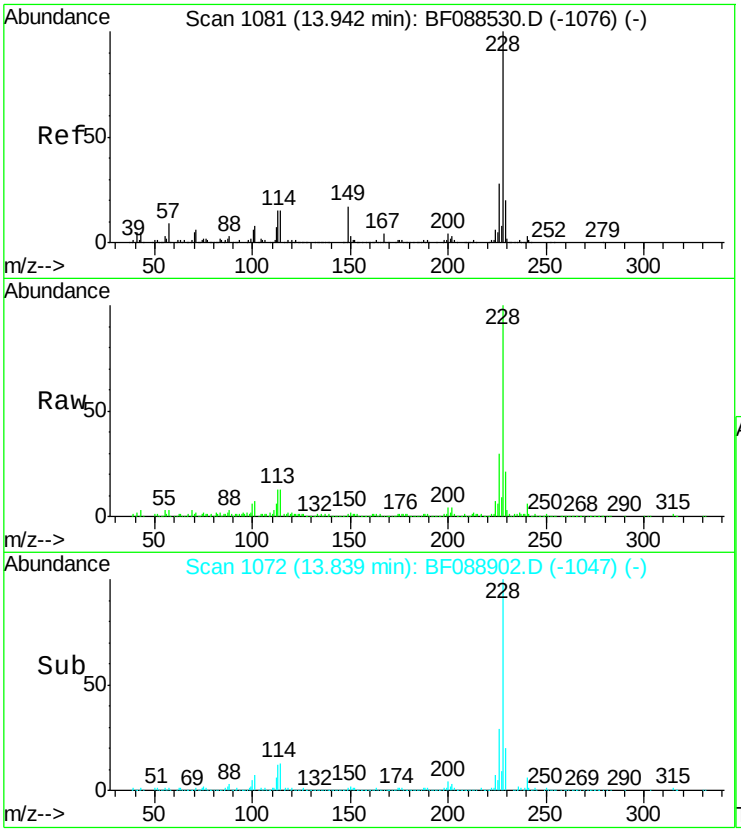


#78
Terphenyl-d14
Concen: 82.76 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:244 Resp: 512822

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	10.3	11.2	16.8#



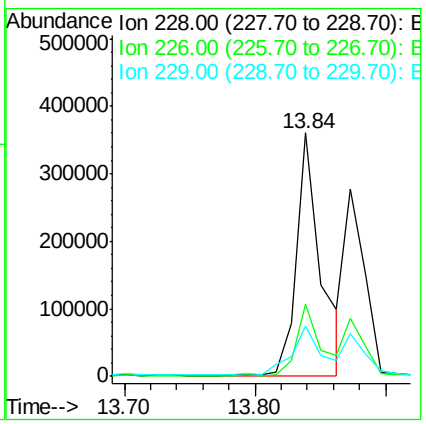


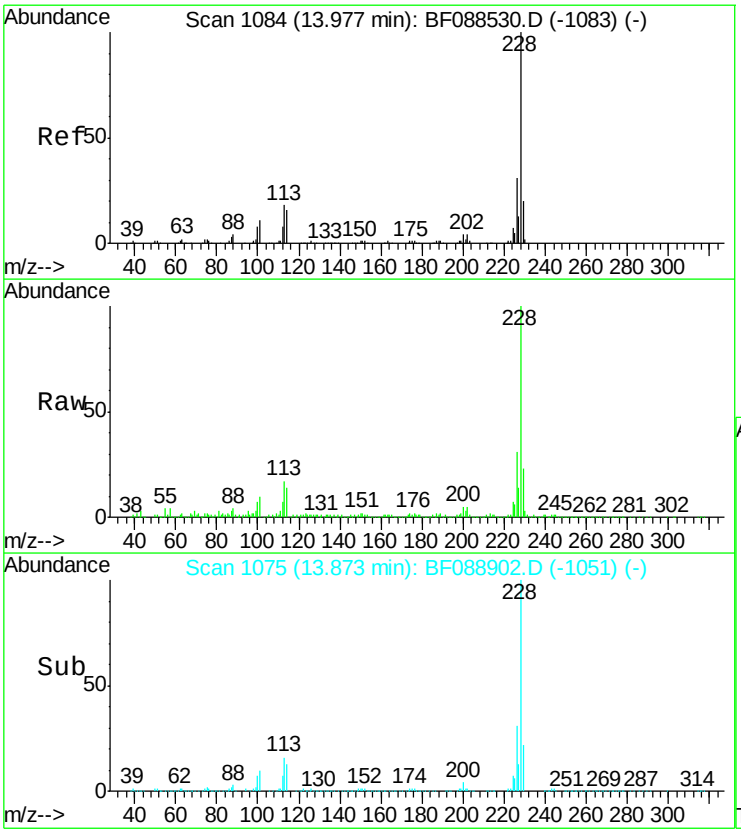
#80
Benzo(a)anthracene
Concen: 52.19 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 463846

