Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089191.D
Acq On : 22 Jul 2016 12:11
Operator : UM/SJ
Sample : H4074-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10-COMP

Quant Time: Jul 25 00:49:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	48738	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	213417	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	89712	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	141529	20.00	ng		-0.01
75) Chrysene-d12	13.73	240	86981	20.00	ng		0.00
86) Perylene-d12	15.07	264	112957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	309253	96.50	ng		-0.01
7) Phenol-d6	6.25	99	431676	104.46	ng		-0.02
23) Nitrobenzene-d5	7.16	82	268837	66.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	63948	79.17	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	347122	53.31	ng		-0.02
78) Terphenyl-d14	12.67	244	190523	47.51	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	7571	2.51	ng		85
19) n-Nitroso-di-n-propylamine	7.16	70	35712	13.21	ng	#	77
31) Naphthalene	7.90	128	85617	7.43	ng		100
33) 4-Chloroaniline	7.90	127	11120	2.30	ng	#	39
37) 2-Methylnaphthalene	8.58	142	29884	4.07	ng		96
48) Acenaphthylene	9.47	152	55717	5.77	ng		97
49) Dimethylphthalate	9.35	163	159672	23.19	ng		97
51) Acenaphthene	9.66	154	136523	23.91	ng		99
54) Dibenzofuran	9.83	168	99964	12.96	ng		92
55) 4-Nitrophenol	9.83	139	42672	38.21	ng	#	6
57) Fluorene	10.16	166	115825	17.69	ng		98
66) 4-Bromophenyl-phenylether	10.41	248	4888	3.49	ng	#	1
70) Phenanthrene	11.13	178	1650933	212.65	ng		98
71) Anthracene	11.18	178	367544	45.55	ng		99
72) Carbazole	11.34	167	105900	14.94	ng		99
74) Fluoranthene	12.32	202	1838772	225.32	ng		99
77) Pyrene	12.55	202	1817625	253.03	ng		98
79) Butylbenzylphthalate	13.15	149	20431	6.72	ng		92
80) Benzo(a)anthracene	13.73	228	919296	165.94	ng		98
82) Chrysene	13.76	228	717201	135.54	ng		96
83) Bis(2-ethylhexyl)phthalate	13.73	149	24297	6.03	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.32	276	455058	118.40	ng		96
87) Benzo(b)fluoranthene	14.73	252	1311050	160.25	ng		98
88) Benzo(k)fluoranthene	14.73	252	1311050	224.10	ng	#	94
89) Benzo(a)pyrene	15.04	252	765321	120.50	ng		96
90) Dibenzo(a,h)anthracene	16.32	278	101990	20.34	ng	#	81
91) Benzo(g,h,i)perylene	16.69	276	420196	83.11	ng		95

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

Quantitation Report (Not Reviewed)

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Acq On : 22 Jul 2016 12:11
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Misc :
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Instrument :
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SB-10-COMP

Quant Time: Jul 25 00:49:19 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
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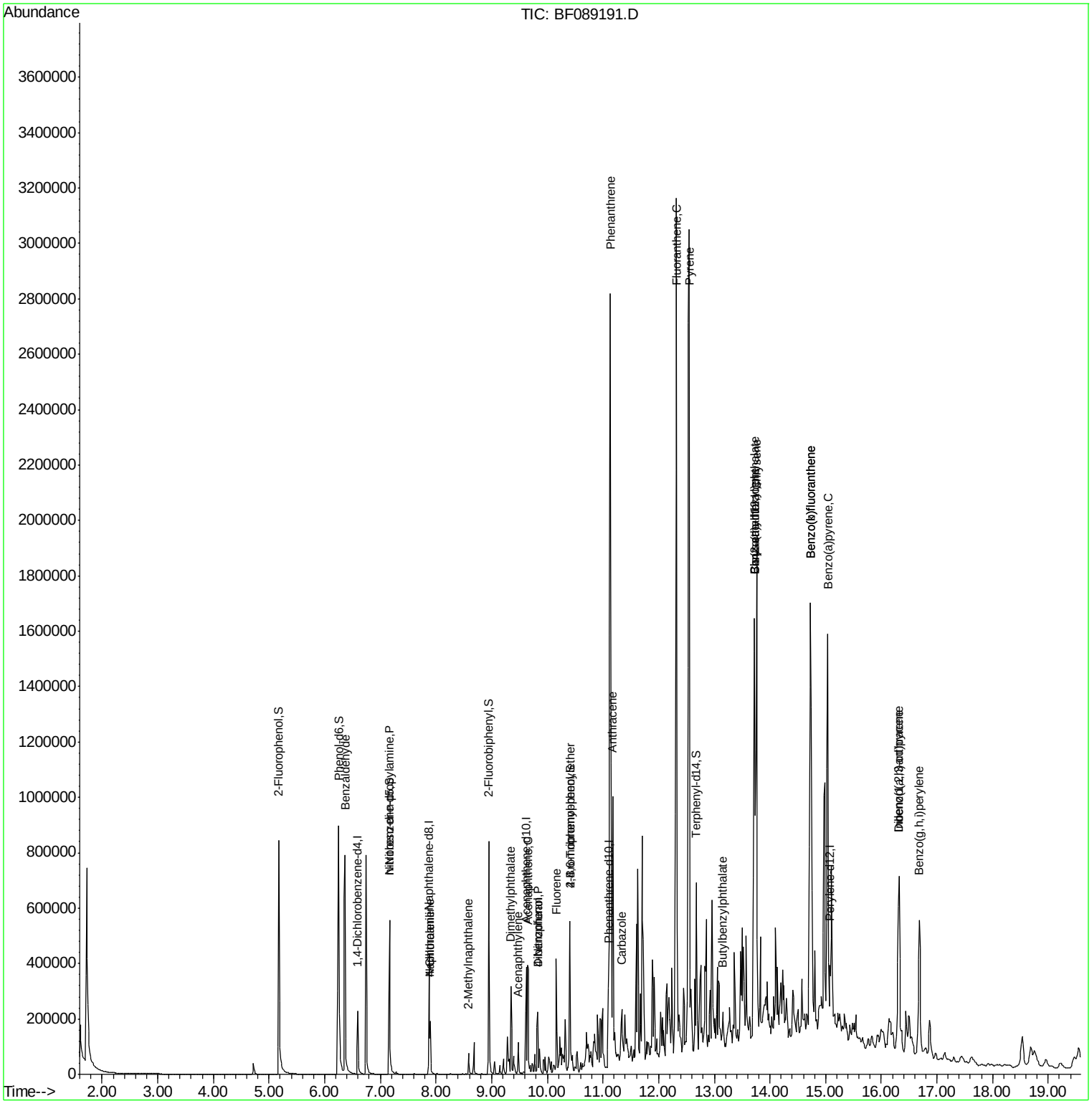
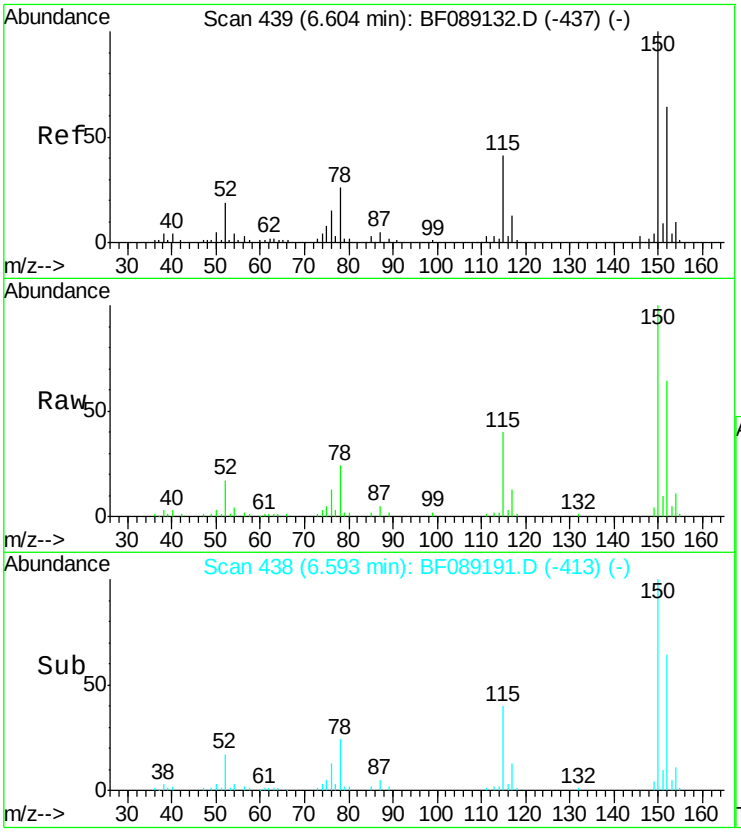


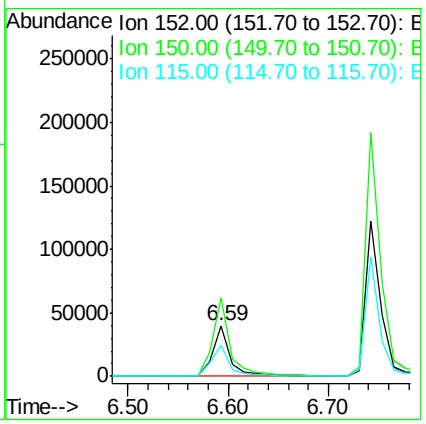


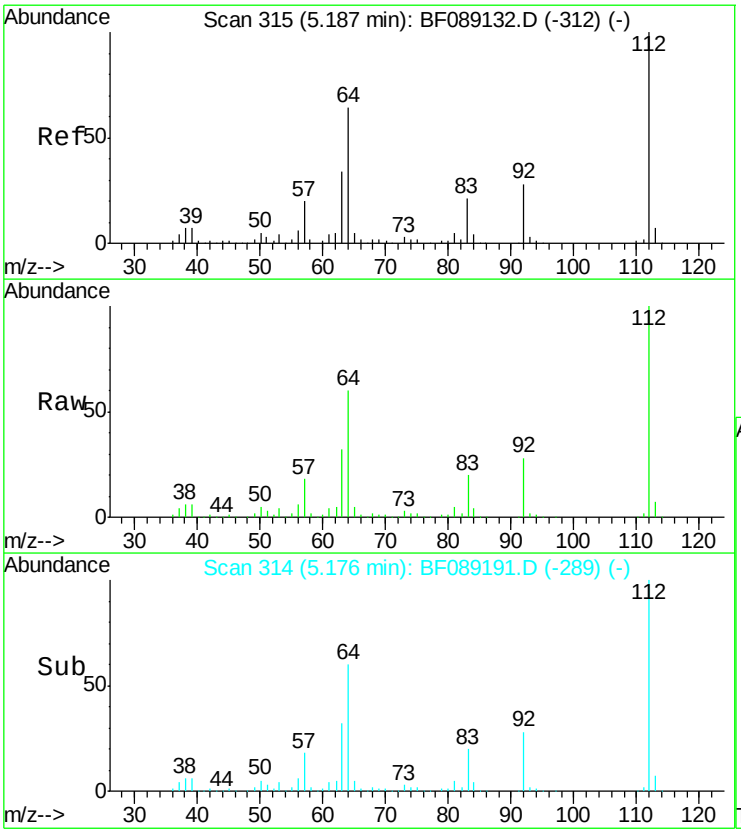
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:152 Resp: 48738

