Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091671.D
Acq On : 16 Dec 2016 12:31
Operator : UM/SJ
Sample : H6007-12DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5DL

Quant Time: Dec 16 17:06:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	173642	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	616425	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	289988	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	384405	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	330752	20.00	ng		0.00
86) Perylene-d12	15.35	264	257230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	592112	57.45	ng		0.00
7) Phenol-d6	6.42	99	701940	54.63	ng		-0.01
23) Nitrobenzene-d5	7.34	82	466139	42.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	134040	55.65	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	769306	45.84	ng		0.00
78) Terphenyl-d14	12.89	244	510688	35.04	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	64514	8.03	ng	#	68
20) 3+4-Methylphenols	7.21	107	1314	Below Cal		#	81
25) Isophorone	7.34	82	410488	20.91	ng	#	67
32) Benzoic acid	7.87	122	648	4.99	ng	#	1
48) Acenaphthylene	9.69	152	68865	2.78	ng		97
49) Dimethylphthalate	9.54	163	163204	8.89	ng	#	97
51) Acenaphthene	9.86	154	65263	3.79	ng		97
55) 4-Nitrophenol	10.03	139	15533	4.41	ng	#	2
56) 2,4-Dinitrotoluene	9.82	165	39831	7.88	ng	#	34
57) Fluorene	10.37	166	48382	Below Cal			99
64) 4,6-Dinitro-2-methylphenol	10.61	198	438	3.12	ng	#	1
66) 4-Bromophenyl-phenylether	10.61	248	8758	2.22	ng	#	1
70) Phenanthrene	11.33	178	729164	38.30	ng		99
71) Anthracene	11.38	178	197428	9.62	ng		97
72) Carbazole	11.54	167	75992	4.22	ng		97
74) Fluoranthene	12.52	202	1138140	57.10	ng		97
77) Pyrene	12.74	202	1064251	40.56	ng		97
80) Benzo(a)anthracene	13.93	228	683346	35.58	ng		97
82) Chrysene	13.96	228	494600	24.61	ng		97
85) Indeno(1,2,3-cd)pyrene	16.71	276	227005	12.55	ng		93
87) Benzo(b)fluoranthene	14.96	252	848445	55.33	ng		100
88) Benzo(k)fluoranthene	14.96	252	848445	62.93	ng		98
89) Benzo(a)pyrene	15.29	252	426328	30.86	ng		99
90) Dibenzo(a,h)anthracene	16.88	278	52626	4.25	ng		96
91) Benzo(g,h,i)perylene	17.12	276	213518	16.95	ng		99

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

Quantitation Report (Not Reviewed)

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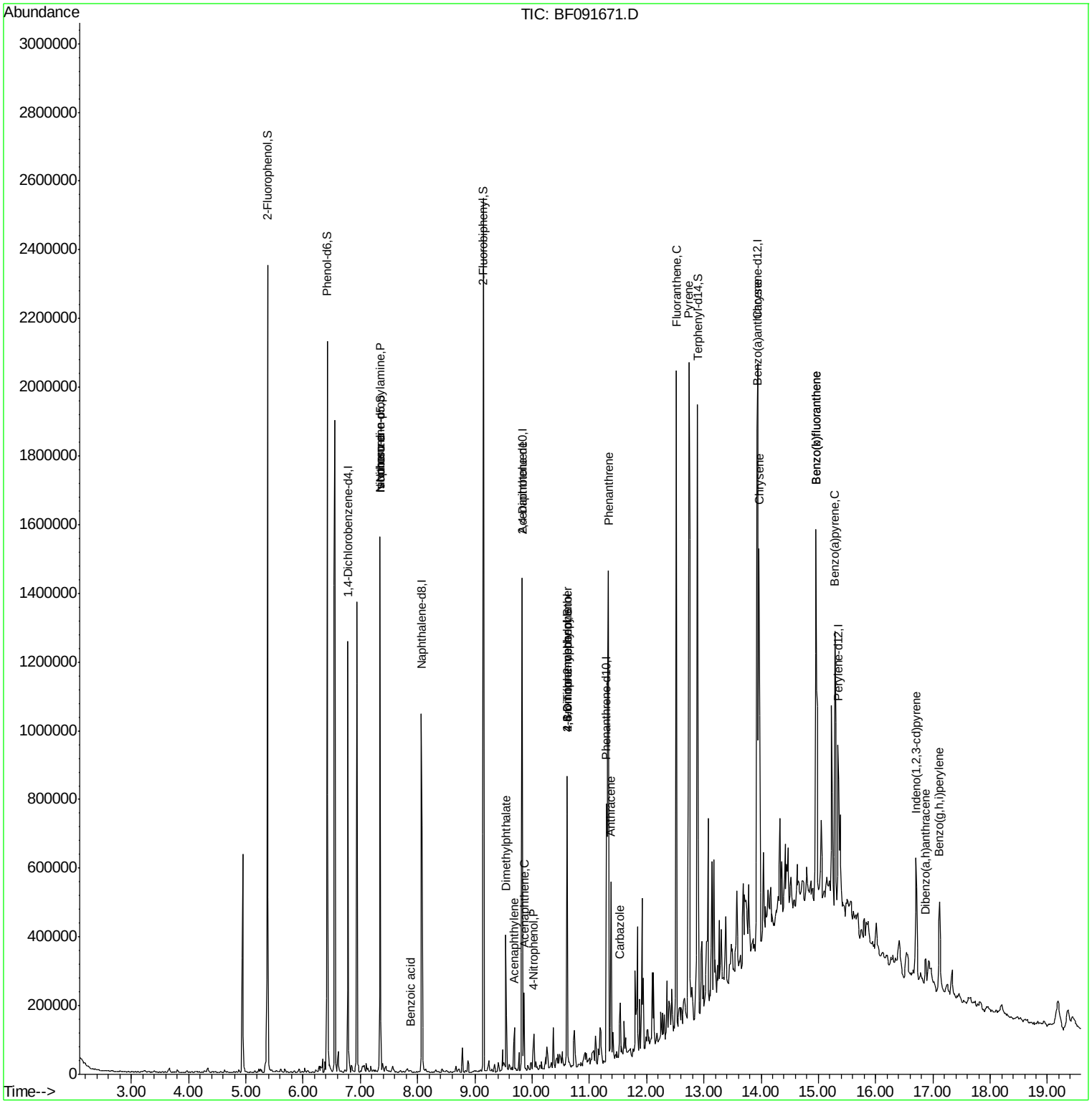
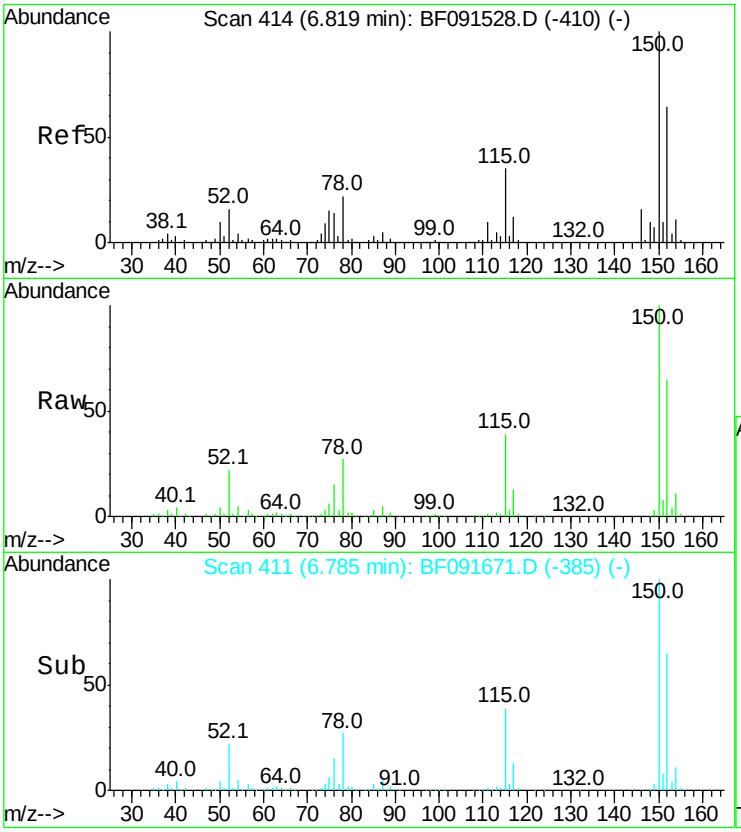
Data File : BF091671.D
Acq On : 16 Dec 2016 12:31
Operator : UM/SJ
Sample : H6007-12DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Quant Time: Dec 16 17:06:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration



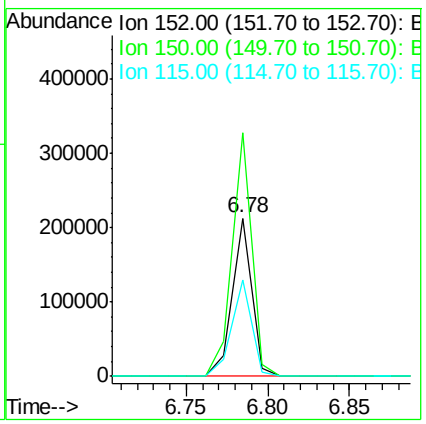


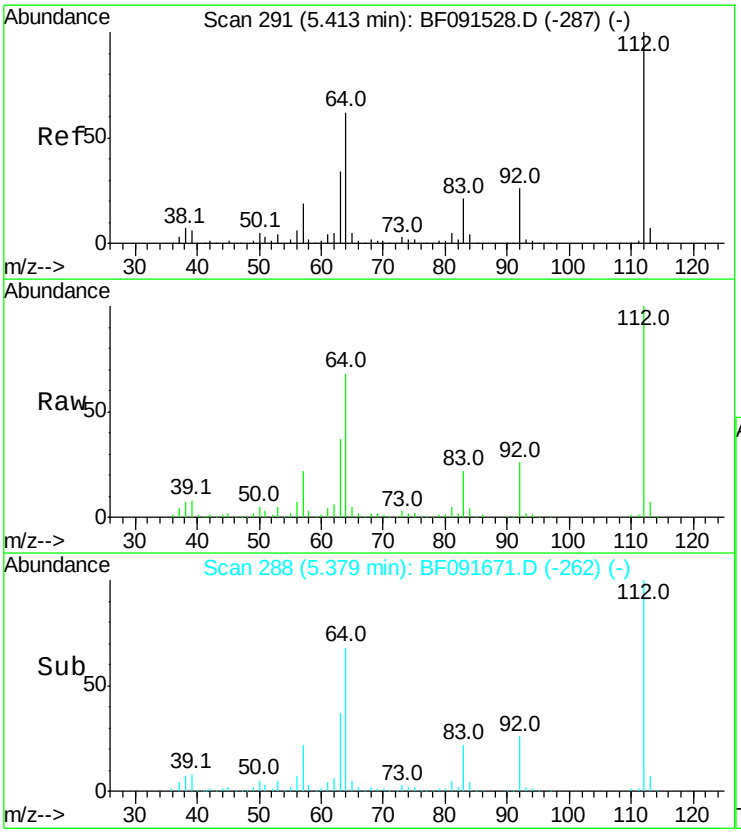
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:152 Resp: 173642

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.5	183.7
115	60.8	51.8	77.8

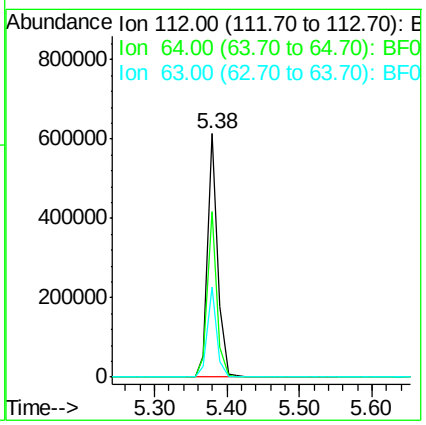


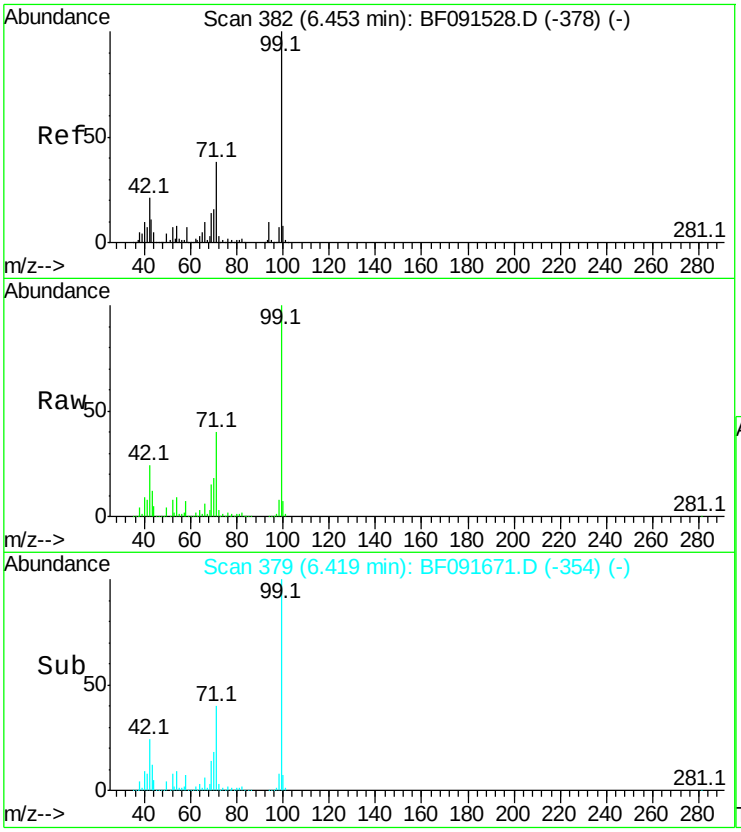


#5
2-Fluorophenol
Concen: 57.45 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:112 Resp: 592112

