Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088428.D
Acq On : 26 Jun 2016 19:55
Operator : UM/SJ
Sample : H3663-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Time: Jun 27 03:57:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	80368	20.00	ng		-0.06
21) Naphthalene-d8	7.84	136	323994	20.00	ng		-0.06
38) Acenaphthene-d10	9.58	164	147895	20.00	ng		-0.07
63) Phenanthrene-d10	11.05	188	241064	20.00	ng		-0.07
75) Chrysene-d12	13.68	240	152743	20.00	ng		-0.07
86) Perylene-d12	15.04	264	169328	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	207107	44.05	ng		-0.05
7) Phenol-d6	6.22	99	275872	48.42	ng		-0.05
23) Nitrobenzene-d5	7.12	82	168627	30.39	ng		-0.06
41) 2,4,6-Tribromophenol	10.36	330	57675	36.93	ng		-0.07
44) 2-Fluorobiphenyl	8.91	172	304857	28.71	ng		-0.06
78) Terphenyl-d14	12.63	244	186427	27.77	ng		-0.07
Target Compounds							Qvalue
10) Phenol	6.23	94	717	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.12	70	20222	5.55	ng	#	70
25) Isophorone	7.12	82	164120	15.97	ng	#	65
45) 1,1'-Biphenyl	9.02	154	1985	Below Cal			99
49) Dimethylphthalate	9.31	163	50786	4.74	ng		99
50) 2,6-Dinitrotoluene	9.58	165	18653	7.60	ng	#	40
51) Acenaphthene	9.61	154	74071	7.80	ng		98
54) Dibenzofuran	9.78	168	30385	2.32	ng		91
55) 4-Nitrophenol	9.78	139	10714	4.88	ng	#	5
56) 2,4-Dinitrotoluene	9.58	165	18653	5.92	ng	#	38
57) Fluorene	10.12	166	38057	Below Cal			99
70) Phenanthrene	11.07	178	543268	42.95	ng		99
71) Anthracene	11.13	178	163607	12.82	ng		97
72) Carbazole	11.29	167	94272	7.90	ng		98
74) Fluoranthene	12.26	202	844428	63.26	ng		99
77) Pyrene	12.49	202	809182	71.39	ng		99
80) Benzo(a)anthracene	13.67	228	587857	67.54	ng		97
81) 3,3'-Dichlorobenzidine	13.71	252	5048	2.16	ng	#	1
82) Chrysene	13.71	228	580258	70.86	ng		97
85) Indeno(1,2,3-cd)pyrene	16.26	276	298685	39.26	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	1082361	91.71	ng	#	96
88) Benzo(k)fluoranthene	14.69	252	1082361	121.58	ng		98
89) Benzo(a)pyrene	14.98	252	489245	51.24	ng		99
90) Dibenzo(a,h)anthracene	16.40	278	54228	6.11	ng		96
91) Benzo(g,h,i)perylene	16.63	276	267076	29.28	ng		97

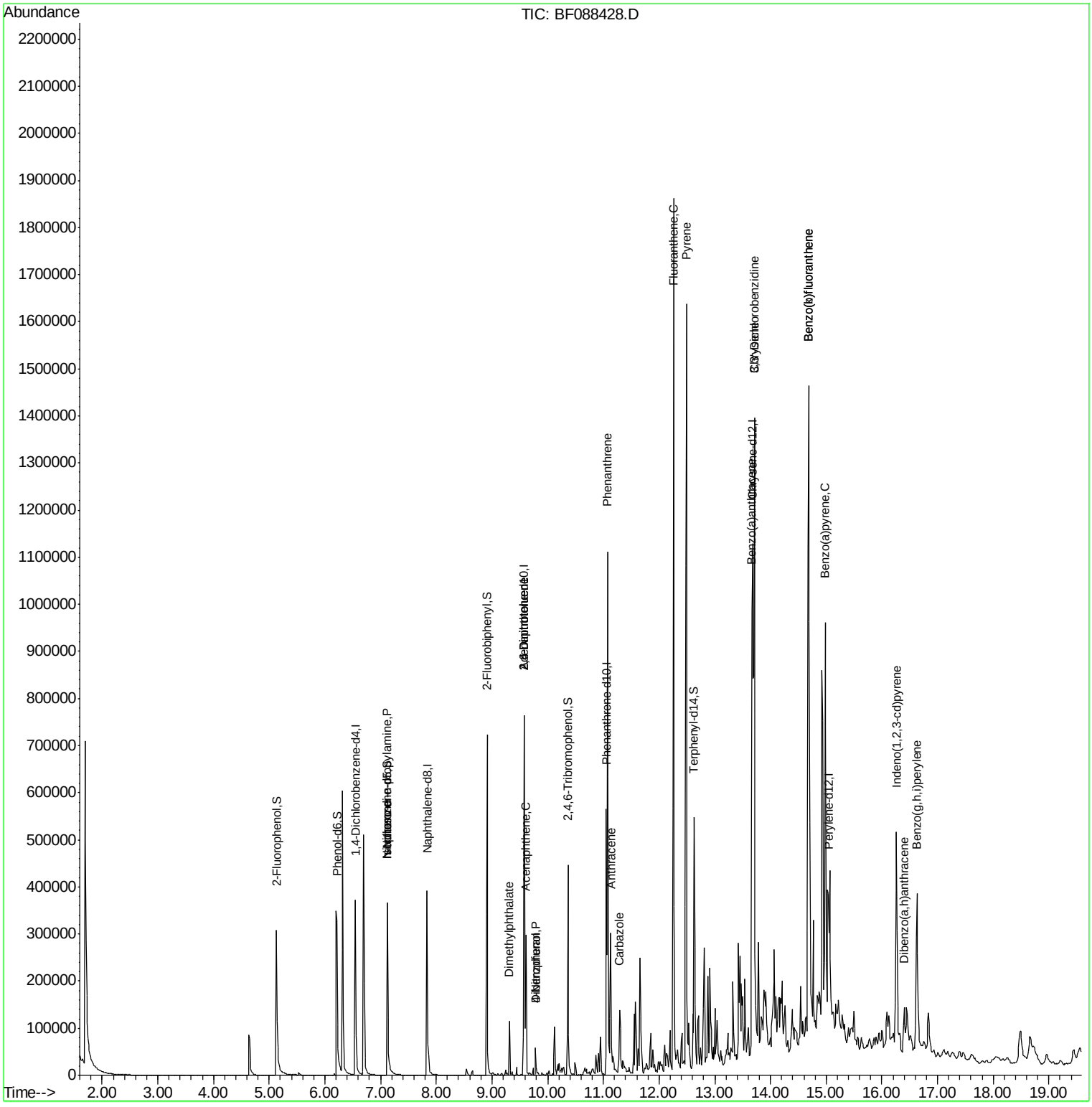
(#) = qualifier out of range (m) = manual integration (+) = signals summed

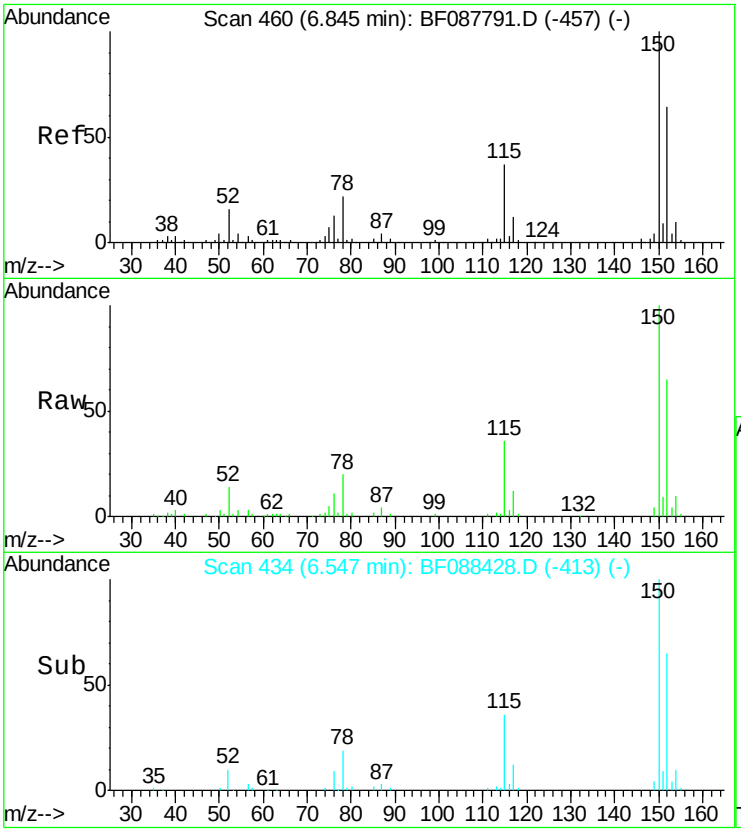
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088428.D
Acq On : 26 Jun 2016 19:55
Operator : UM/SJ
Sample : H3663-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Time: Jun 27 03:57:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



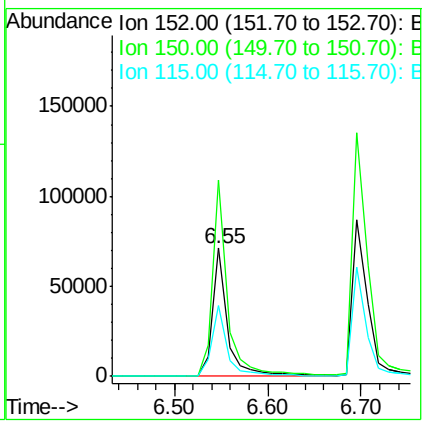


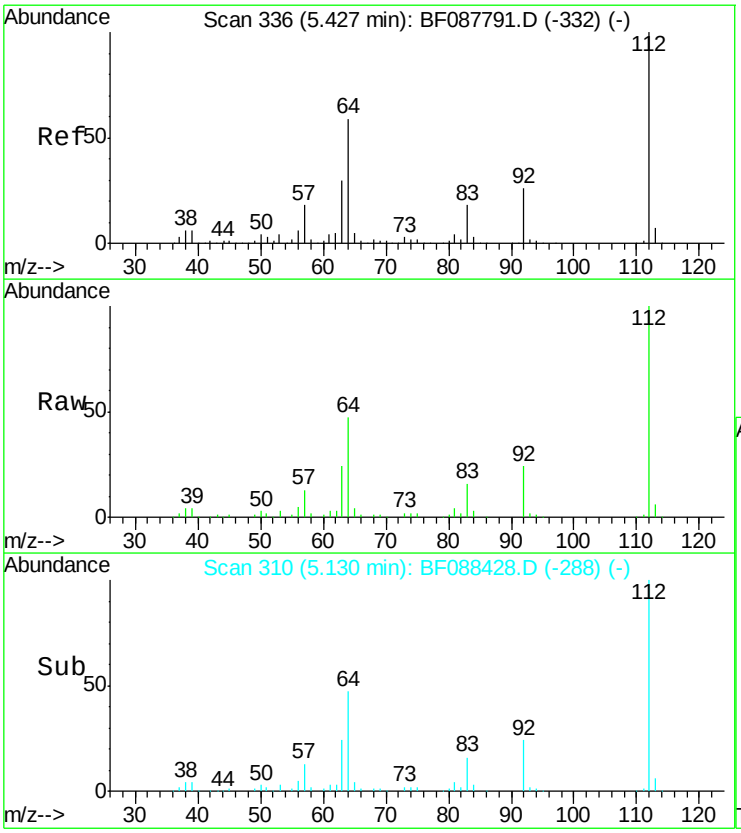
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 80368

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	55.8	39.6	59.4

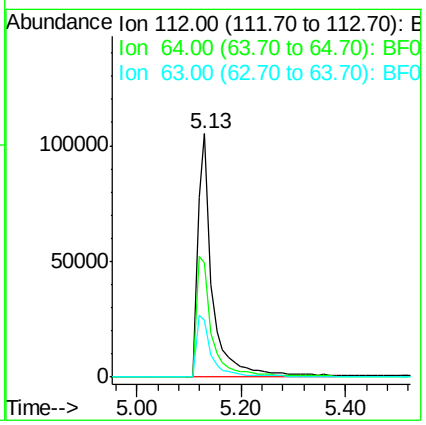


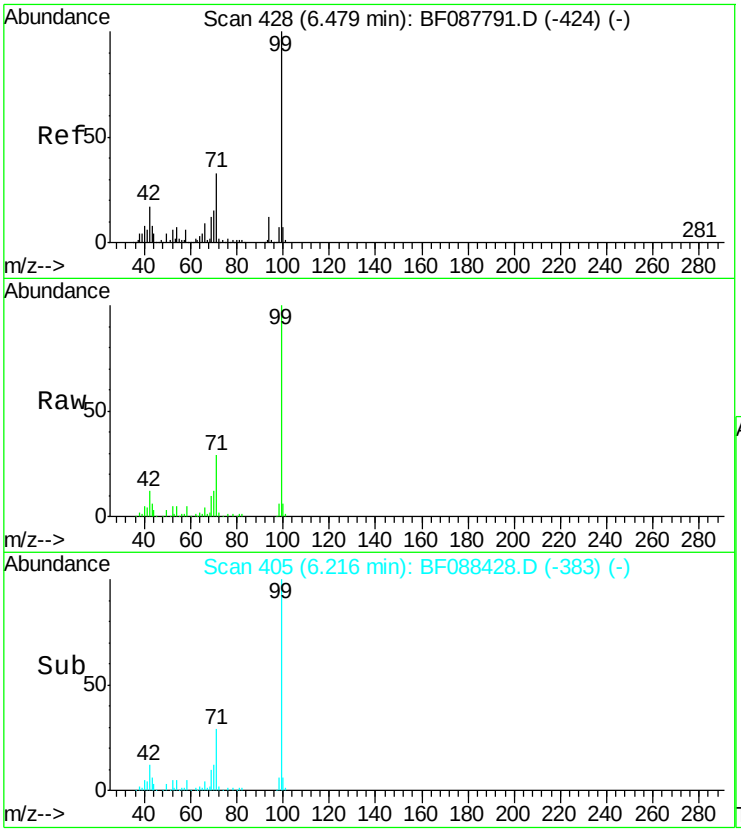


#5
2-Fluorophenol
Concen: 44.05 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:112 Resp: 207107