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.1	187.7
115	61.6	51.1	76.7

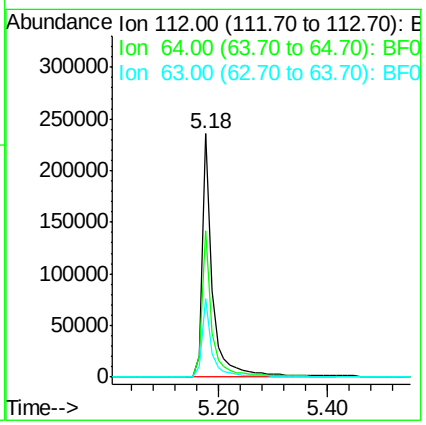


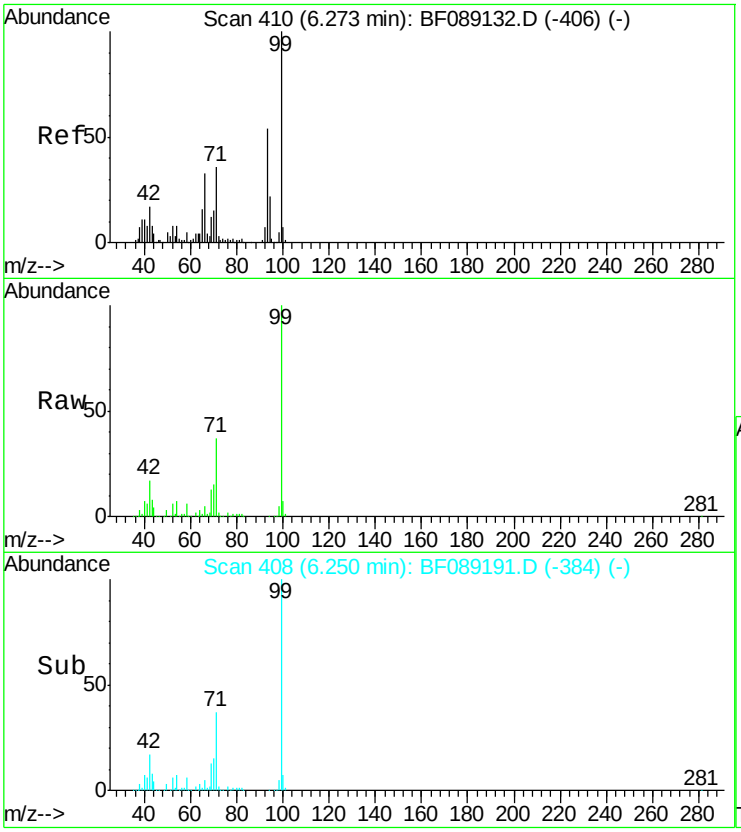


#5
2-Fluorophenol
Concen: 96.50 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:112 Resp: 309253

Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.0	76.4
63	32.2	27.3	40.9



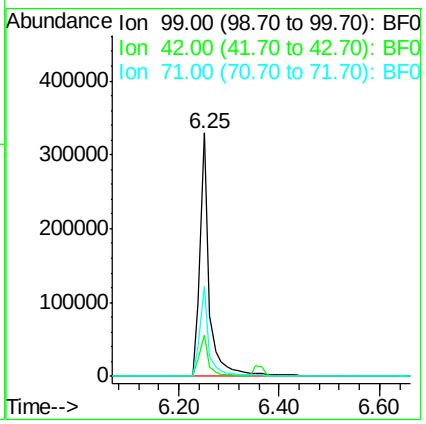


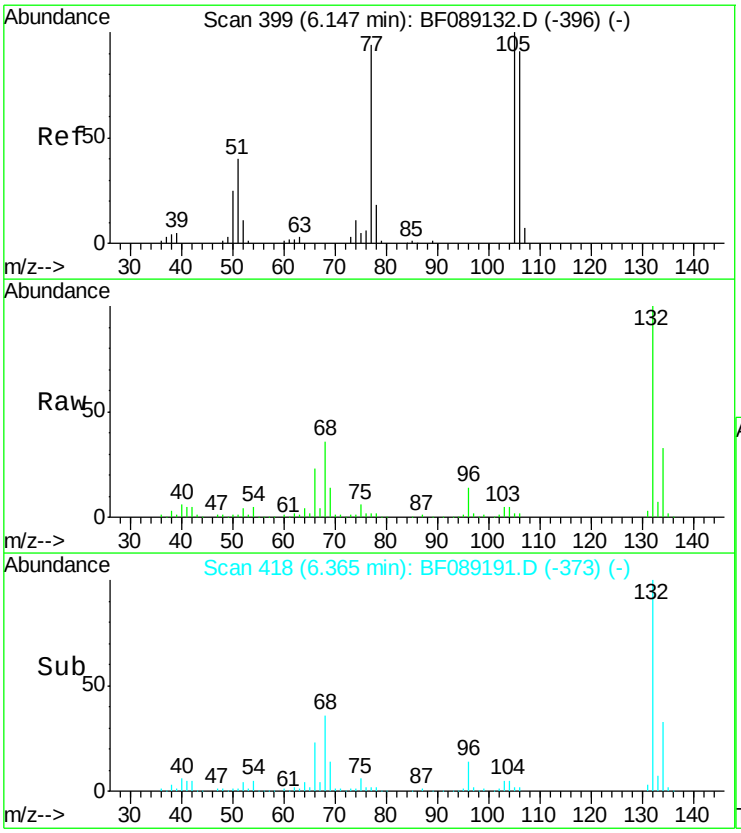
#7
Phenol-d6
Concen: 104.46 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion: 99 Resp: 431676

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	37.2	28.9	43.3

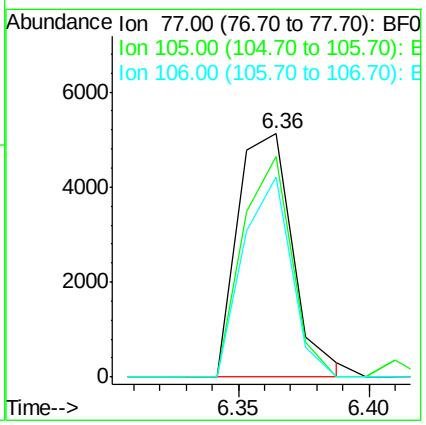


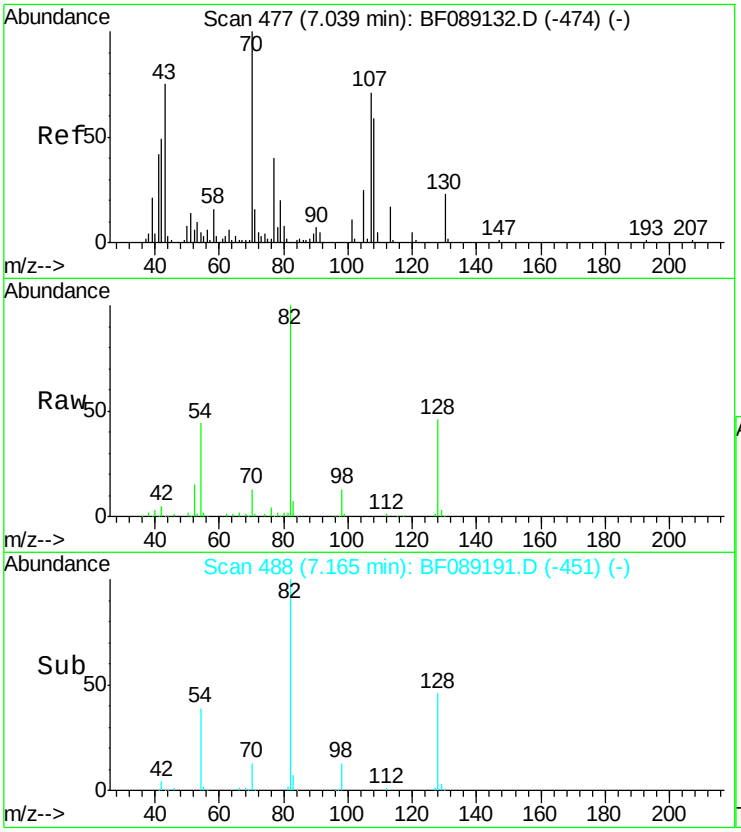


#9
Benzaldehyde
Concen: 2.51 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.22 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion: 77 Resp: 7571

Ion	Ratio	Lower	Upper
77	100		
105	90.5	86.2	126.2
106	82.3	76.3	116.3



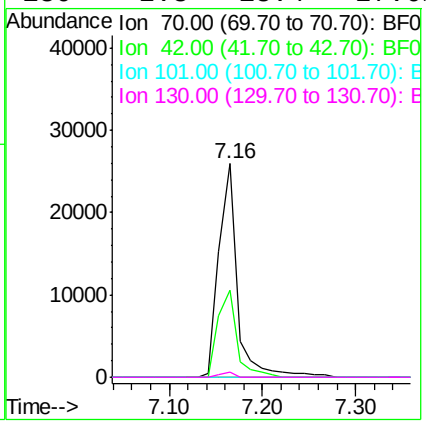


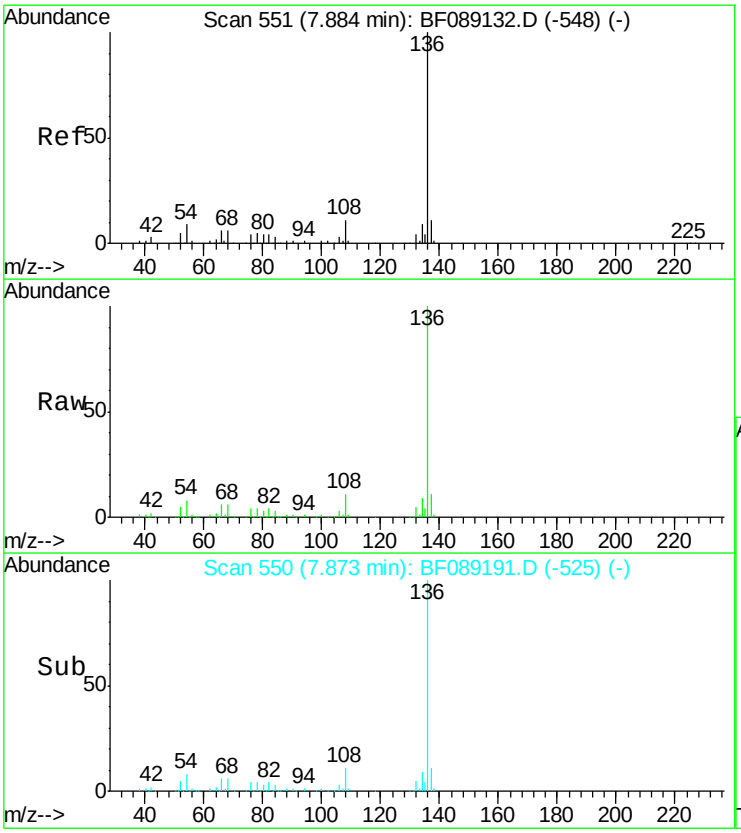
#19
n-Nitroso-di-n-propylamine
Concen: 13.21 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion: 70 Resp: 35712

Ion	Ratio	Lower	Upper
70	100		
42	40.5	39.2	58.8
101	0.0	8.5	12.7#
130	2.3	18.4	27.6#