Ion	Ratio	Lower	Upper
112	100		
64	67.9	61.5	92.3
63	36.9	33.3	49.9



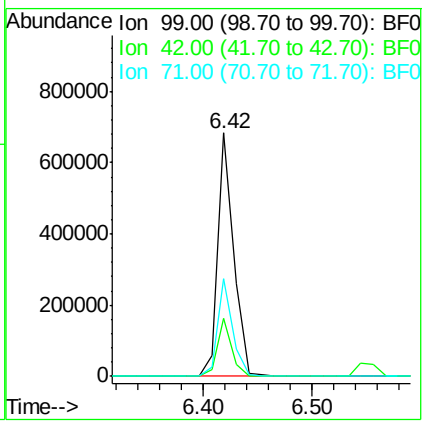


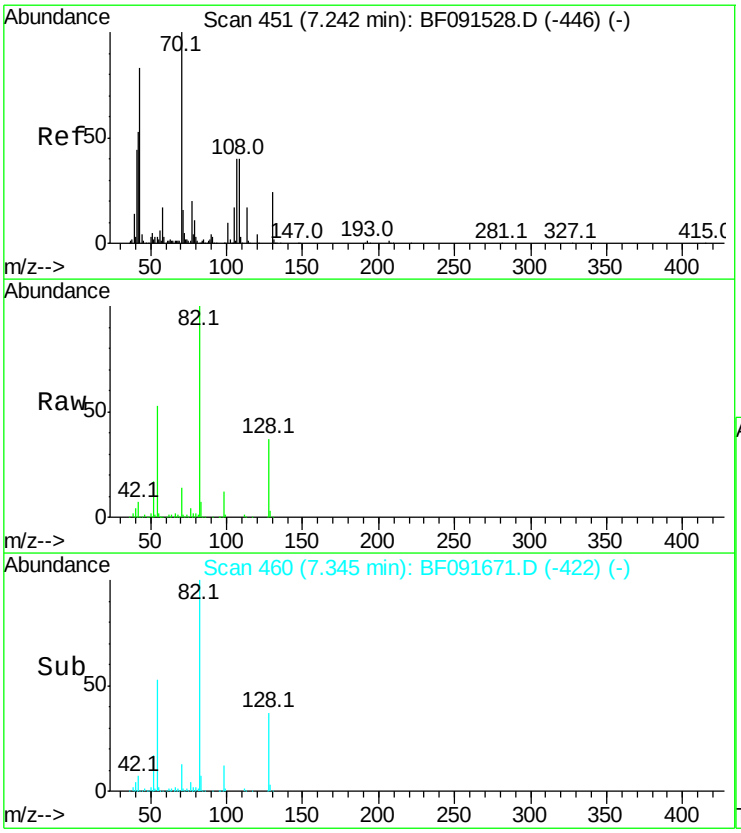
#7
Phenol-d6
Concen: 54.63 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion: 99 Resp: 701940

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.6	31.0
71	40.1	29.9	44.9

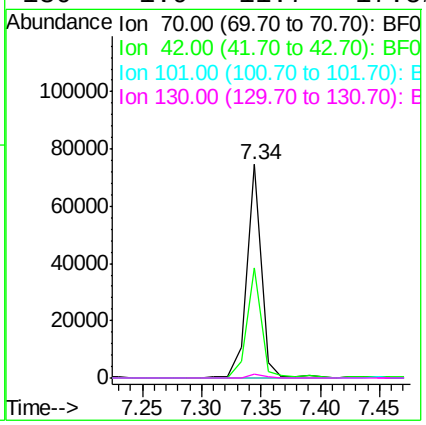


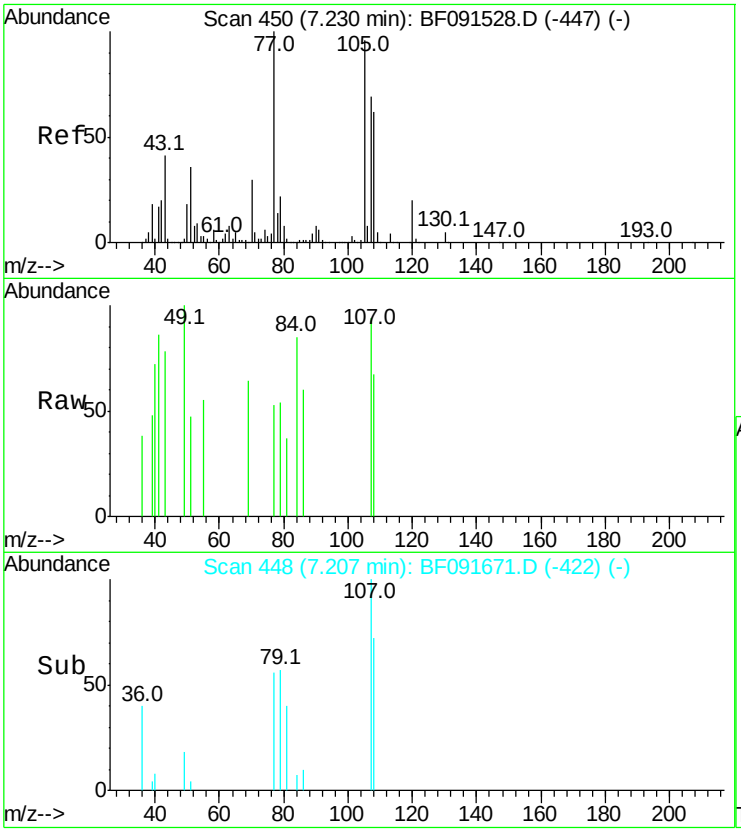


#19
n-Nitroso-di-n-propylamine
Concen: 8.03 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion: 70 Resp: 64514

Ion	Ratio	Lower	Upper
70	100		
42	51.6	64.8	97.2#
101	0.0	6.2	9.4#
130	1.9	11.7	17.5#



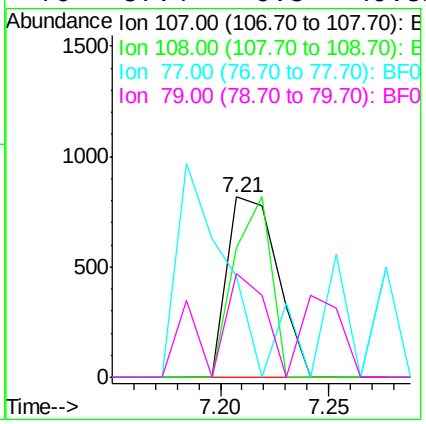


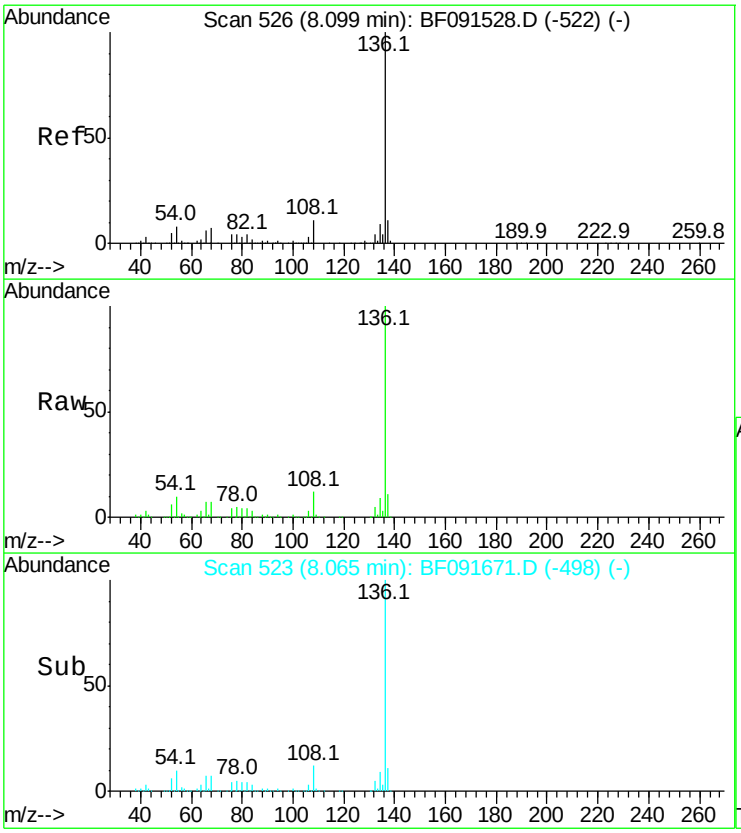
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:107 Resp: 1314

Ion	Ratio	Lower	Upper
107	100		
108	71.7	64.6	104.6
77	56.3	30.9	70.9
79	57.4	9.3	49.3#

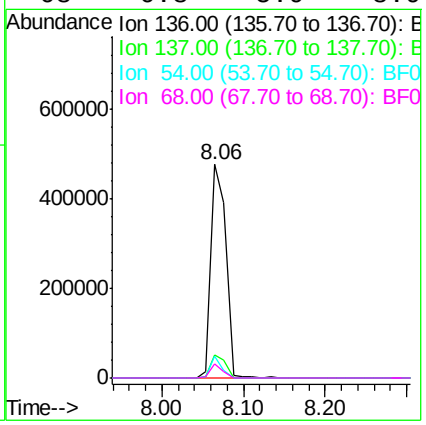


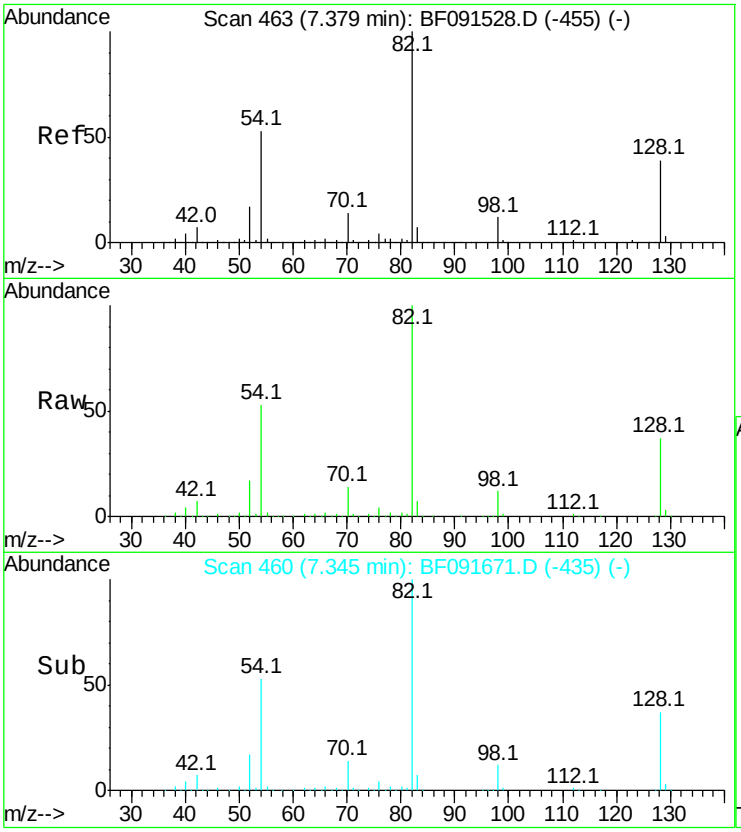


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:136 Resp: 616425

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.1	9.1	13.7
68	6.8	5.9	8.9



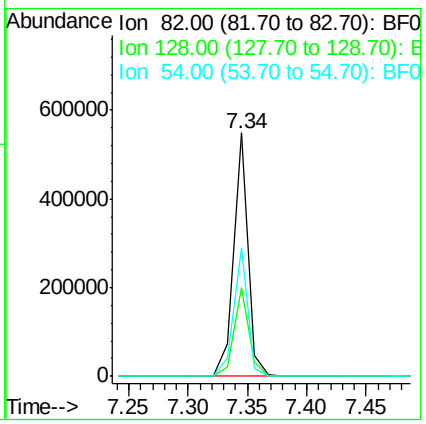


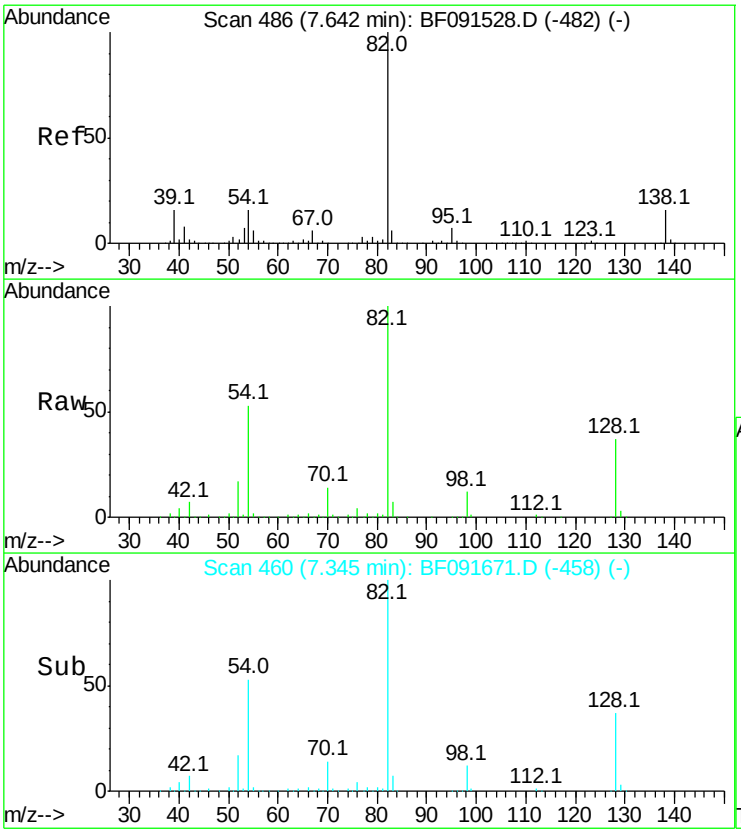
#23
Nitrobenzene-d5
Concen: 42.21 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion: 82 Resp: 466139

