Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091569.D
Acq On : 13 Dec 2016 22:15
Operator : UM/SJ
Sample : H5918-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-21-12-6-16

Quant Time: Dec 14 00:25:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	296883	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	1255854	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	605960	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	936555	20.00	ng		0.00
75) Chrysene-d12	13.97	240	567168	20.00	ng		0.01
86) Perylene-d12	15.38	264	673518	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2026401	114.99	ng		0.01
7) Phenol-d6	6.45	99	2974415	135.39	ng		0.00
23) Nitrobenzene-d5	7.38	82	1782457	79.22	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	569562	113.16	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2807607	80.06	ng		-0.01
78) Terphenyl-d14	12.92	244	2188526	87.56	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	246626	17.95	ng	#	64
20) 3+4-Methylphenols	7.23	107	729	Below Cal		#	71
49) Dimethylphthalate	9.57	163	1309002	34.12	ng		98
51) Acenaphthene	9.88	154	262971	7.31	ng		98
54) Dibenzofuran	10.05	168	278282	6.25	ng		94
55) 4-Nitrophenol	10.05	139	101809	13.83	ng	#	1
57) Fluorene	10.40	166	433282	9.72	ng		98
64) 4,6-Dinitro-2-methylphenol	10.64	198	1171	3.14	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	36233	3.77	ng	#	1
70) Phenanthrene	11.36	178	3447280	74.33	ng		98
71) Anthracene	11.40	178	1189339	23.78	ng		98
72) Carbazole	11.56	167	543613	12.40	ng		98
74) Fluoranthene	12.55	202	4452095	91.68	ng		93
77) Pyrene	12.77	202	3406523	75.71	ng		97
80) Benzo(a)anthracene	13.96	228	1985900	60.29	ng		99
82) Chrysene	14.00	228	1632638	47.38	ng		97
85) Indeno(1,2,3-cd)pyrene	16.59	276	134482	4.34	ng		90
87) Benzo(b)fluoranthene	14.98	252	2370160	59.03	ng		98
88) Benzo(k)fluoranthene	14.98	252	2370160	67.14	ng		99
89) Benzo(a)pyrene	15.32	252	1137931	31.46	ng		98
90) Dibenzo(a,h)anthracene	16.75	278	157073	4.85	ng		94
91) Benzo(g,h,i)perylene	17.16	276	501146	15.20	ng		96

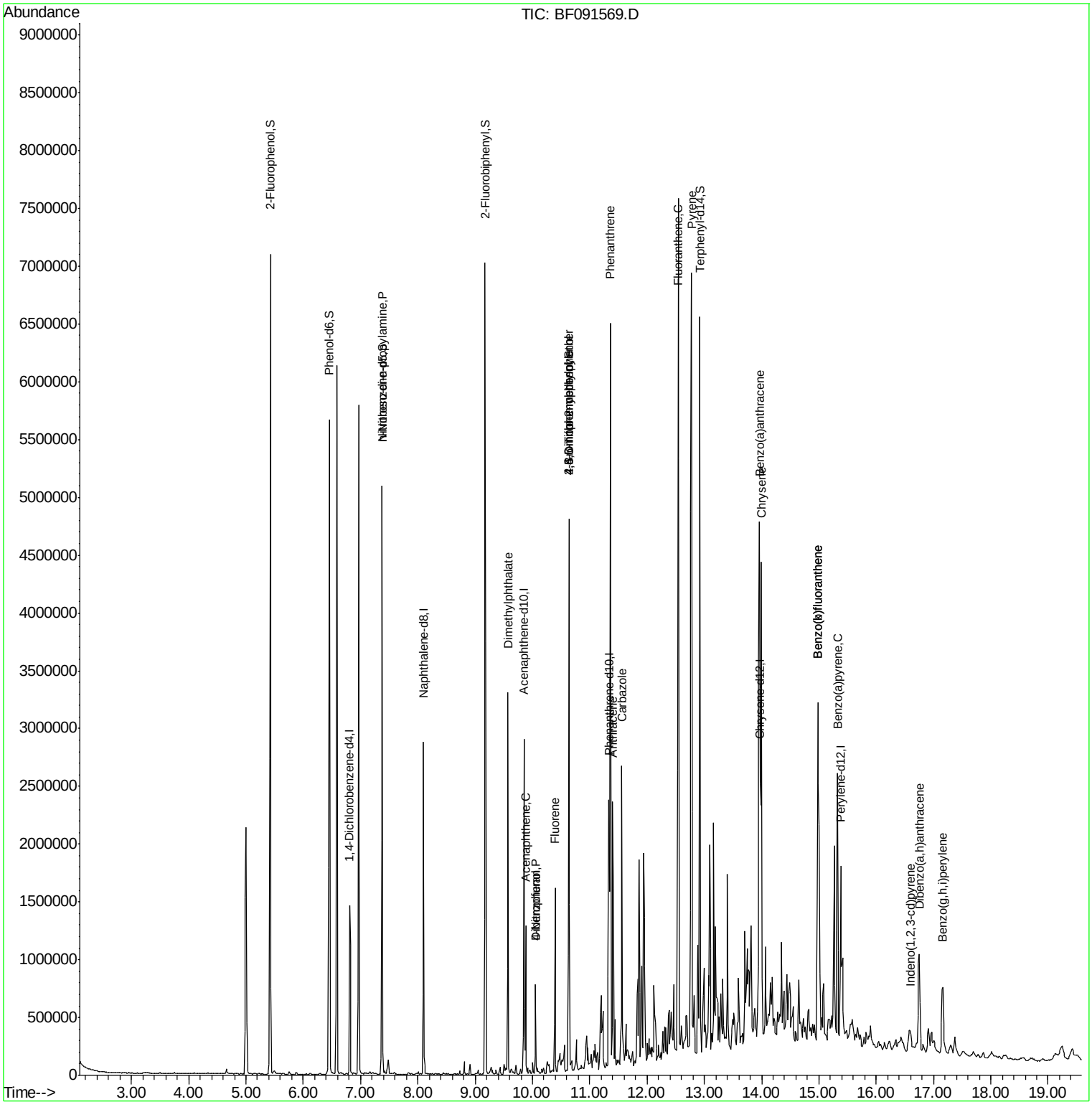
(#) = qualifier out of range (m) = manual integration (+) = signals summed

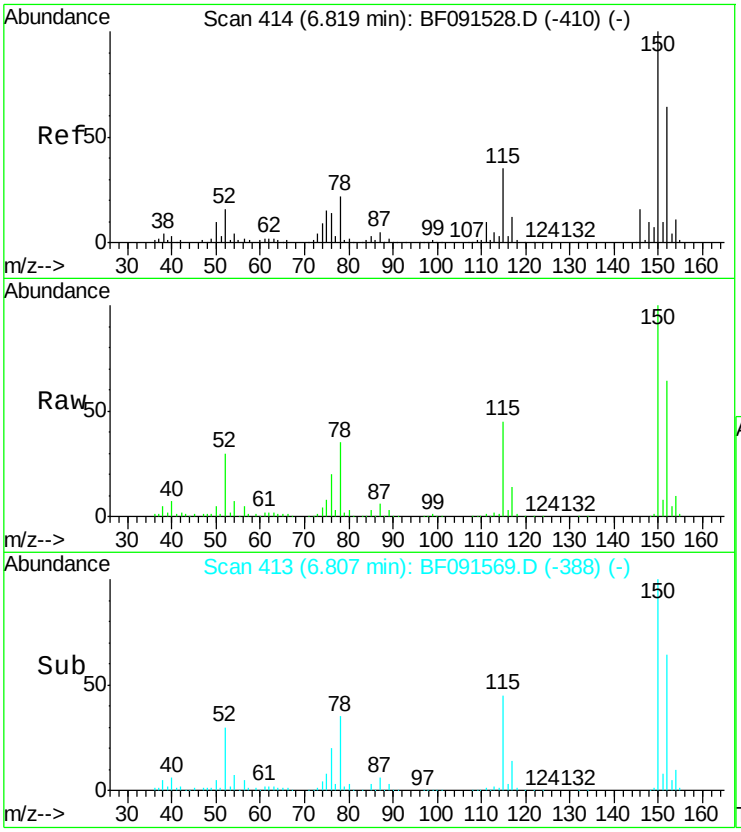
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091569.D
Acq On : 13 Dec 2016 22:15
Operator : UM/SJ
Sample : H5918-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Quant Time: Dec 14 00:25:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



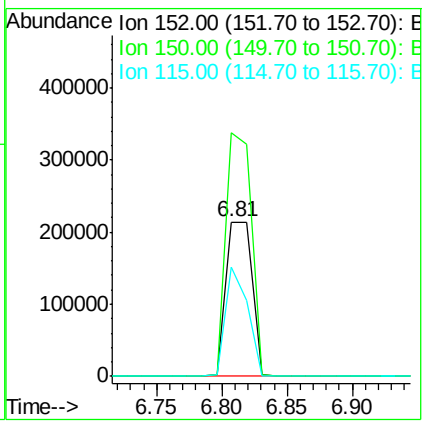


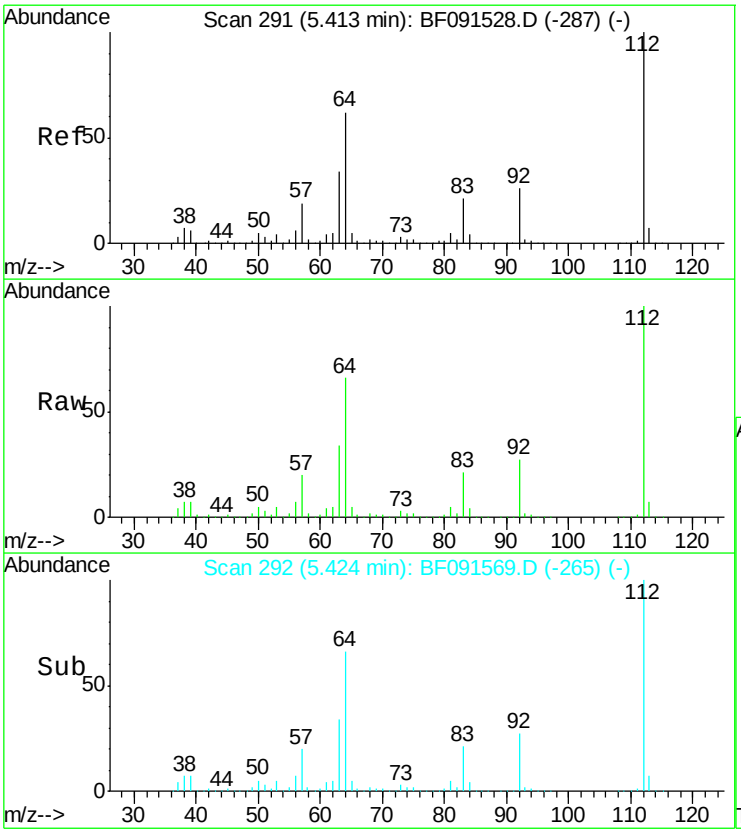
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:152 Resp: 296883

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.5	183.7
115	70.3	51.8	77.8

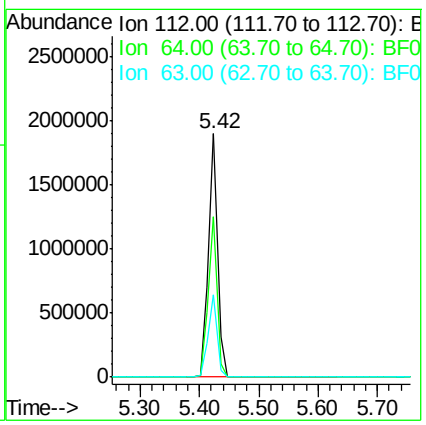


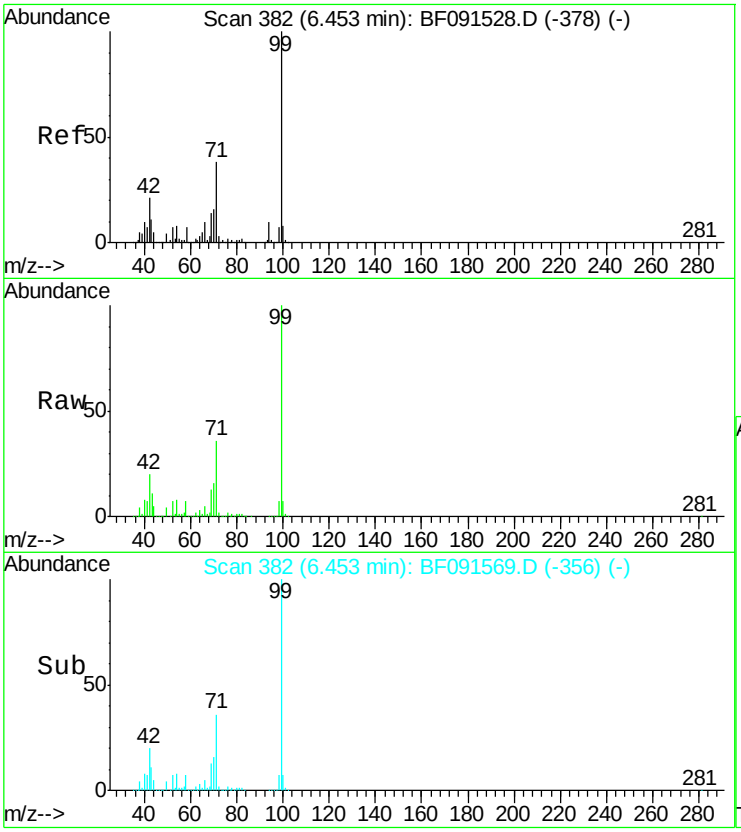


#5
2-Fluorophenol
Concen: 114.99 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:112 Resp: 2026401