Ion	Ratio	Lower	Upper
112	100		
64	46.7	42.2	63.2
63	23.5	21.8	32.8



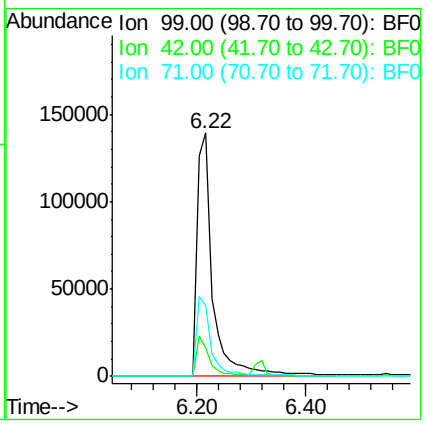


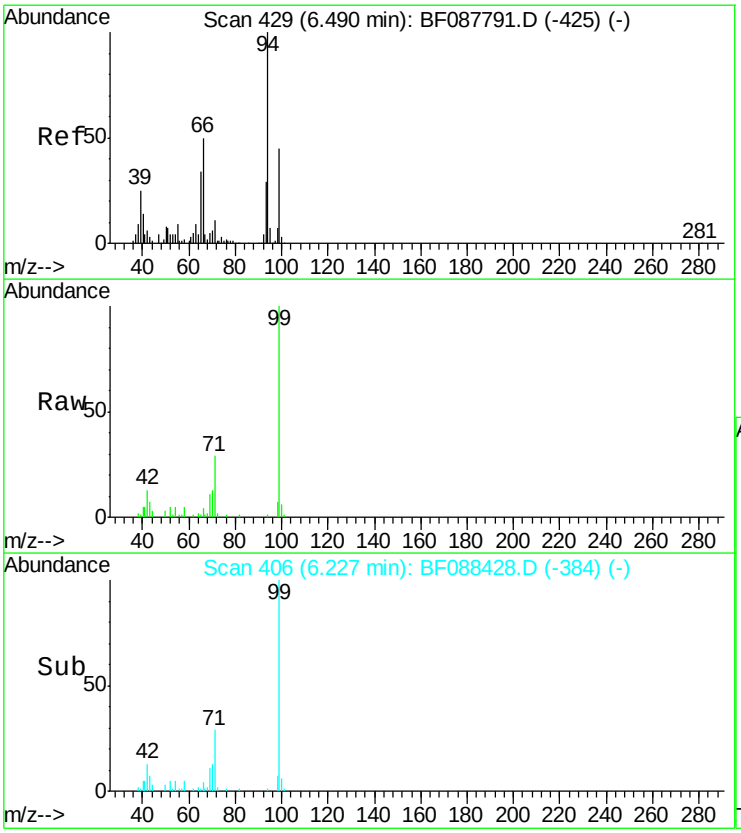
#7
Phenol-d6
Concen: 48.42 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 275872

Ion	Ratio	Lower	Upper
99	100		
42	11.9	12.2	18.2#
71	28.9	23.4	35.0

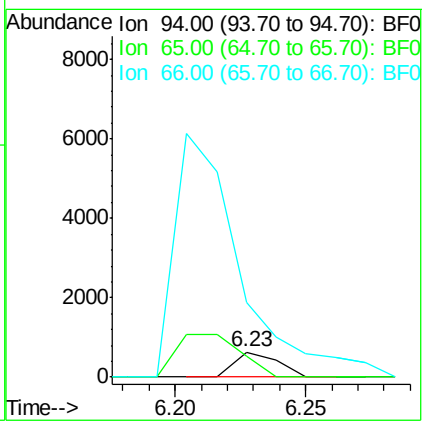


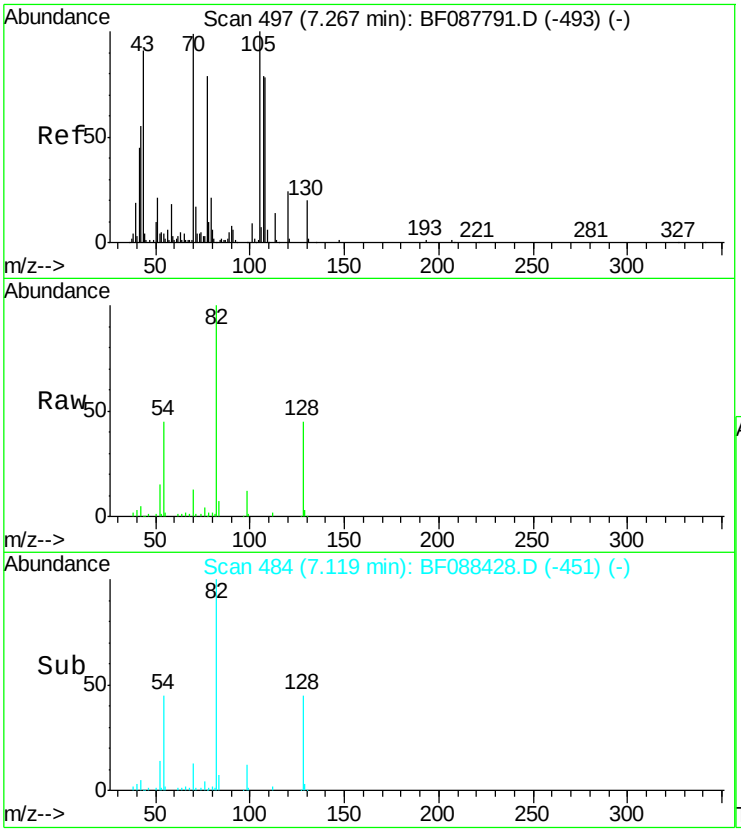


#10
Phenol
Concen: Below Cal
RT: 6.23 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion: 94 Resp: 717

Ion	Ratio	Lower	Upper
94	100		
65	82.0	5.9	45.9#
66	299.4	14.0	54.0#



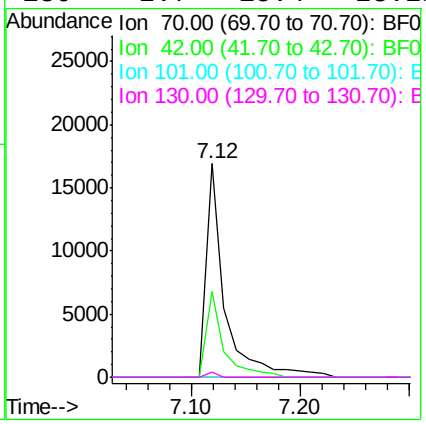


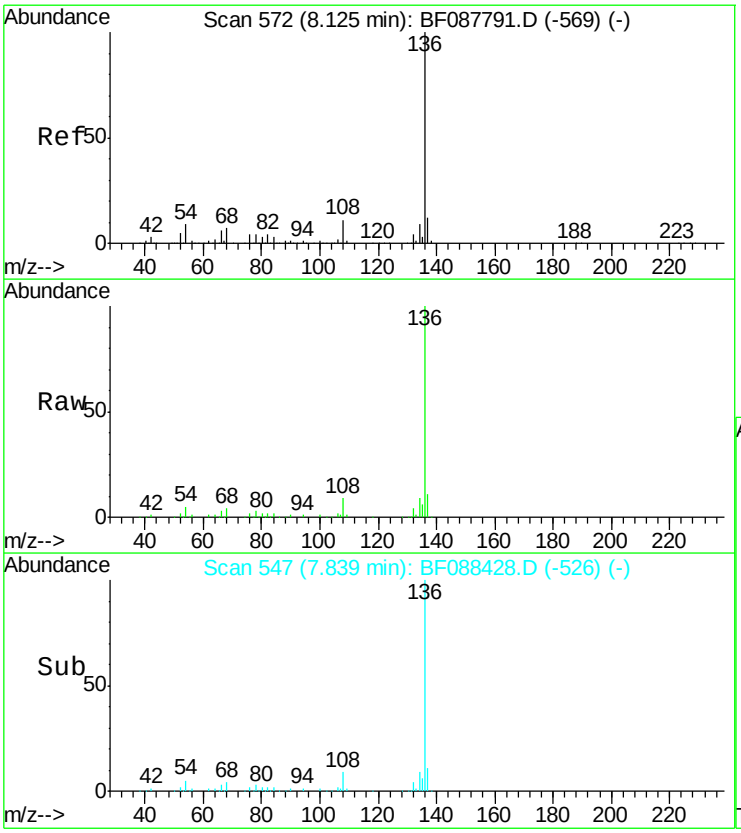
#19
n-Nitroso-di-n-propylamine
Concen: 5.55 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 70 Resp: 20222

Ion	Ratio	Lower	Upper
70	100		
42	40.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.7	15.4	23.2#

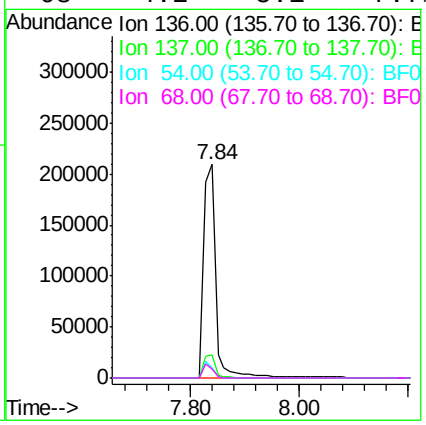


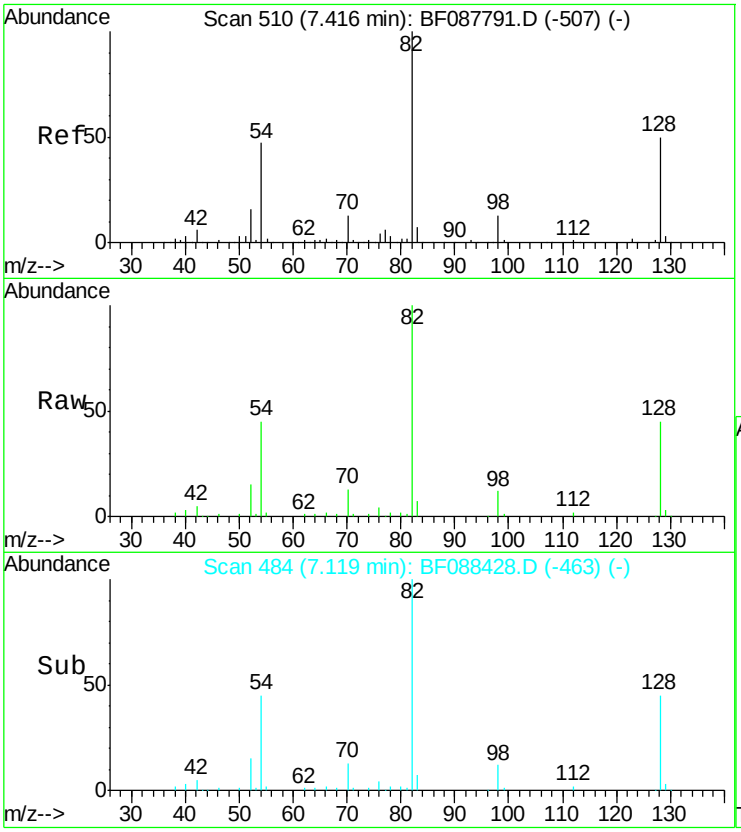


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:136 Resp: 323994

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	4.7	6.6	10.0#
68	4.2	5.1	7.7#