Ion	Ratio	Lower	Upper
82	100		
128	36.5	31.8	47.6
54	52.8	49.1	73.7

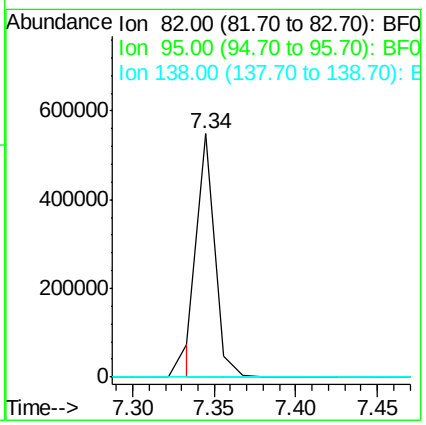


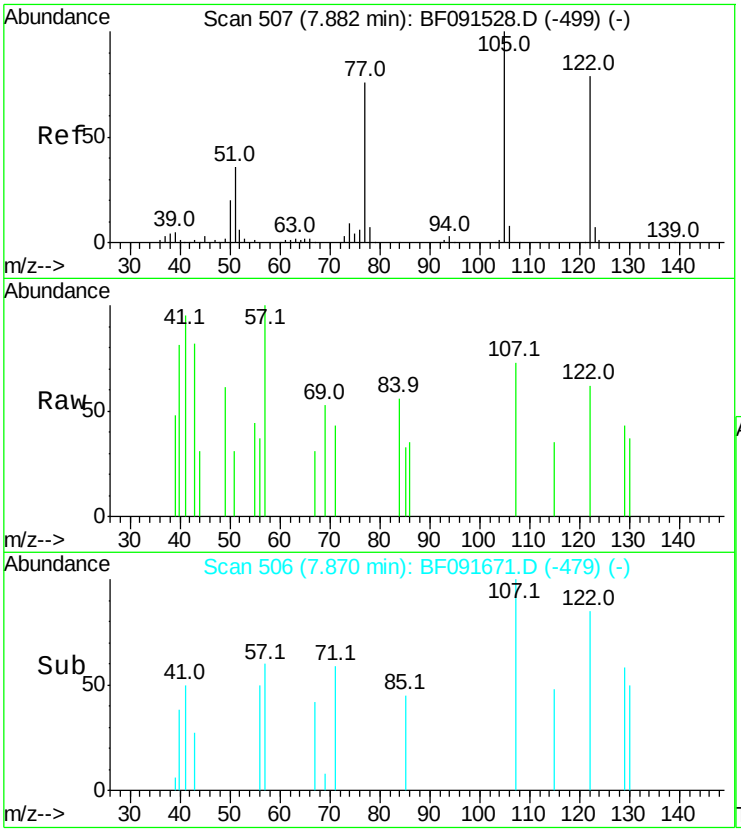


#25
Isophorone
Concen: 20.91 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.27 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion: 82 Resp: 410488

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.4	20.0#



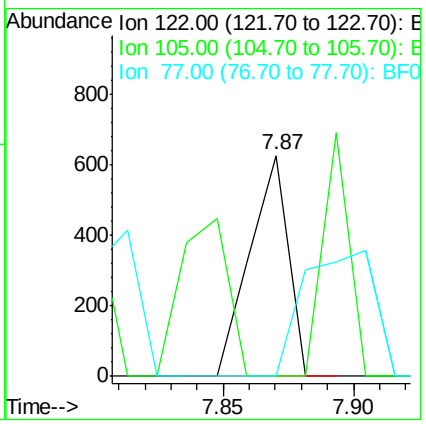


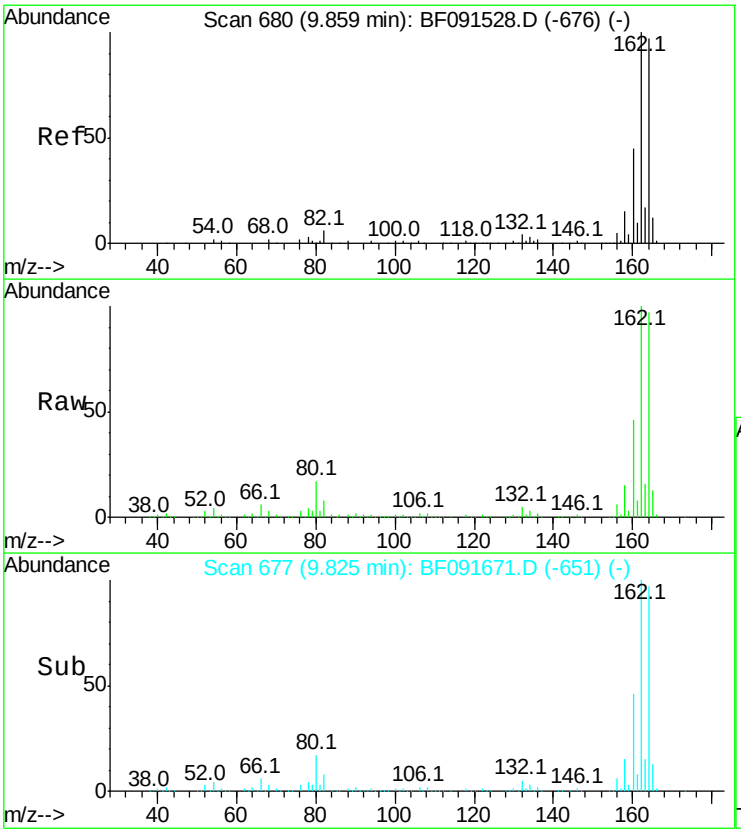
#32
Benzoic acid
Concen: 4.99 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:122 Resp: 648

Ion	Ratio	Lower	Upper
122	100		
105	0.0	113.0	153.0#
77	0.0	82.0	122.0#

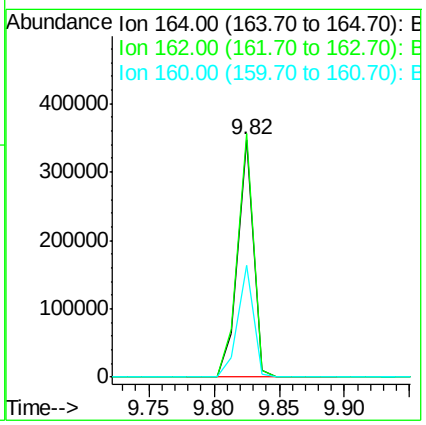


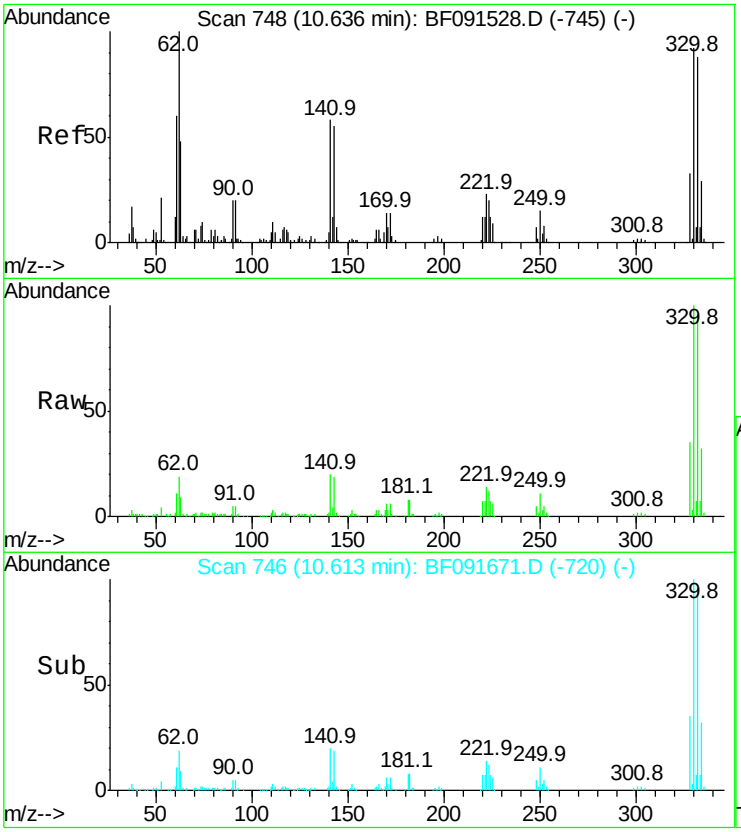


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:164 Resp: 289988

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	124.0
160	47.0	36.7	55.1



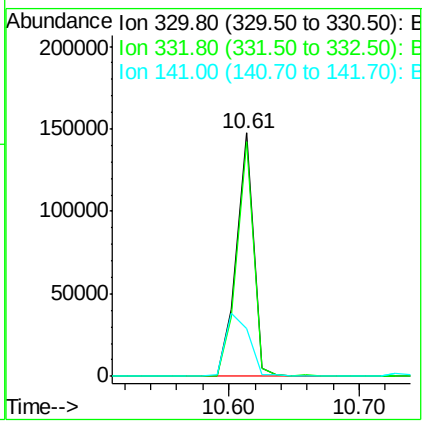


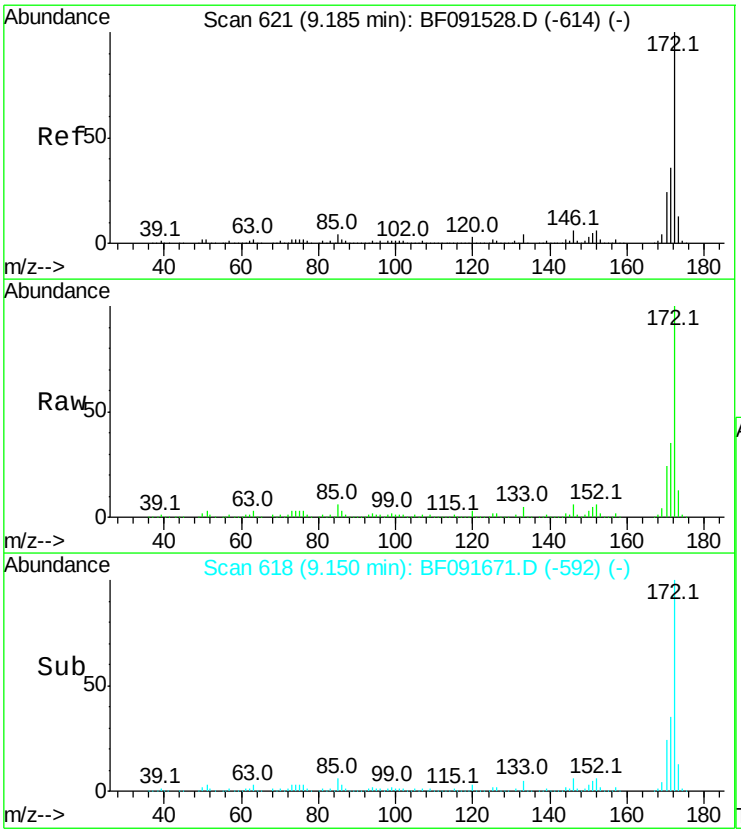
#41
2,4,6-Tribromophenol
Concen: 55.65 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:330 Resp: 134040

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	36.9	33.6	50.4

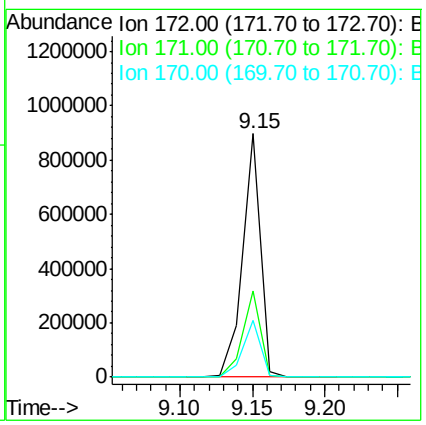


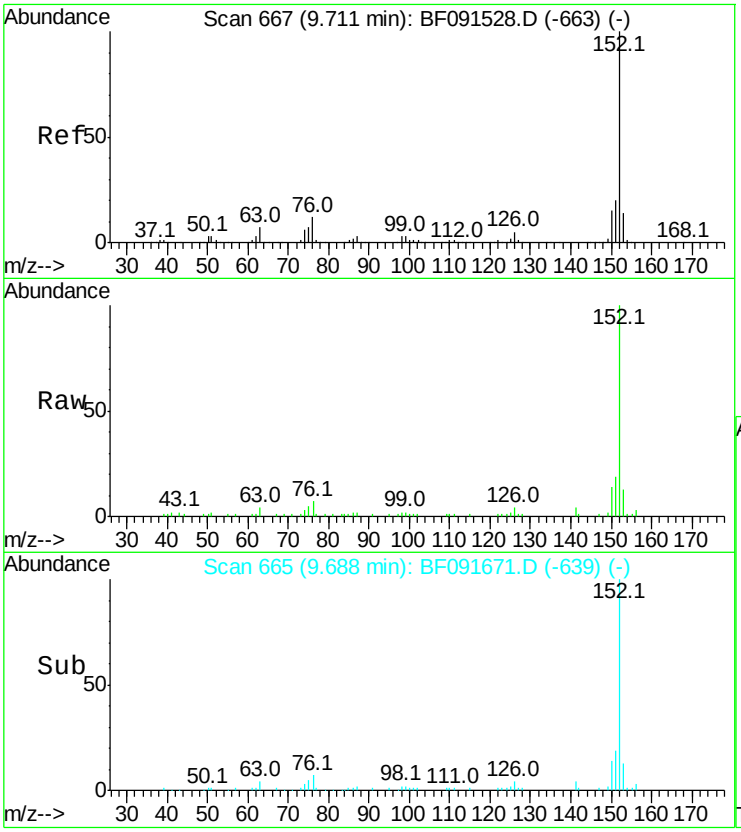


#44
2-Fluorobiphenyl
Concen: 45.84 ng
RT: 9.15 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:172 Resp: 769306