Ion	Ratio	Lower	Upper
112	100		
64	65.9	61.5	92.3
63	34.0	33.3	49.9



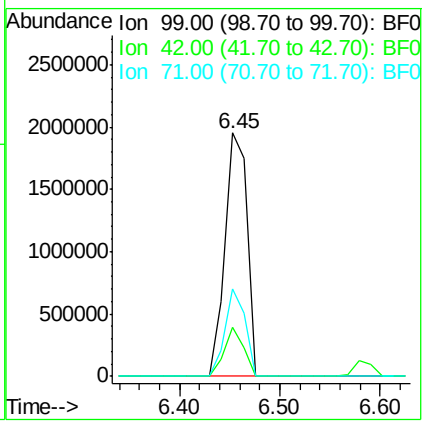


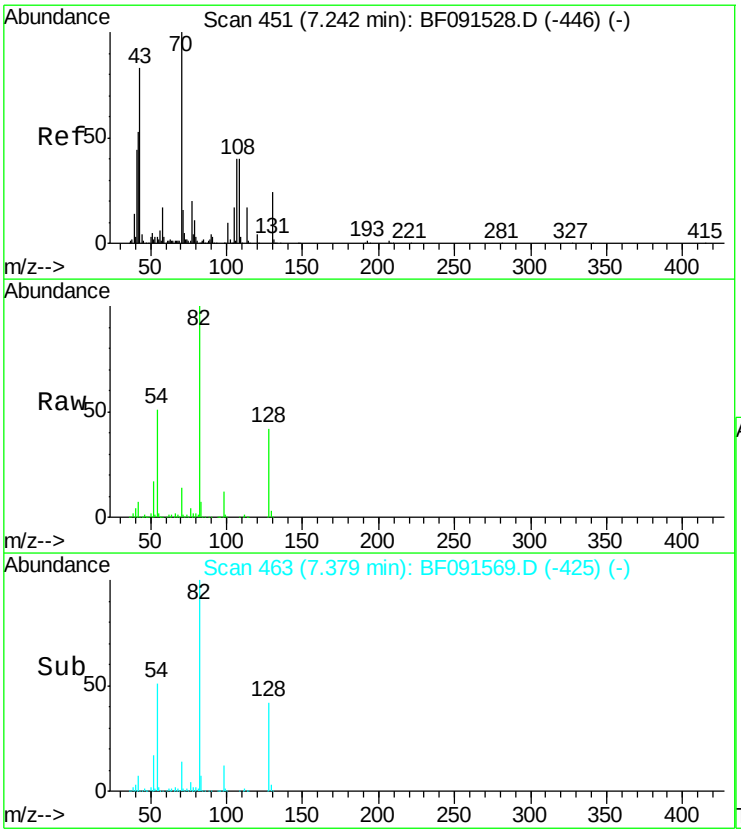
#7
Phenol-d6
Concen: 135.39 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion: 99 Resp: 2974415

Ion	Ratio	Lower	Upper
99	100		
42	20.4	20.6	31.0#
71	35.7	29.9	44.9

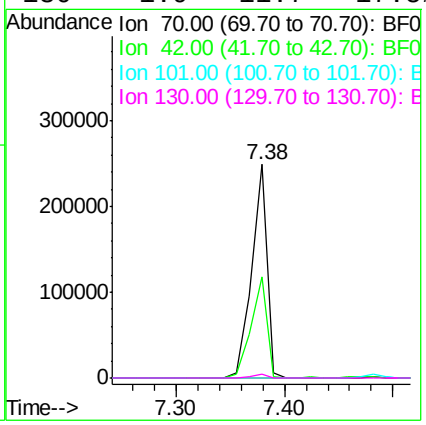


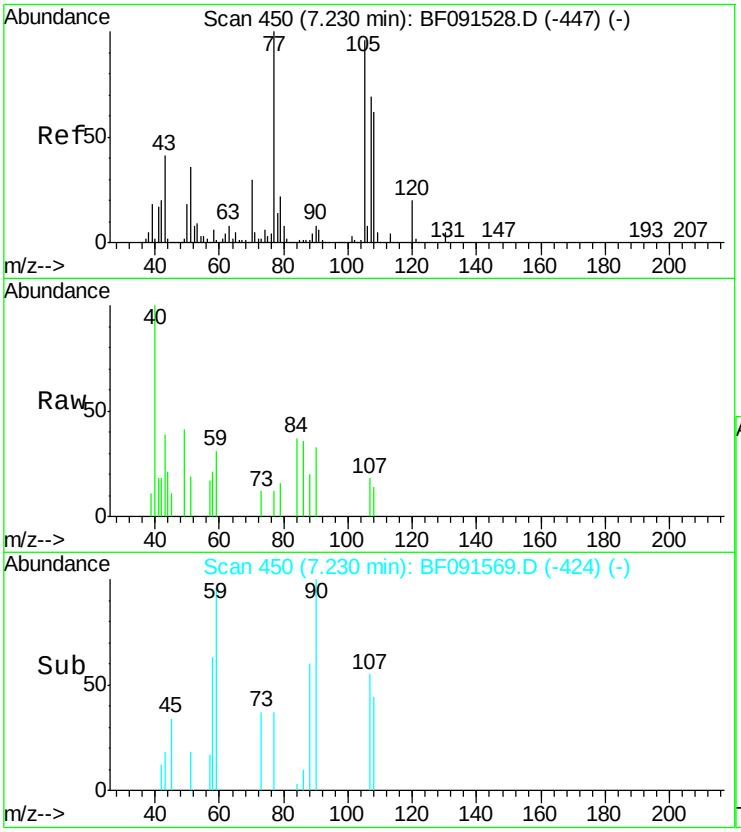


#19
n-Nitroso-di-n-propylamine
Concen: 17.95 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion: 70 Resp: 246626

Ion	Ratio	Lower	Upper
70	100		
42	47.4	64.8	97.2#
101	0.0	6.2	9.4#
130	1.9	11.7	17.5#



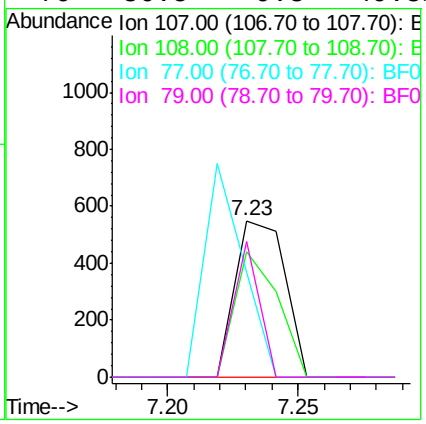


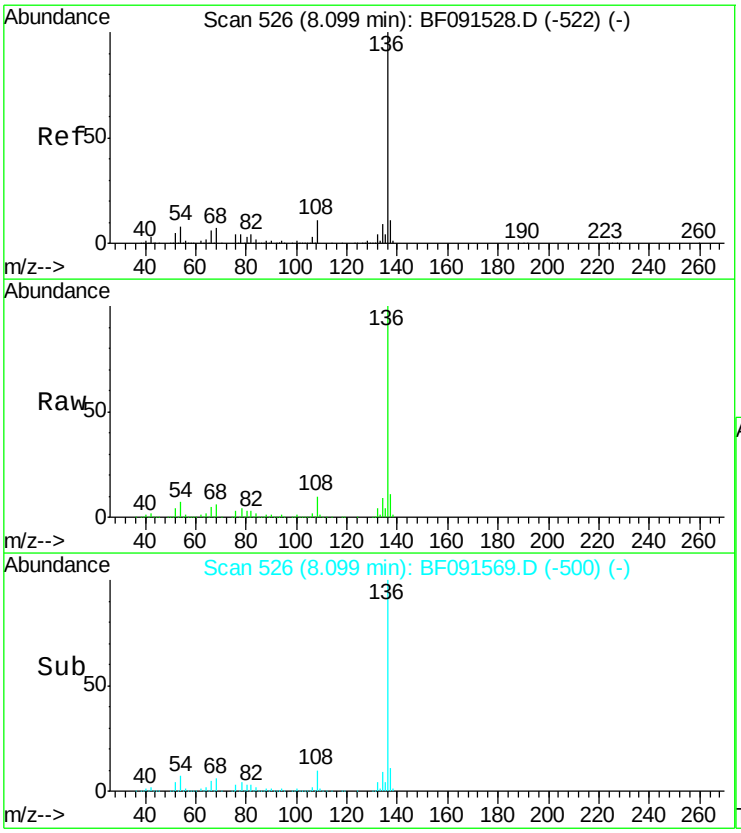
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:107 Resp: 729

Ion	Ratio	Lower	Upper
107	100		
108	80.0	64.6	104.6
77	66.8	30.9	70.9
79	86.5	9.3	49.3#