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.3	33.5
229	20.8	16.0	24.0

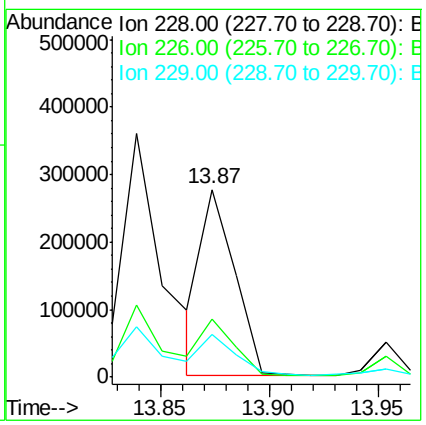


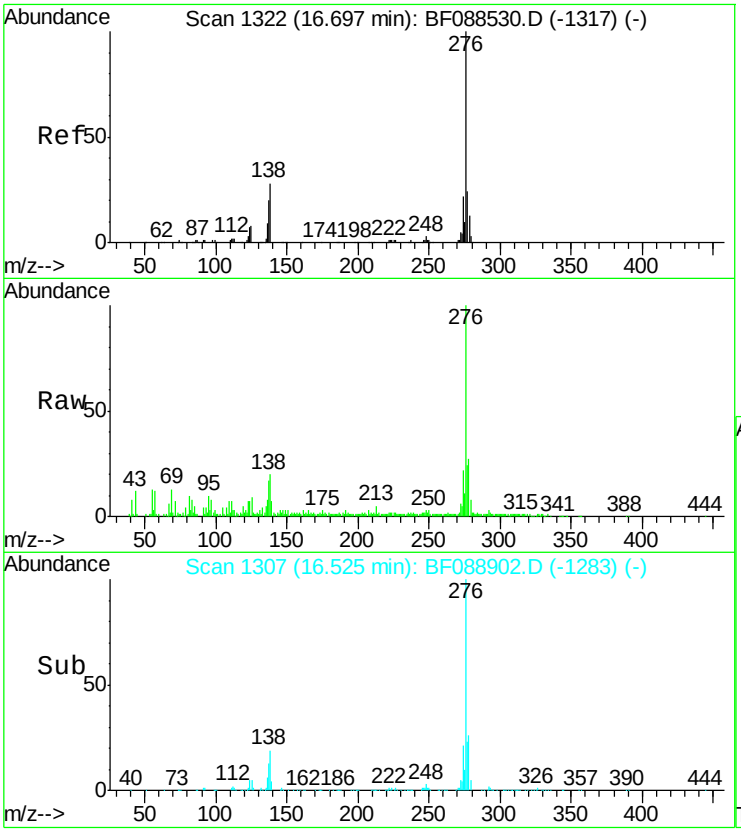


#82
Chrysene
Concen: 33.80 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:228 Resp: 297218