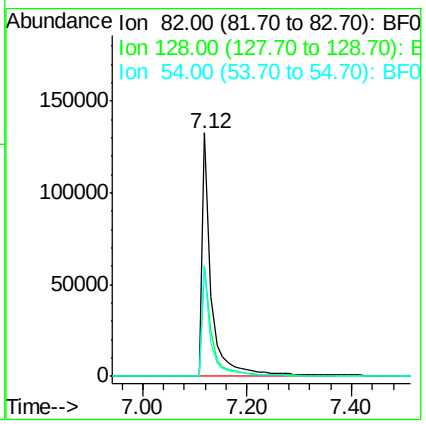


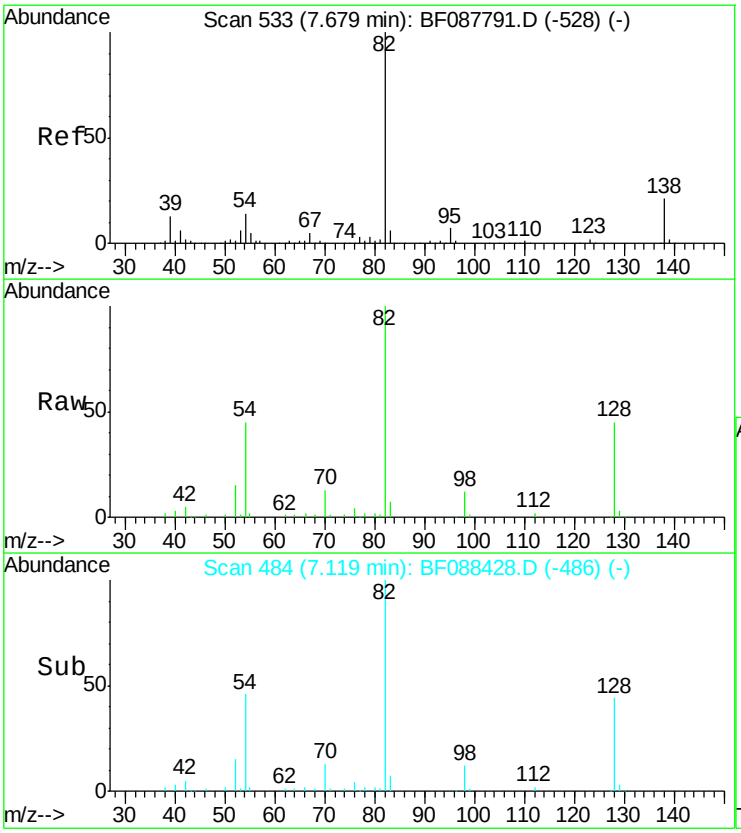
#23
Nitrobenzene-d5
Concen: 30.39 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 82 Resp: 168627

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.9	53.9
54	45.4	40.9	61.3

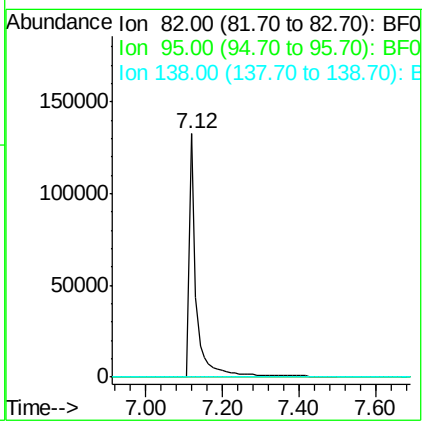


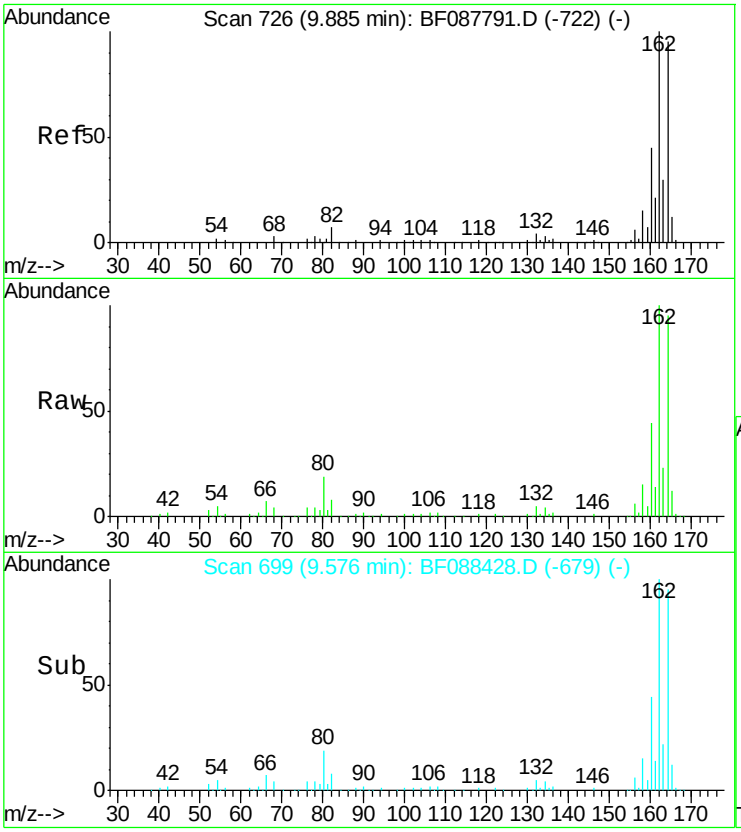


#25
Isophorone
Concen: 15.97 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion: 82 Resp: 164120

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



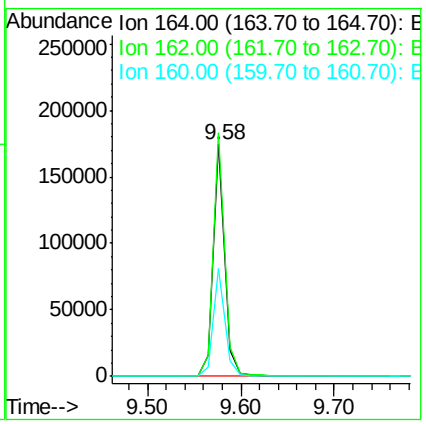


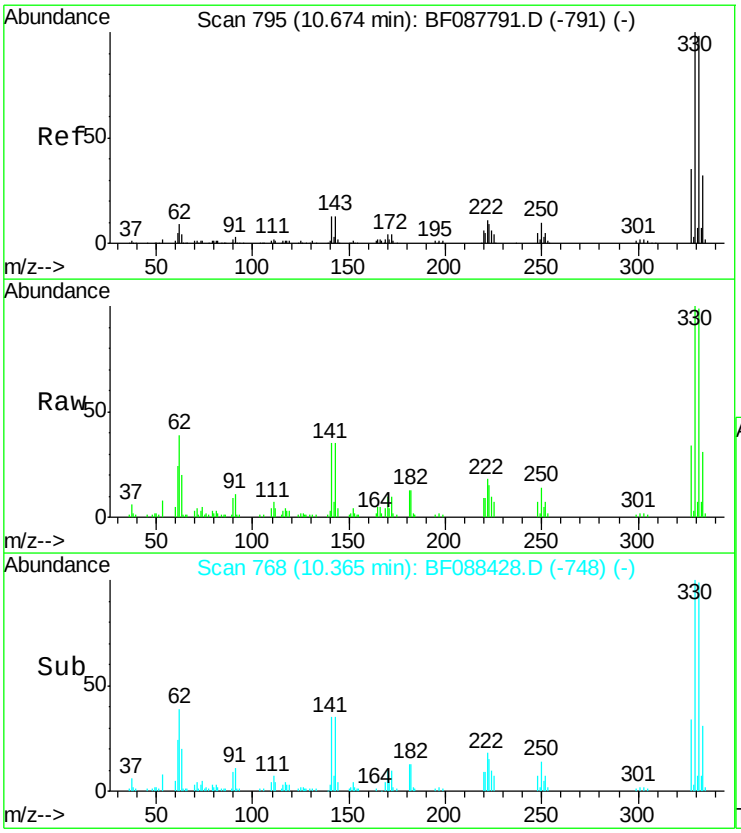
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:164 Resp: 147895

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	46.5	39.5	59.3

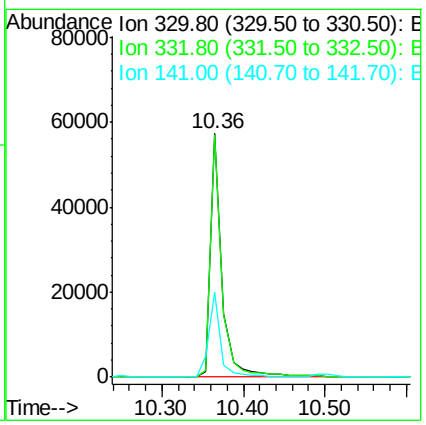


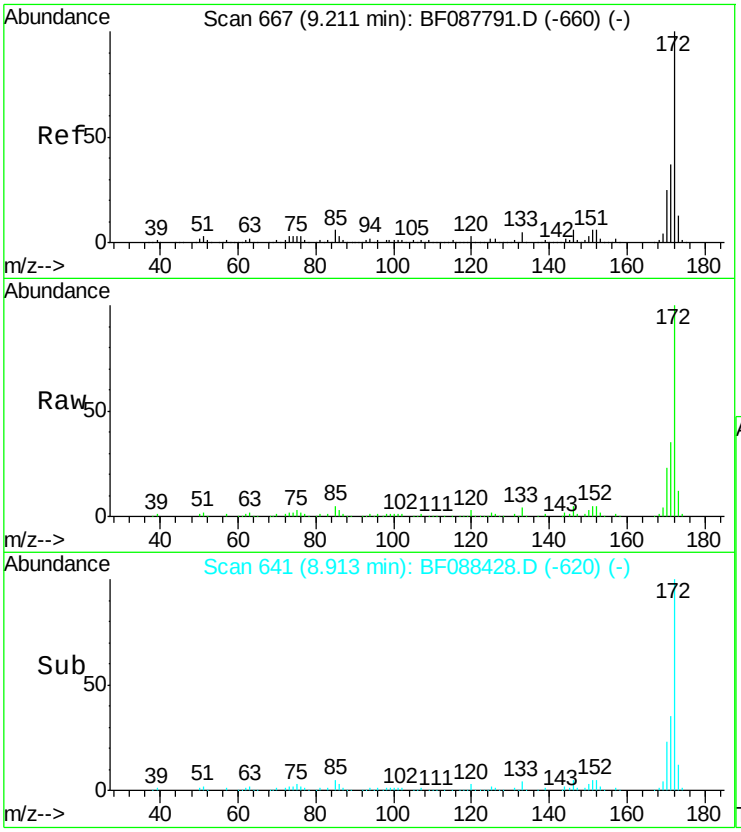


#41
2,4,6-Tribromophenol
Concen: 36.93 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:330 Resp: 57675

Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	36.3	0.0	0.0#



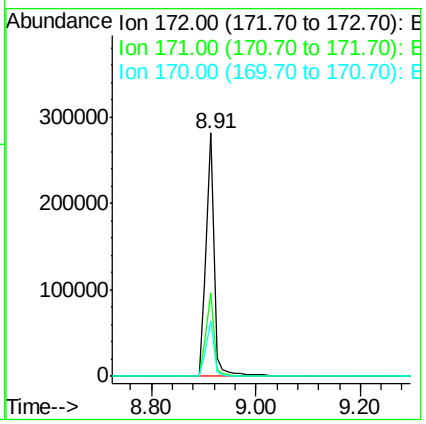


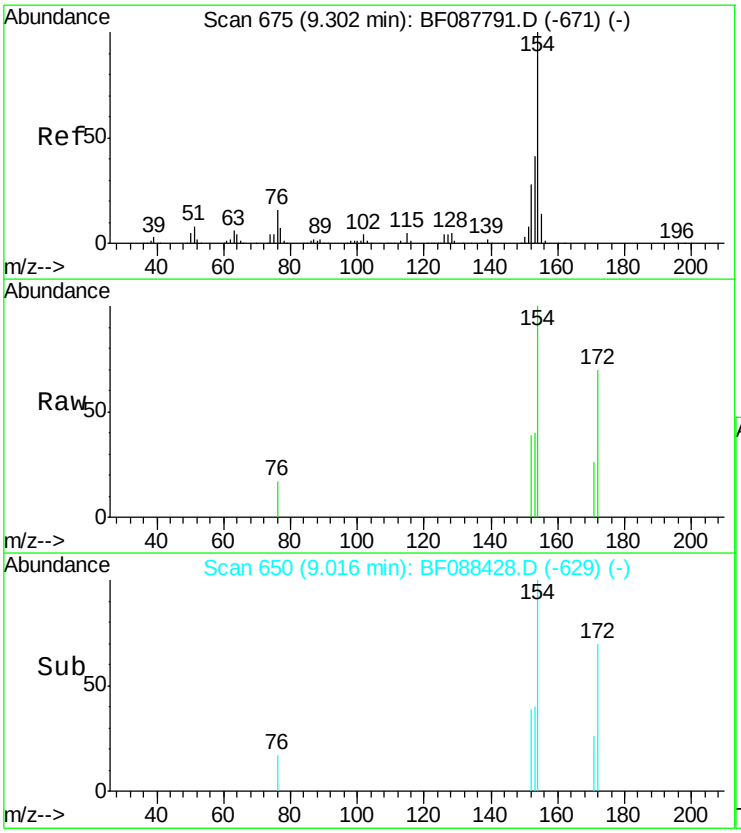
#44
2-Fluorobiphenyl
Concen: 28.71 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:172 Resp: 304857