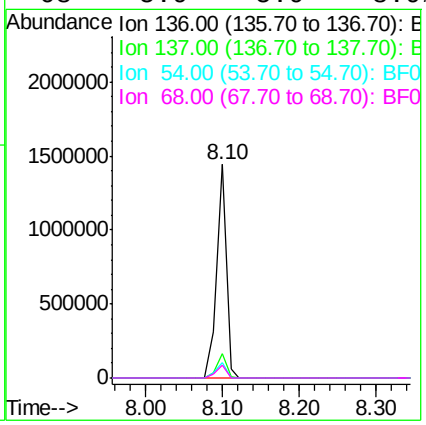


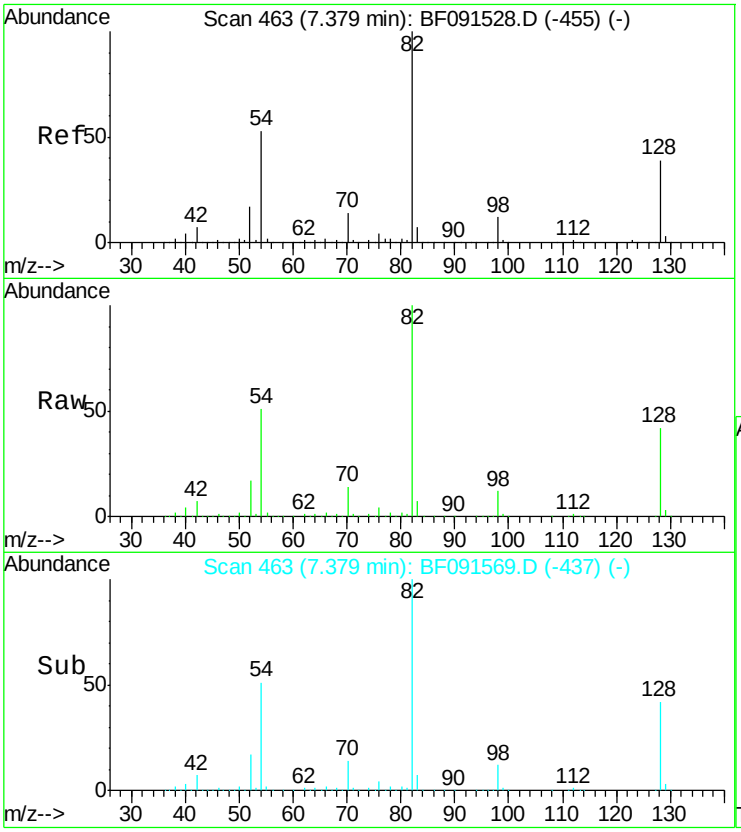


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:136 Resp: 1255854

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	9.1	13.7#
68	5.9	5.9	8.9#



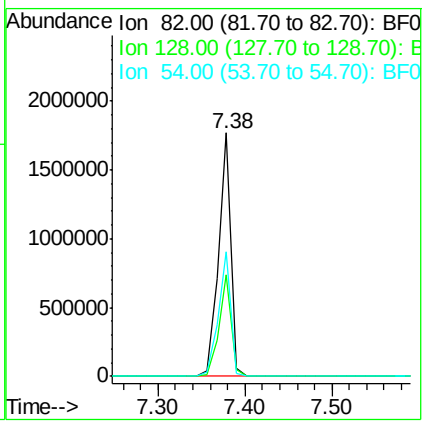


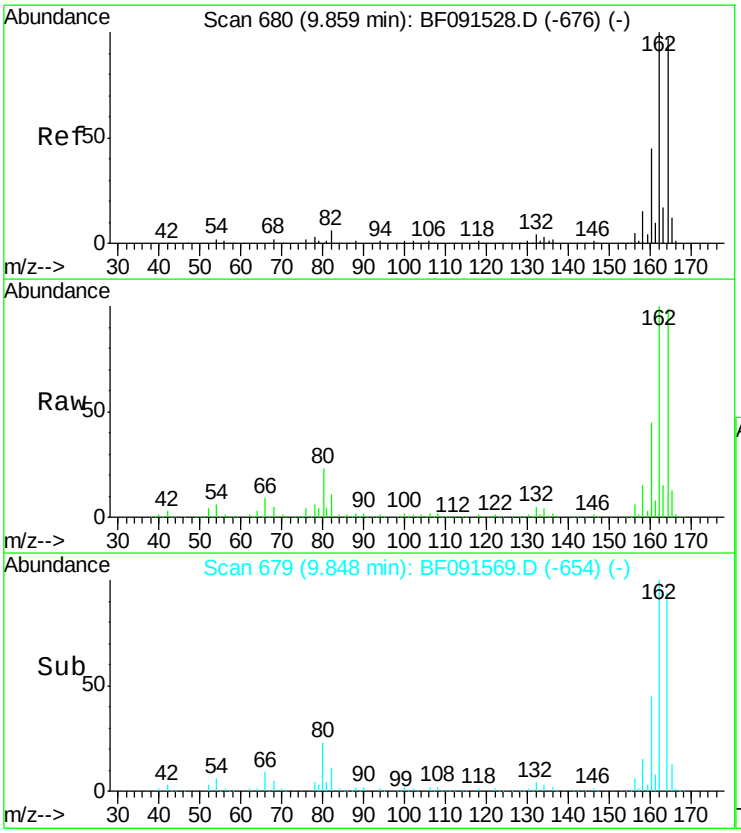
#23
Nitrobenzene-d5
Concen: 79.22 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion: 82 Resp: 1782457

Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.8	47.6
54	51.4	49.1	73.7

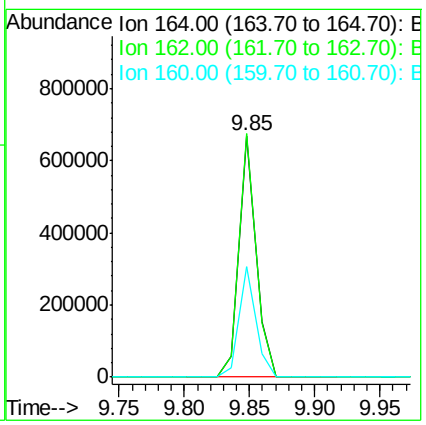


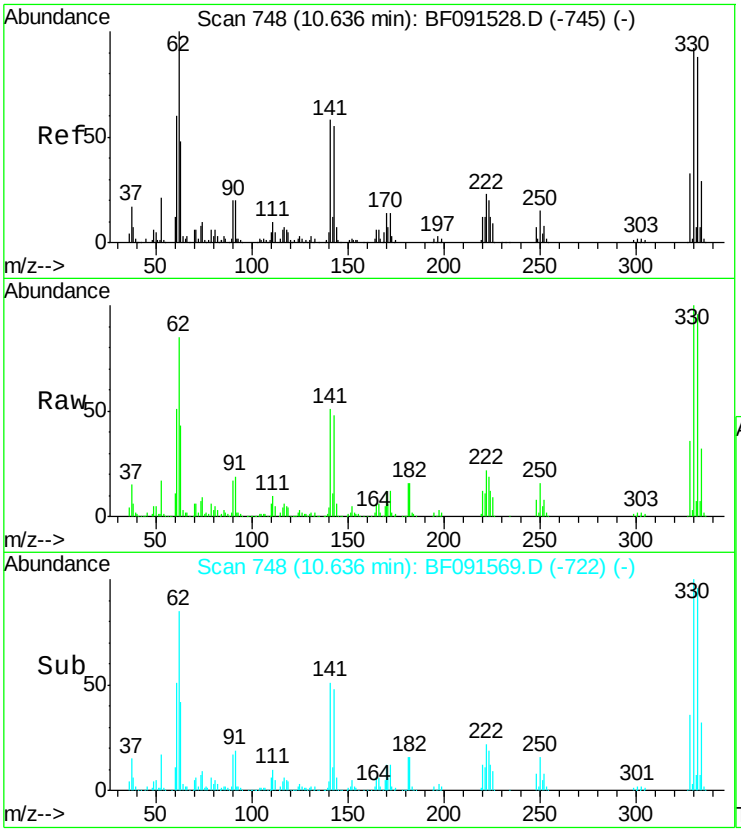


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:164 Resp: 605960

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	124.0
160	45.6	36.7	55.1



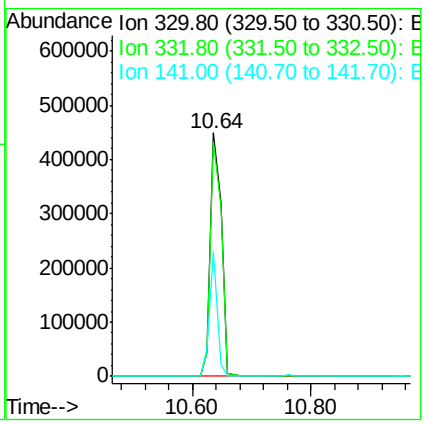


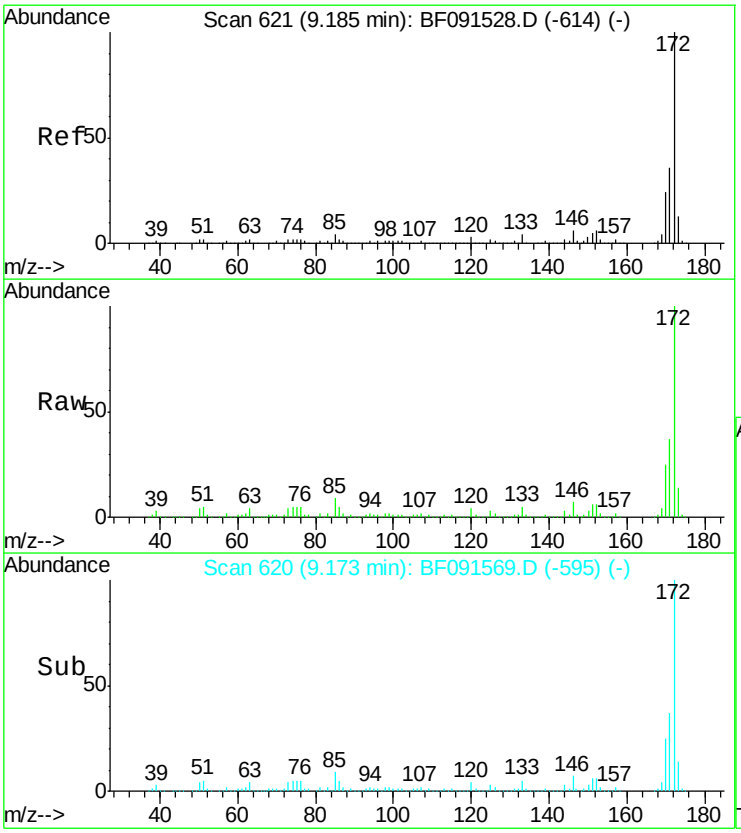
#41
2,4,6-Tribromophenol
Concen: 113.16 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:330 Resp: 569562

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	37.3	33.6	50.4

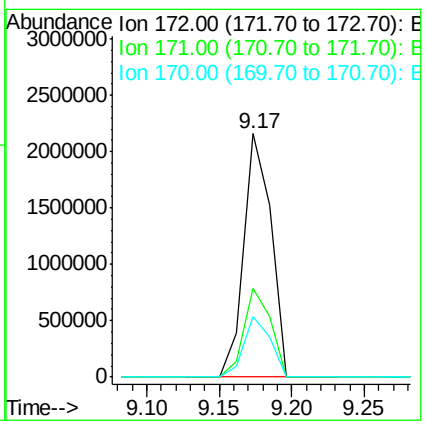


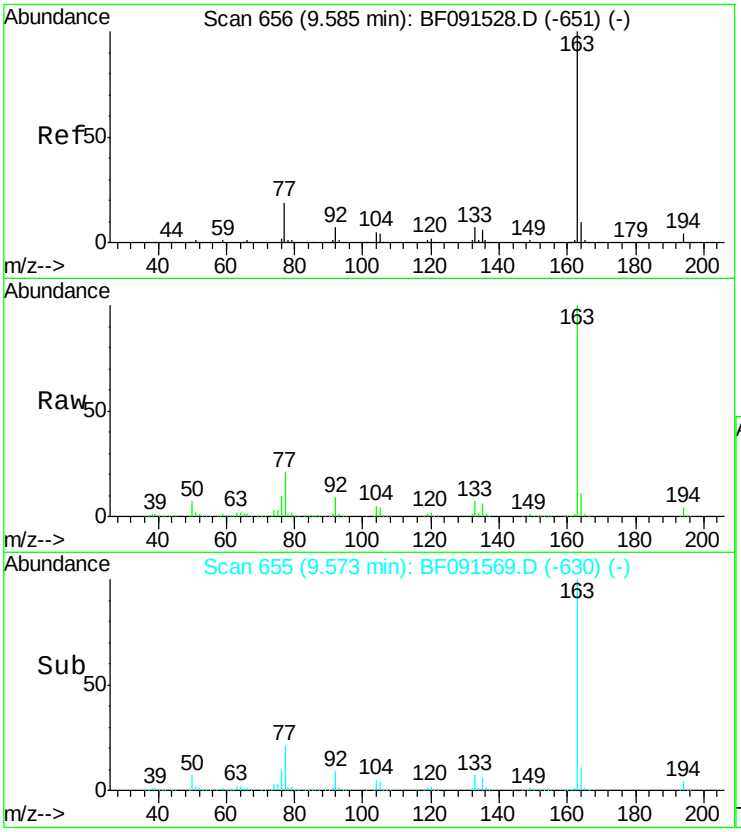


#44
2-Fluorobiphenyl
Concen: 80.06 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:172 Resp: 2807607

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.7	19.7	29.5



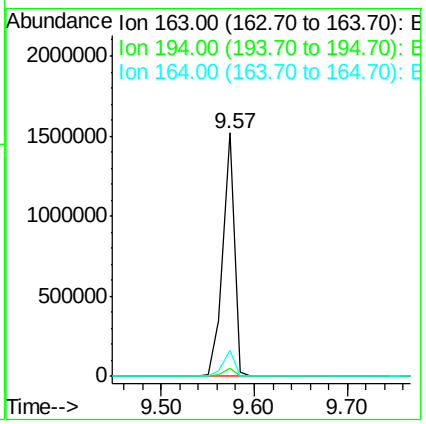


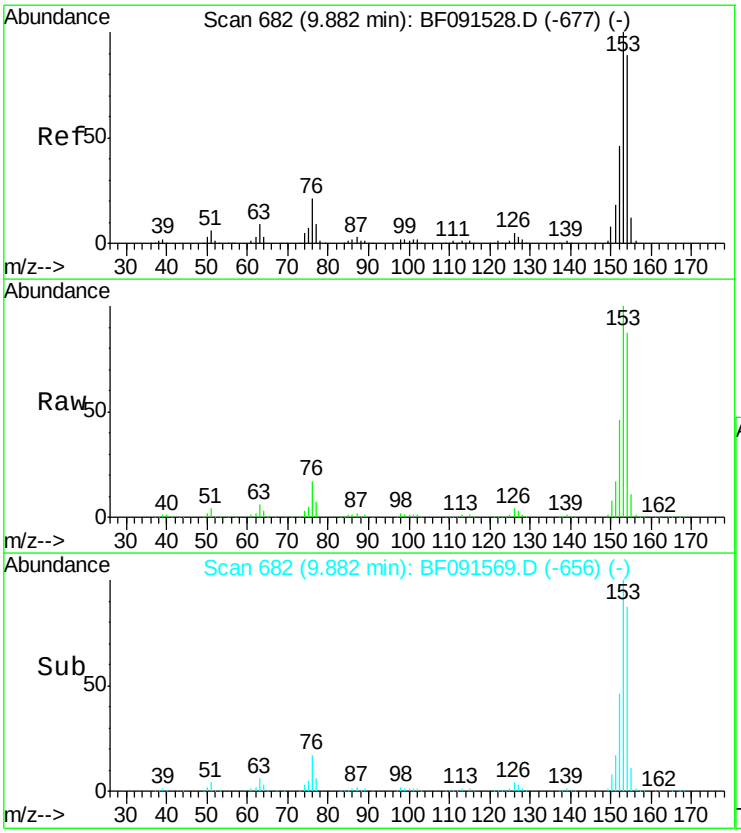
#49
Dimethylphthalate
Concen: 34.12 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:163 Resp: 1309002