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.5	19.7	29.5



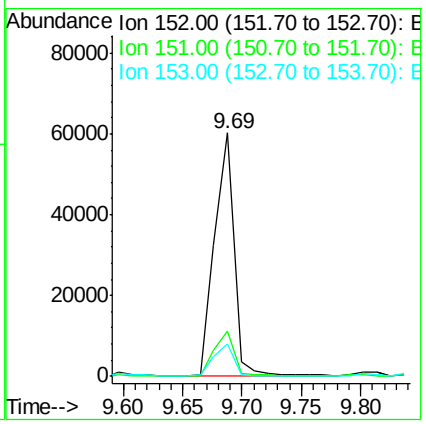


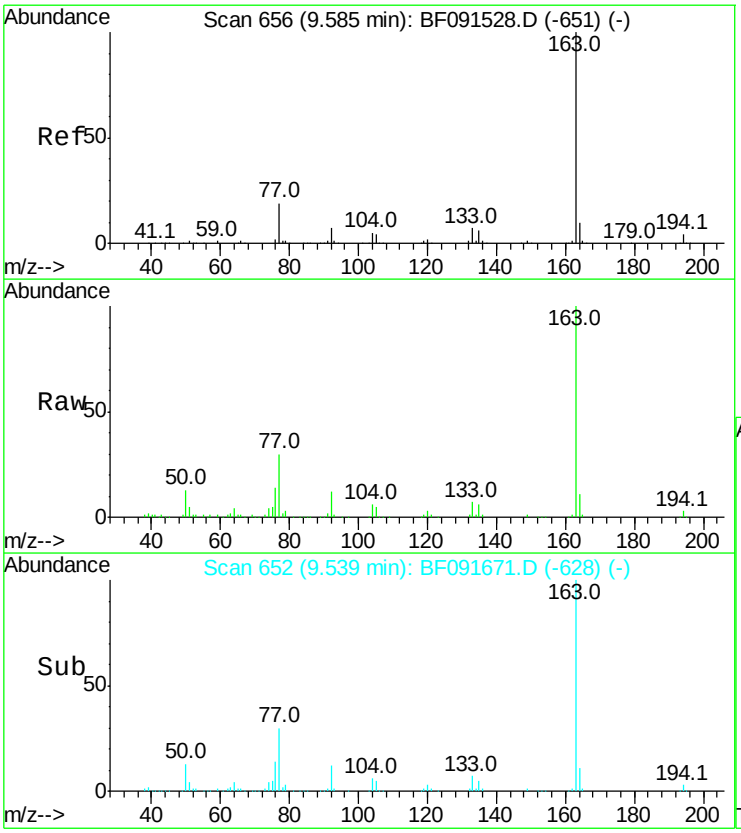
#48
Acenaphthylene
Concen: 2.78 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:152 Resp: 68865

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.6	24.8
153	13.2	10.7	16.1

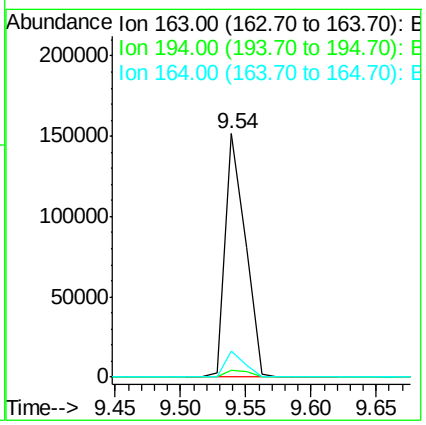


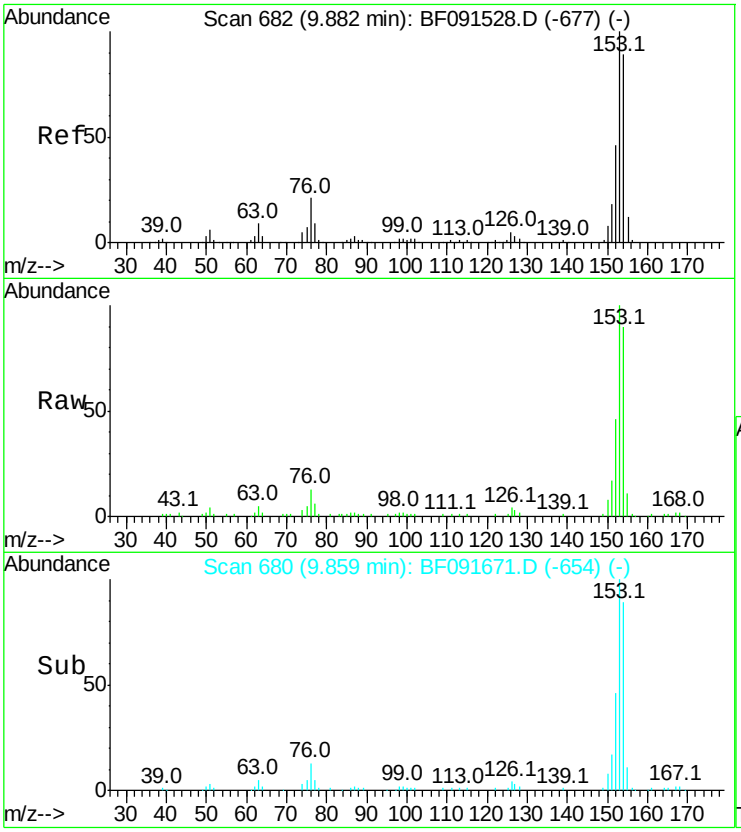


#49
Dimethylphthalate
Concen: 8.89 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:163 Resp: 163204

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.0	4.4#
164	10.9	7.8	11.8



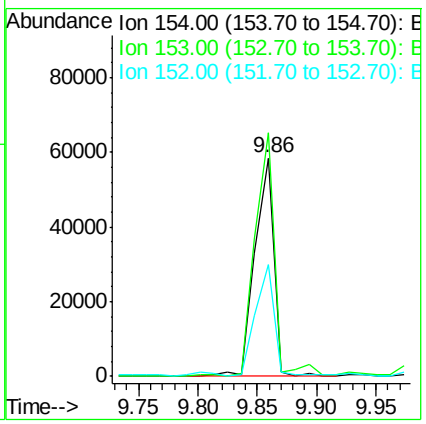


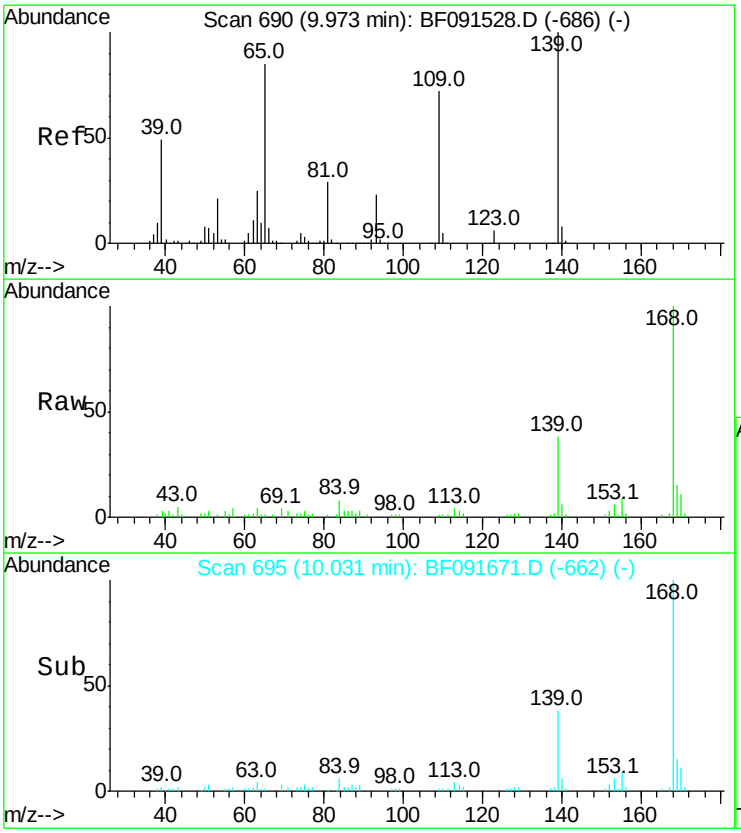
#51
Acenaphthene
Concen: 3.79 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:154 Resp: 65263

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.0	136.6
152	51.5	44.2	66.2

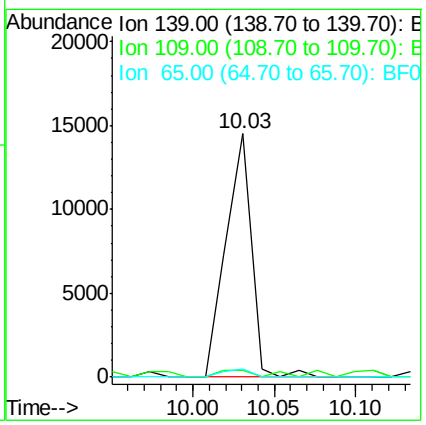


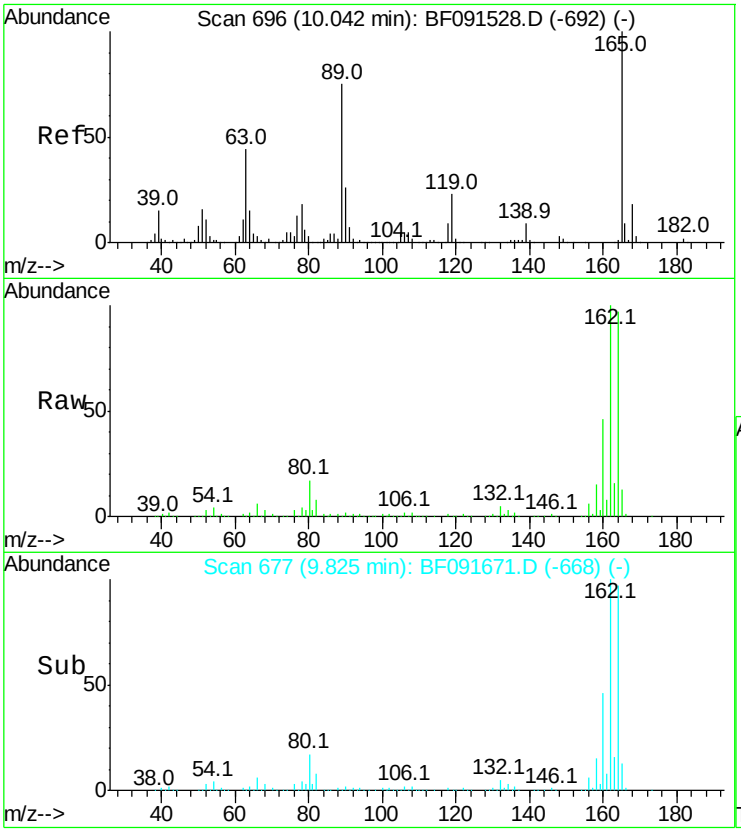


#55
4-Nitrophenol
Concen: 4.41 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.08 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:139 Resp: 15533