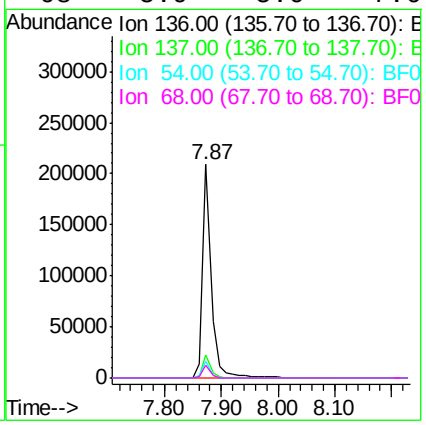


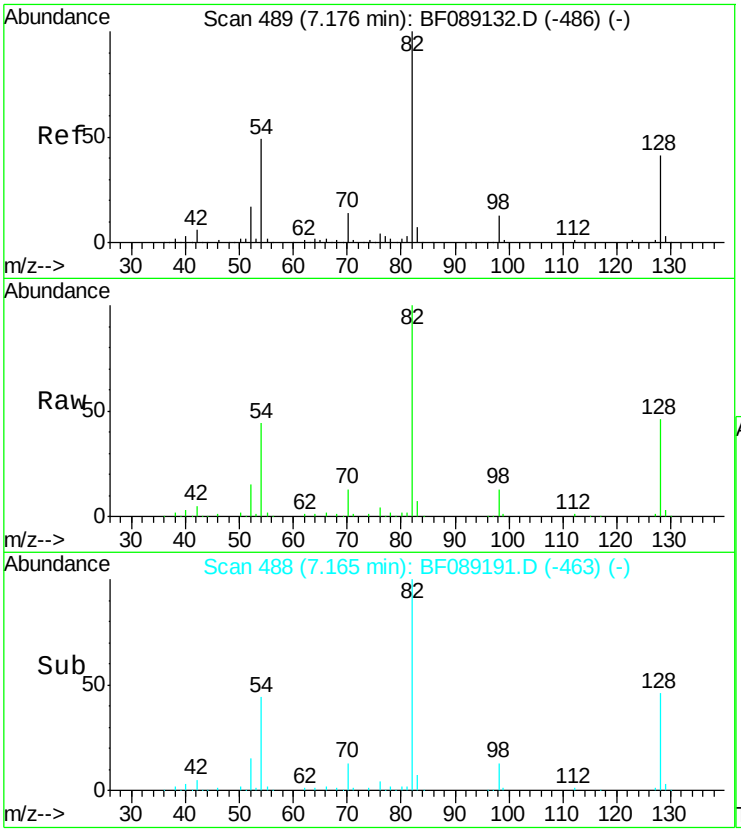


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:136 Resp: 213417

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	7.0	10.4
68	5.9	5.0	7.6



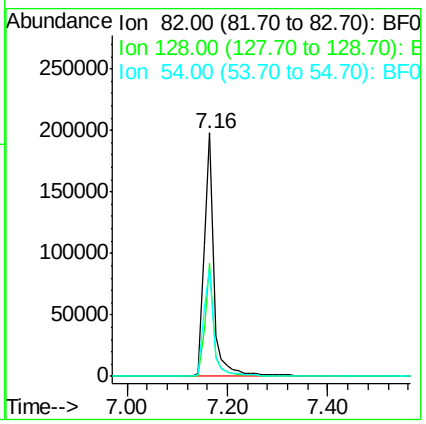


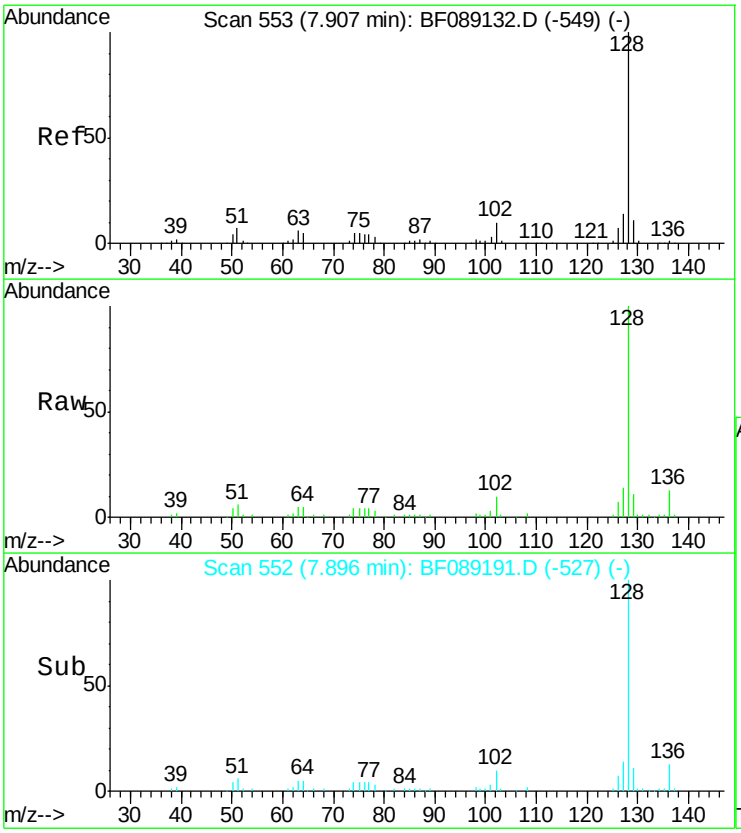
#23
Nitrobenzene-d5
Concen: 66.93 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion: 82 Resp: 268837

Ion	Ratio	Lower	Upper
82	100		
128	46.4	33.0	49.6
54	44.1	39.0	58.4

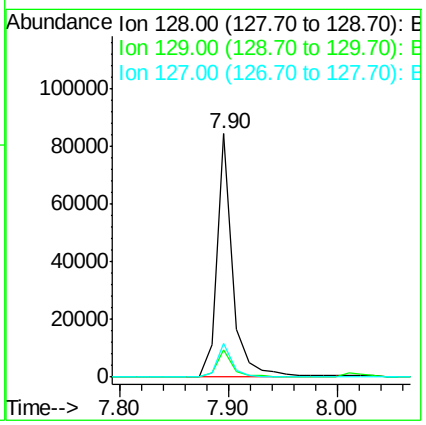


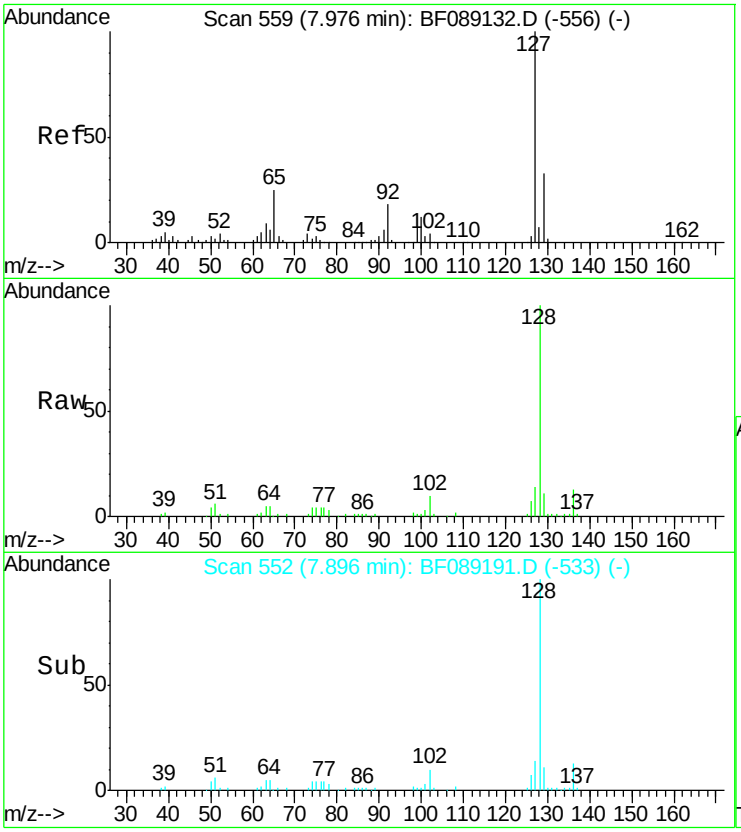


#31
Naphthalene
Concen: 7.43 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:128 Resp: 85617

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.8	10.8	16.2



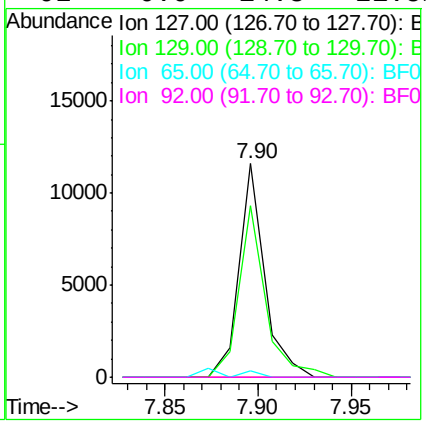


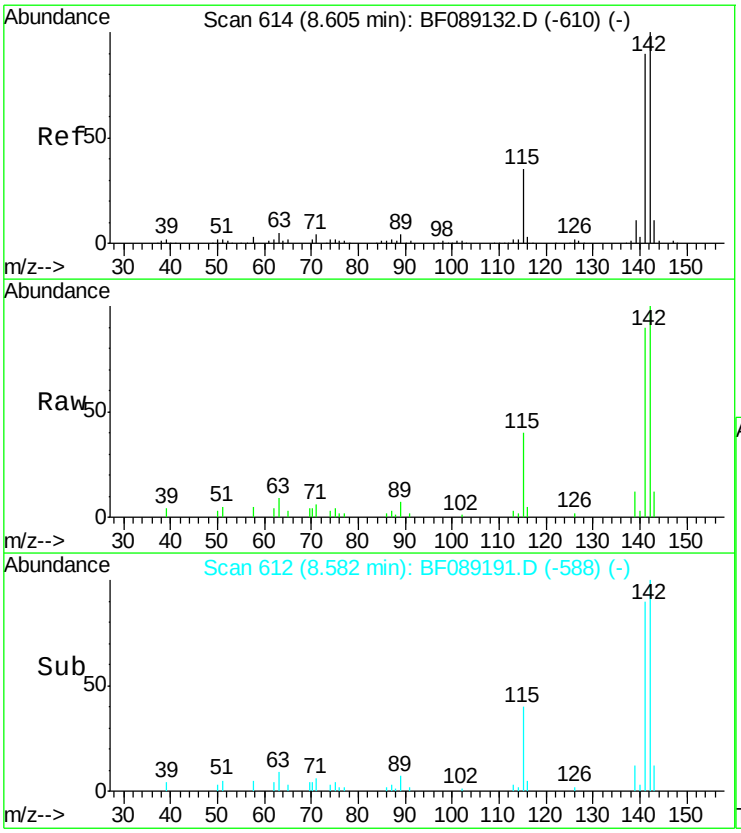
#33
4-Chloroaniline
Concen: 2.30 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.08 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:127 Resp: 11120

Ion	Ratio	Lower	Upper
127	100		
129	80.3	25.9	38.9#
65	2.8	19.7	29.5#
92	0.0	14.3	21.5#

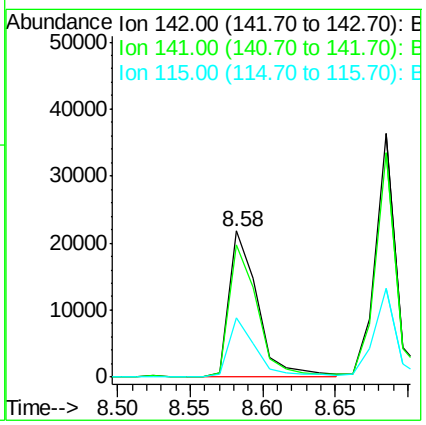


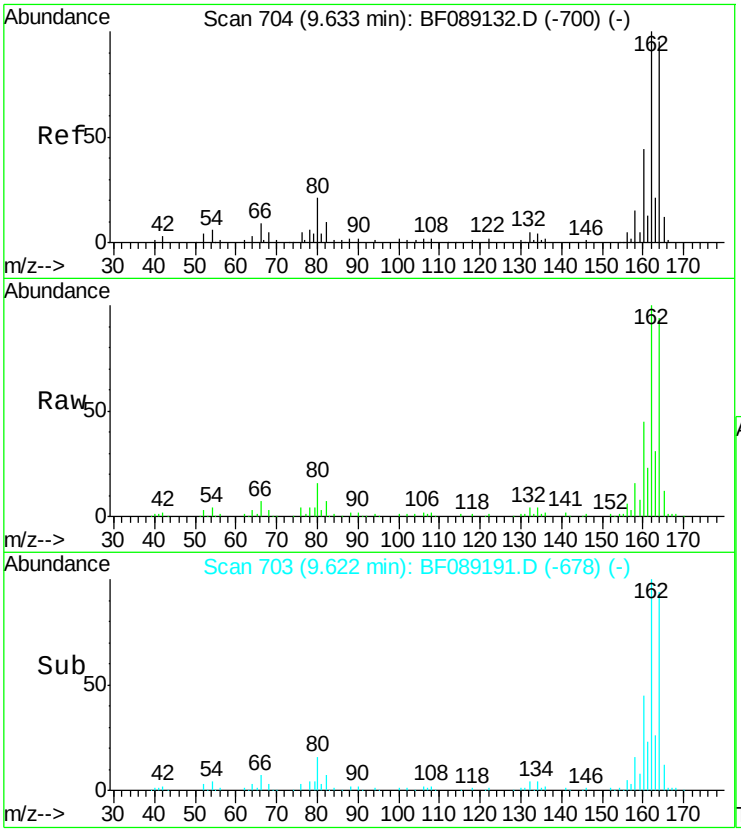


#37
2-Methylnaphthalene
Concen: 4.07 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:142 Resp: 29884