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	22.9	19.2	28.8

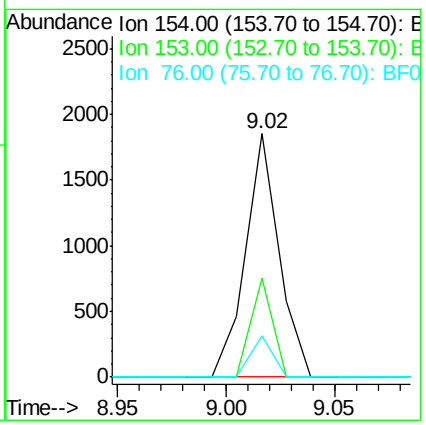


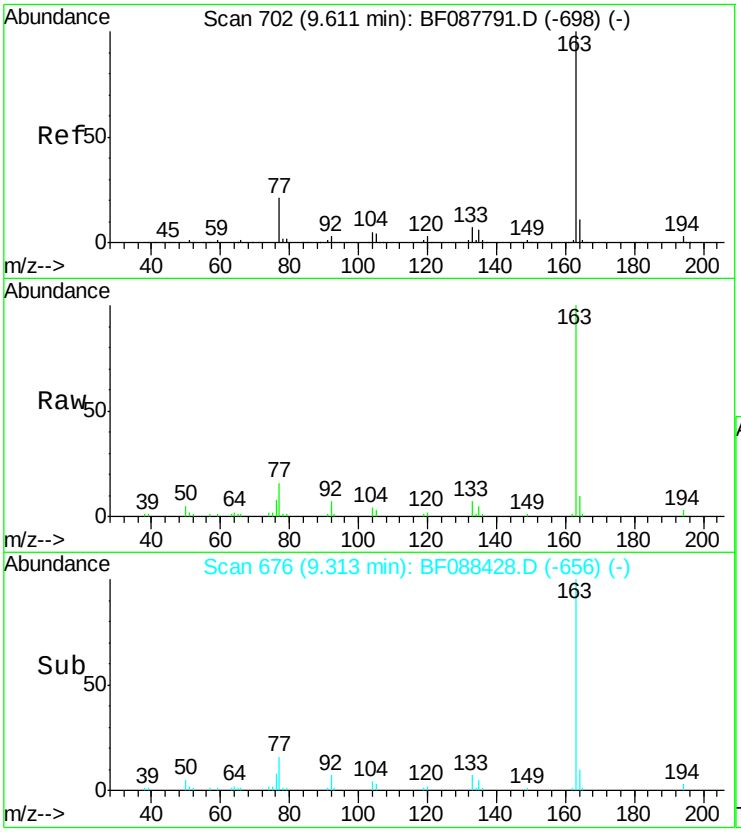


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:154 Resp: 1985

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	17.0	0.0	35.1



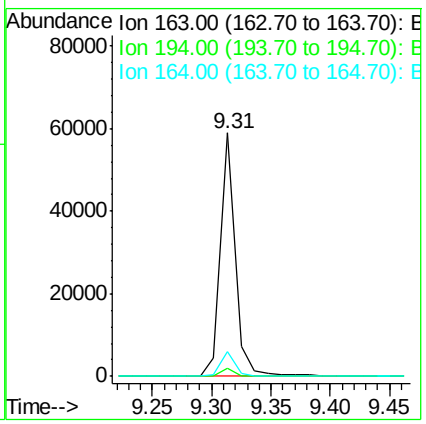


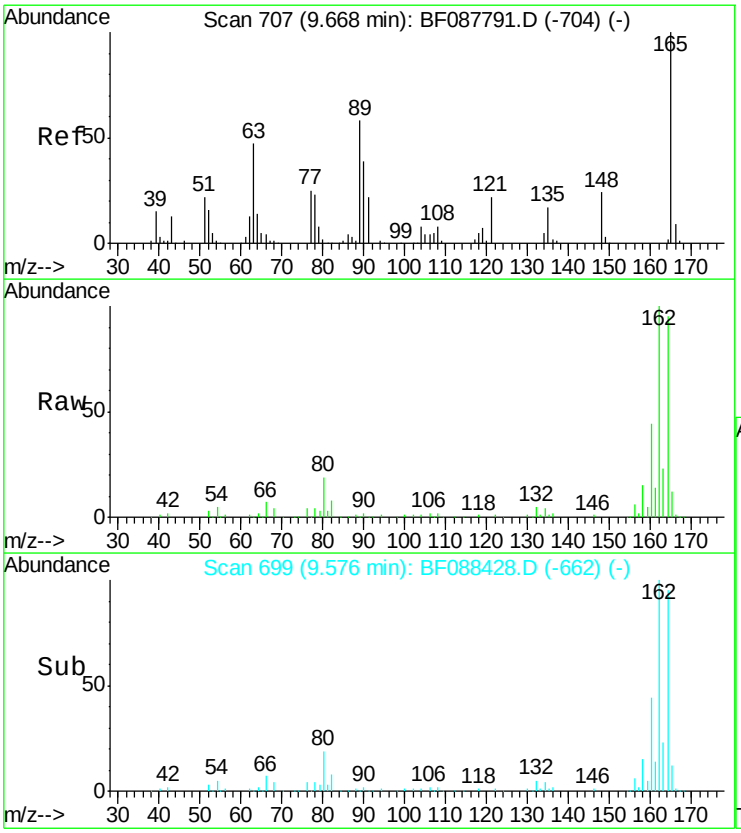
#49
Dimethylphthalate
Concen: 4.74 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:163 Resp: 50786

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.1	8.3	12.5

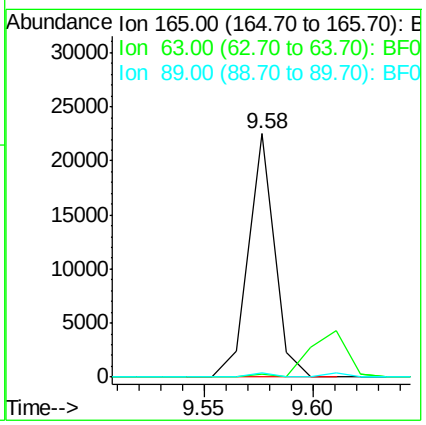


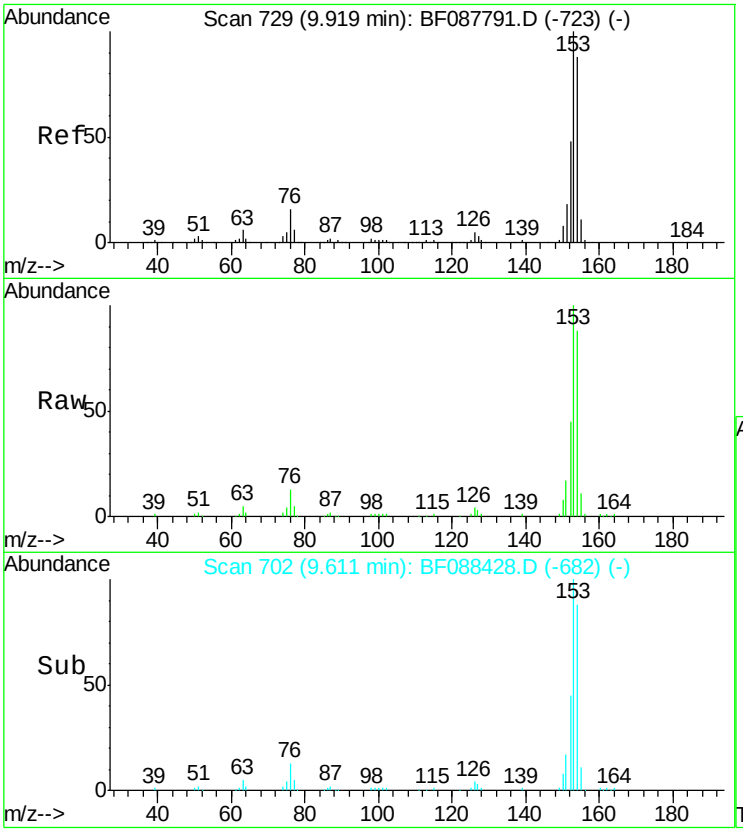


#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.13 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:165 Resp: 18653

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.1	42.1#
89	1.8	32.2	48.2#



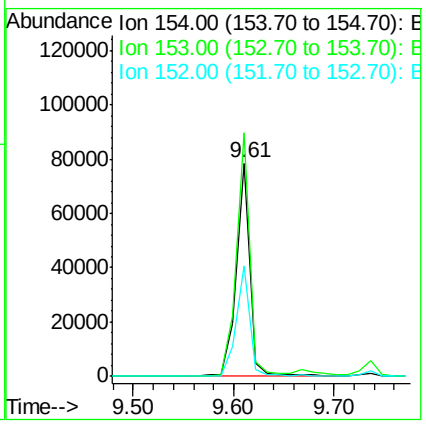


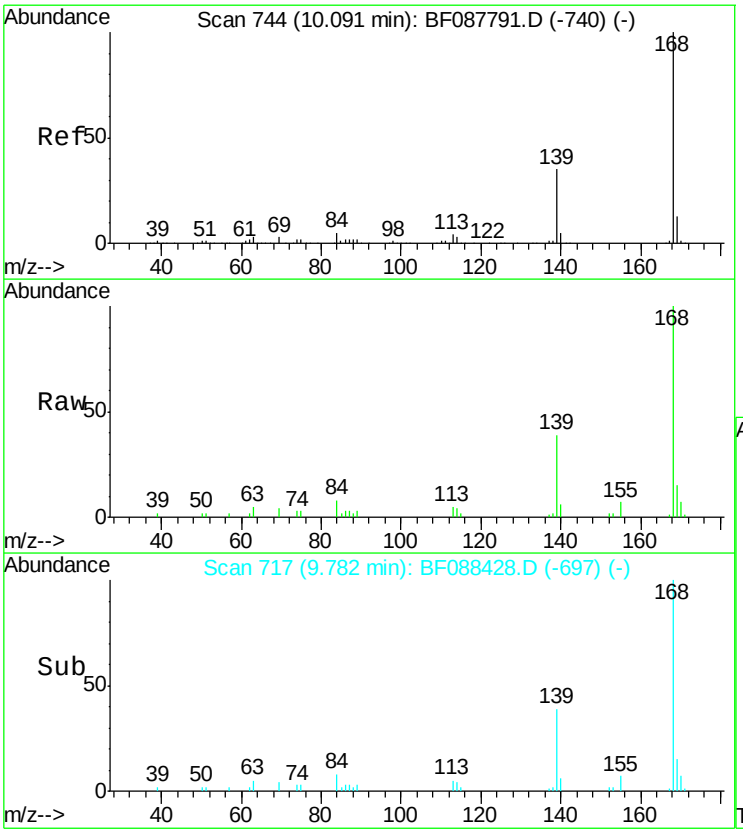
#51
Acenaphthene
Concen: 7.80 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:154 Resp: 74071

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.5	134.3
152	51.8	42.7	64.1

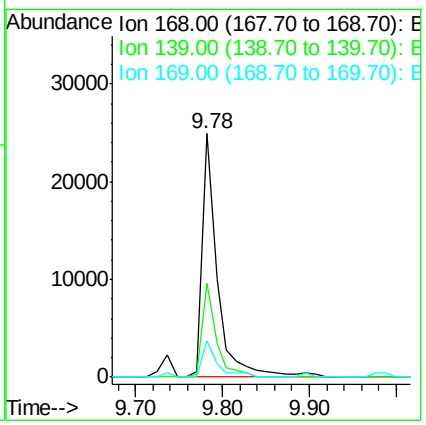


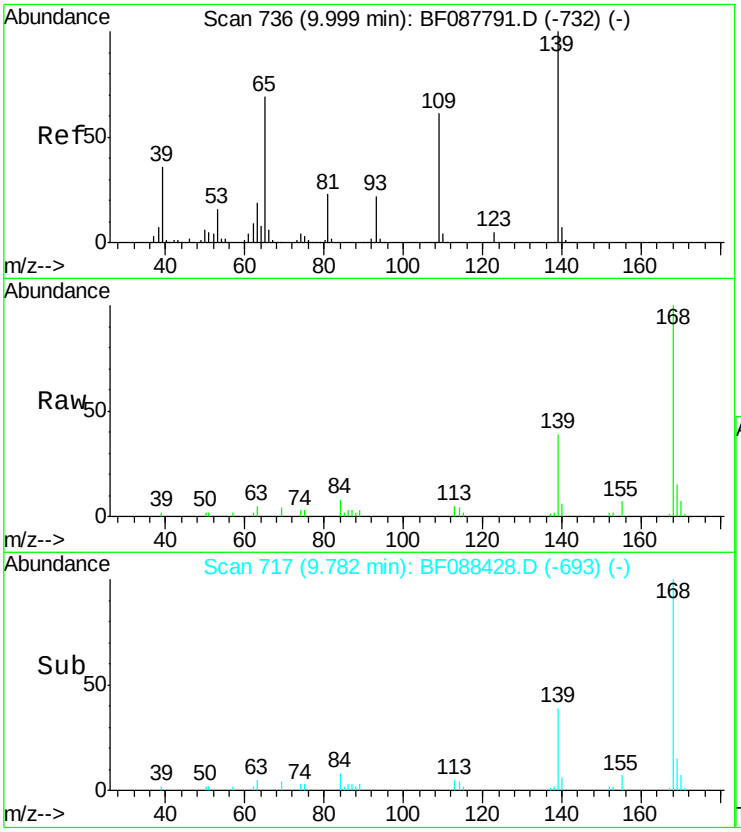


#54
Dibenzofuran
Concen: 2.32 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:168 Resp: 30385