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.2
229	23.0	16.3	24.5



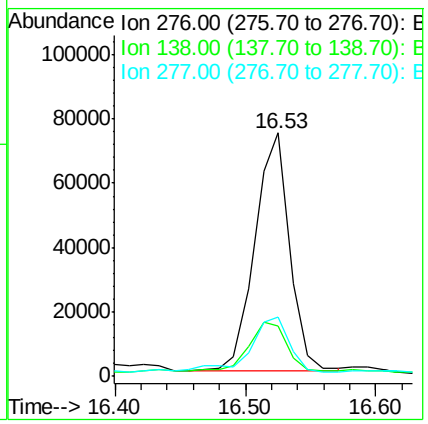


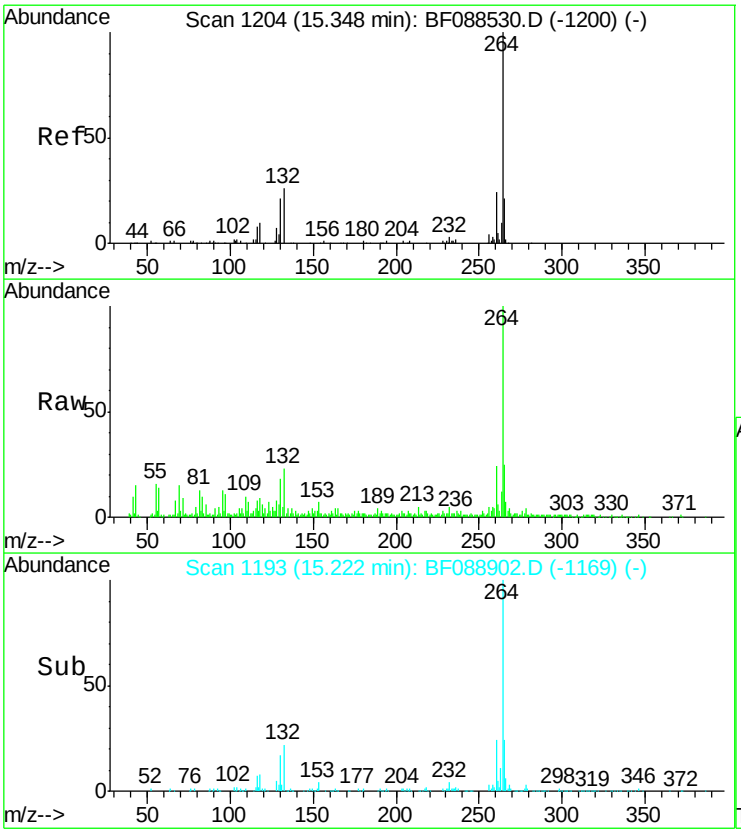
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.25 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 137003