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.6	7.8	11.8

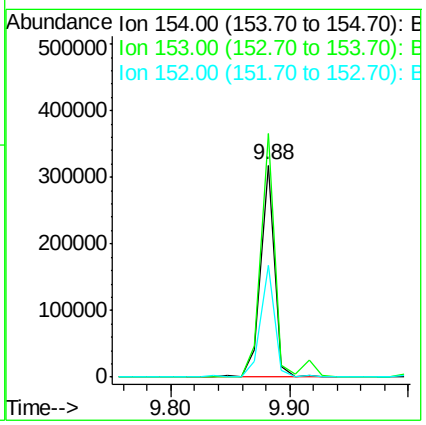


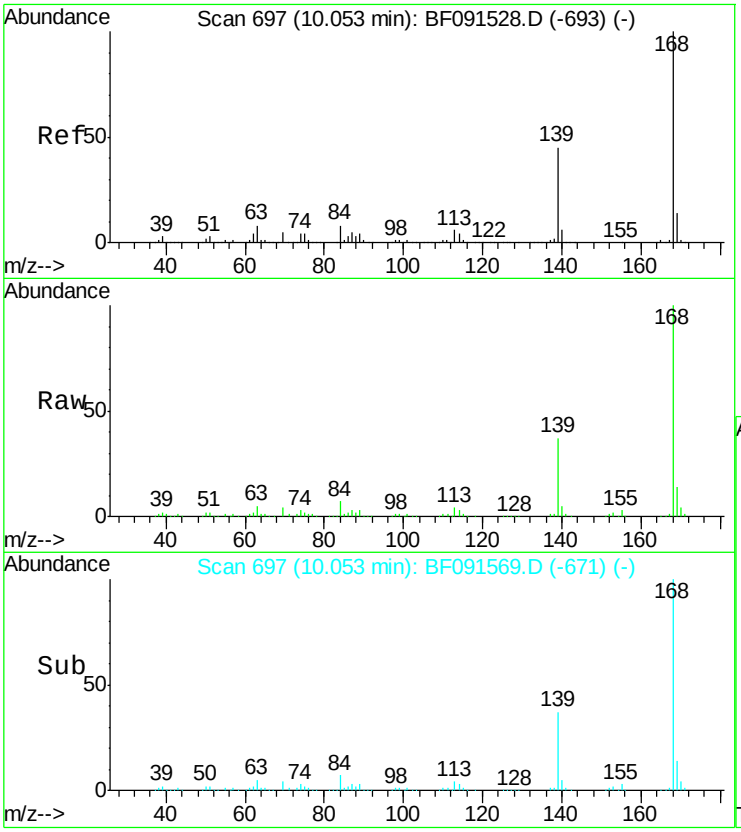


#51
Acenaphthene
Concen: 7.31 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:154 Resp: 262971

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.0	136.6
152	52.9	44.2	66.2



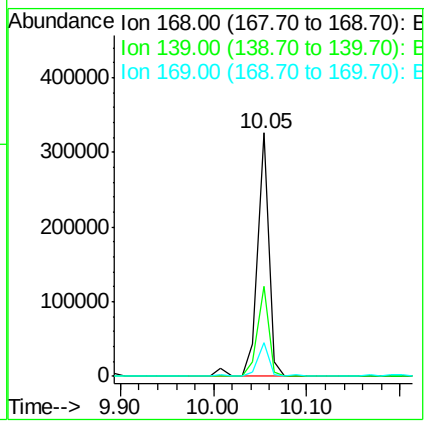


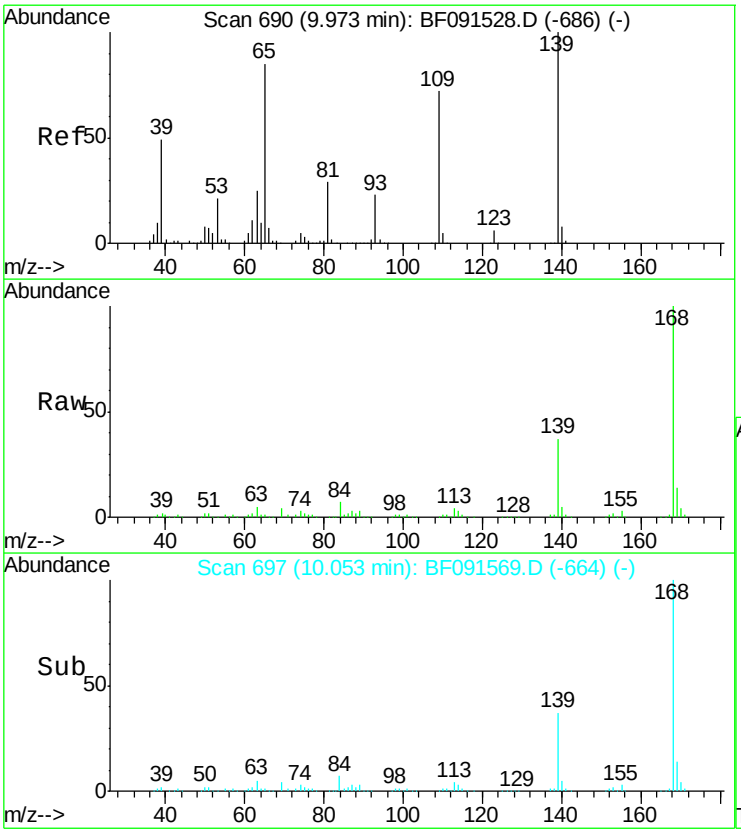
#54
Dibenzofuran
Concen: 6.25 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:168 Resp: 278282

Ion	Ratio	Lower	Upper
168	100		
139	37.2	33.4	50.2
169	13.6	11.1	16.7

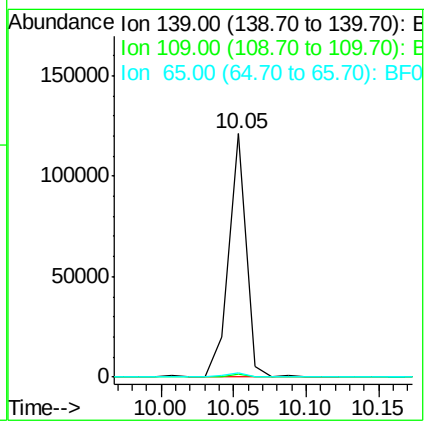


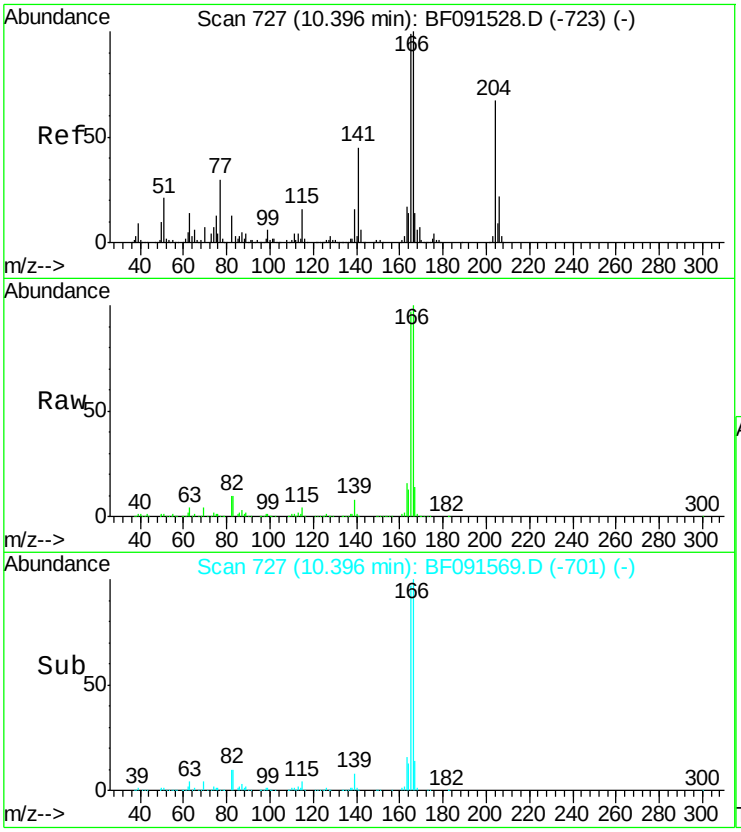


#55
4-Nitrophenol
Concen: 13.83 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.08 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:139 Resp: 101809

Ion	Ratio	Lower	Upper
139	100		
109	1.0	54.9	94.9#
65	1.5	102.2	142.2#



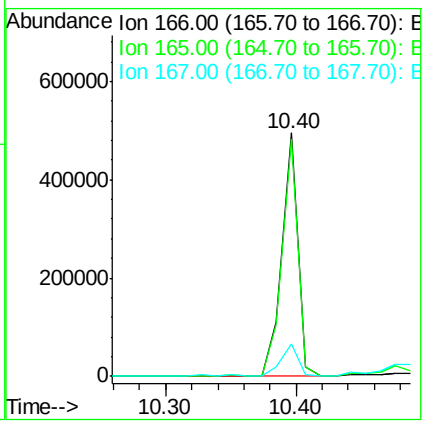


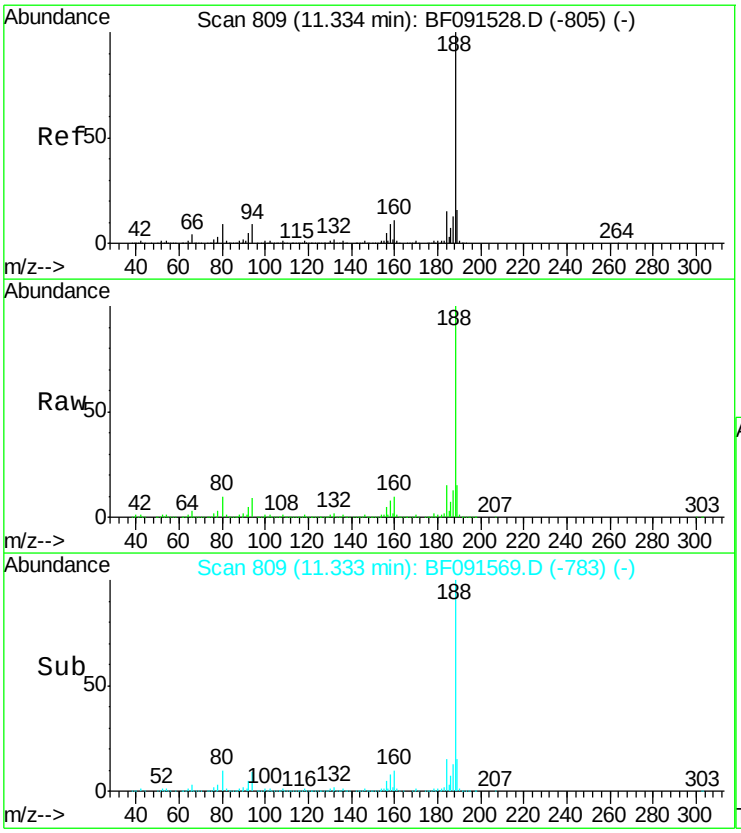
#57
Fluorene
Concen: 9.72 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:166 Resp: 433282

Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.0	120.0
167	13.6	10.8	16.2

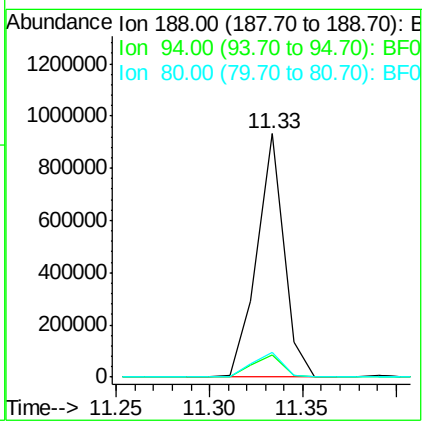


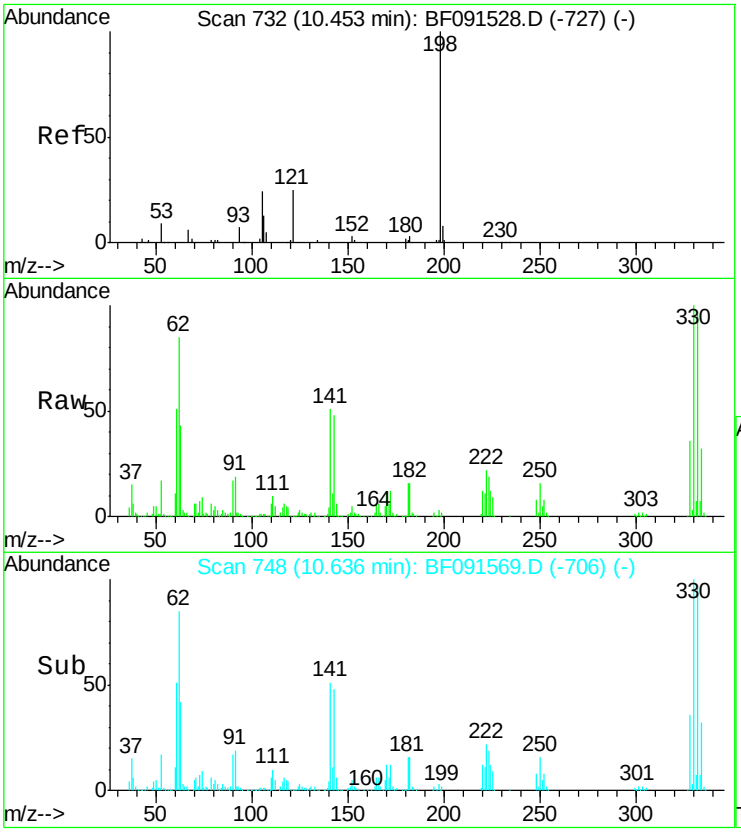


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:188 Resp: 936555

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.2	13.8#
80	10.0	10.5	15.7#



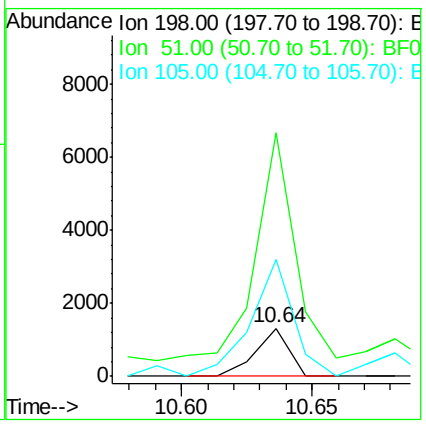


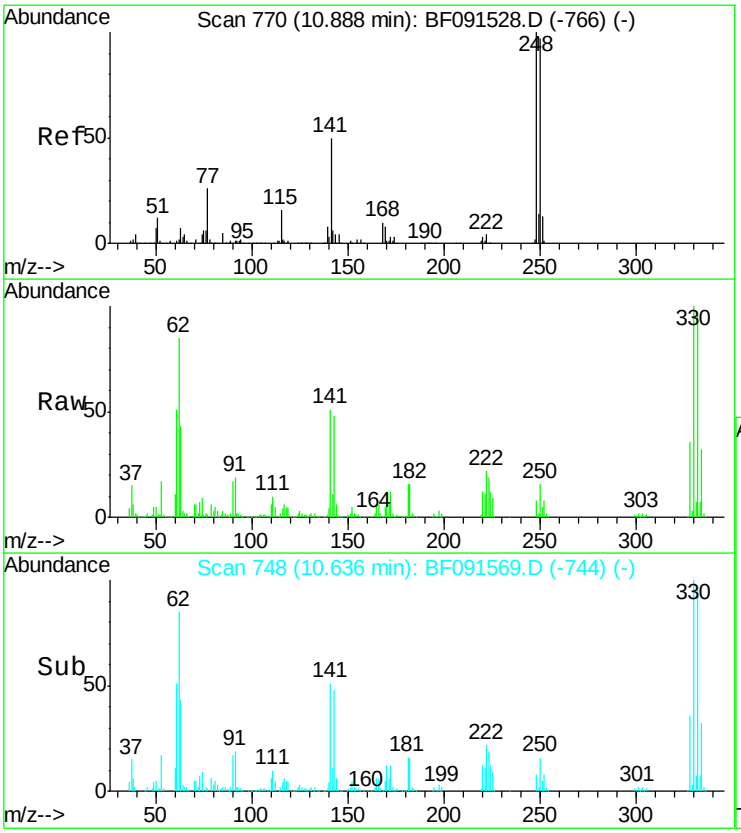
#64
4,6-Dinitro-2-methylphenol
Concen: 3.14 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.18 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:198 Resp: 1171

Ion	Ratio	Lower	Upper
198	100		
51	503.8	77.1	117.1#
105	242.1	44.8	84.8#

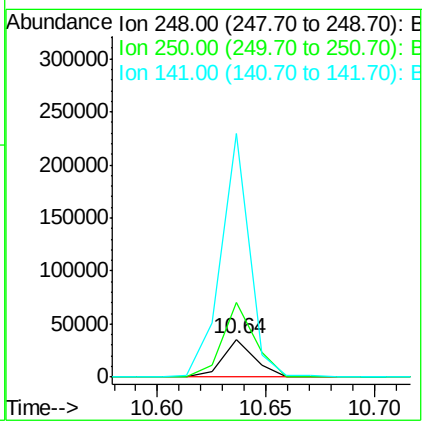


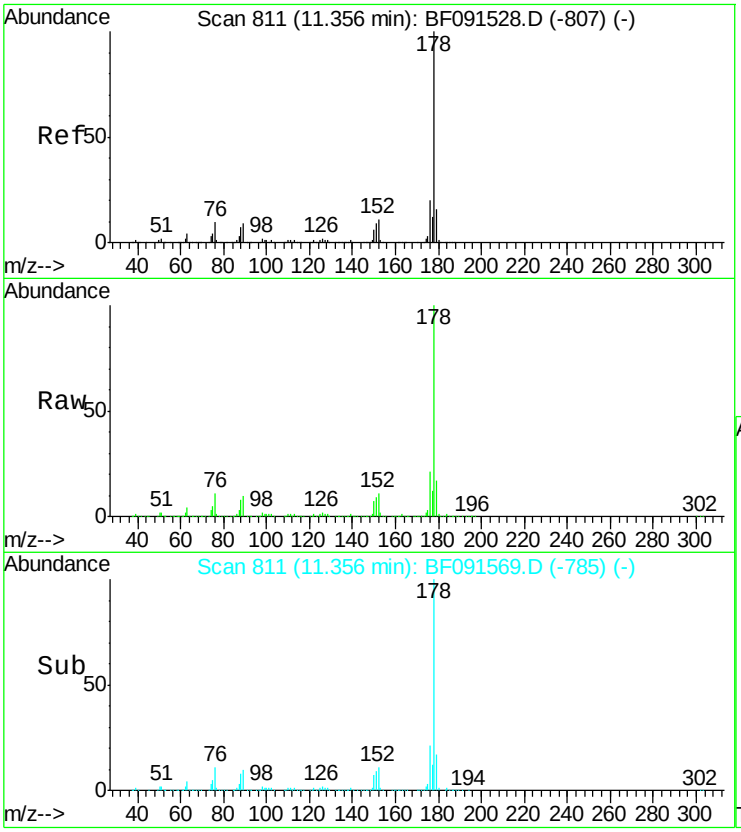


#66
4-Bromophenyl-phenylether
Concen: 3.77 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:248 Resp: 36233

Ion	Ratio	Lower	Upper
248	100		
250	195.0	78.2	117.4#
141	639.3	71.9	107.9#



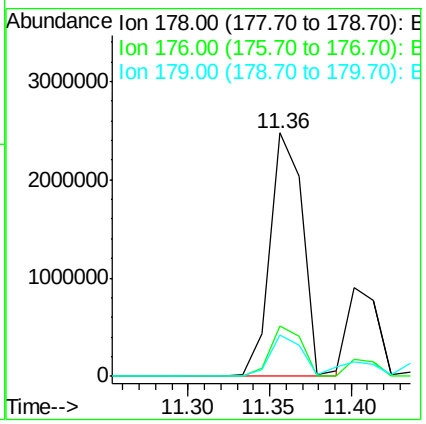


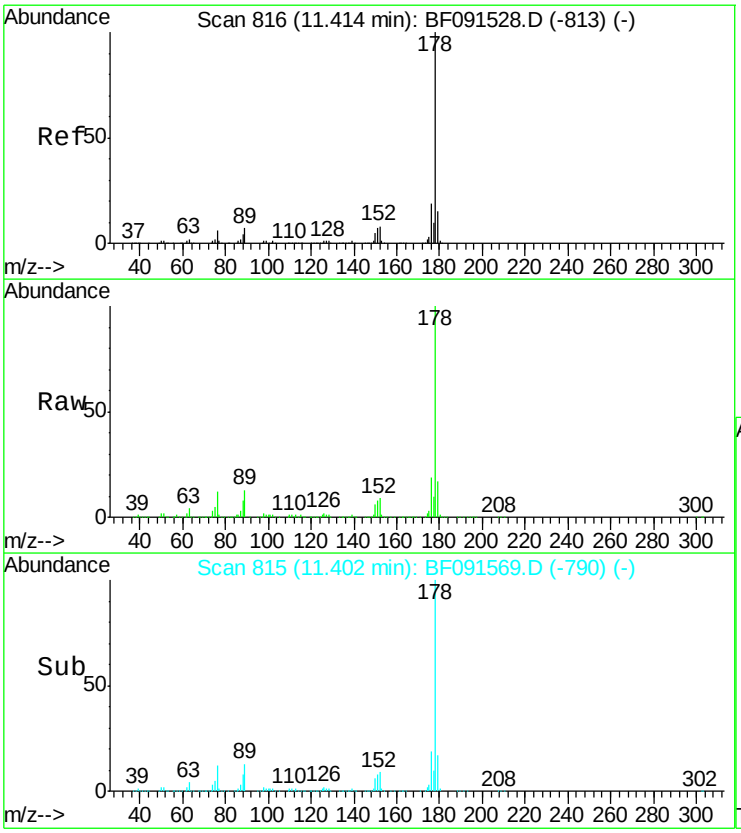
#70
Phenanthrene
Concen: 74.33 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:178 Resp: 3447280