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.6	107.4
115	40.4	27.6	41.4



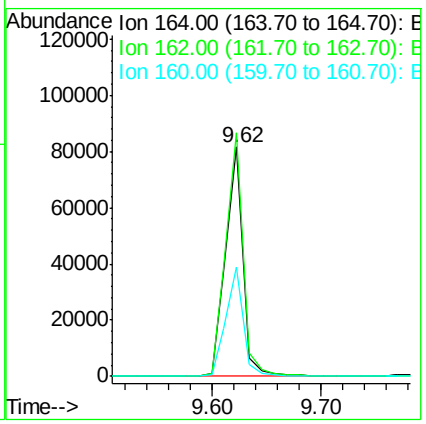


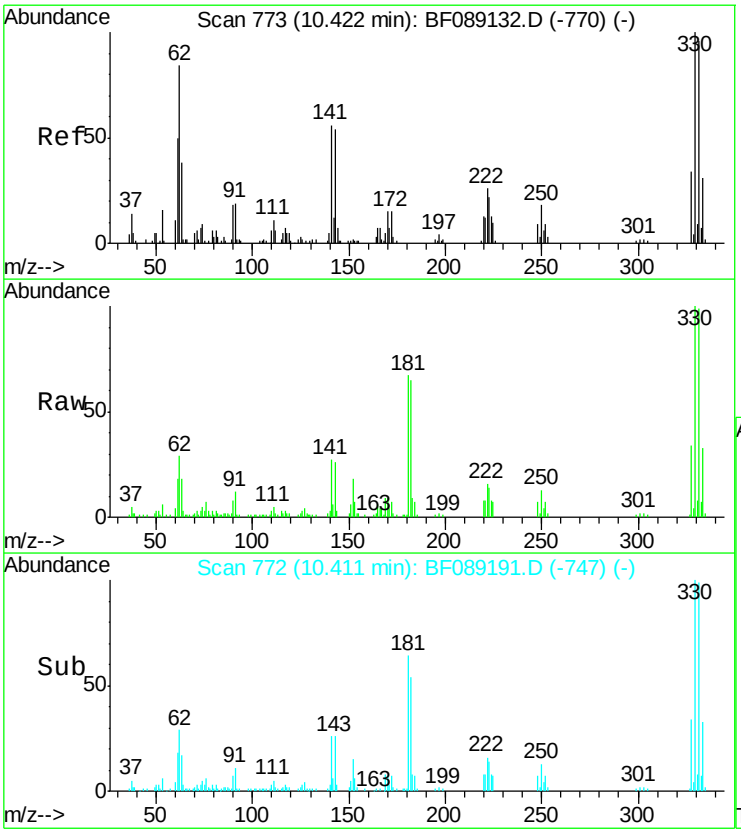
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:164 Resp: 89712

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.1	126.1
160	47.6	37.1	55.7

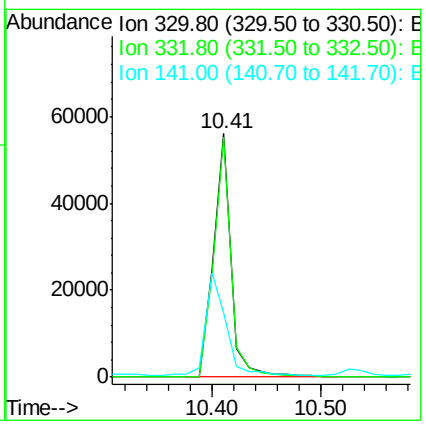


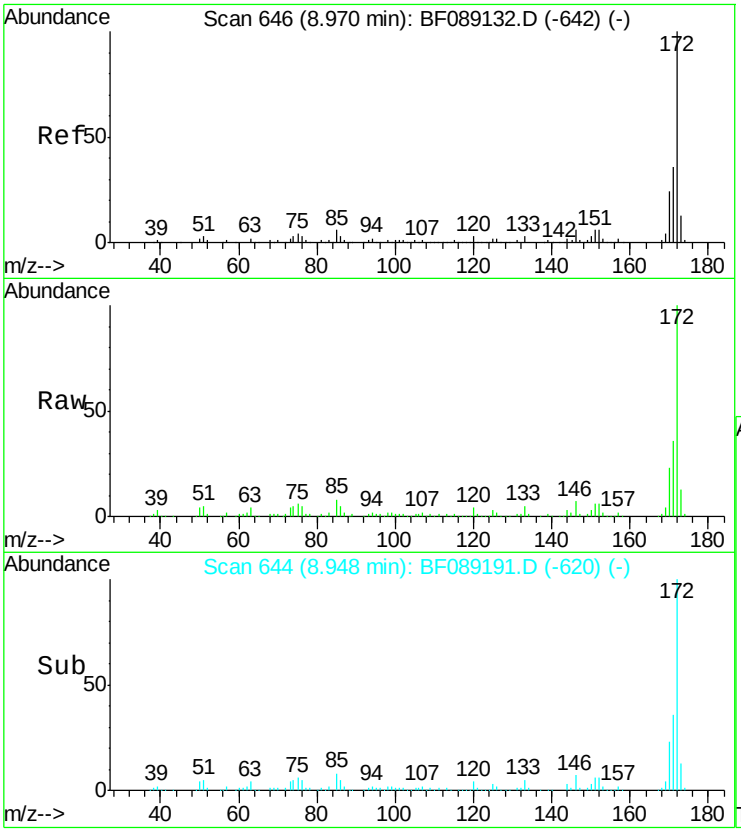


#41
2,4,6-Tribromophenol
Concen: 79.17 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:330 Resp: 63948

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.2	115.8
141	50.3	42.2	63.2



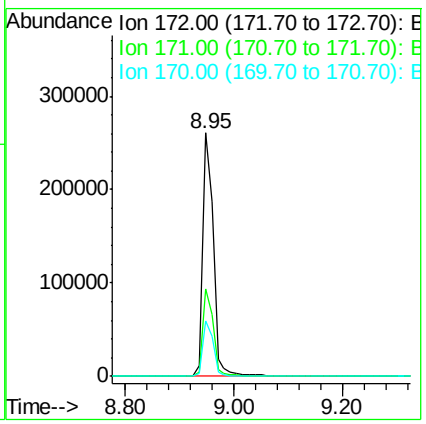


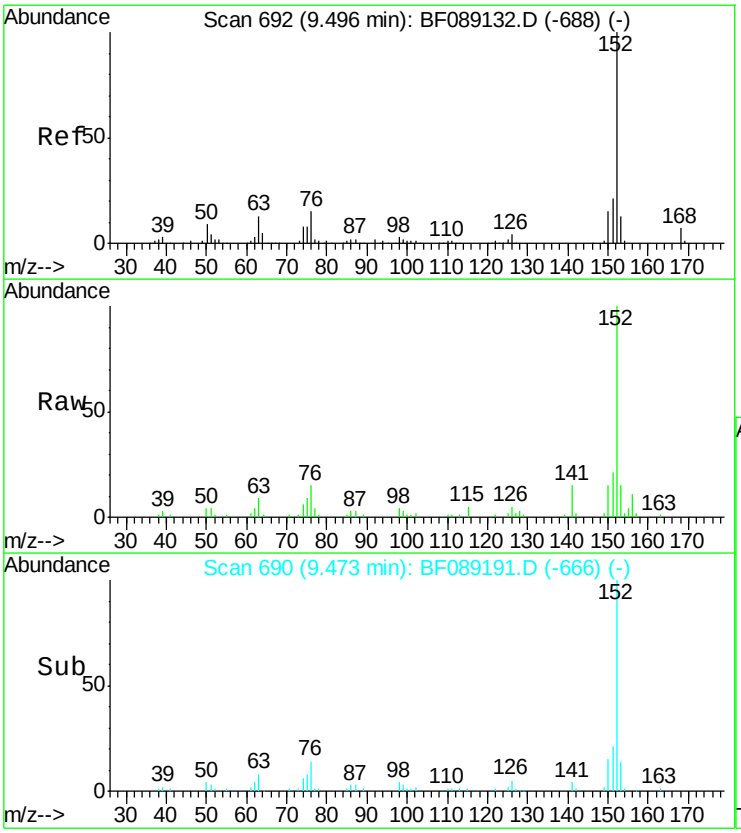
#44
2-Fluorobiphenyl
Concen: 53.31 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:172 Resp: 347122

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.0	19.1	28.7

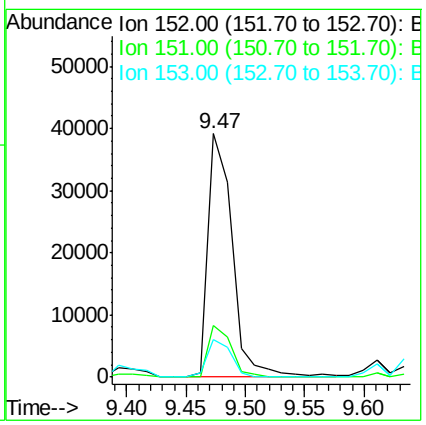


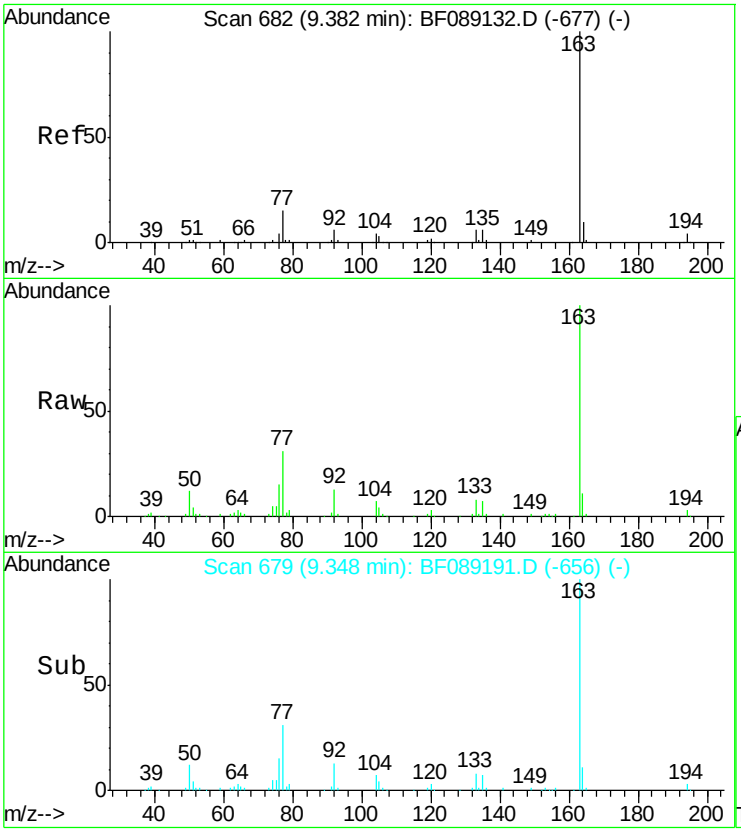


#48
Acenaphthylene
Concen: 5.77 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:152 Resp: 55717

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.5	24.7
153	15.5	10.7	16.1



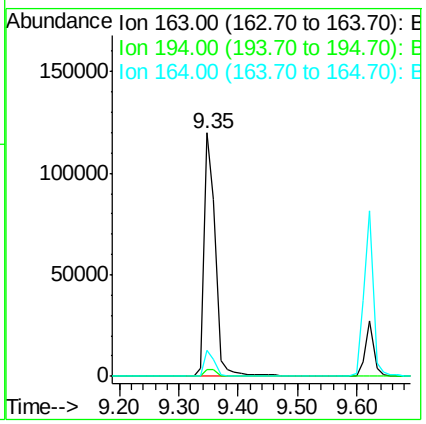


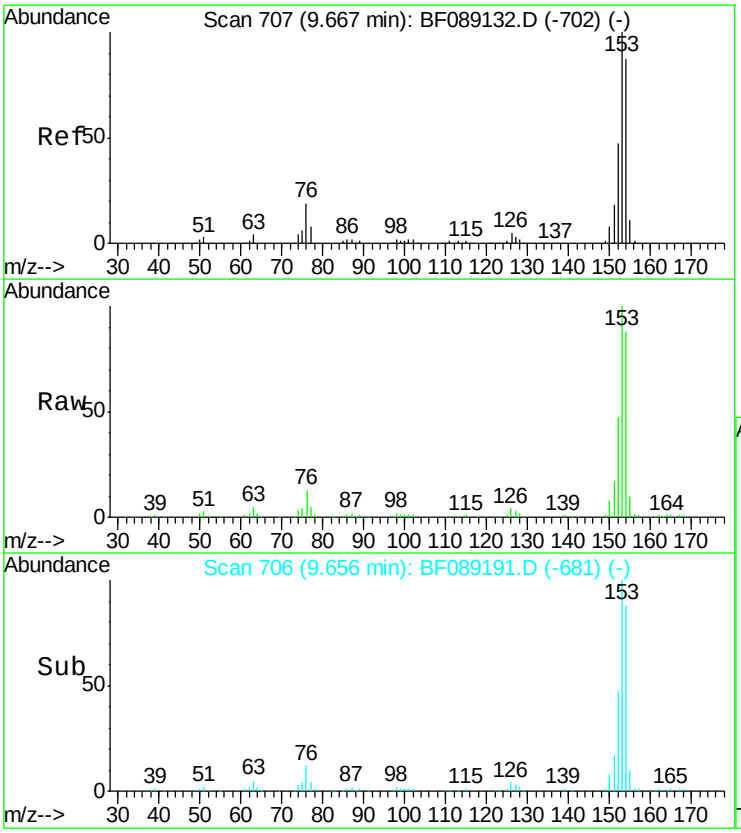
#49
Dimethylphthalate
Concen: 23.19 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:163 Resp: 159672