Ion	Ratio	Lower	Upper
168	100		
139	38.7	26.4	39.6
169	14.9	10.4	15.6



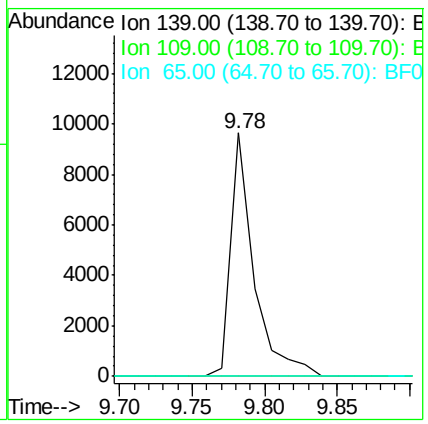


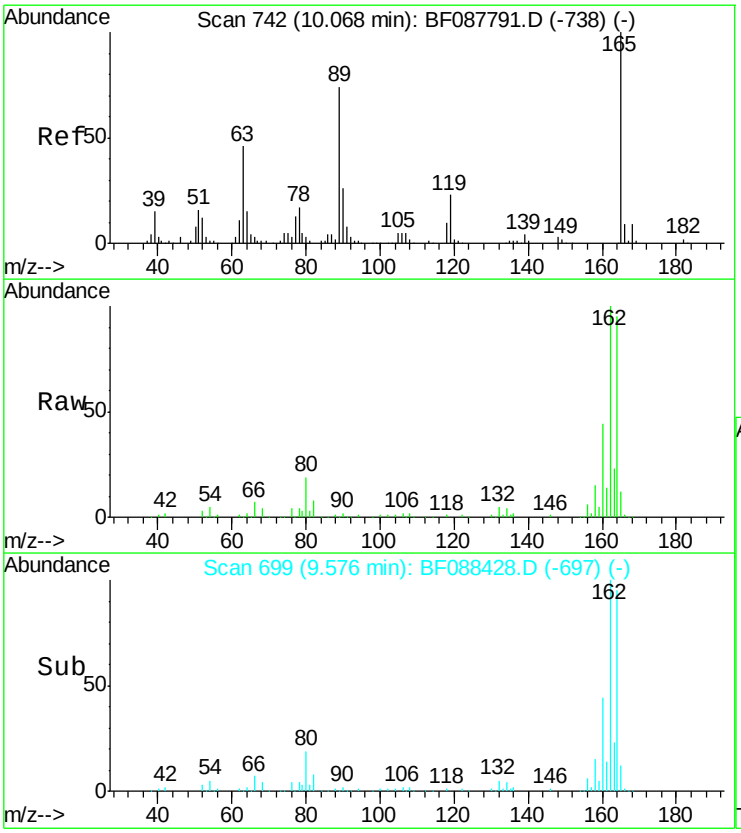
#55
4-Nitrophenol
Concen: 4.88 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:139 Resp: 10714

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#

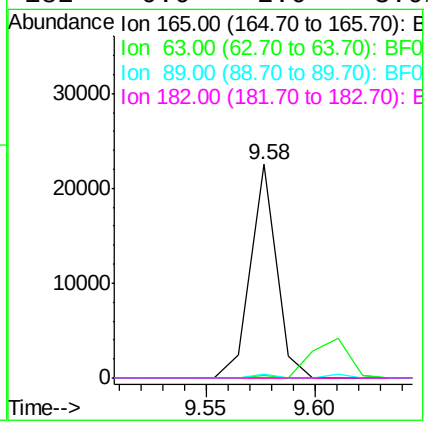


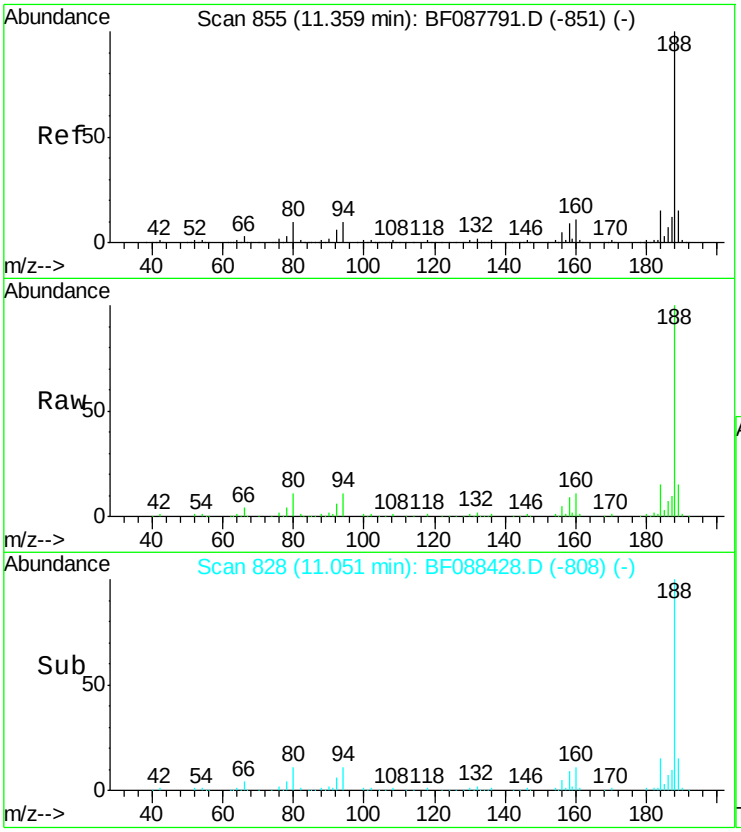


#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.27 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:165 Resp: 18653

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#



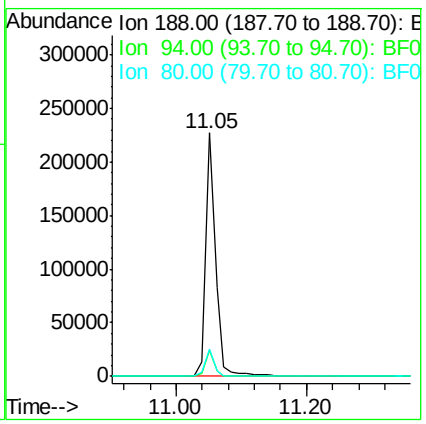


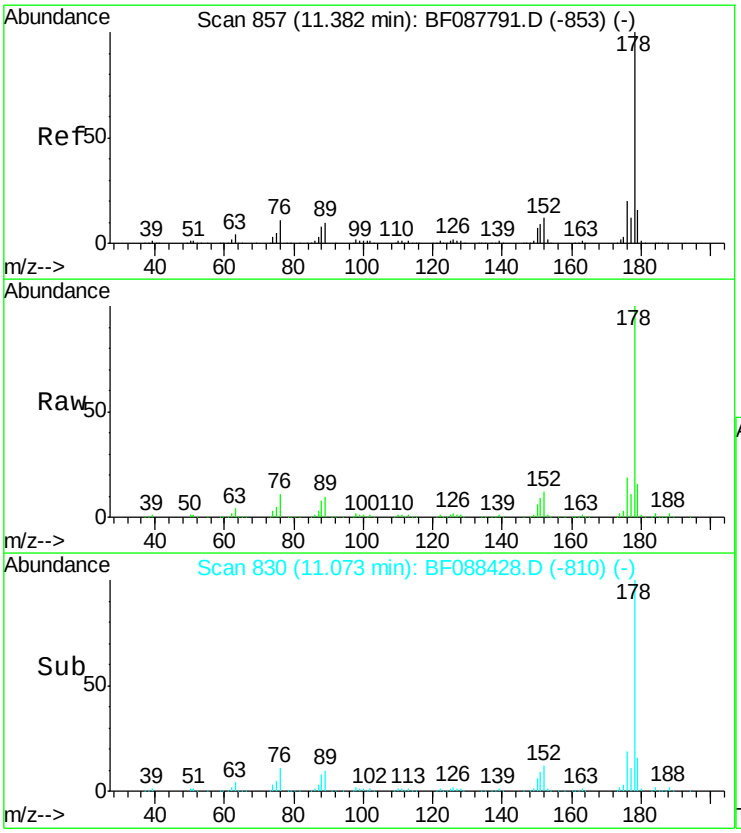
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:188 Resp: 241064

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.6
80	11.1	10.0	15.0

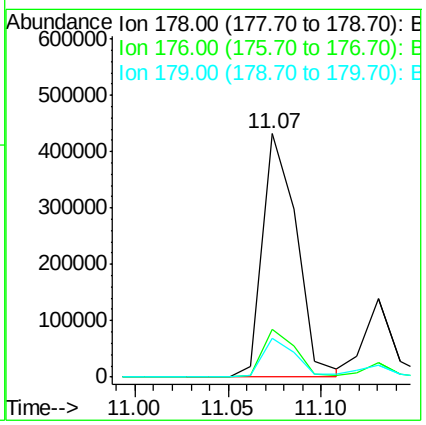


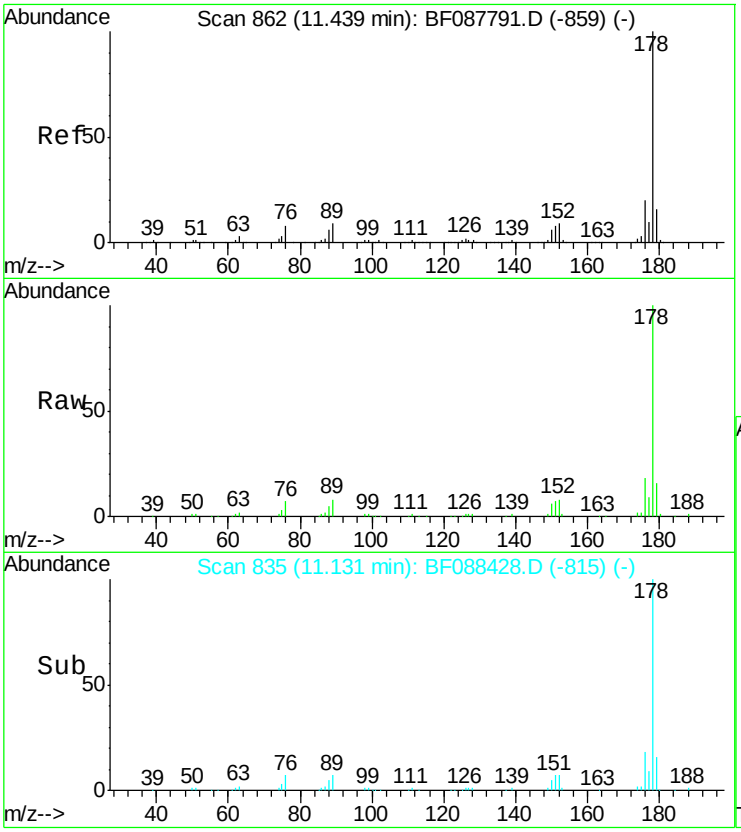


#70
Phenanthrene
Concen: 42.95 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:178 Resp: 543268

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.8	13.0	19.4



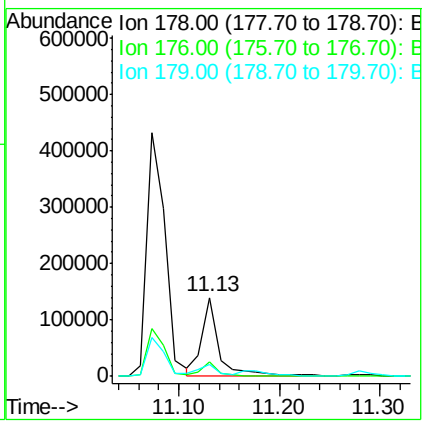


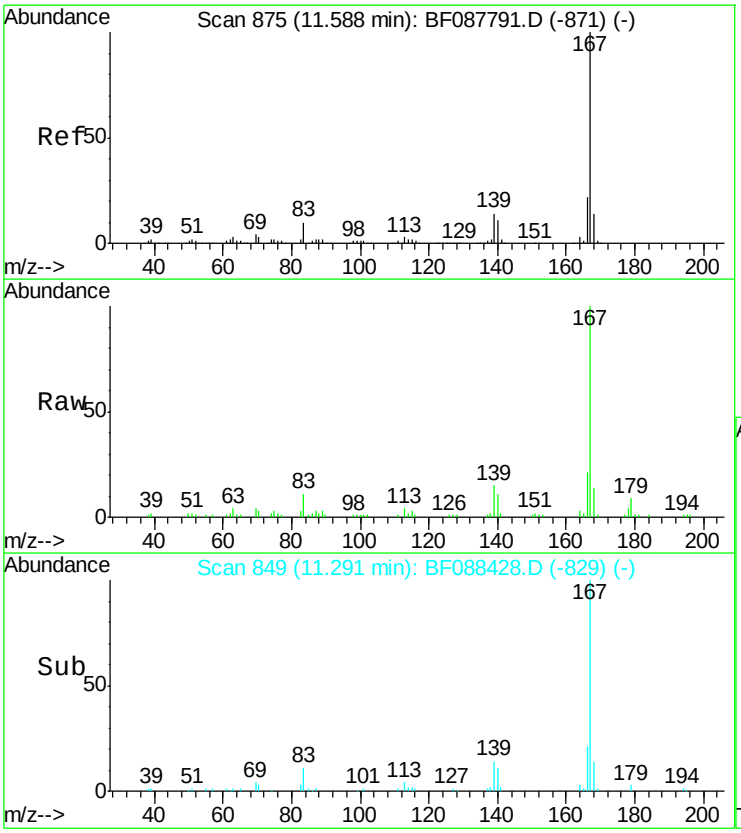
#71
Anthracene
Concen: 12.82 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:178 Resp: 163607