Ion	Ratio	Lower	Upper
139	100		
109	3.0	54.9	94.9#
65	3.1	102.2	142.2#



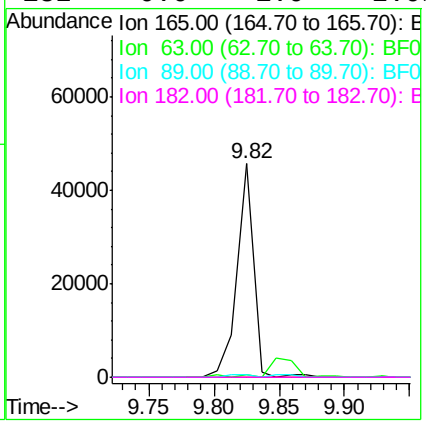


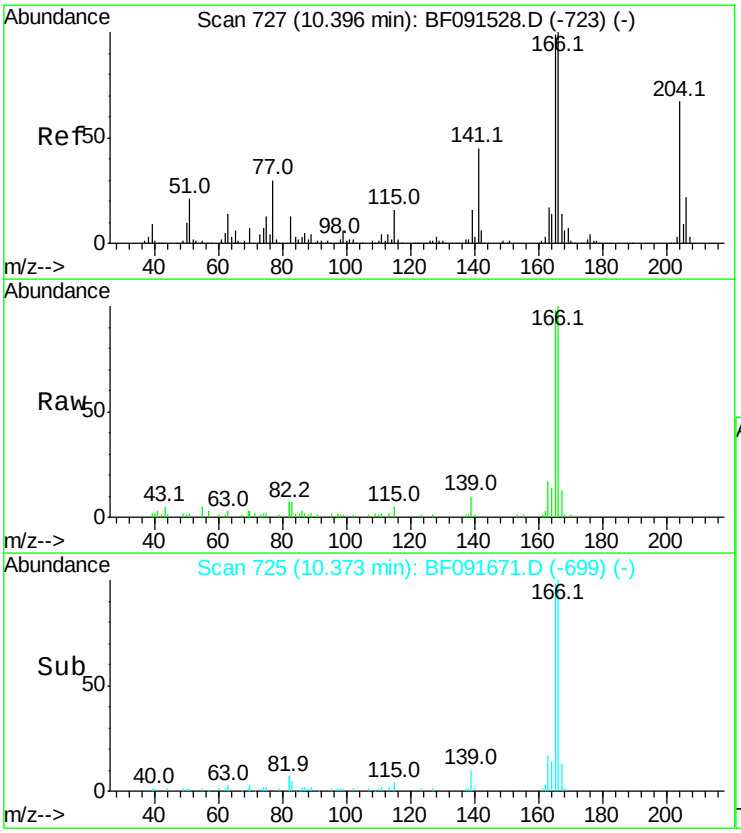
#56
2,4-Dinitrotoluene
Concen: 7.88 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:165 Resp: 39831

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#

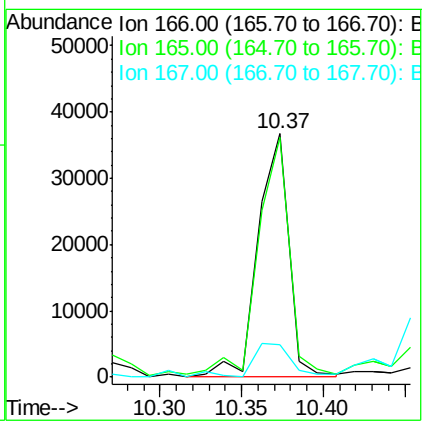


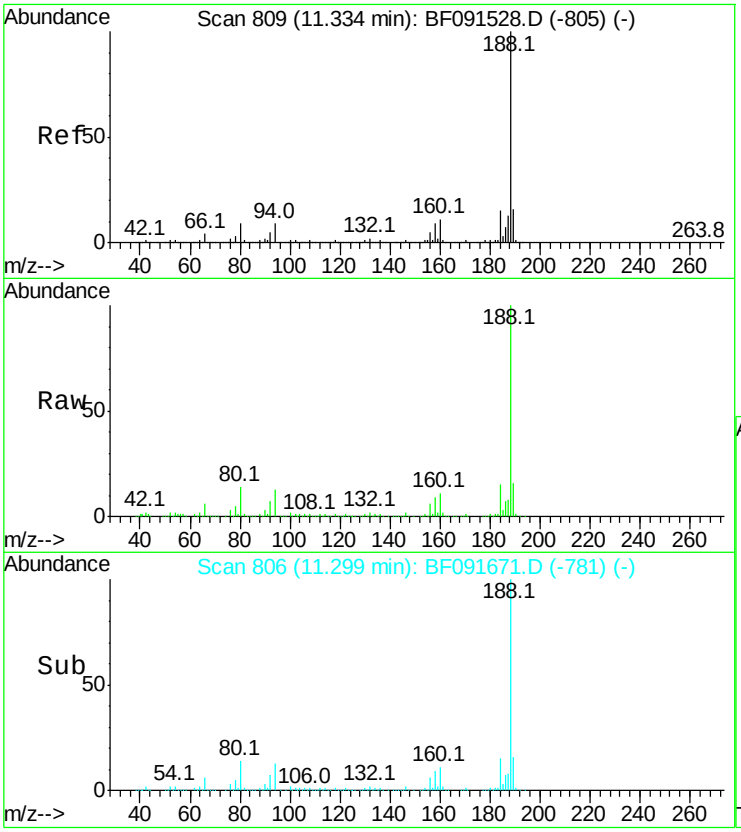


#57
Fluorene
Concen: Below Cal
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:166 Resp: 48382

Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.0	120.0
167	13.5	10.8	16.2



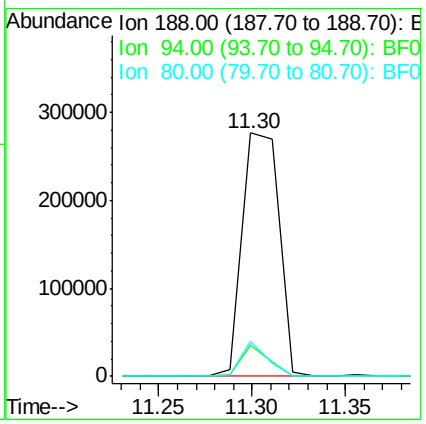


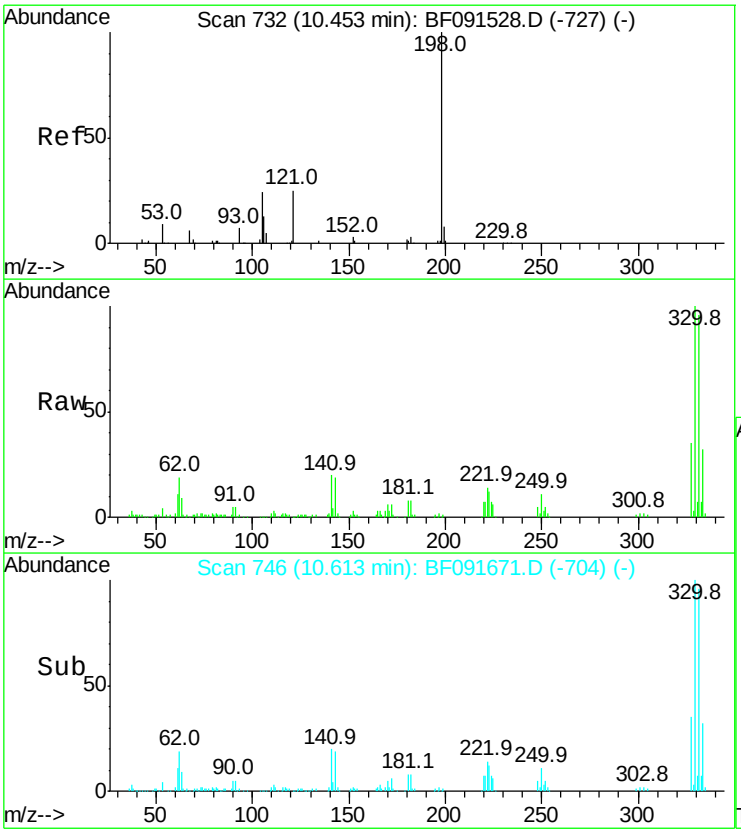
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:188 Resp: 384405

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.2	13.8
80	14.4	10.5	15.7

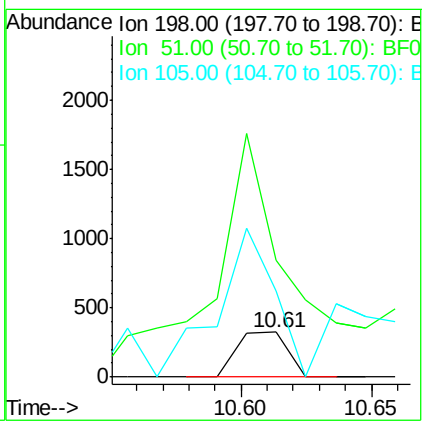


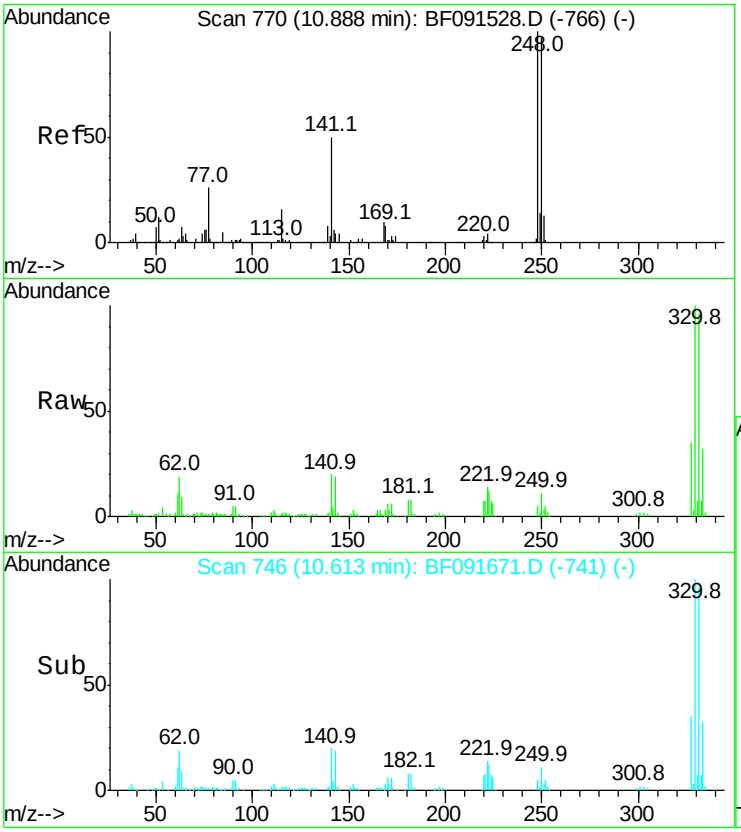


#64
4,6-Dinitro-2-methylphenol
Concen: 3.12 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.18 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:198 Resp: 438

Ion	Ratio	Lower	Upper
198	100		
51	260.1	77.1	117.1#
105	191.6	44.8	84.8#



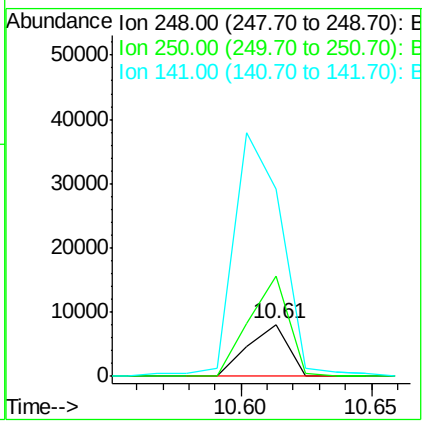


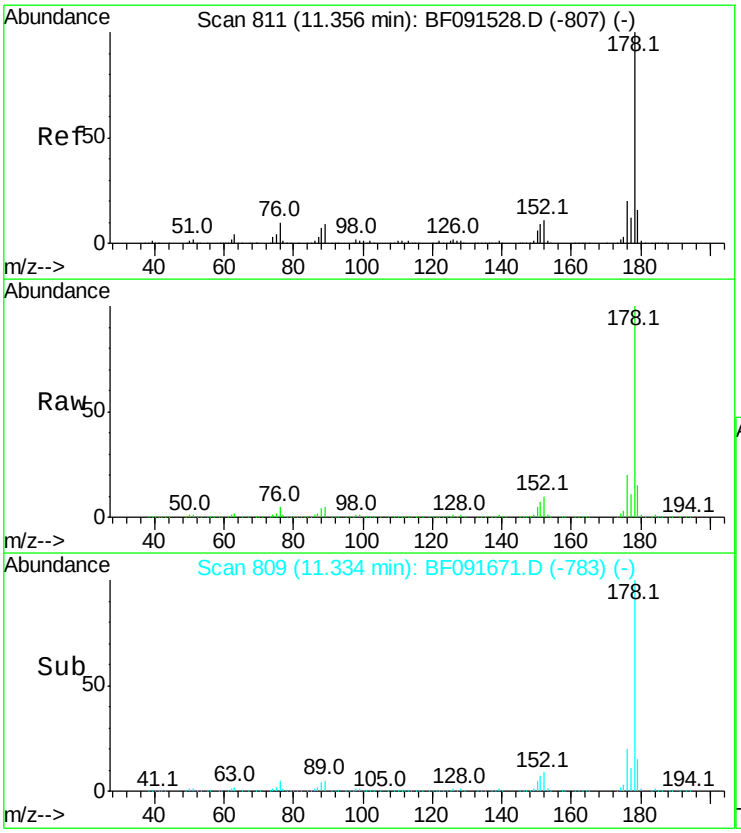
#66
4-Bromophenyl-phenylether
Concen: 2.22 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.24 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:248 Resp: 8758