Ion	Ratio	Lower	Upper
276	100		
138	23.0	0.0	0.0#
277	28.6	0.0	0.0#

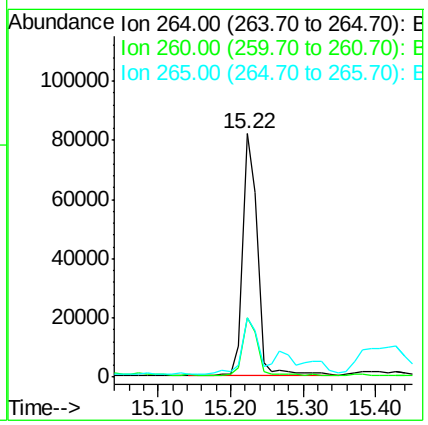


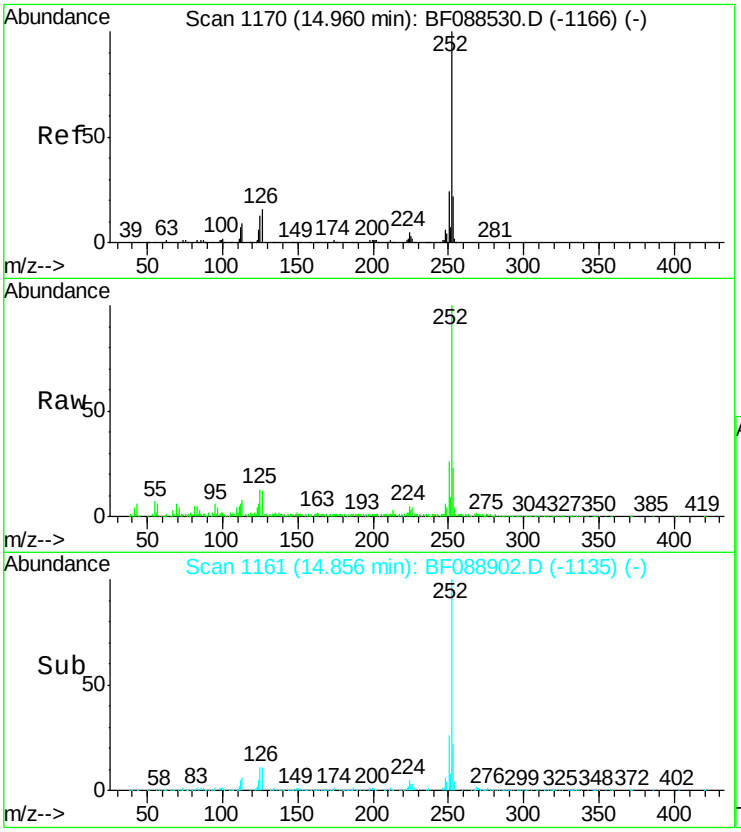


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:264 Resp: 115198

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	24.5	16.9	25.3



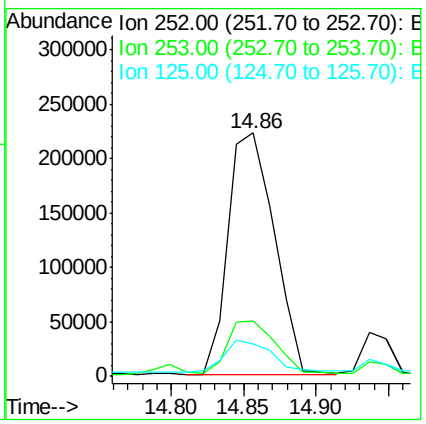


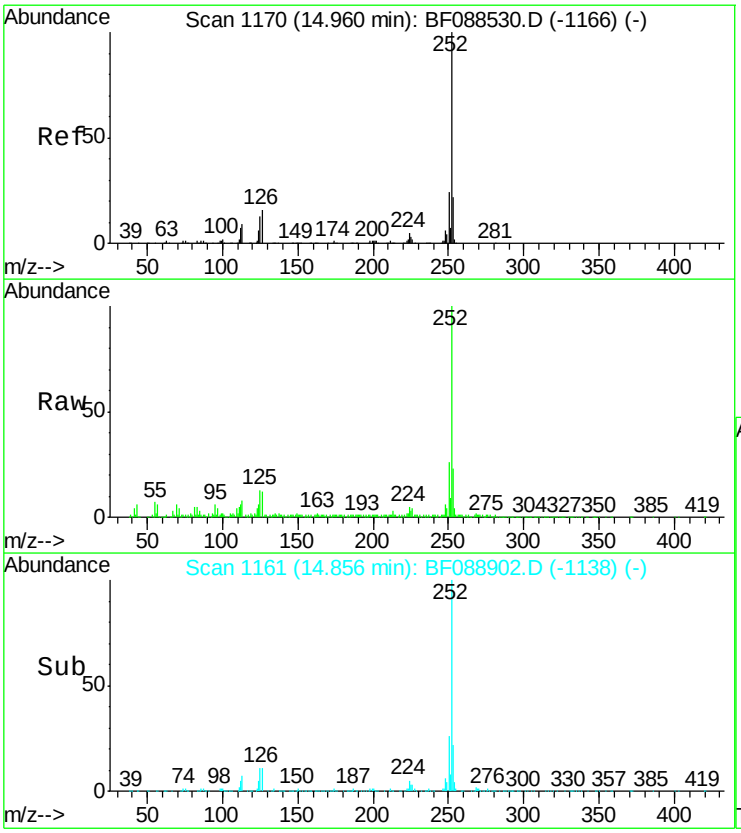
#87
Benzo(b)fluoranthene
Concen: 67.91 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 490760