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.9	4.3
164	10.6	7.6	11.4

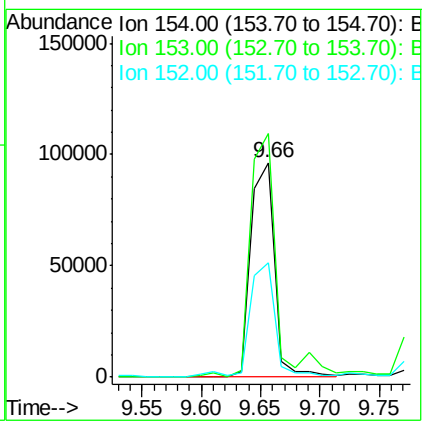


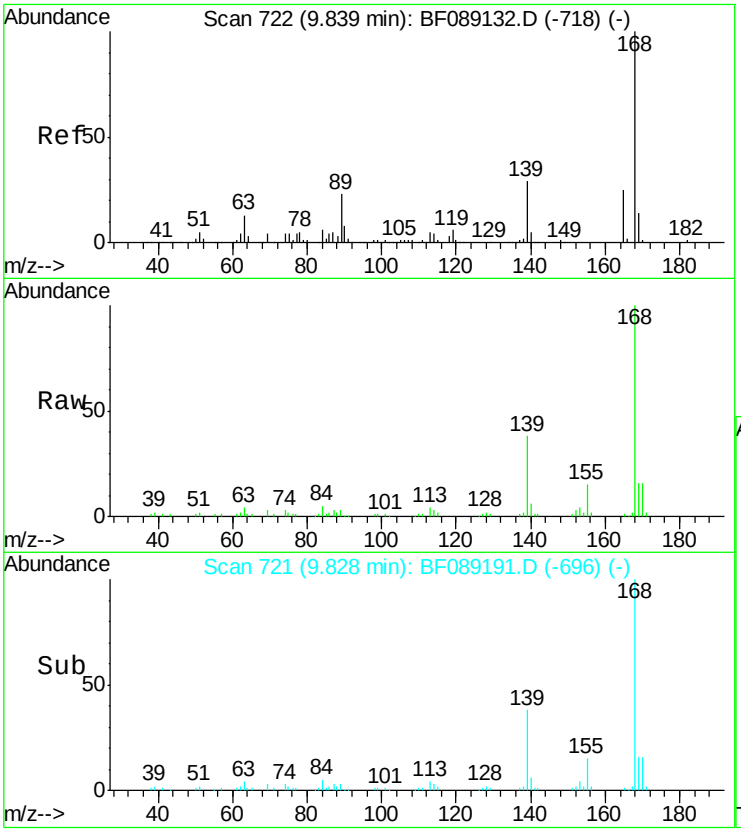


#51
Acenaphthene
Concen: 23.91 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:154 Resp: 136523

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.9	137.9
152	53.0	42.8	64.2



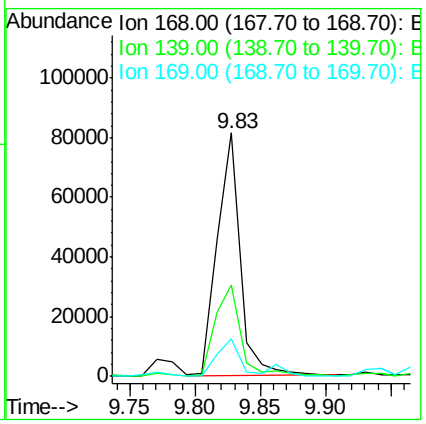


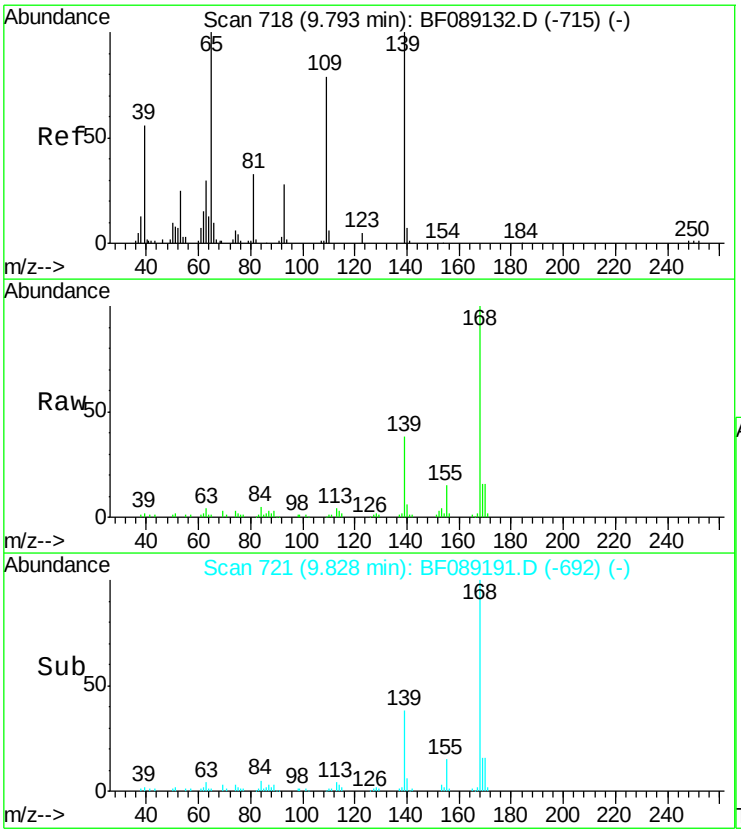
#54
Dibenzofuran
Concen: 12.96 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:168 Resp: 99964

Ion	Ratio	Lower	Upper
168	100		
139	37.7	34.4	51.6
169	15.5	10.8	16.2

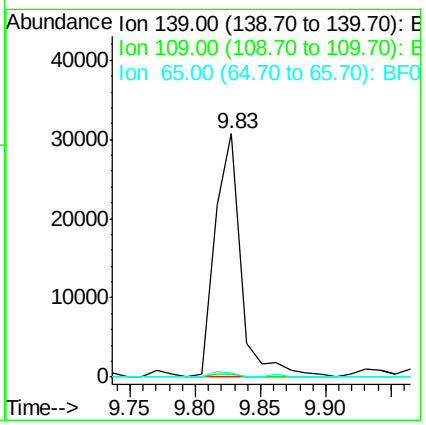


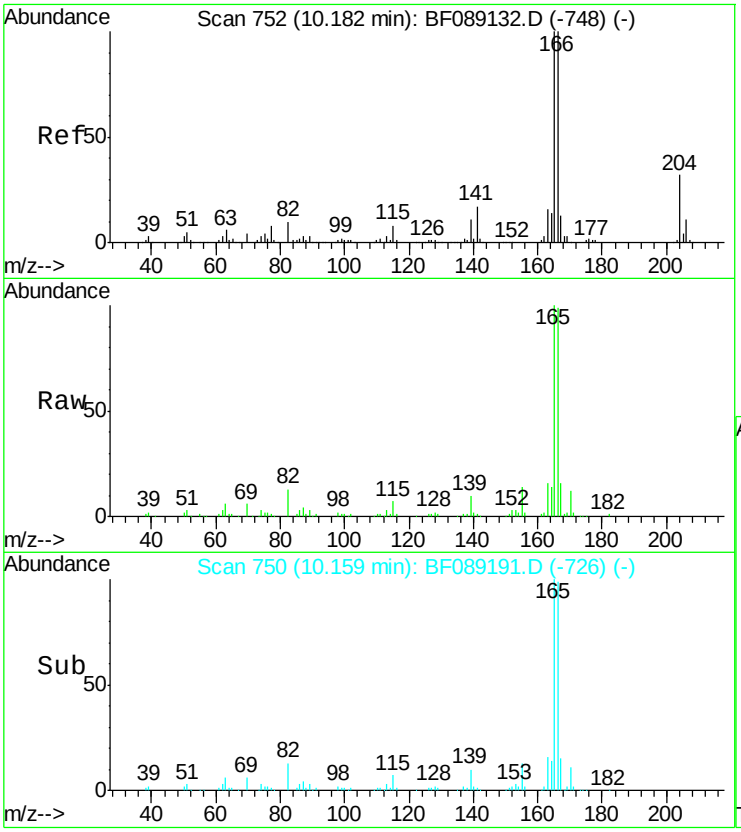


#55
4-Nitrophenol
Concen: 38.21 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.03 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:139 Resp: 42672

Ion	Ratio	Lower	Upper
139	100		
109	1.0	58.7	98.7#
65	1.9	80.2	120.2#



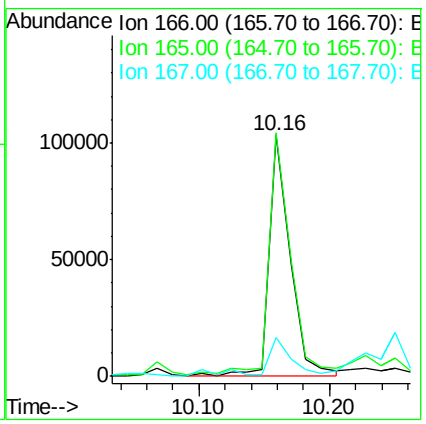


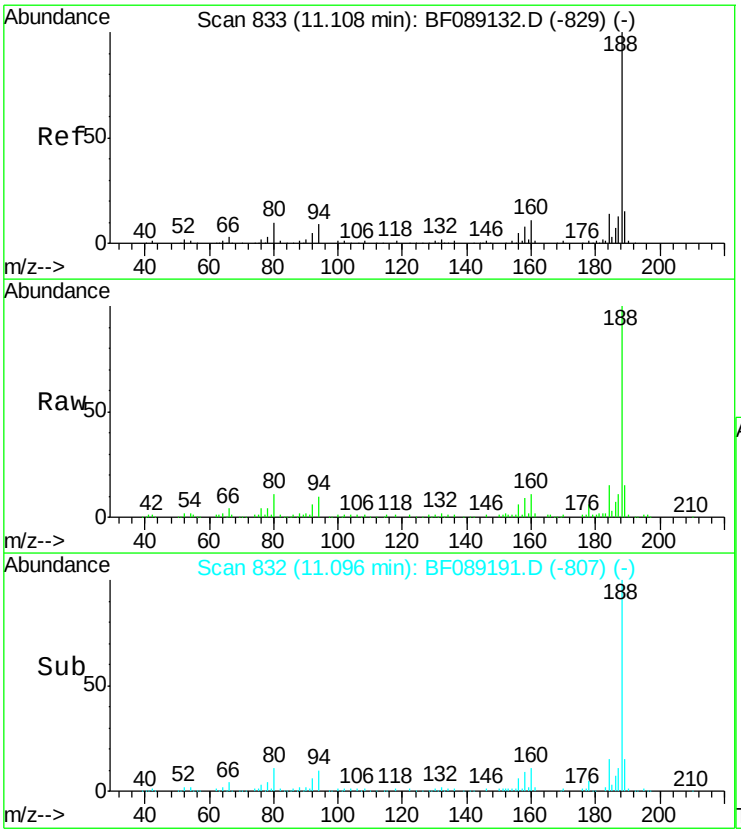
#57
Fluorene
Concen: 17.69 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:166 Resp: 115825