Ion	Ratio	Lower	Upper
248	100		
250	193.1	78.2	117.4#
141	362.2	71.9	107.9#

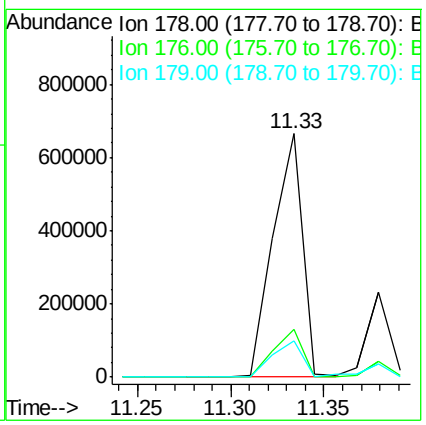


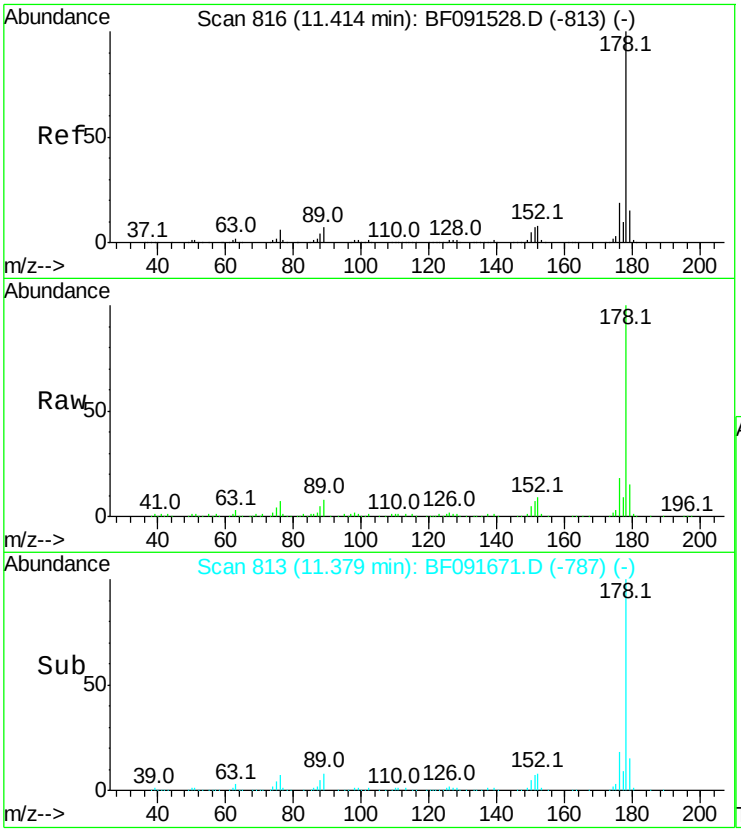


#70
Phenanthrene
Concen: 38.30 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:178 Resp: 729164

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.0	12.6	18.8



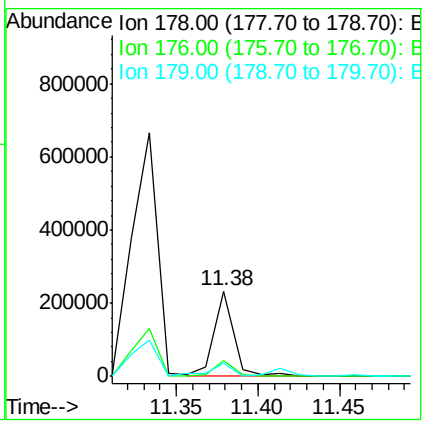


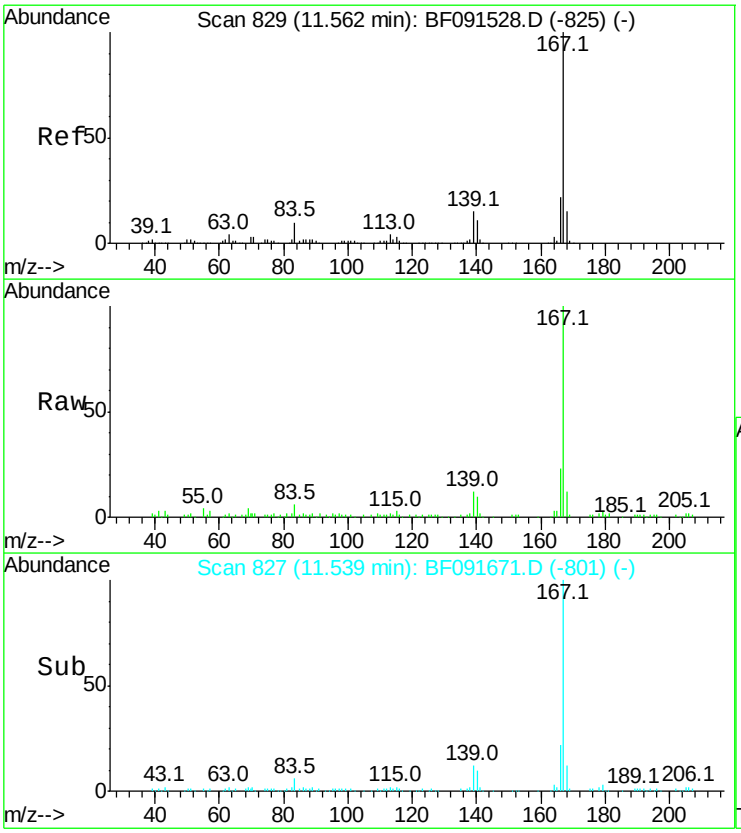
#71
Anthracene
Concen: 9.62 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:178 Resp: 197428

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.6
179	15.0	12.7	19.1

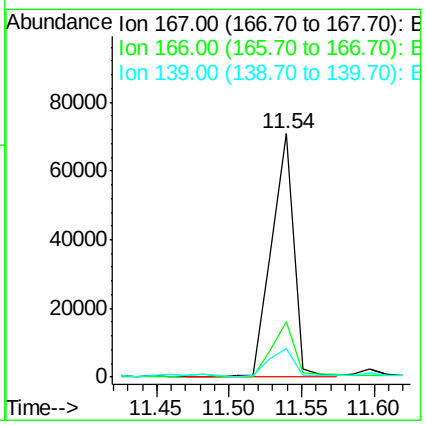


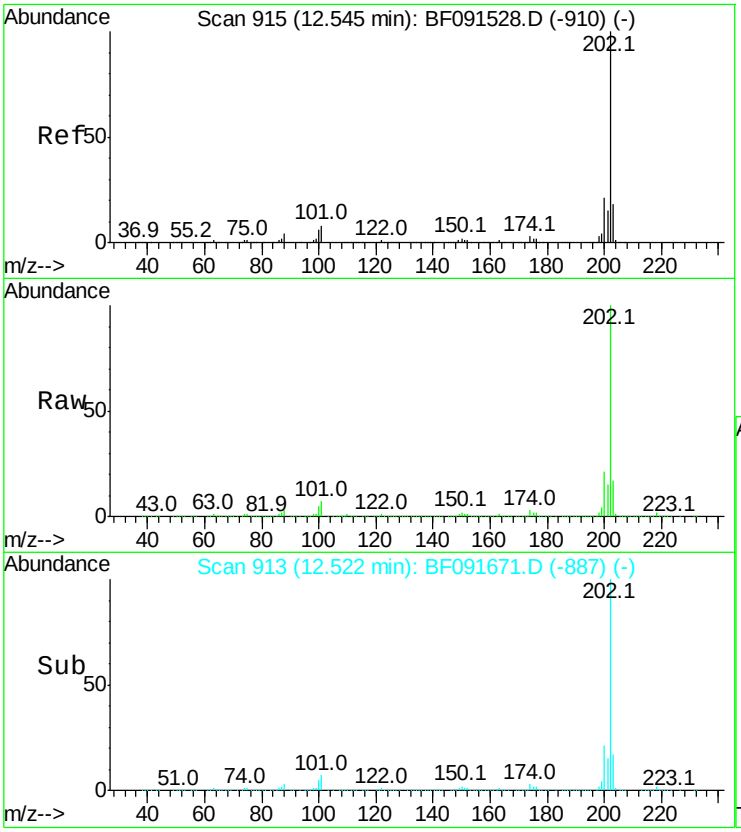


#72
Carbazole
Concen: 4.22 ng
RT: 11.54 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:167 Resp: 75992

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	11.7	11.5	17.3



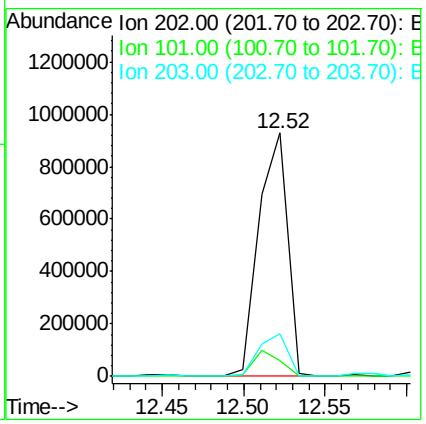


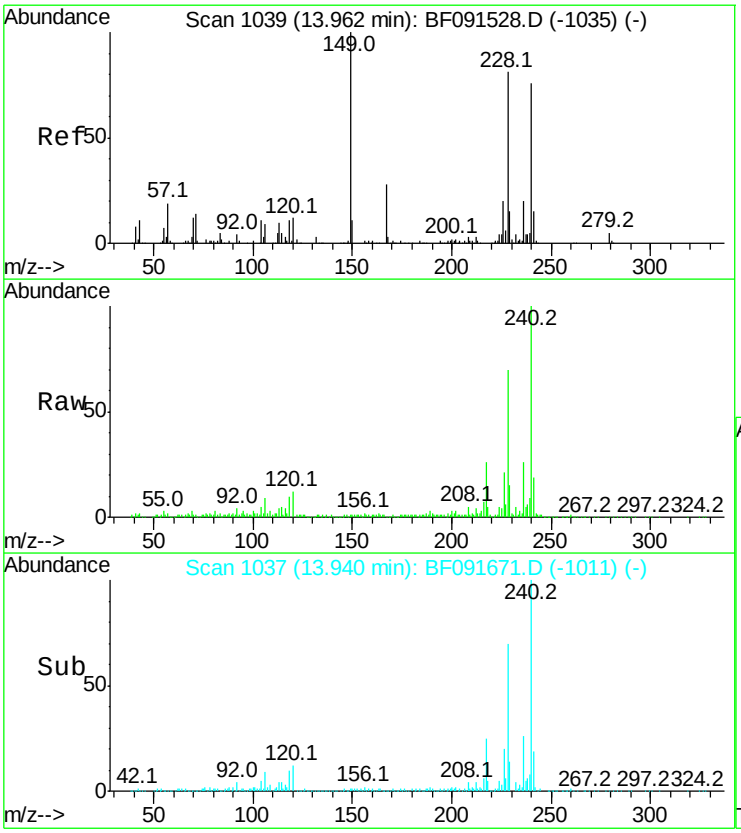
#74
Fluoranthene
Concen: 57.10 ng
RT: 12.52 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:202 Resp: 1138140