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	15.5	12.8	19.2

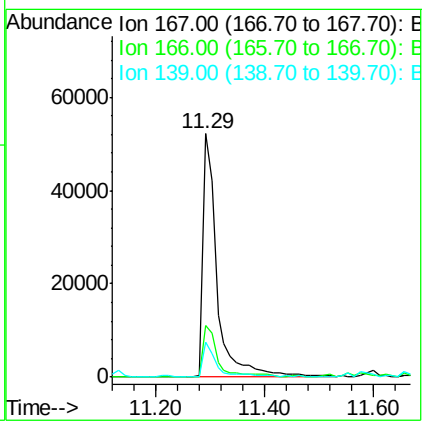


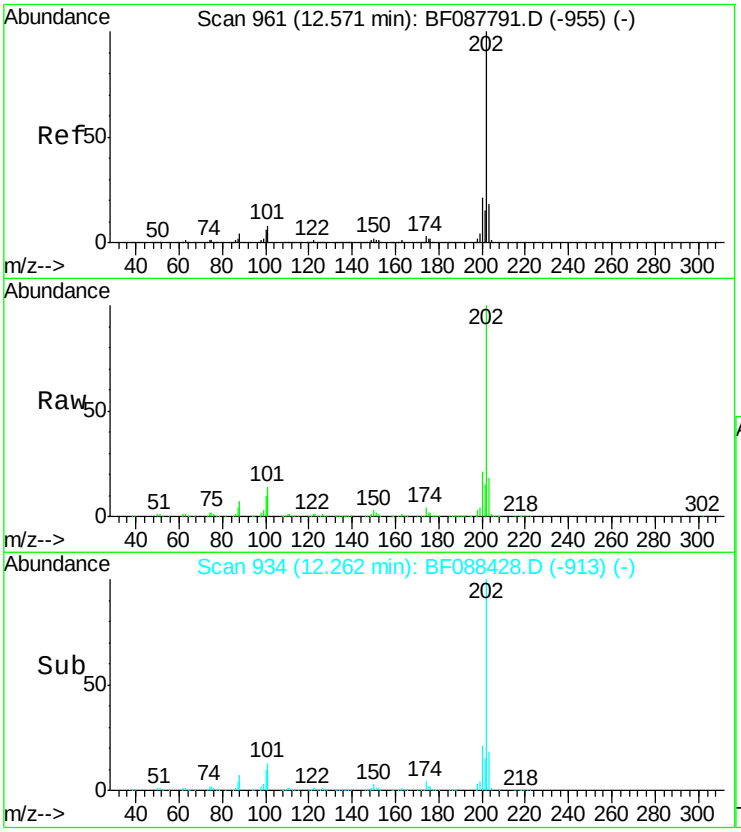


#72
Carbazole
Concen: 7.90 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:167 Resp: 94272

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.8	26.6
139	14.5	11.2	16.8



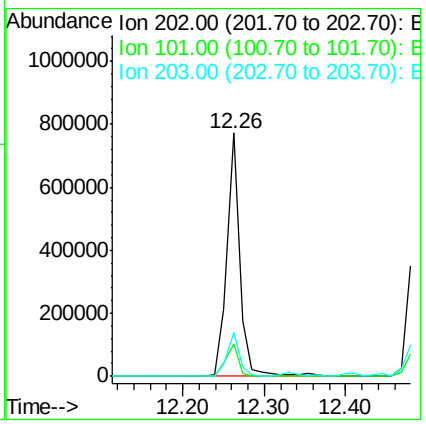


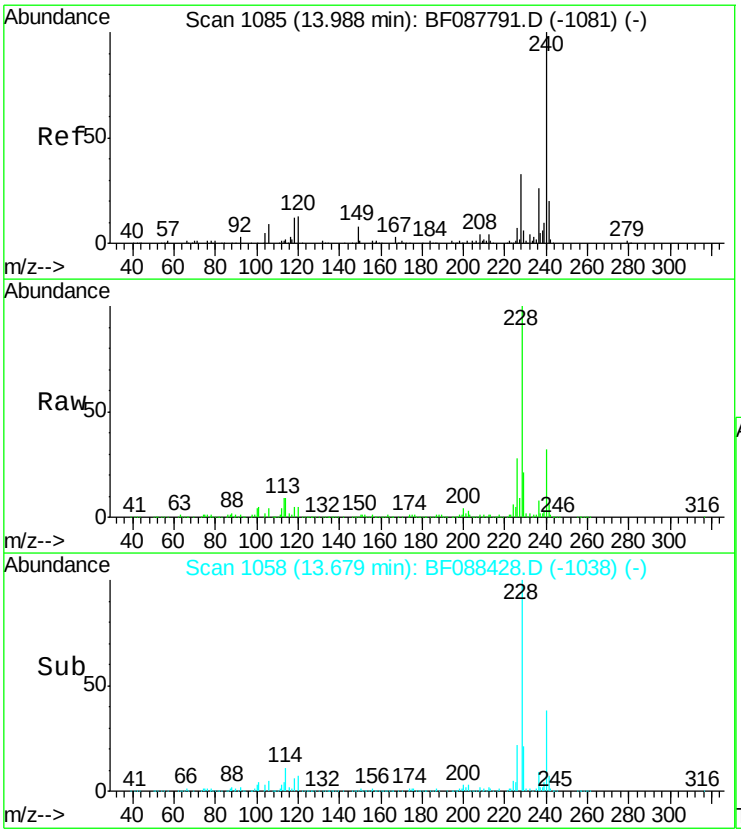
#74
Fluoranthene
Concen: 63.26 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:202 Resp: 844428

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.1
203	18.0	0.0	38.1

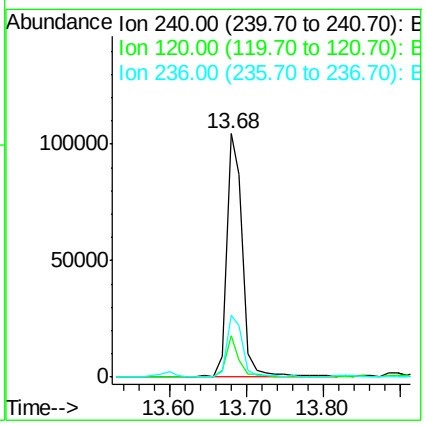


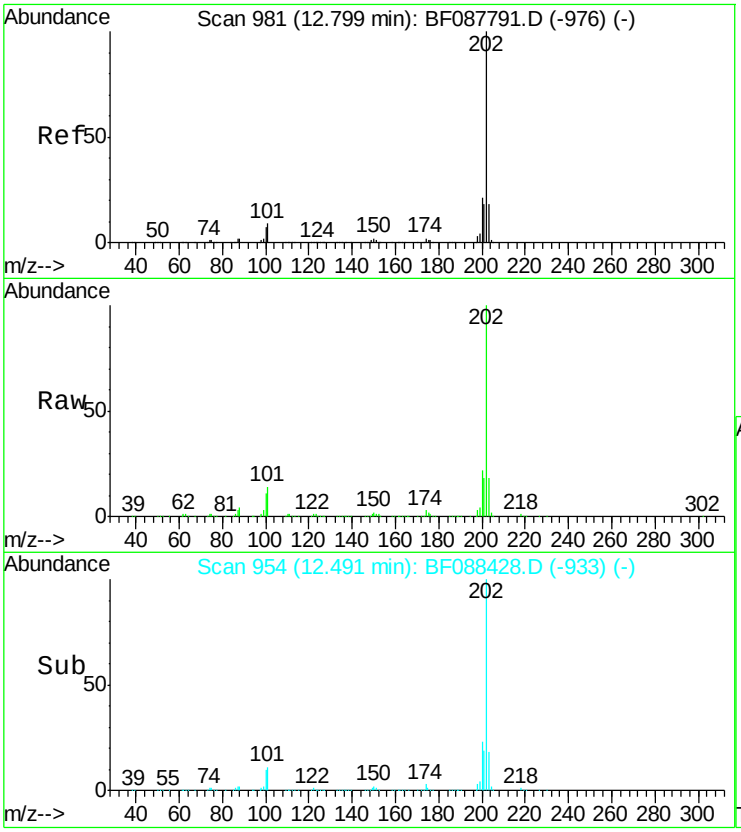


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:240 Resp: 152743

Ion	Ratio	Lower	Upper
240	100		
120	17.1	6.8	10.2#
236	25.2	20.2	30.2



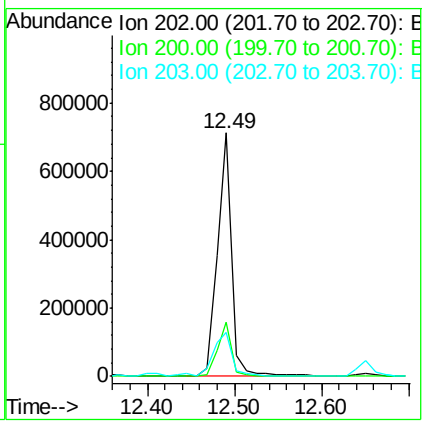


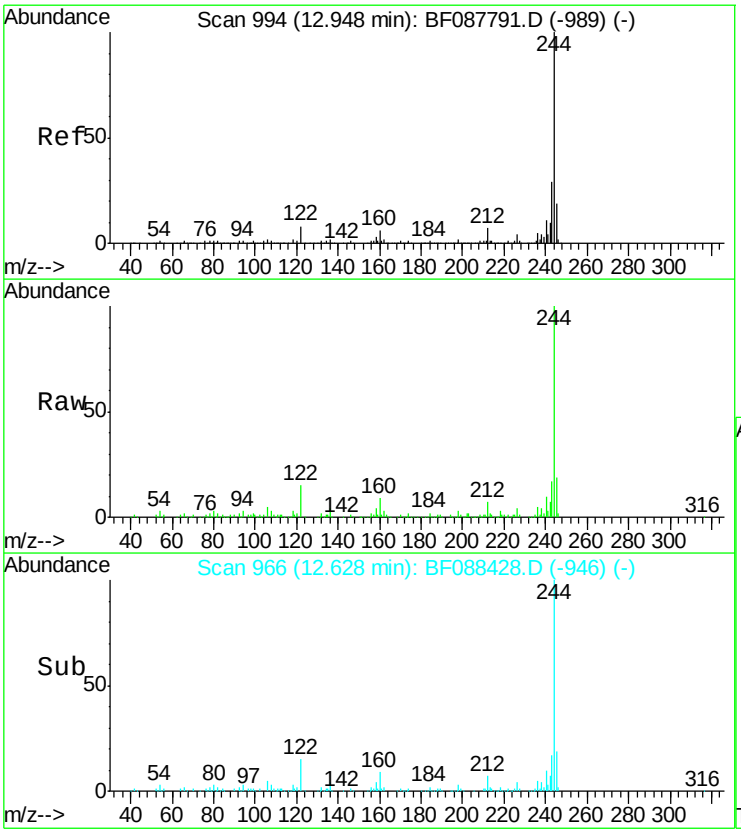
#77
Pyrene
Concen: 71.39 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:202 Resp: 809182

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.5	21.7

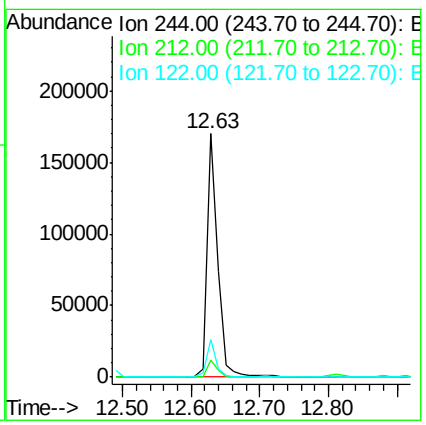


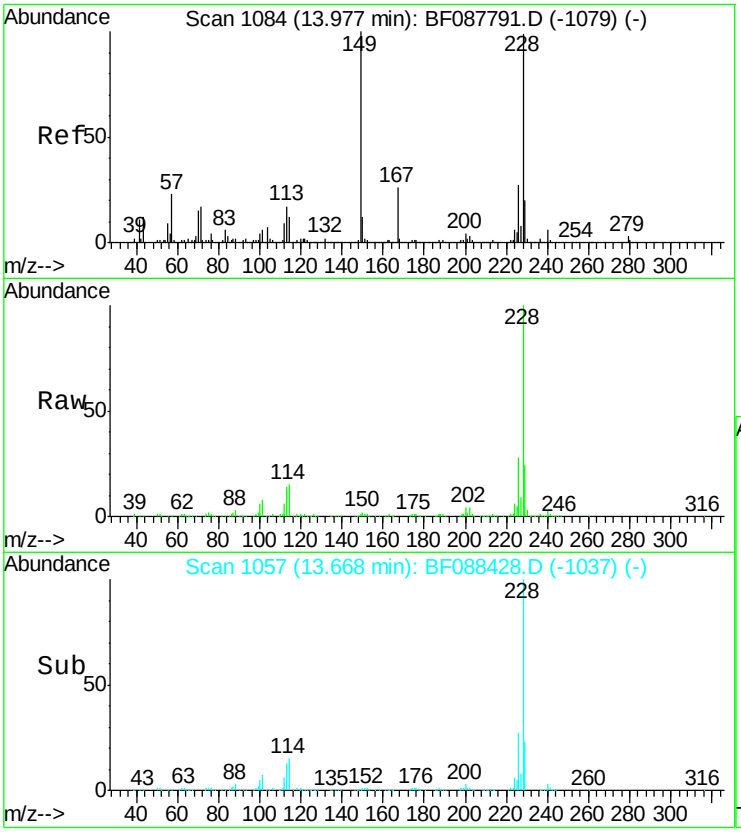


#78
Terphenyl-d14
Concen: 27.77 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:244 Resp: 186427