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.9	119.9
167	15.9	10.7	16.1

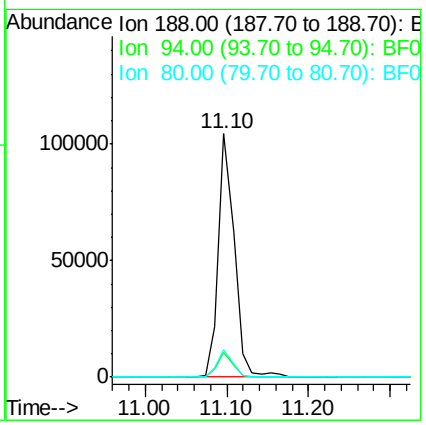


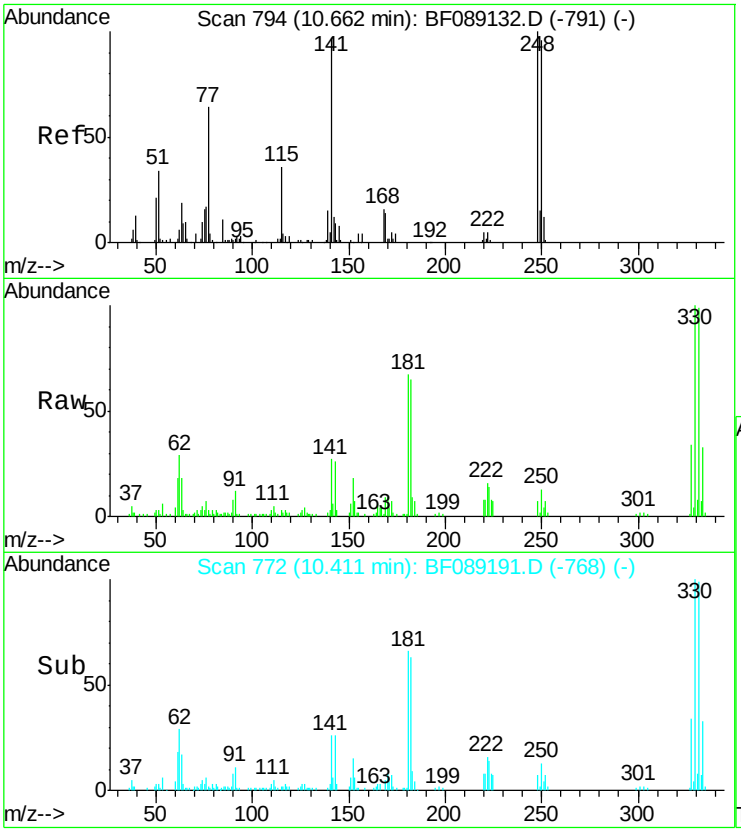


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:188 Resp: 141529

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.0	10.4
80	11.4	7.7	11.5



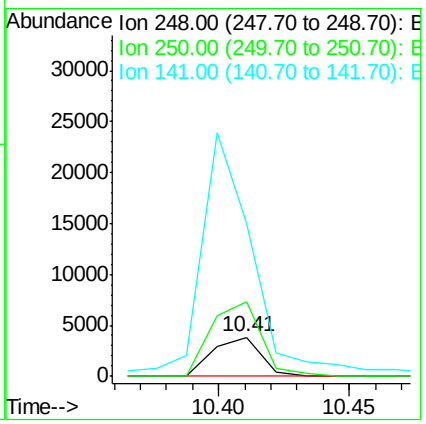


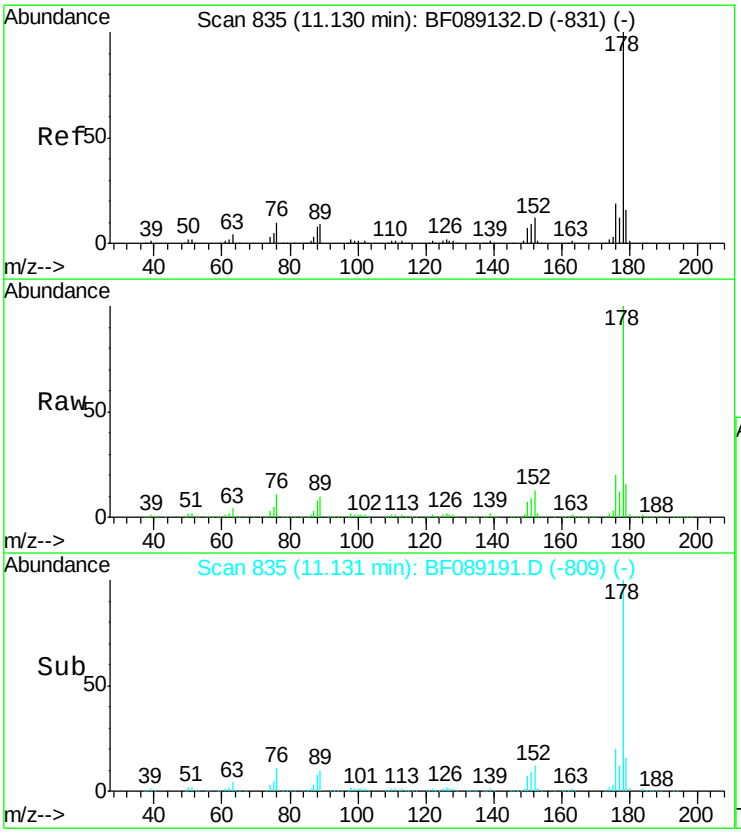
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.25 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:248 Resp: 4888

Ion	Ratio	Lower	Upper
248	100		
250	193.1	76.9	115.3#
141	392.0	77.4	116.2#

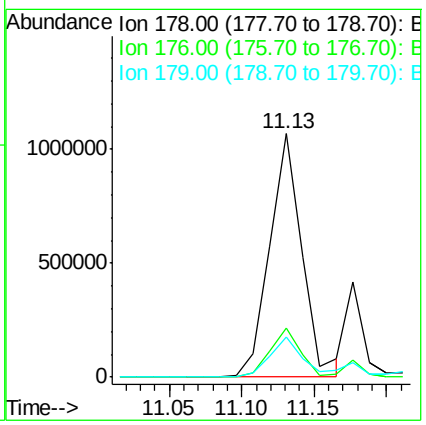


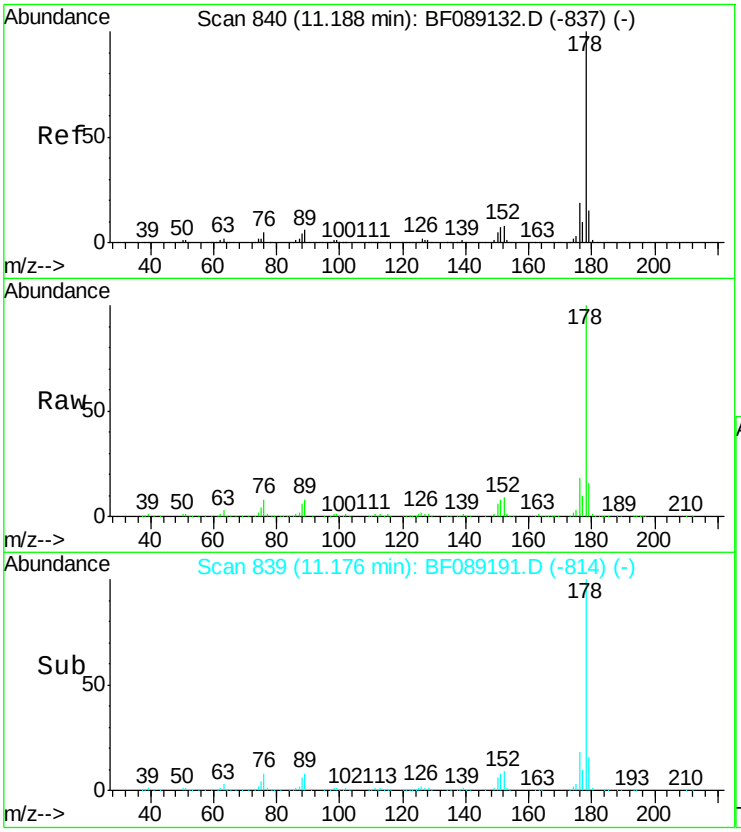


#70
Phenanthrene
Concen: 212.65 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:178 Resp: 1650933

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	16.4	12.4	18.6



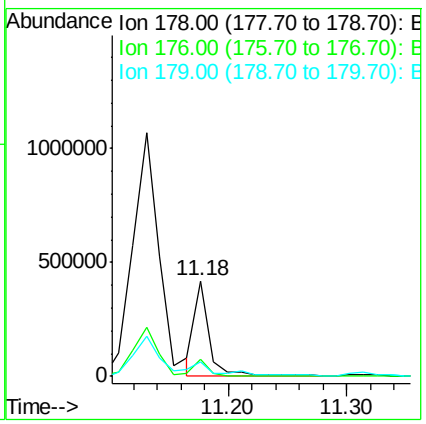


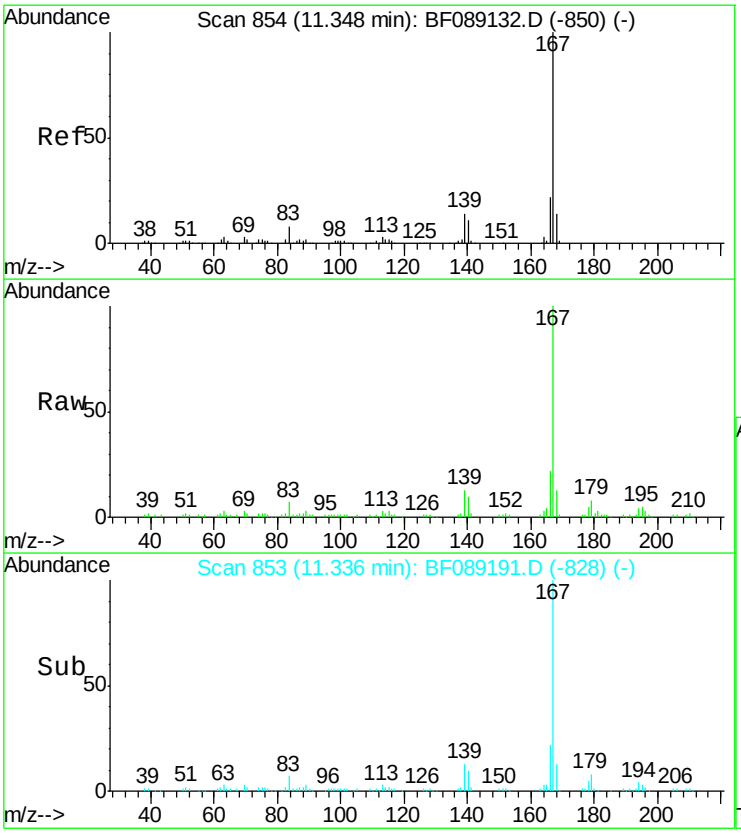
#71
Anthracene
Concen: 45.55 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:178 Resp: 367544

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.8	12.0	18.0

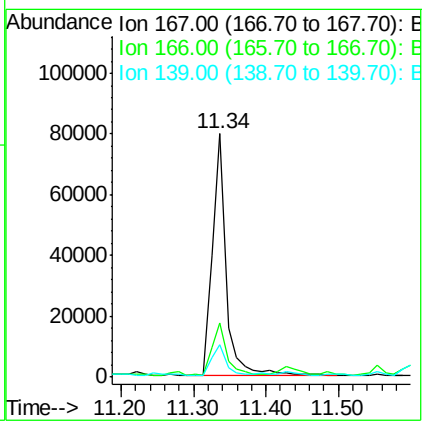


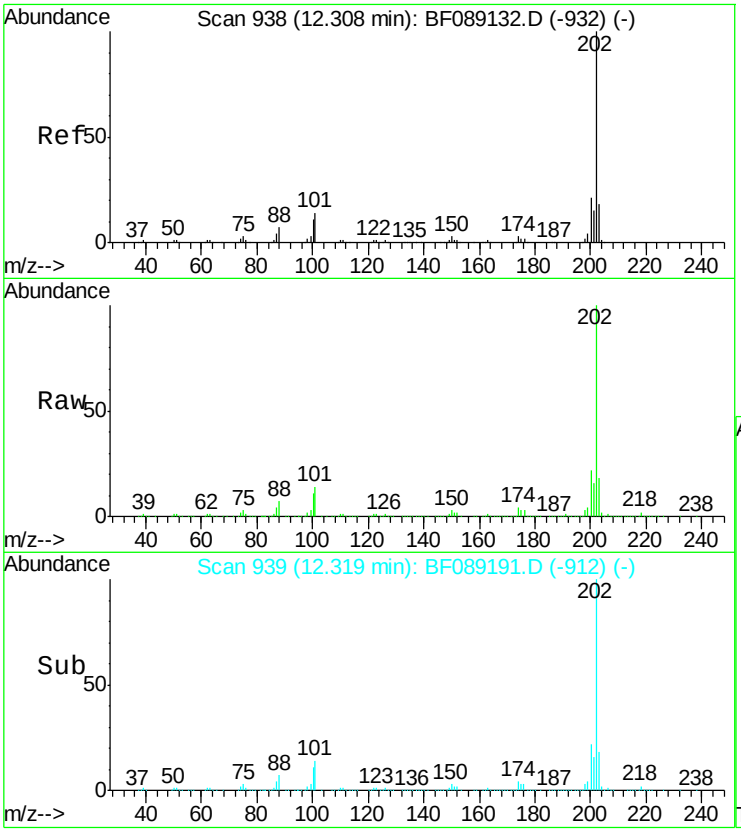


#72
Carbazole
Concen: 14.94 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:167 Resp: 105900