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	29.5
203	17.5	0.0	37.8

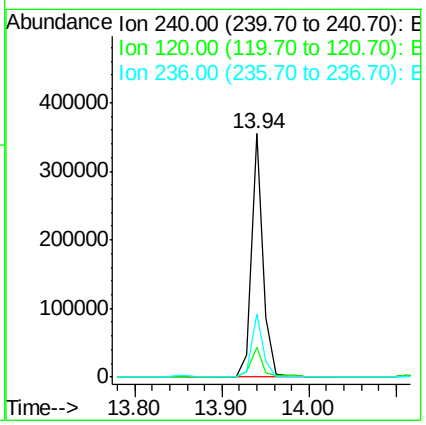


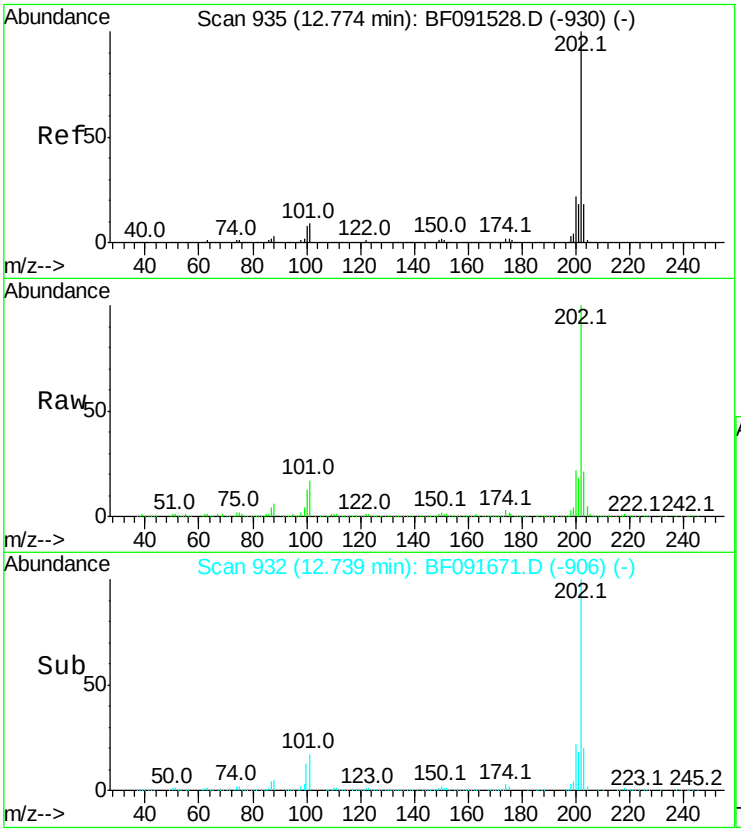


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:240 Resp: 330752

Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.1	18.1
236	25.7	21.0	31.6



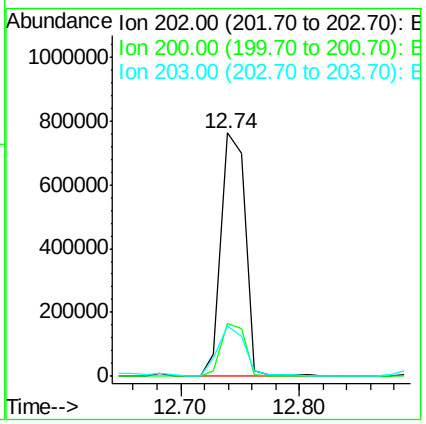


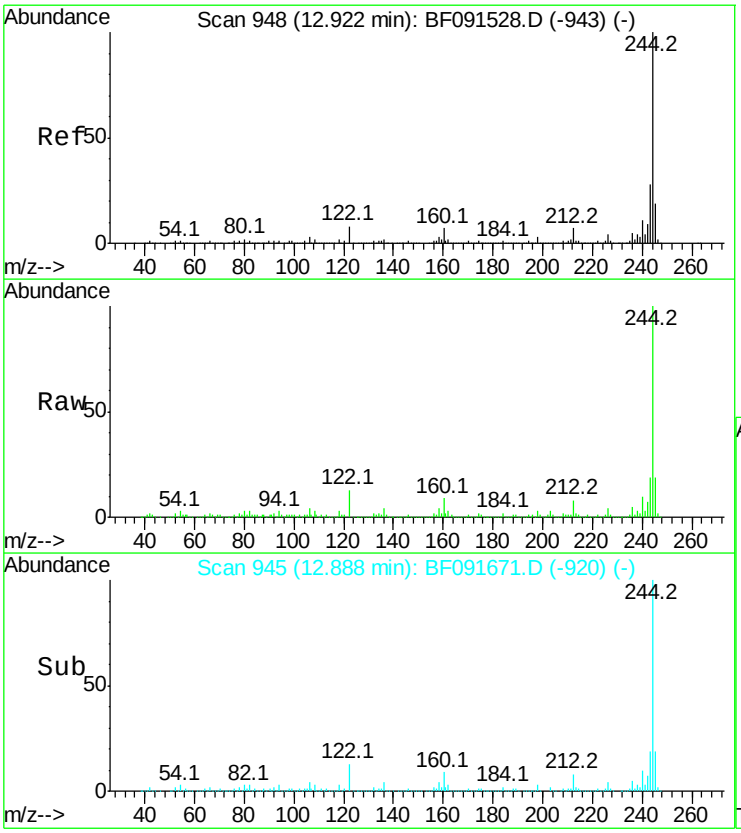
#77
Pyrene
Concen: 40.56 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:202 Resp: 1064251

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	20.6	14.0	21.0

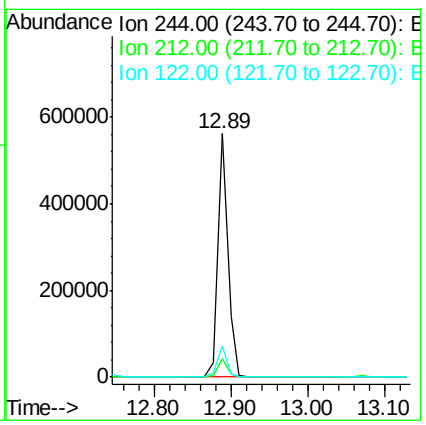


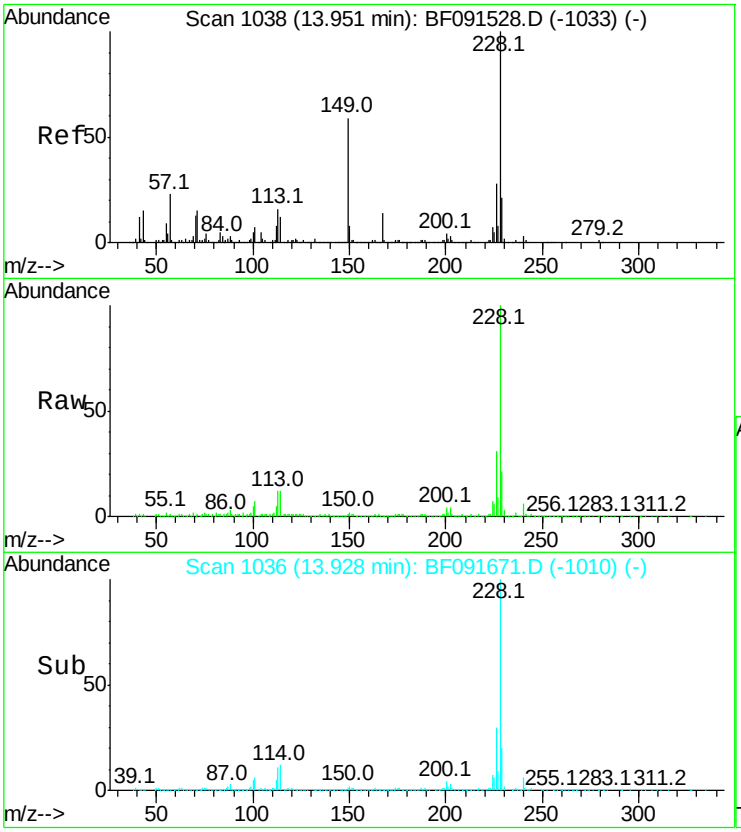


#78
Terphenyl-d14
Concen: 35.04 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:244 Resp: 510688

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	12.7	9.5	14.3



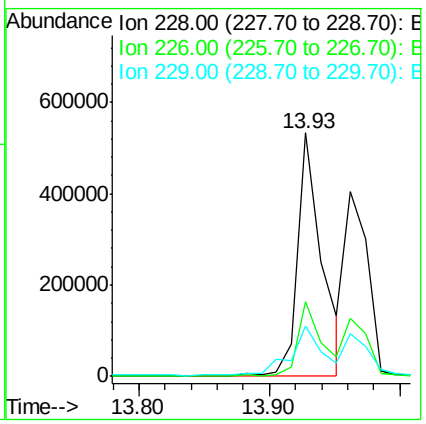


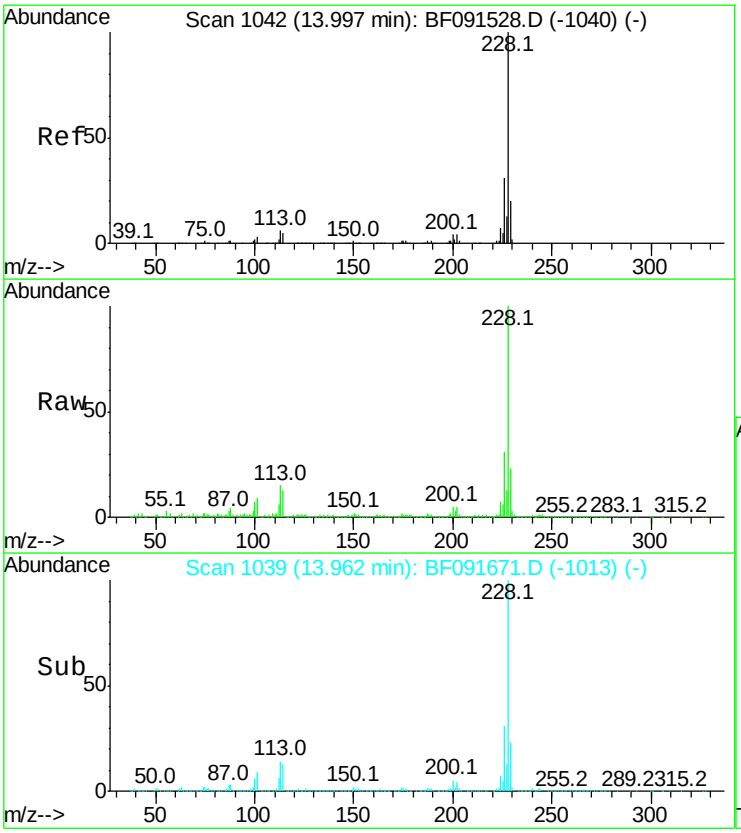
#80
Benzo(a)anthracene
Concen: 35.58 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:228 Resp: 683346

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.5	33.7
229	20.8	16.4	24.6

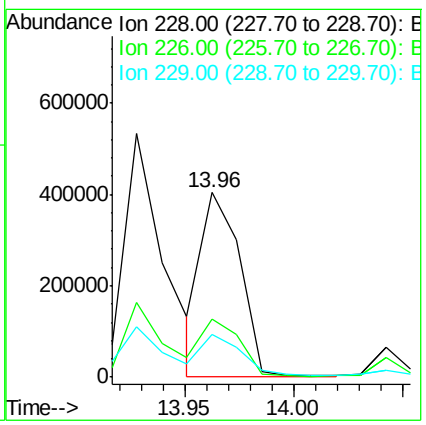


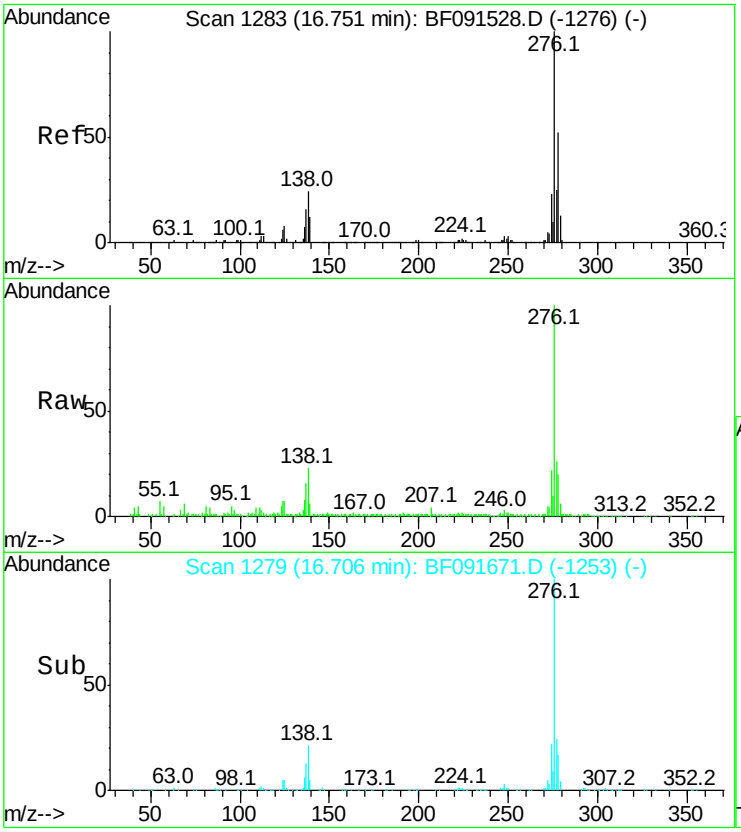


#82
Chrysene
Concen: 24.61 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:228 Resp: 494600

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	23.1	16.0	24.0



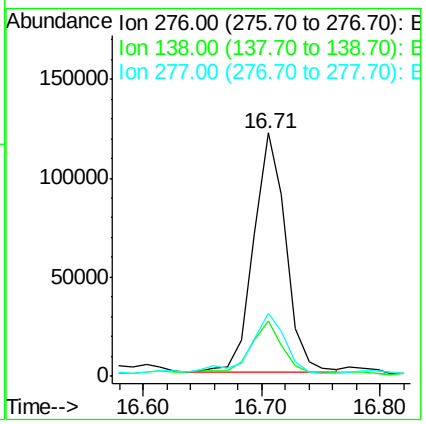


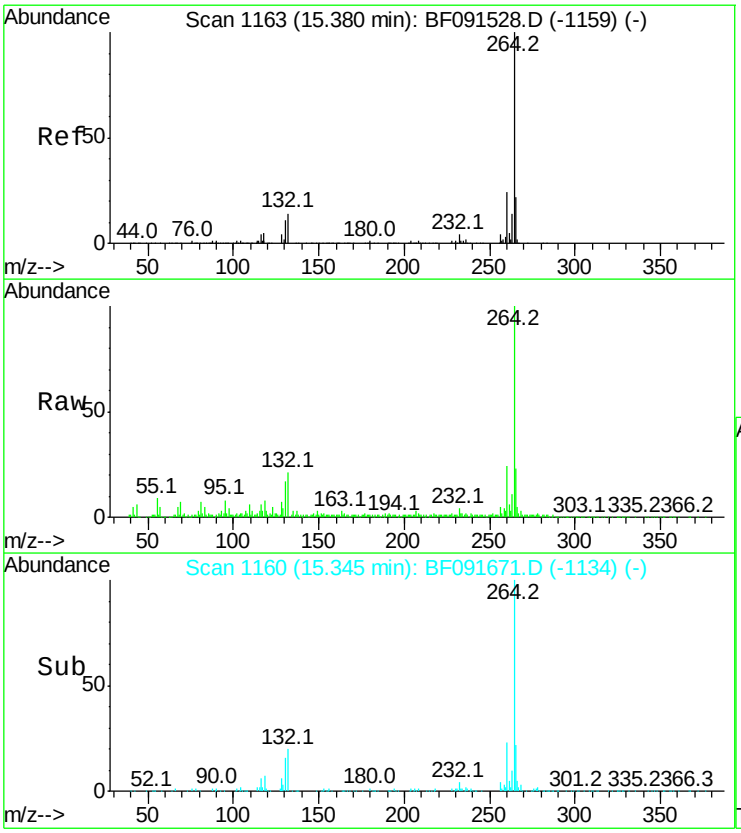
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.55 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:276 Resp: 227005