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	15.2	11.2	16.8



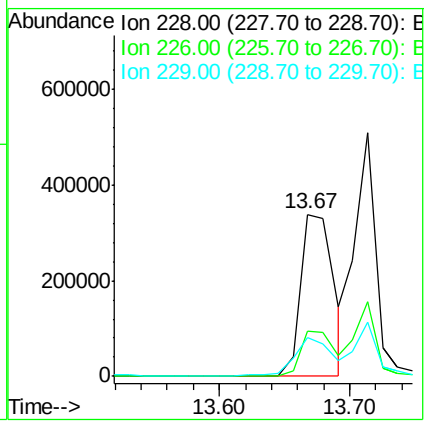


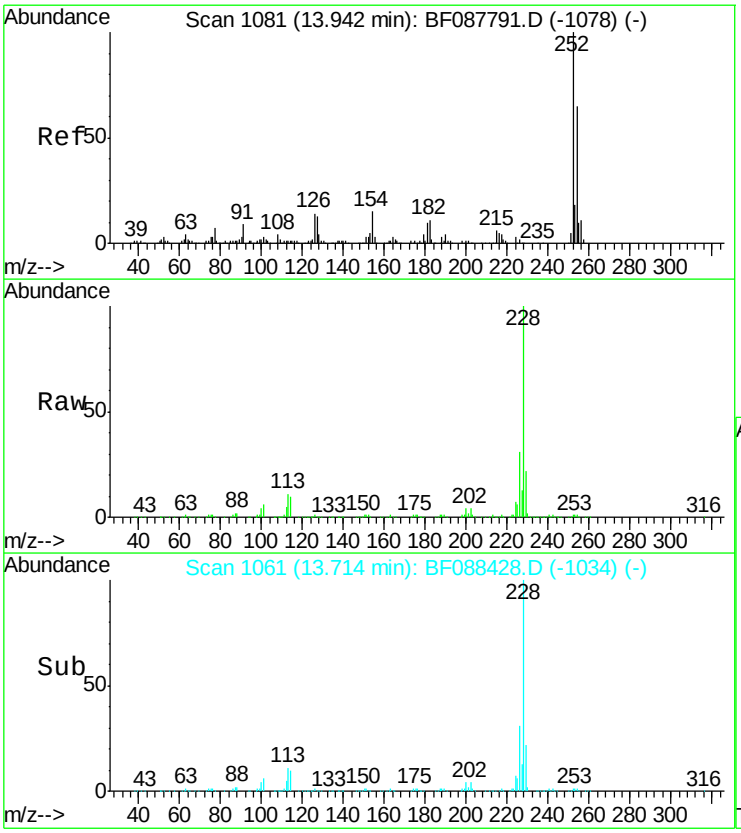
#80
Benzo(a)anthracene
Concen: 67.54 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:228 Resp: 587857

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	23.7	16.0	24.0

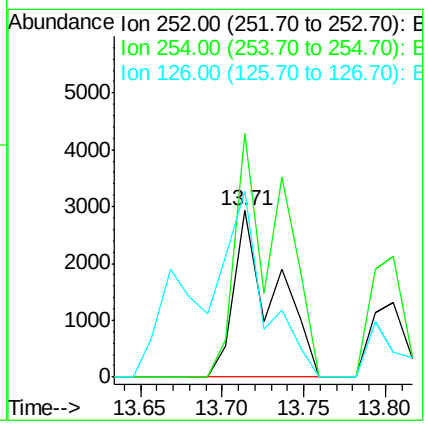


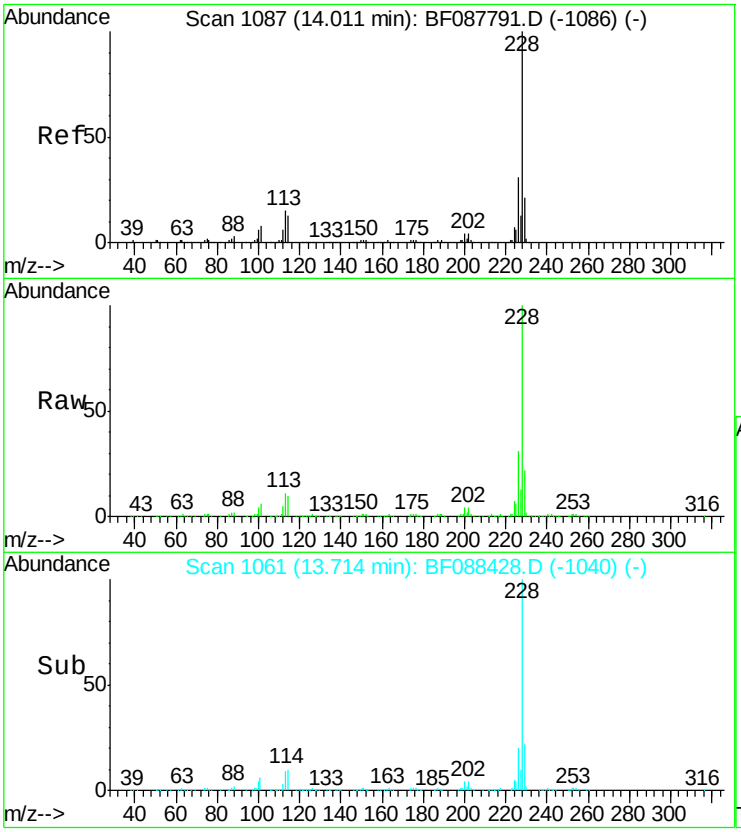


#81
3,3'-Dichlorobenzidine
Concen: 2.16 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:252 Resp: 5048

Ion	Ratio	Lower	Upper
252	100		
254	146.0	52.6	78.8#
126	111.5	6.2	9.2#



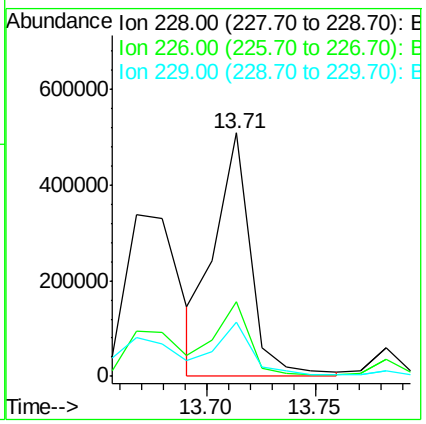


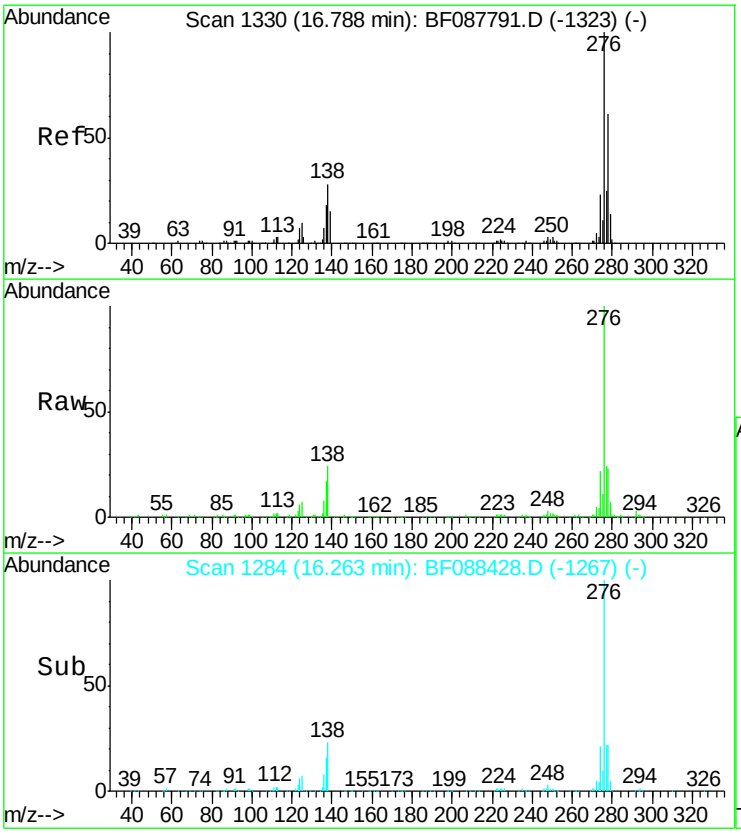
#82
Chrysene
Concen: 70.86 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:228 Resp: 580258

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	22.4	16.3	24.5

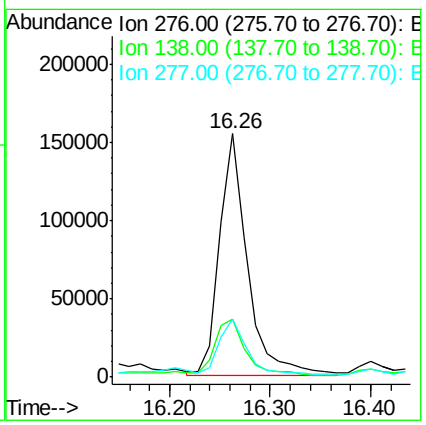


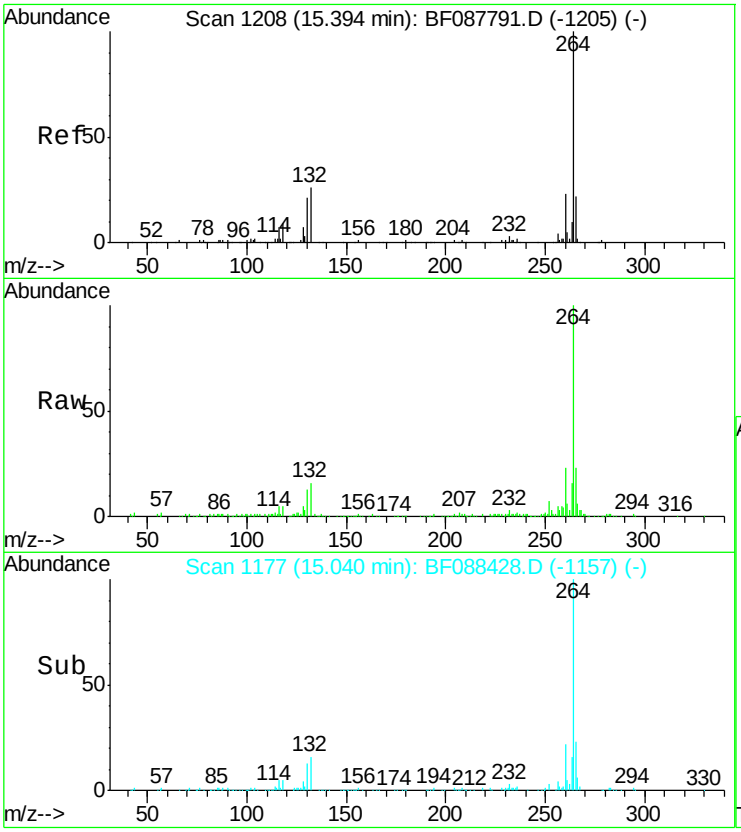


#85
Indeno(1,2,3-cd)pyrene
Concen: 39.26 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.10 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:276 Resp: 298685