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	13.2	11.0	16.4



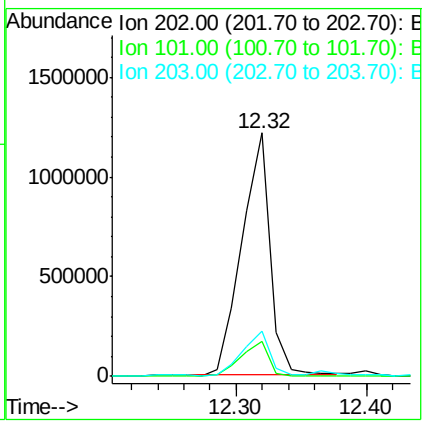


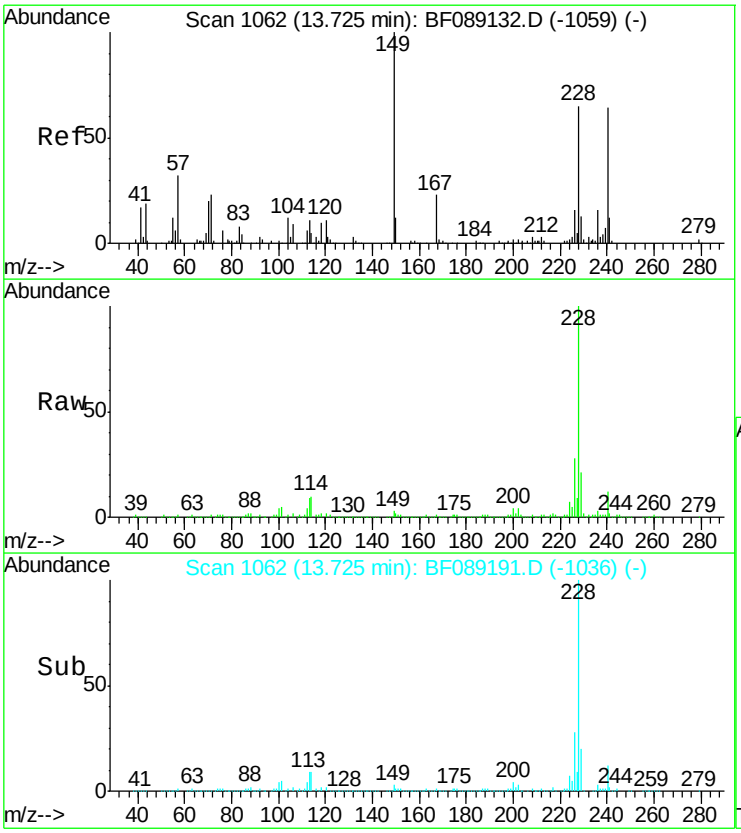
#74
Fluoranthene
Concen: 225.32 ng
RT: 12.32 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:202 Resp: 1838772

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.0
203	18.5	0.0	37.8

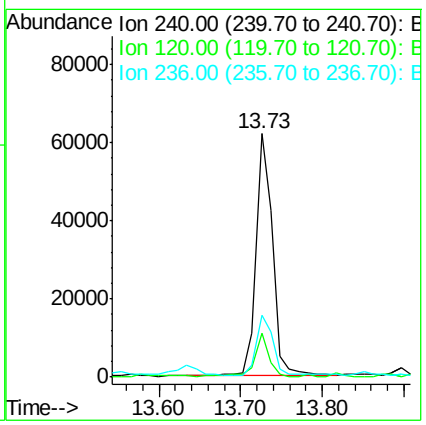


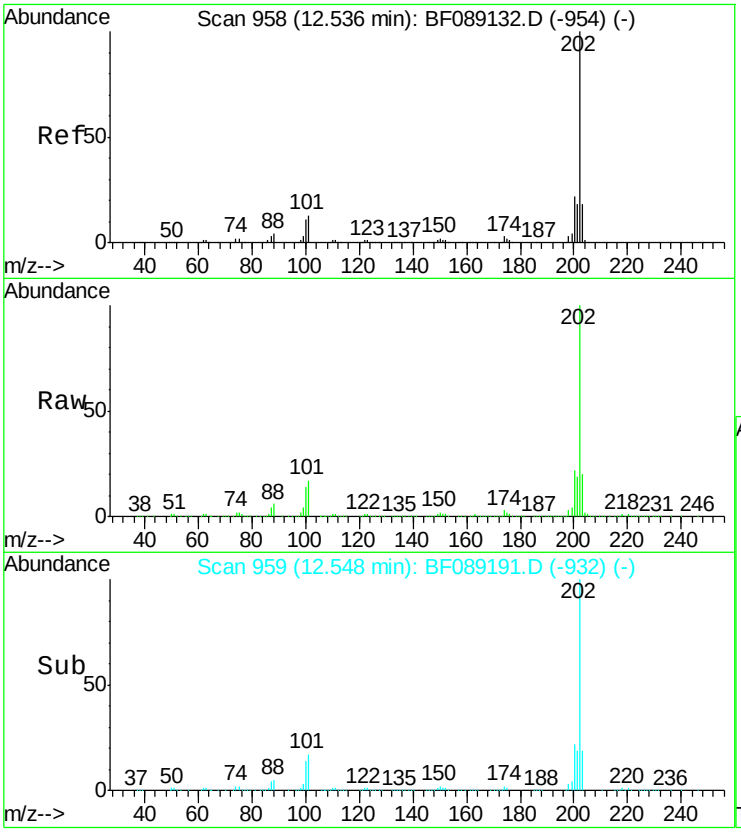


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:240 Resp: 86981

Ion	Ratio	Lower	Upper
240	100		
120	18.1	13.6	20.4
236	25.5	20.5	30.7



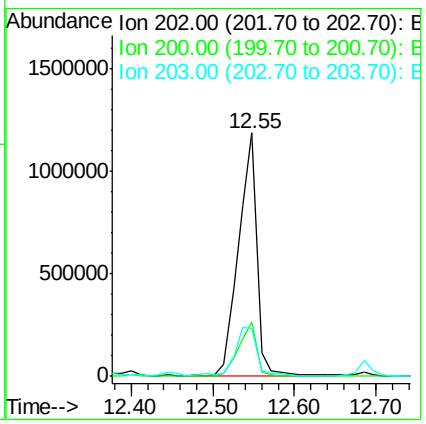


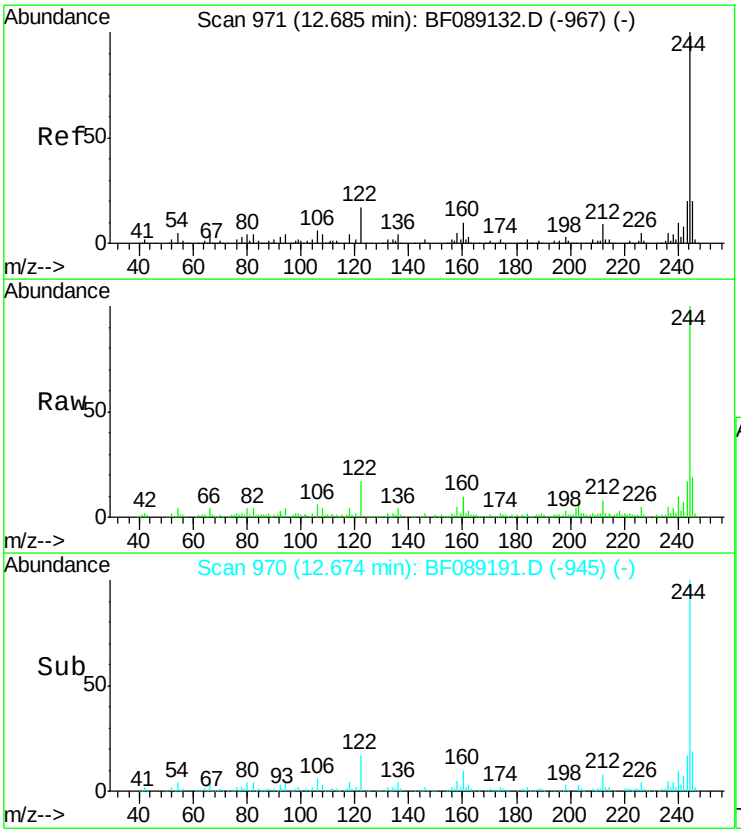
#77
Pyrene
Concen: 253.03 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:202 Resp: 1817625

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.0
203	19.5	14.2	21.2

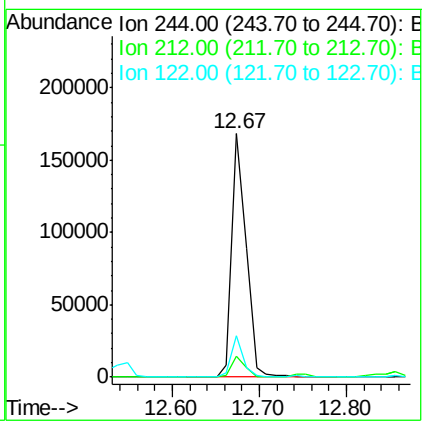


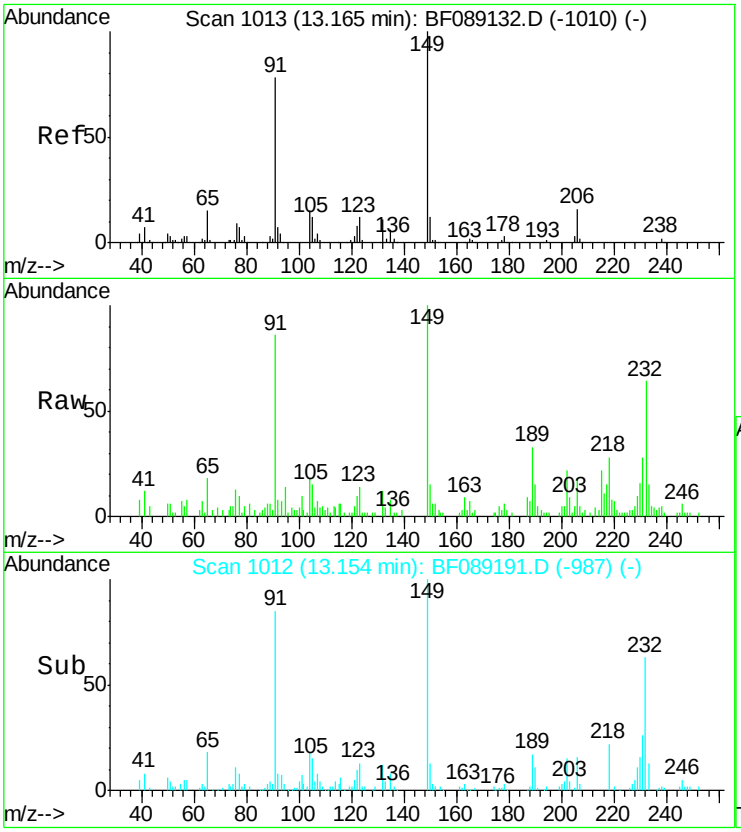


#78
Terphenyl-d14
Concen: 47.51 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:244 Resp: 190523

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	16.9	13.8	20.8



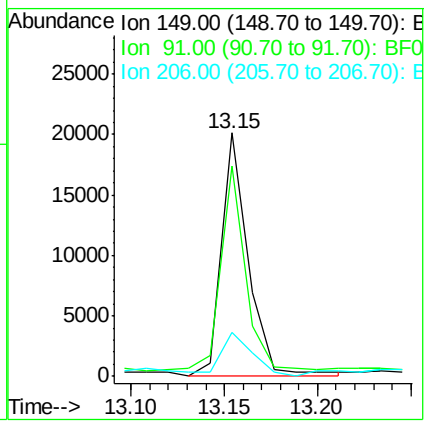


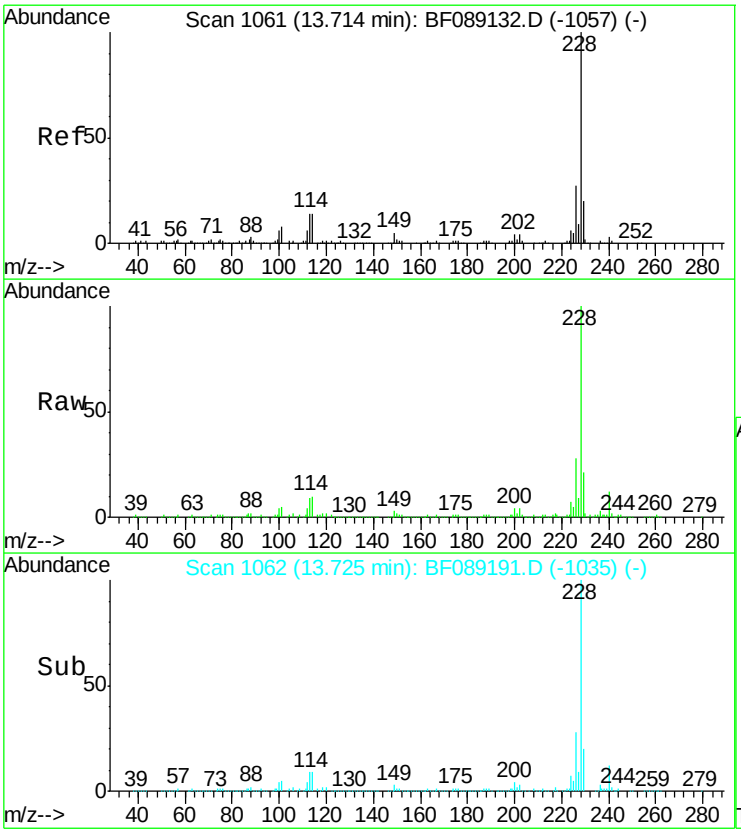
#79
Butylbenzylphthalate
Concen: 6.72 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:149 Resp: 20431