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.9	23.9
179	17.0	12.6	18.8

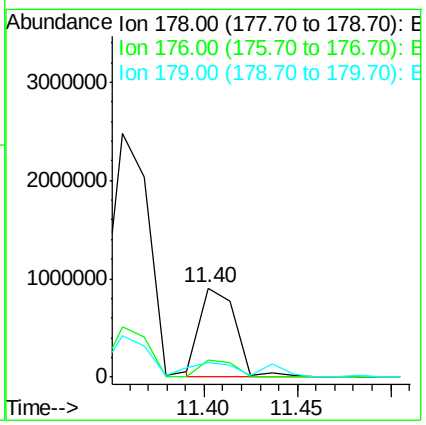


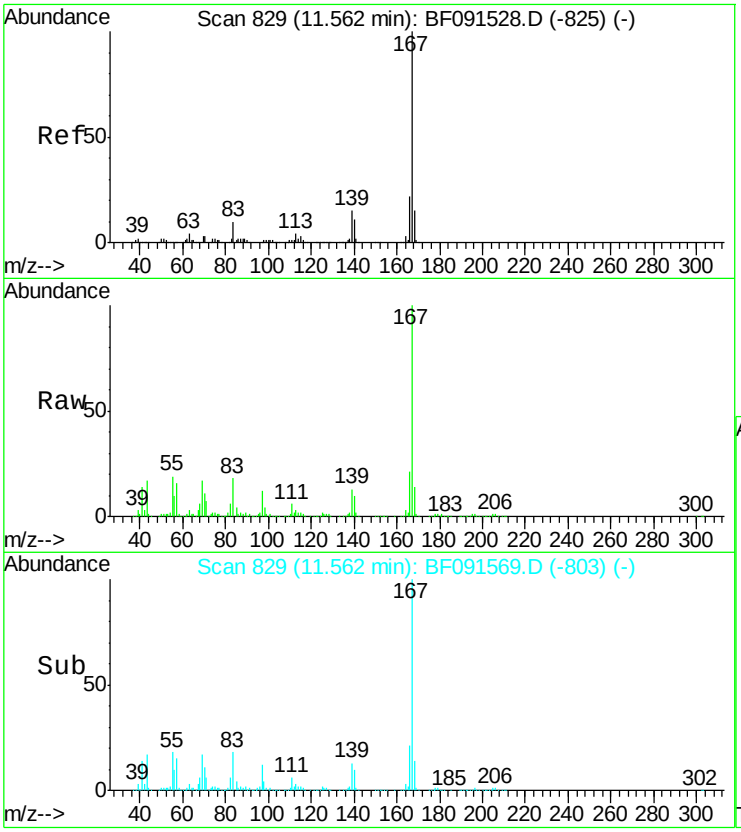


#71
Anthracene
Concen: 23.78 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:178 Resp: 1189339

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	16.7	12.7	19.1

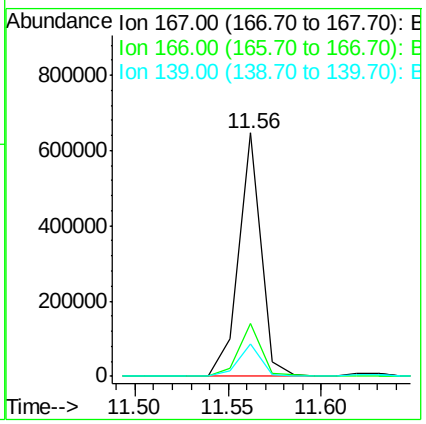




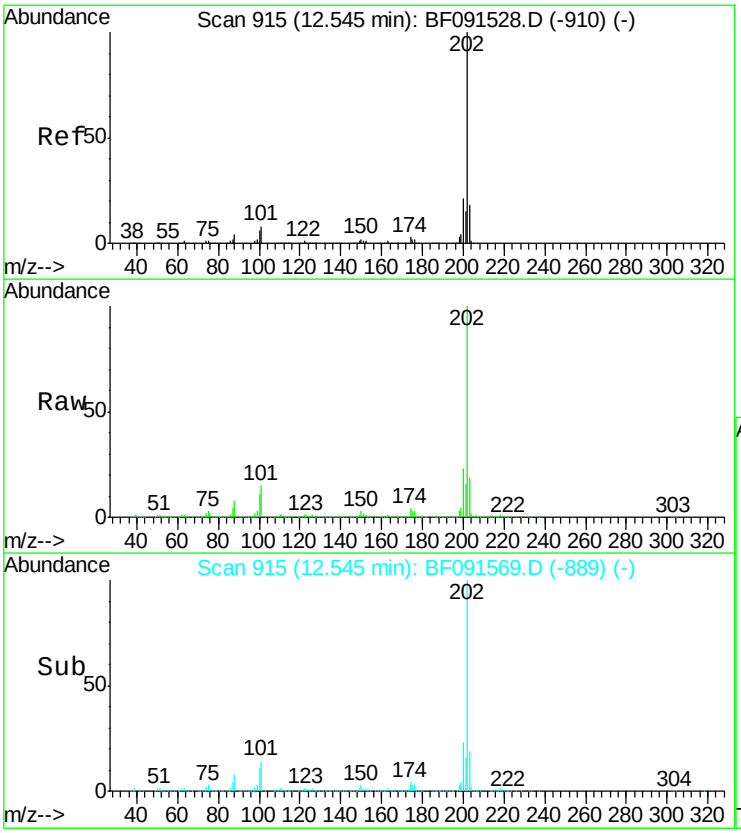
#72
Carbazole
Concen: 12.40 ng
RT: 11.56 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:167 Resp: 543613

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	13.5	11.5	17.3



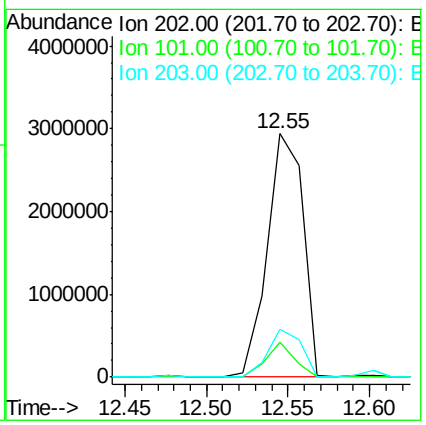
Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

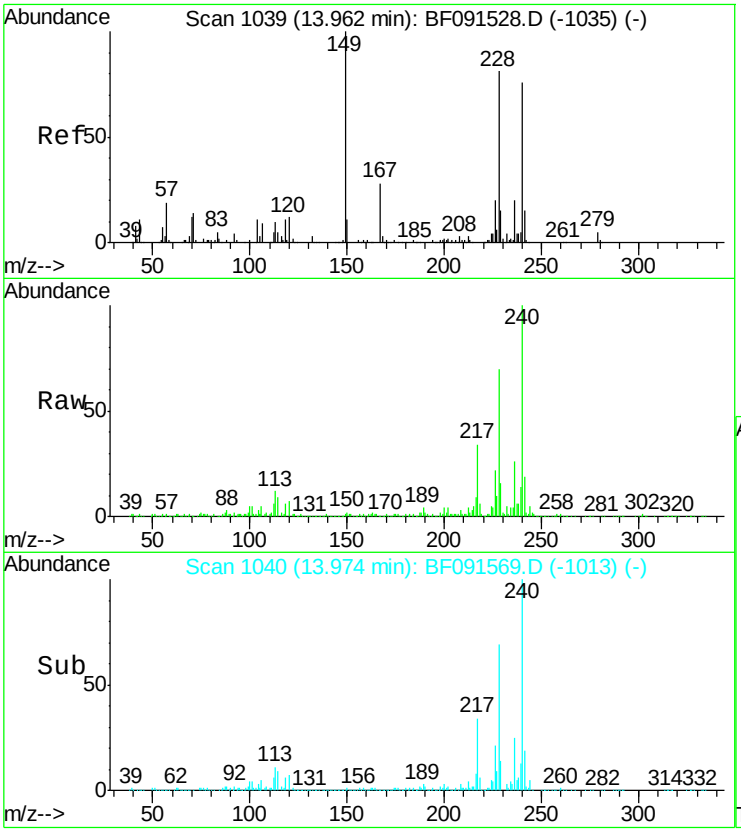


#74
Fluoranthene
Concen: 91.68 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:202 Resp: 4452095

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	29.5
203	19.5	0.0	37.8



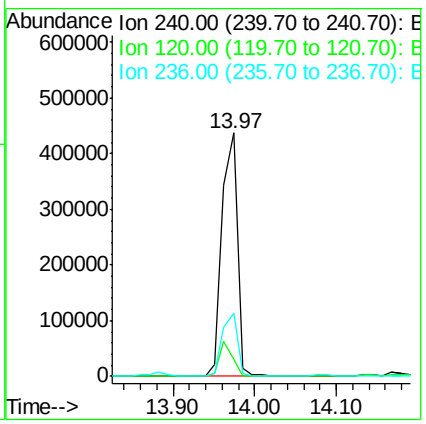


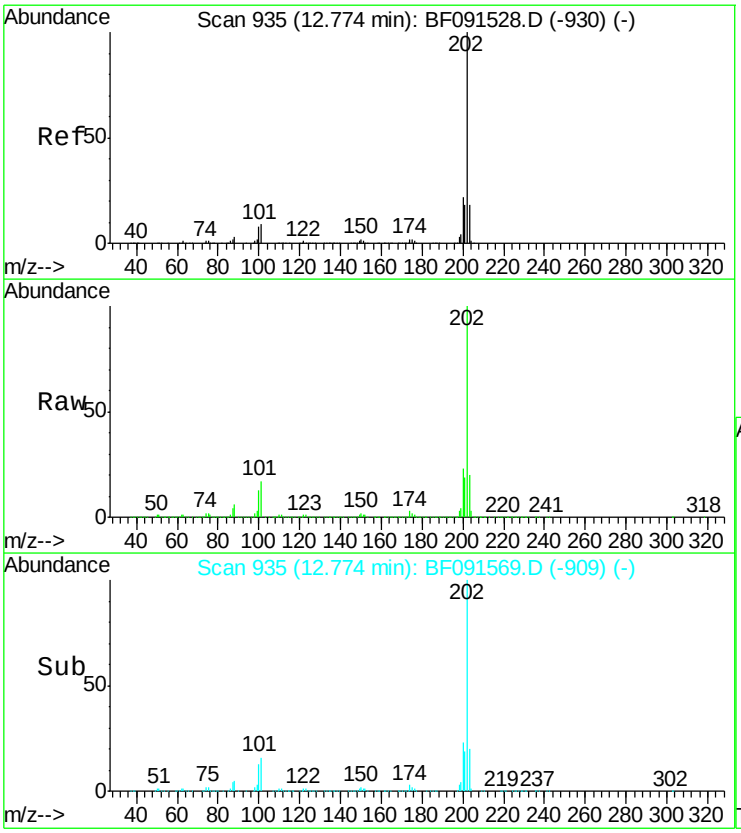
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:240 Resp: 567168

Ion	Ratio	Lower	Upper
240	100		
120	6.9	12.1	18.1#
236	25.7	21.0	31.6

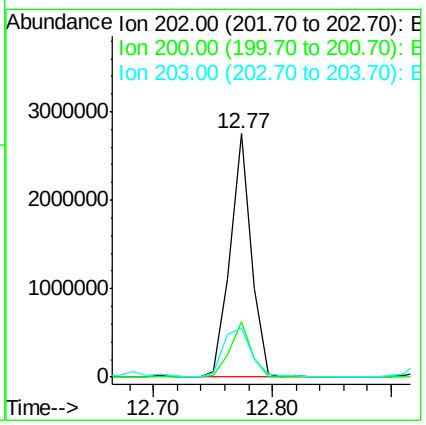


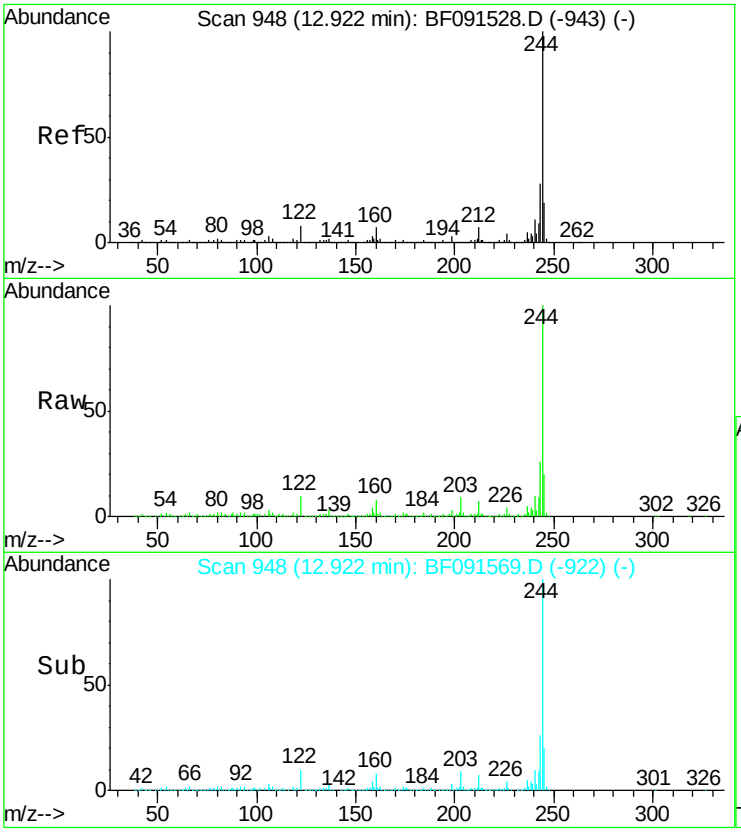


#77
Pyrene
Concen: 75.71 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:202 Resp: 3406523