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.0	31.4
277	28.4	20.2	30.2

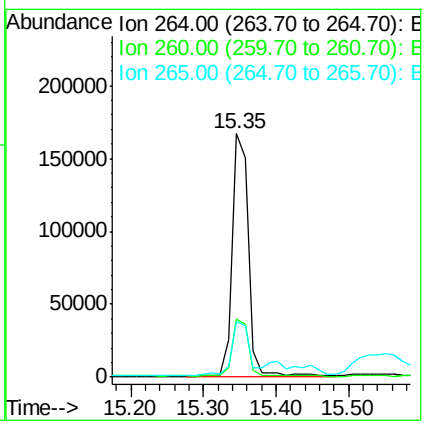


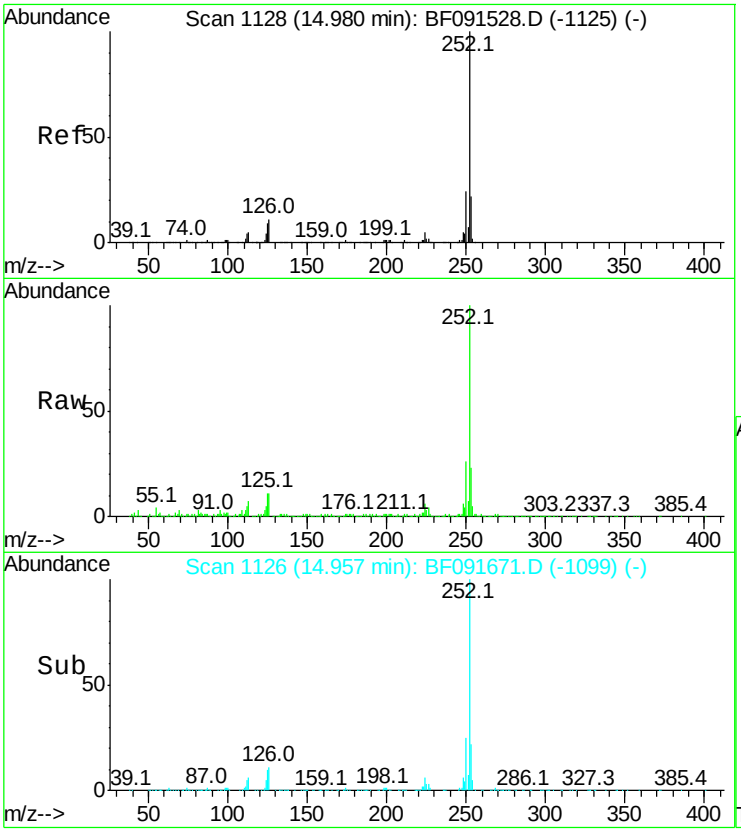


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:264 Resp: 257230

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	23.0	17.0	25.6



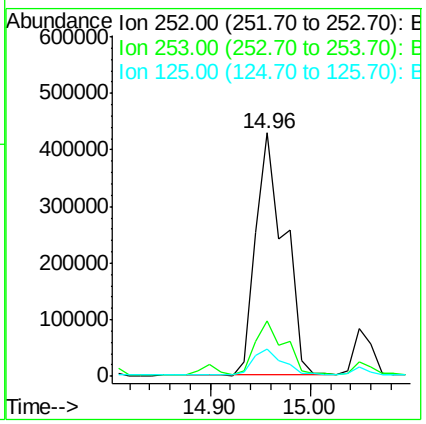


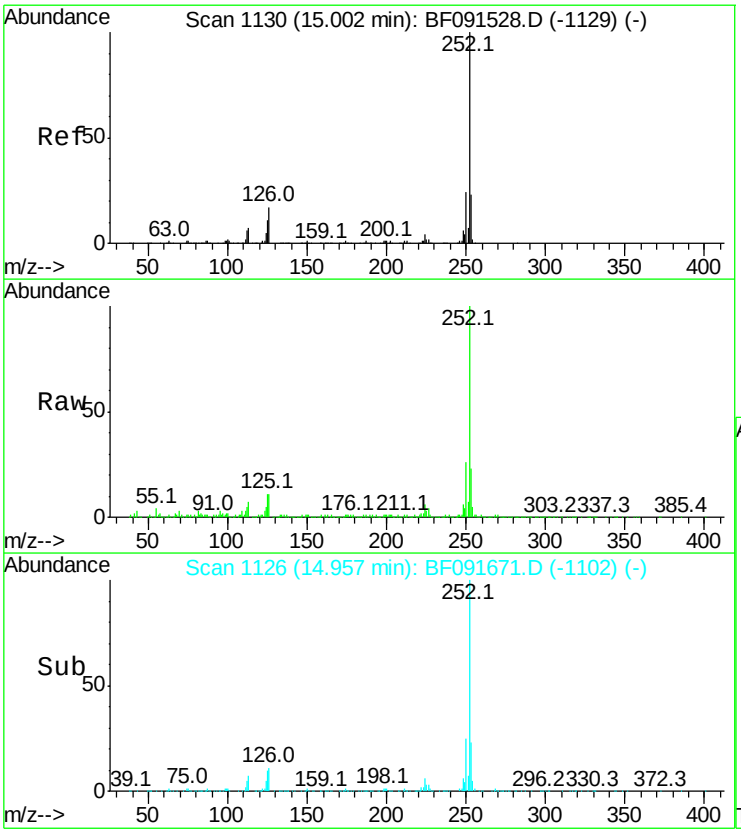
#87
Benzo(b)fluoranthene
Concen: 55.33 ng
RT: 14.96 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:252 Resp: 848445

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	11.0	8.6	13.0

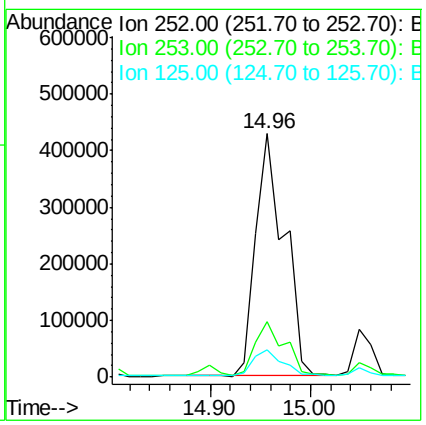


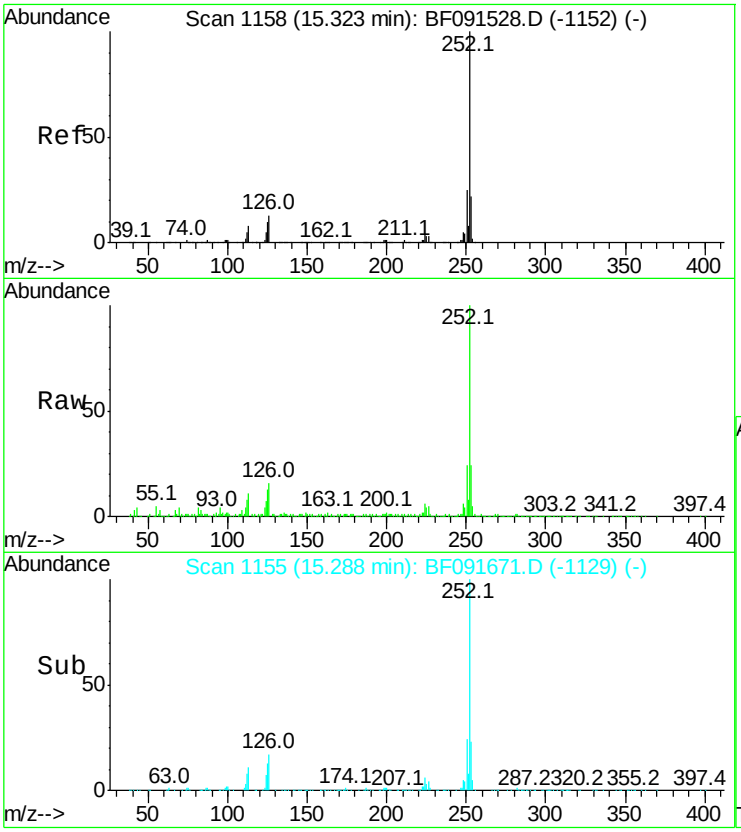


#88
Benzo(k)fluoranthene
Concen: 62.93 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:252 Resp: 848445

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.0	9.6	14.4



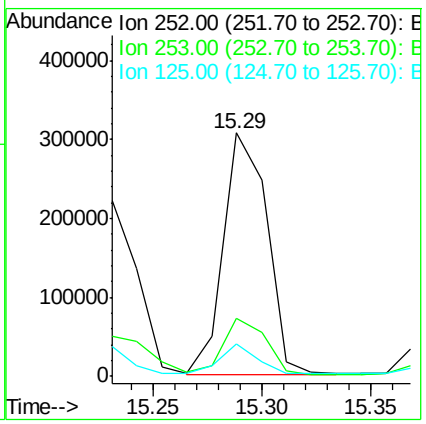


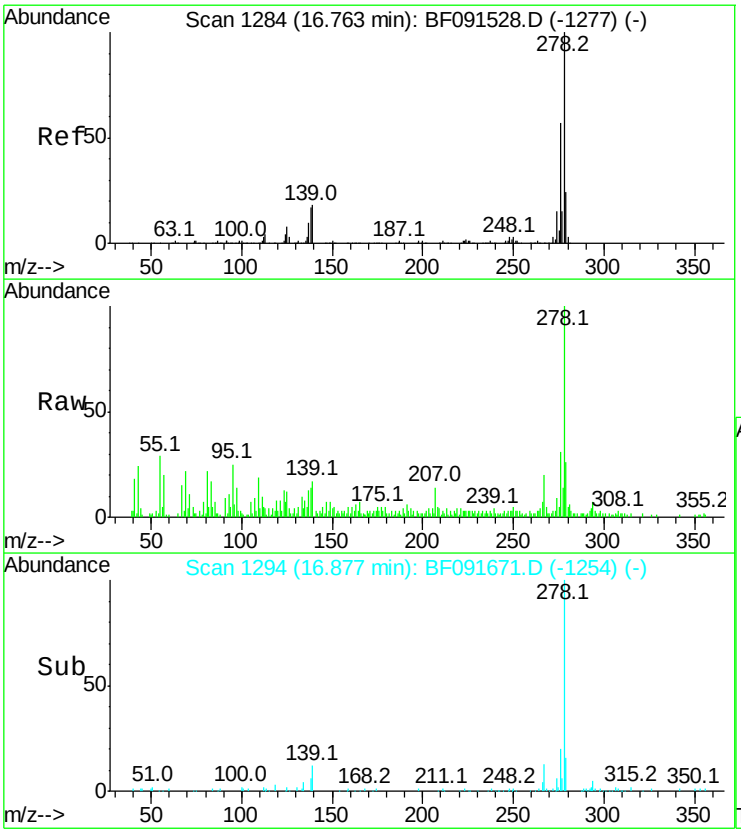
#89
Benzo(a)pyrene
Concen: 30.86 ng
RT: 15.29 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:252 Resp: 426328

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	13.4	10.4	15.6

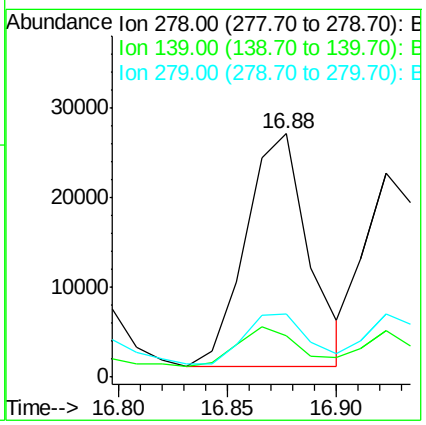


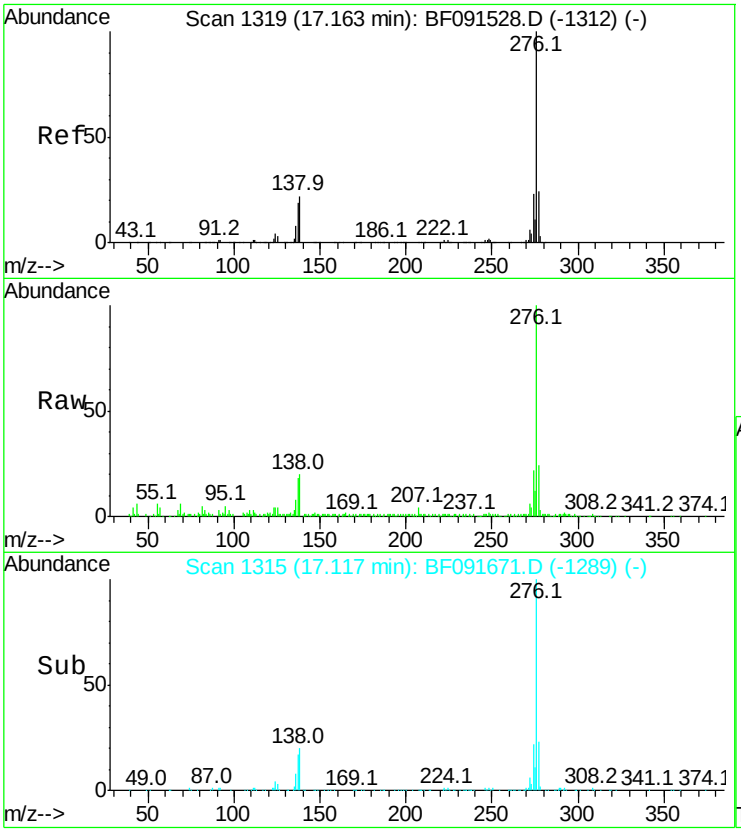


#90
Dibenzo(a,h)anthracene
Concen: 4.25 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.16 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:278 Resp: 52626

Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.1	22.7
279	25.9	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 16.95 ng
RT: 17.12 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tgt Ion:276 Resp: 213518

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.2	15.4	23.0