Ion	Ratio	Lower	Upper
149	100		
91	86.3	62.6	93.8
206	18.2	13.2	19.8

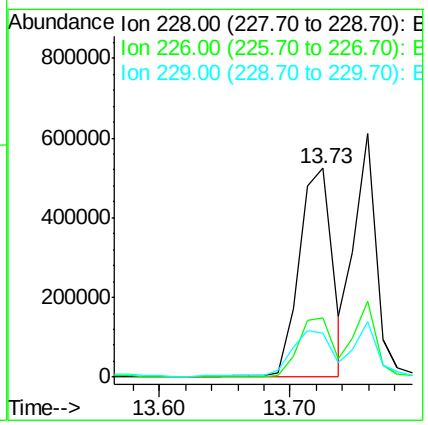


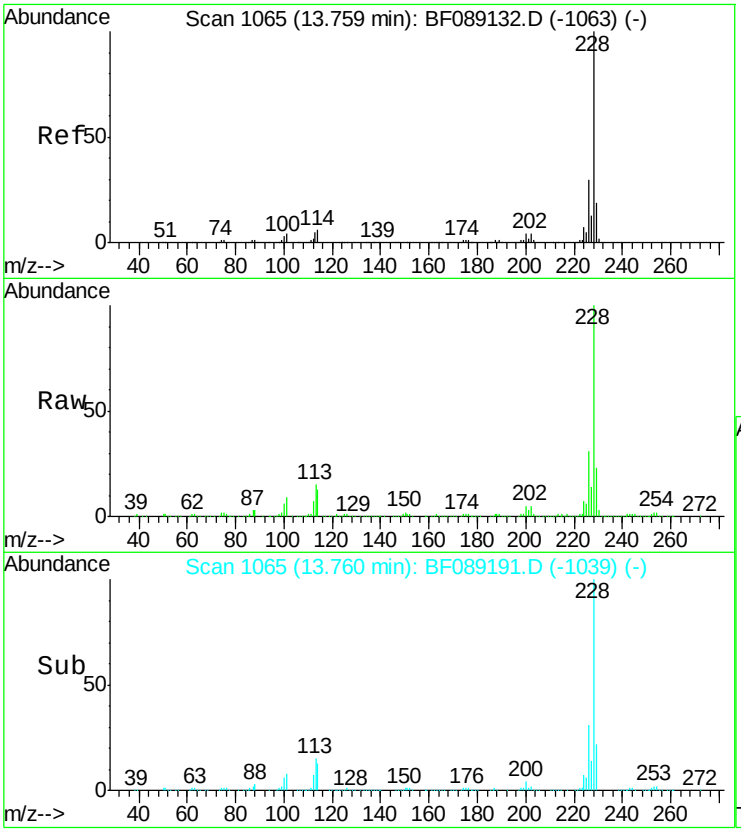


#80
Benzo(a)anthracene
Concen: 165.94 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:228 Resp: 919296

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	21.1	15.8	23.8



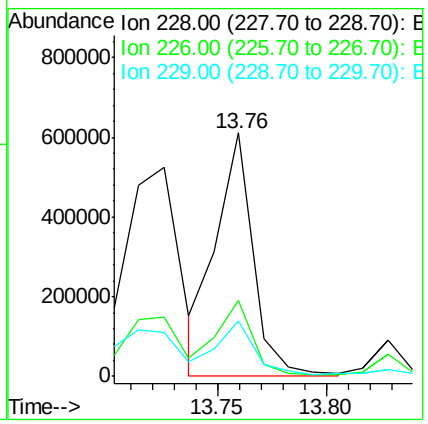


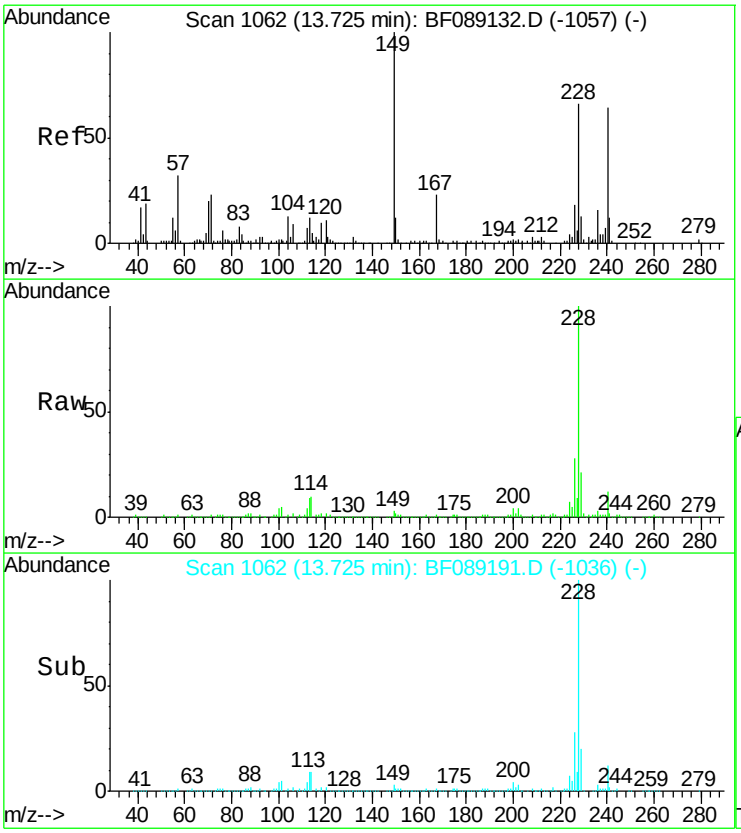
#82
Chrysene
Concen: 135.54 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:228 Resp: 717201

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	22.7	15.4	23.0

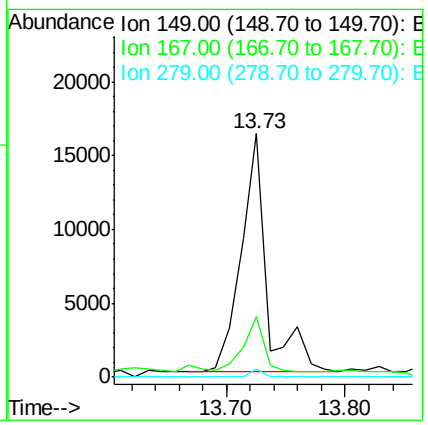


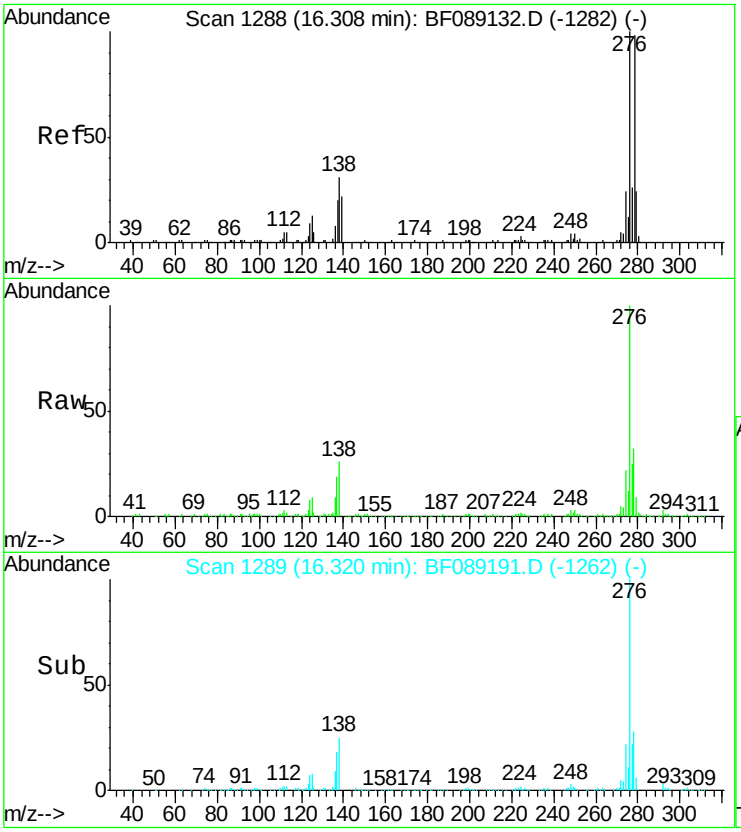


#83
Bis(2-ethylhexyl)phthalate
Concen: 6.03 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:149 Resp: 24297

Ion	Ratio	Lower	Upper
149	100		
167	24.9	18.6	28.0
279	3.2	1.6	2.4#



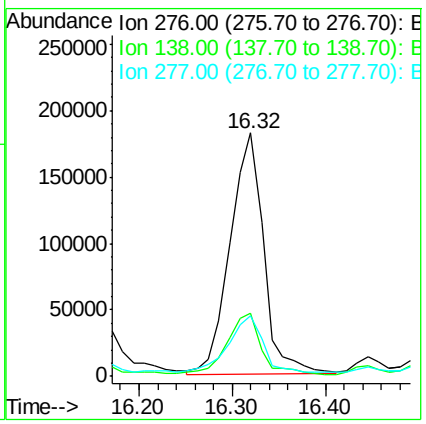


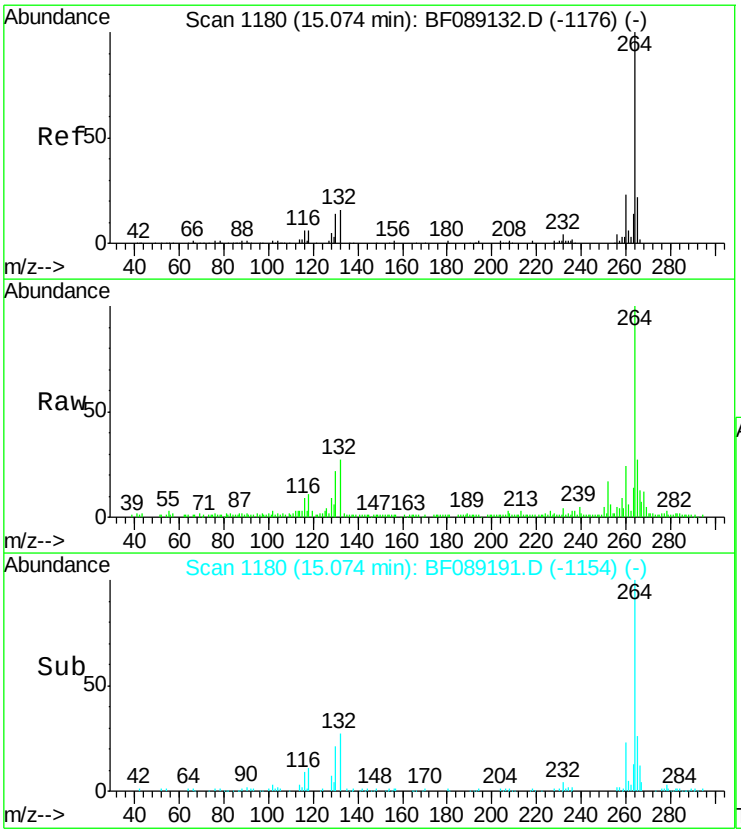
#85
Indeno(1,2,3-cd)pyrene
Concen: 118.40 ng
RT: 16.32 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:276 Resp: 455058

Ion	Ratio	Lower	Upper
276	100		
138	26.6	23.7	35.5
277	24.3	20.6	31.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089191.D
Acq: 22 Jul 2016 12:11

Tgt Ion:264 Resp: 112957

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	27.4	17.3	25.9#