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	13.1	7.1	10.7#

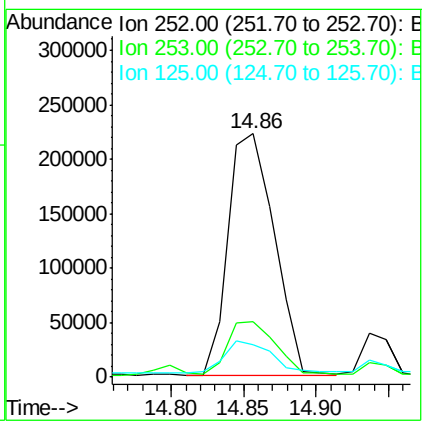


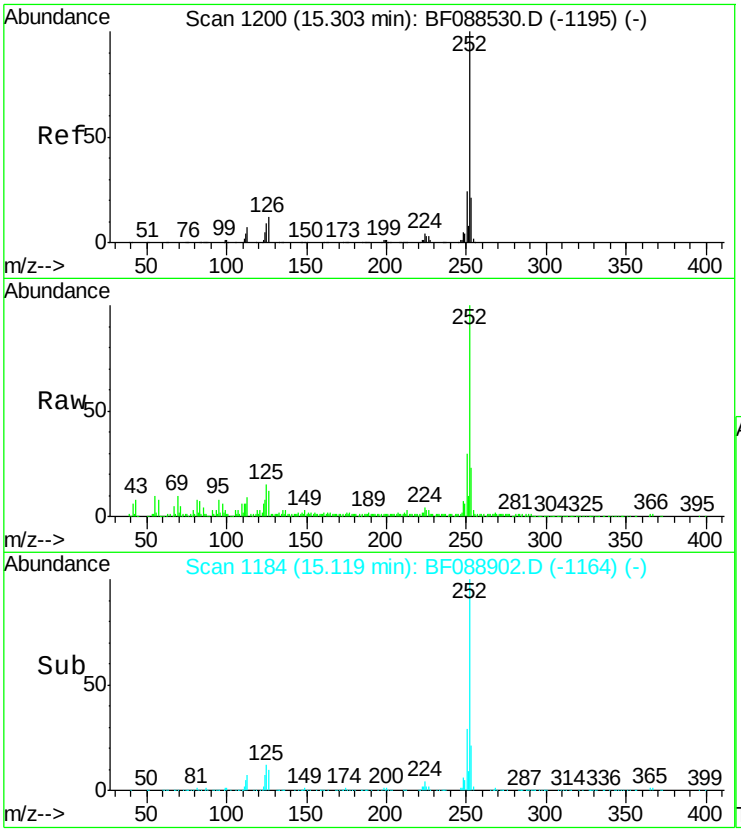


#88
Benzo(k)fluoranthene
Concen: 78.01 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:252 Resp: 490760