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	20.1	14.0	21.0



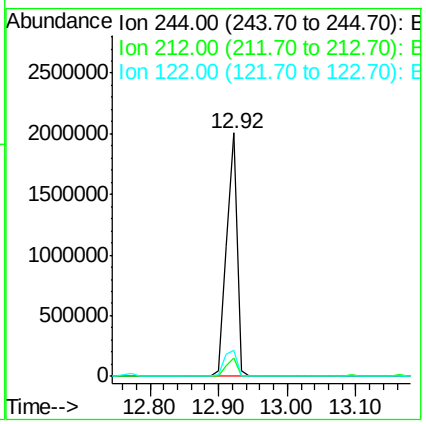


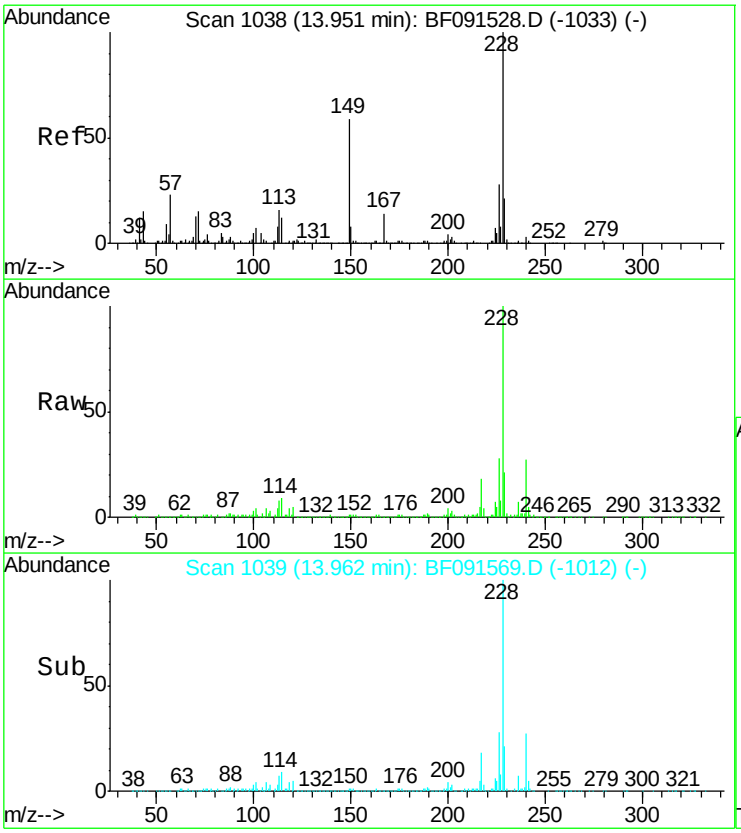
#78
Terphenyl-d14
Concen: 87.56 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:244 Resp: 2188526

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	10.4	9.5	14.3

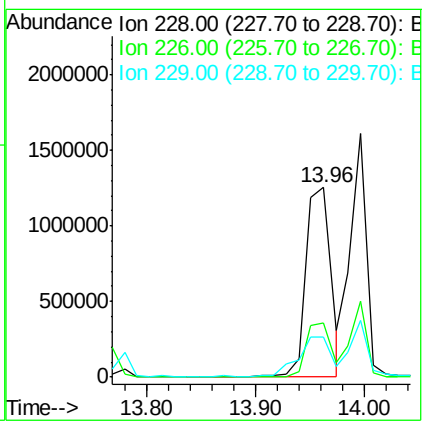


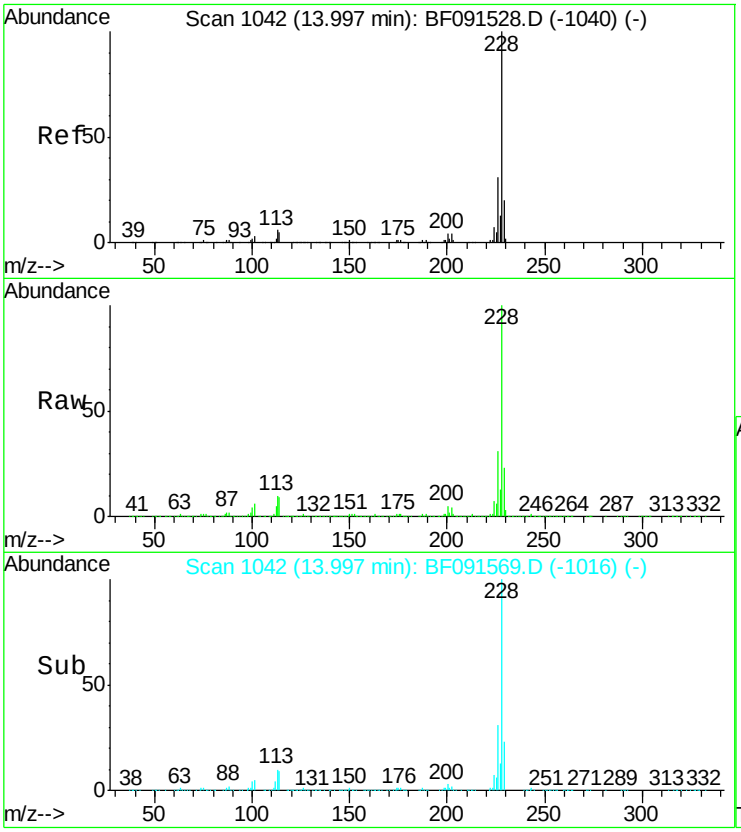


#80
Benzo(a)anthracene
Concen: 60.29 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:228 Resp: 1985900

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.9	16.4	24.6



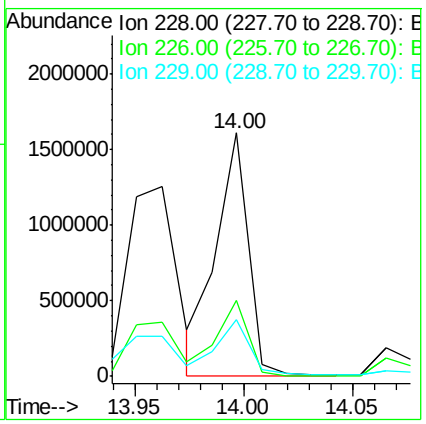


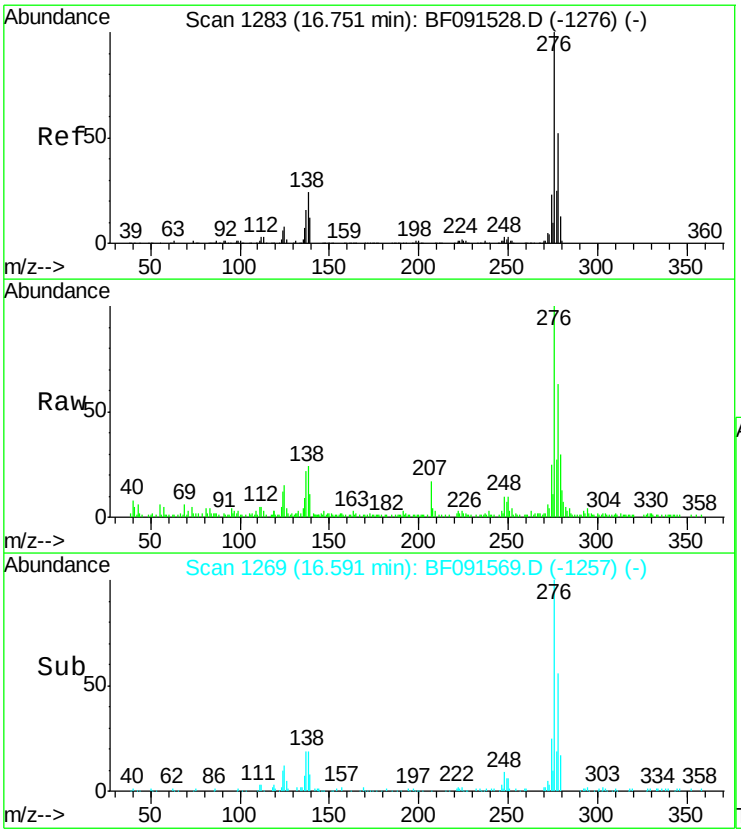
#82
Chrysene
Concen: 47.38 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:228 Resp: 1632638

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.4
229	23.1	16.0	24.0

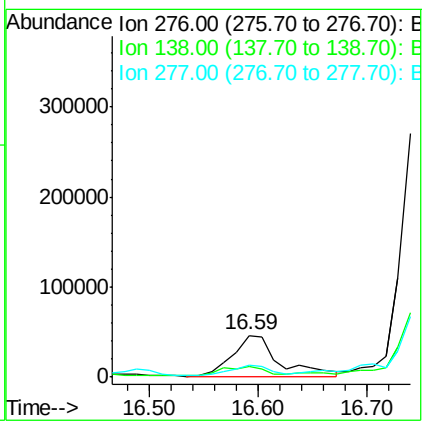


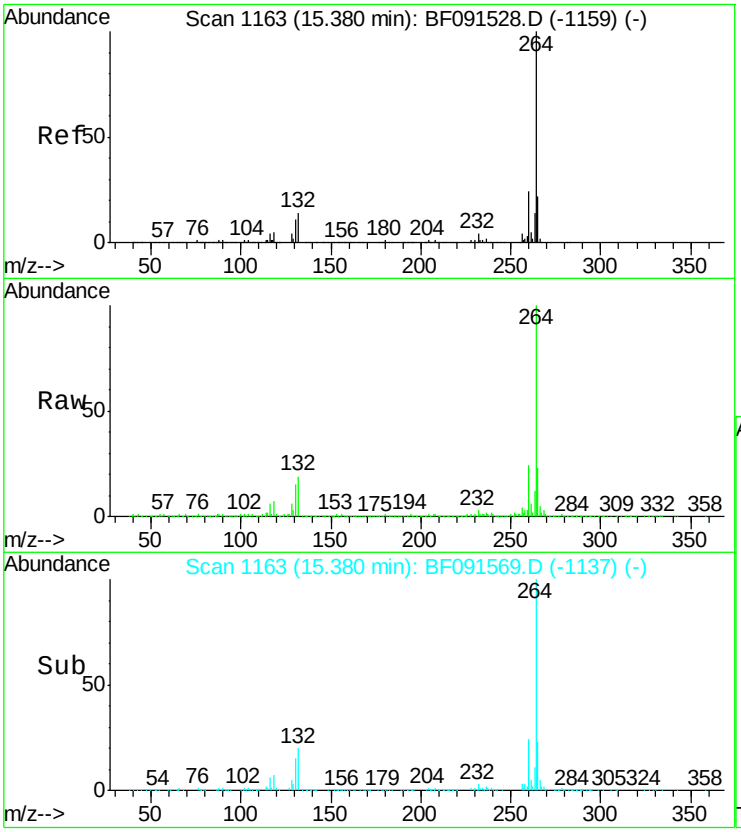


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.34 ng
RT: 16.59 min Scan# 1269
Delta R.T. -0.16 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:276 Resp: 134482

Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.0	31.4
277	20.6	20.2	30.2



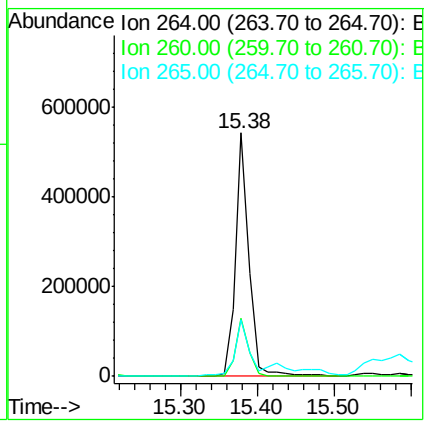


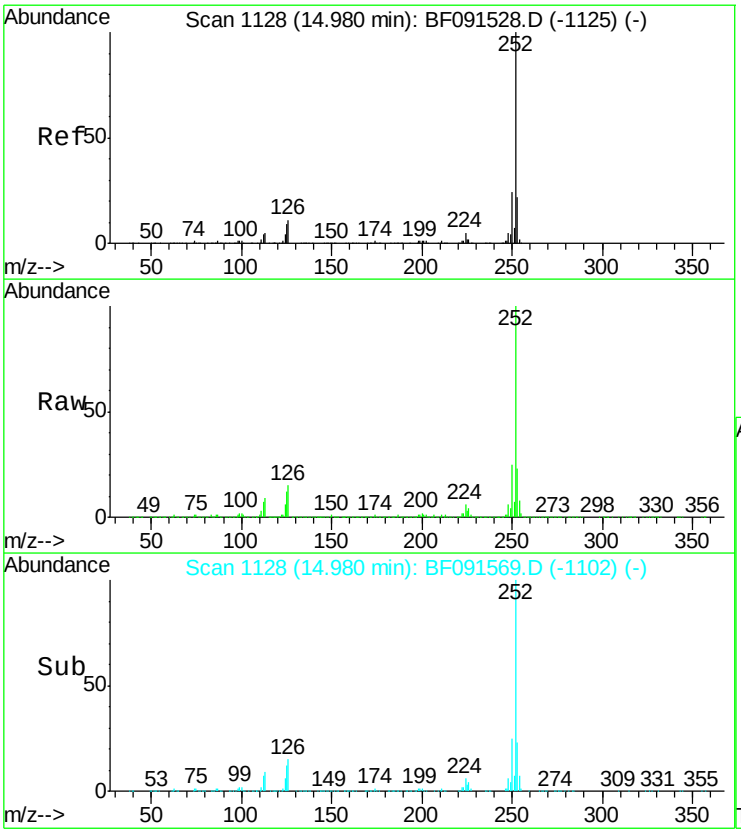
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:264 Resp: 673518