Ion	Ratio	Lower	Upper
276	100		
138	28.4	0.0	0.0#
277	22.5	0.0	0.0#



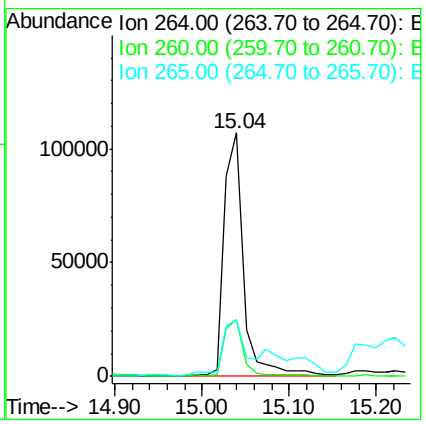


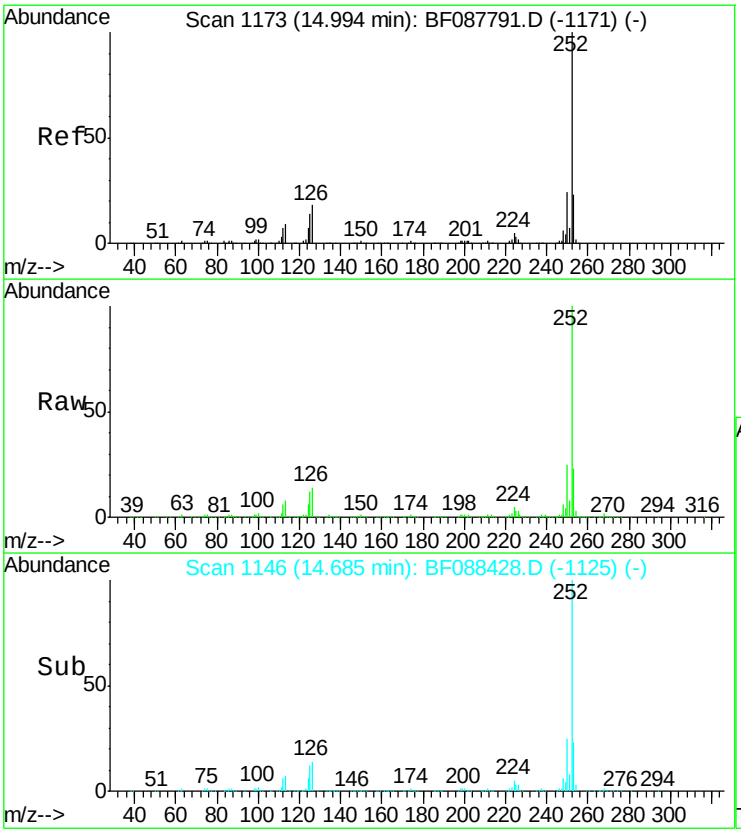
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:264 Resp: 169328

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	23.4	16.9	25.3

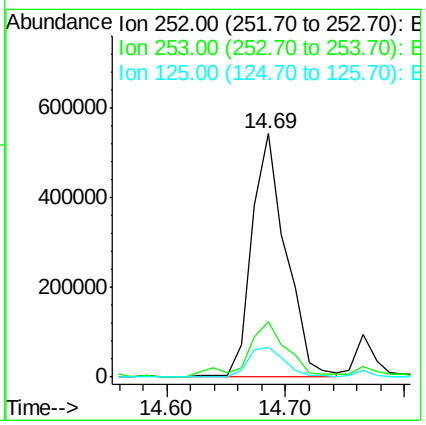


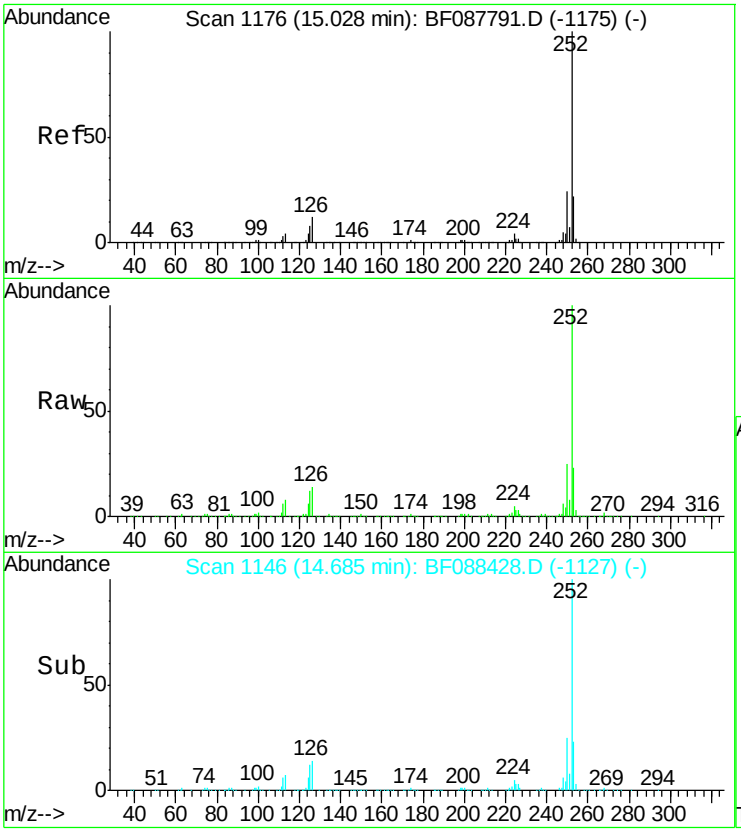


#87
Benzo(b)fluoranthene
Concen: 91.71 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:252 Resp: 1082361

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	12.3	7.1	10.7#



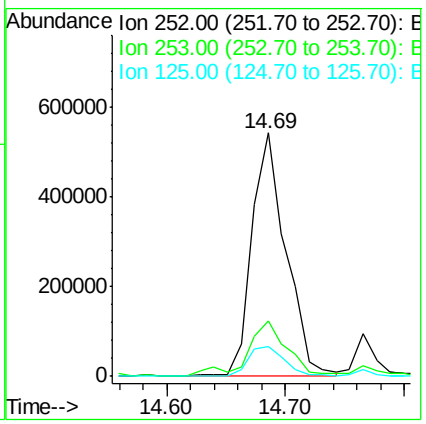


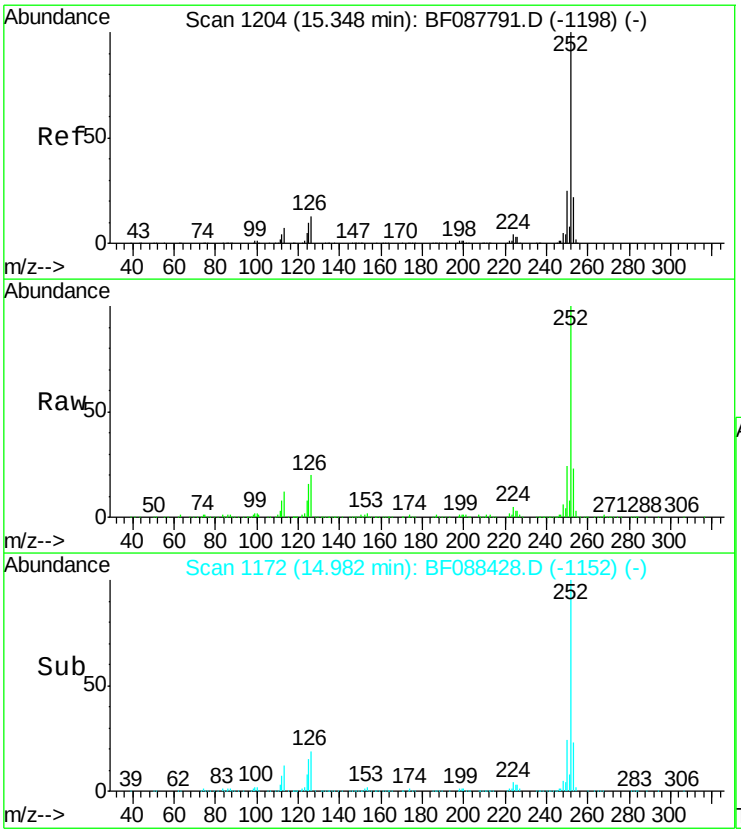
#88
Benzo(k)fluoranthene
Concen: 121.58 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:252 Resp: 1082361

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.3	11.2	16.8

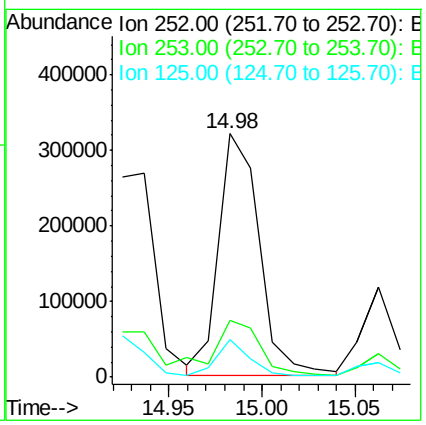


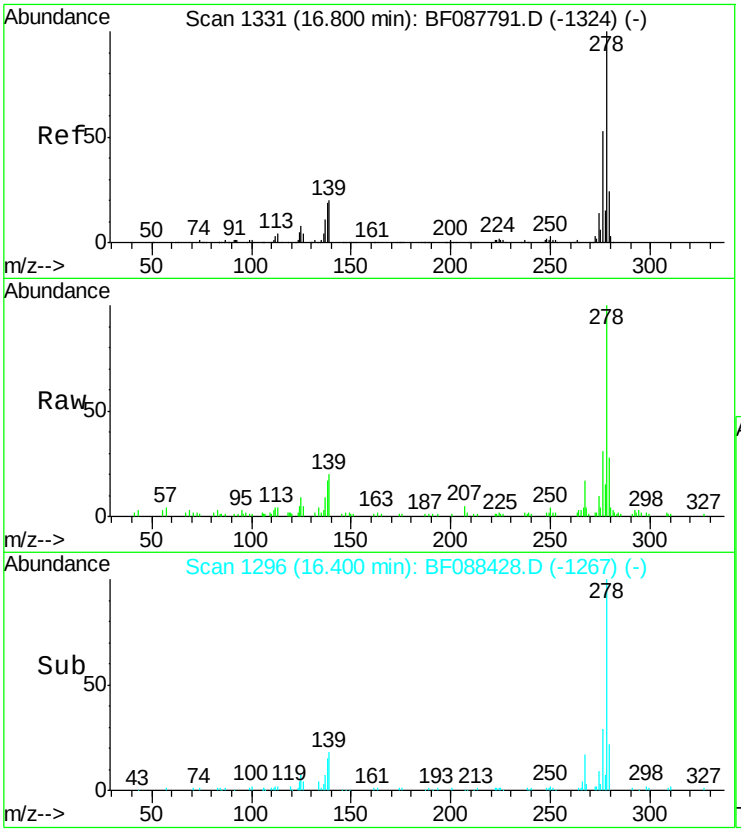


#89
Benzo(a)pyrene
Concen: 51.24 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:252 Resp: 489245

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.6	12.5	18.7



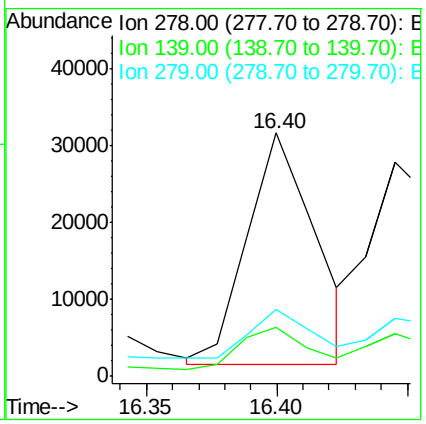


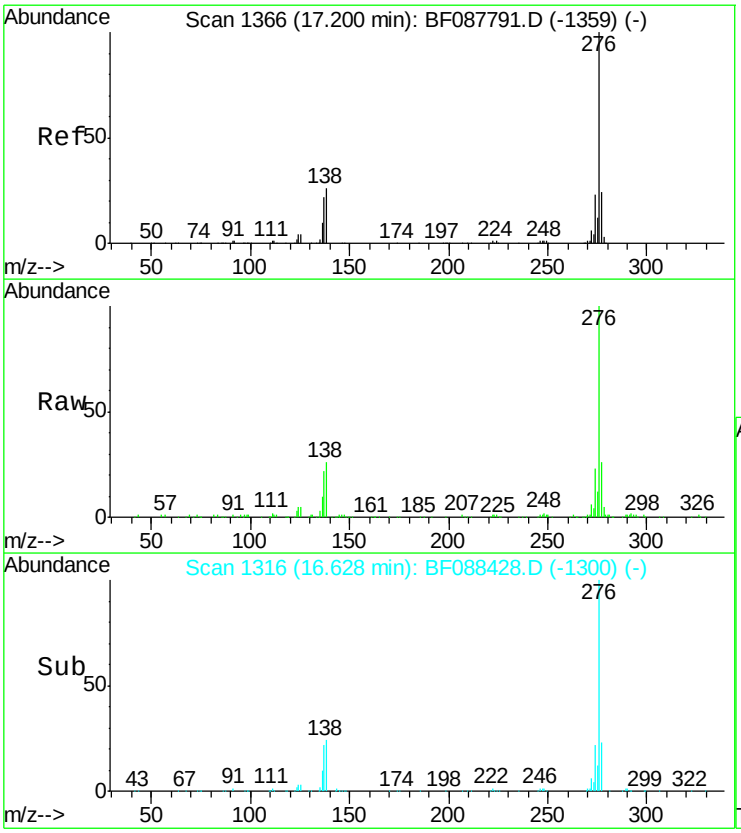
#90
Dibenzo(a,h)anthracene
Concen: 6.11 ng
RT: 16.40 min Scan# 1296
Delta R.T. 0.03 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:278 Resp: 54228

Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.7	23.5
279	27.6	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 29.28 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.11 min
Lab File: BF088428.D
Acq: 26 Jun 2016 19:55

Tgt Ion:276 Resp: 267076

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.9	28.3
138	26.2	21.4	32.2