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.1	11.2	16.8



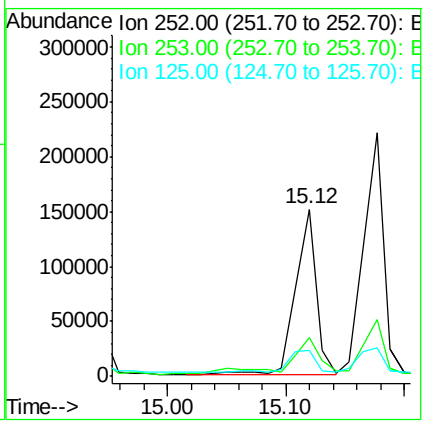


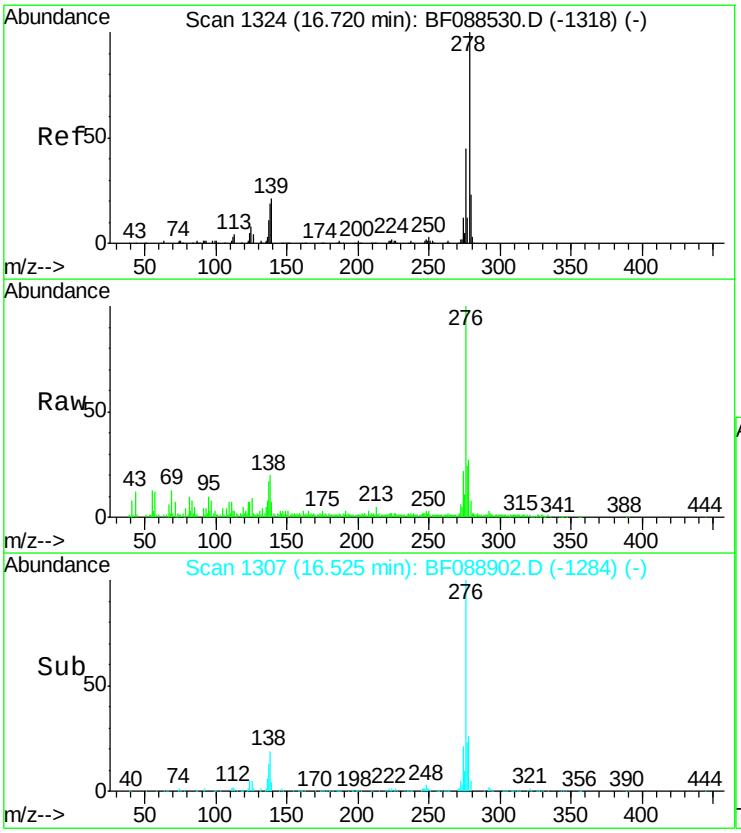
#89
Benzo(a)pyrene
Concen: 30.03 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.07 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 183716

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	15.3	12.5	18.7

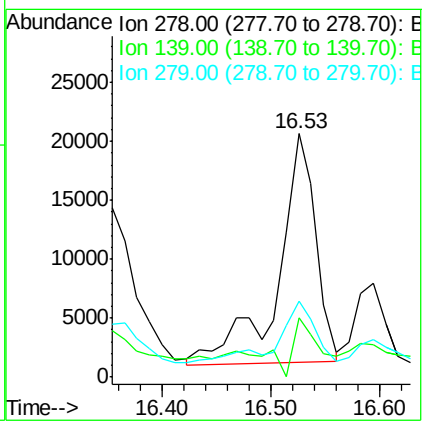


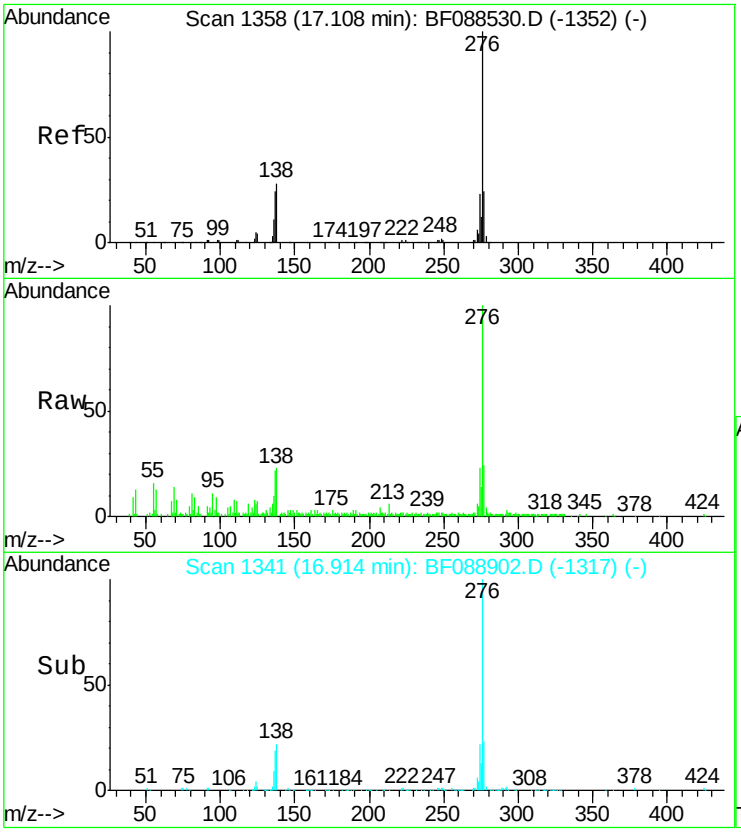


#90
Dibenzo(a,h)anthracene
Concen: 9.21 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Tgt Ion:278 Resp: 47053

Ion	Ratio	Lower	Upper
278	100		
139	24.5	15.7	23.5#
279	31.1	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 24.18 ng
RT: 16.91 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF088902.D
Acq: 11 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 127860

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	22.9	21.4	32.2