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	23.1	17.0	25.6

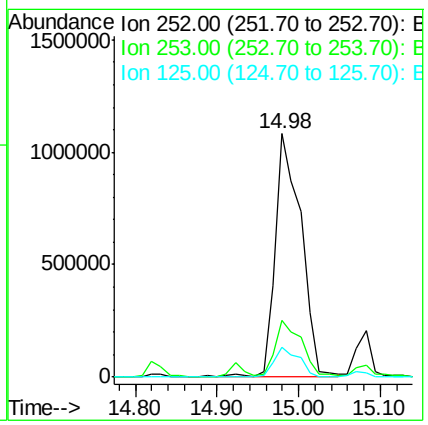


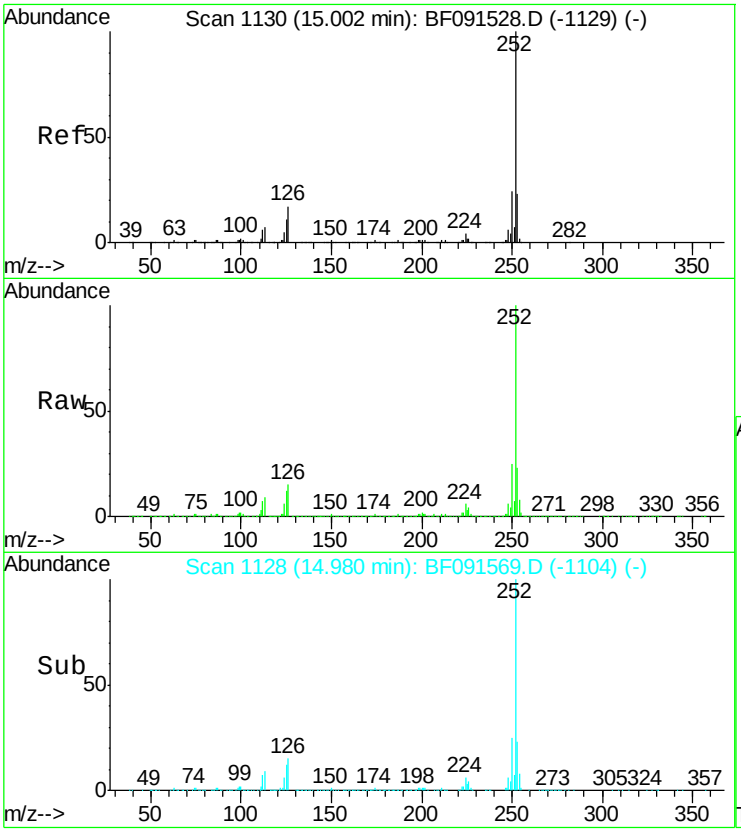


#87
Benzo(b)fluoranthene
Concen: 59.03 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:252 Resp: 2370160

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	12.2	8.6	13.0



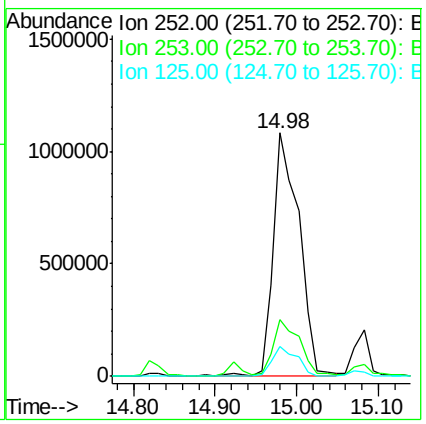


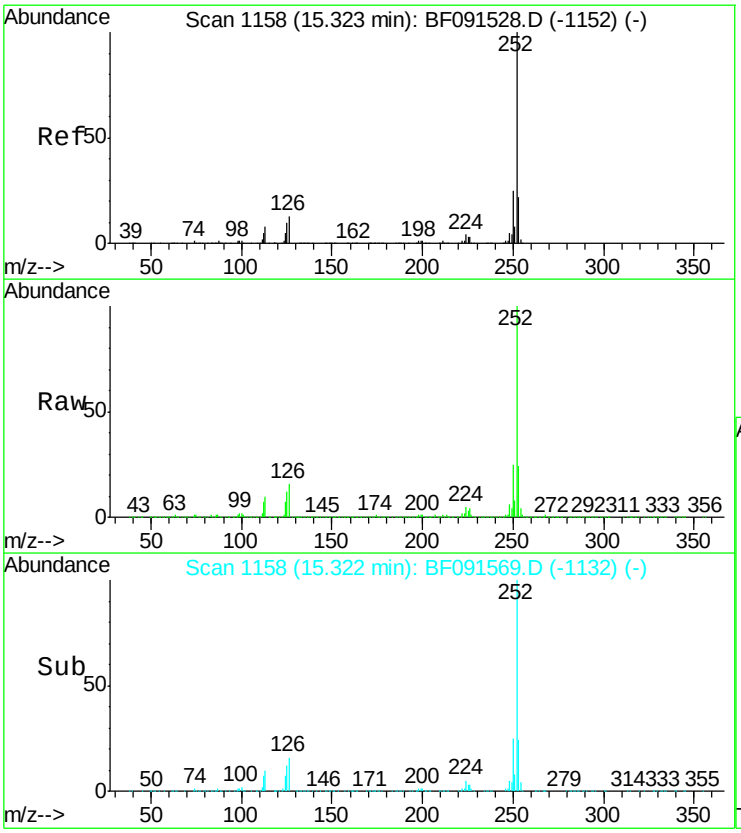
#88
Benzo(k)fluoranthene
Concen: 67.14 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:252 Resp: 2370160

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	12.2	9.6	14.4

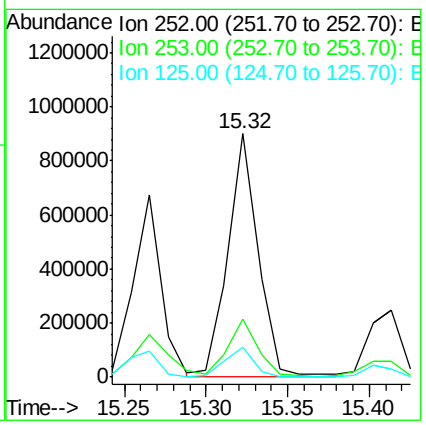


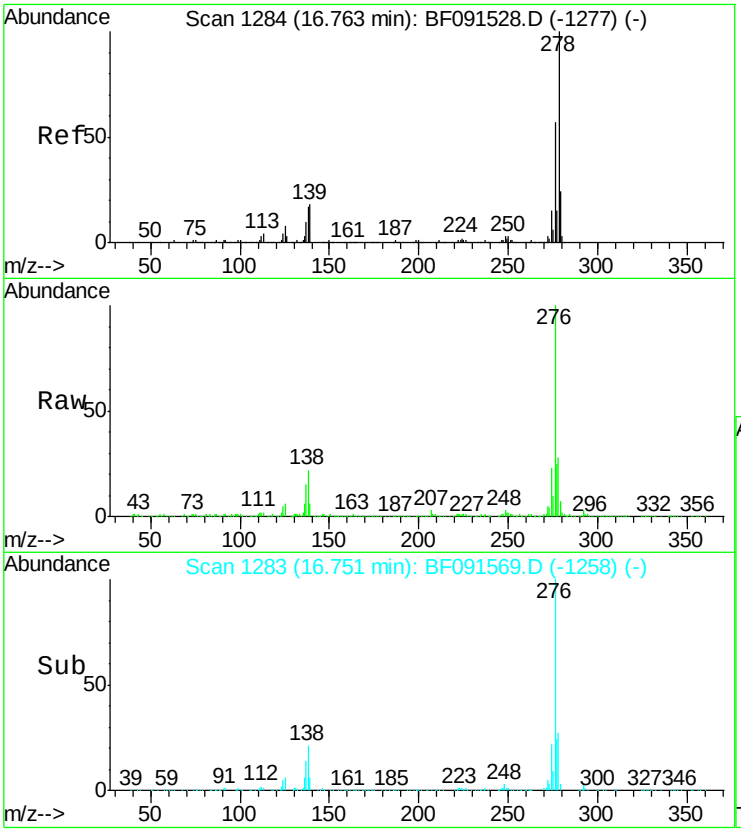


#89
Benzo(a)pyrene
Concen: 31.46 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:252 Resp: 1137931

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	12.4	10.4	15.6



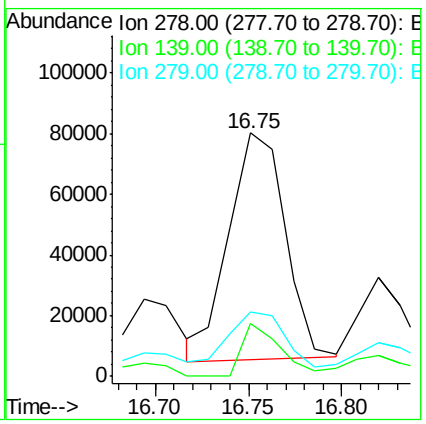


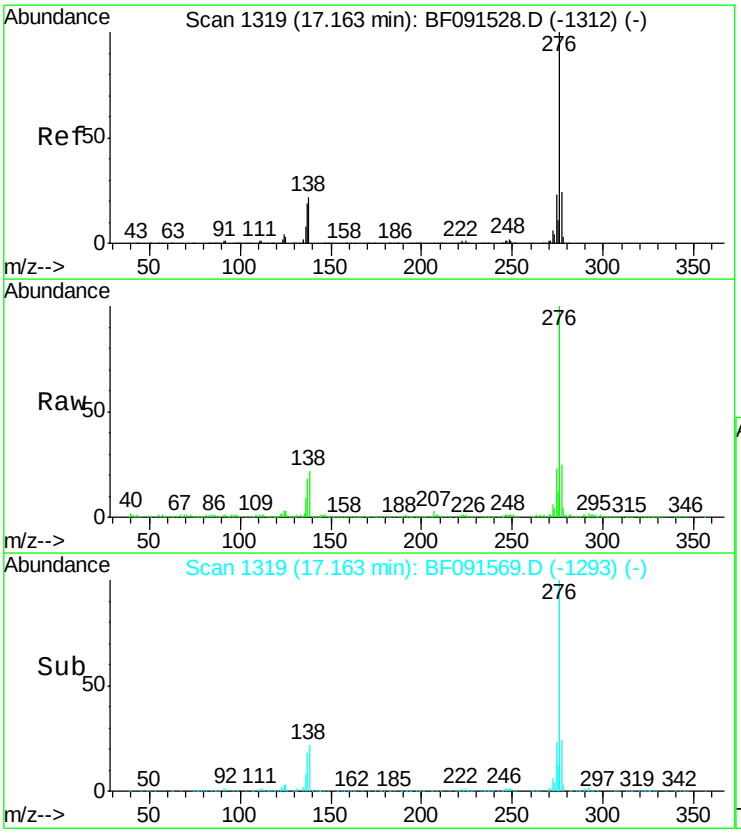
#90
Dibenzo(a,h)anthracene
Concen: 4.85 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Instrument :
BNA_F
ClientSampleId :
P-21-12-6-16

Tgt Ion:278 Resp: 157073

Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.1	22.7
279	26.5	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 15.20 ng
RT: 17.16 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF091569.D
Acq: 13 Dec 2016 22:15

Tgt Ion:276 Resp: 501146

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	22.0	15.4	23.0