Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091646.D
Acq On : 15 Dec 2016 23:27
Operator : UM/SJ
Sample : H6007-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-12-10-15

Quant Time: Dec 16 00:16:30 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	6.78	152	284705	20.00	ng		-0.03
21) Naphthalene-d8	8.06	136	1091576	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	474682	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	598571	20.00	ng		-0.03
75) Chrysene-d12	13.94	240	582785	20.00	ng		-0.02
86) Perylene-d12	15.35	264	416130	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	2175595	128.74	ng		-0.02
7) Phenol-d6	6.43	99	2374569	112.71	ng		-0.02
23) Nitrobenzene-d5	7.36	82	2174674	111.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	471300	119.54	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	2154625	78.43	ng		-0.03
78) Terphenyl-d14	12.89	244	1616313	62.93	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.44	94	118367	4.81	ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	297290	22.57	ng	#	59
20) 3+4-Methylphenols	6.94	107	637	Below Cal		#	1
25) Isophorone	7.36	82	1990391	57.25	ng	#	67
49) Dimethylphthalate	9.55	163	535063	17.80	ng		99
56) 2,4-Dinitrotoluene	9.82	165	62379	7.54	ng	#	33
57) Fluorene	10.37	166	5720	Below Cal			91
64) 4,6-Dinitro-2-methylphenol	10.61	198	1210	3.26	ng	#	1
66) 4-Bromophenyl-phenylether	10.61	248	32674	5.32	ng	#	1
70) Phenanthrene	11.32	178	84268	2.84	ng		98
74) Fluoranthene	12.51	202	137617	4.43	ng		97
77) Pyrene	12.74	202	127848	2.77	ng		98
80) Benzo(a)anthracene	13.93	228	68532	2.02	ng		98
87) Benzo(b)fluoranthene	14.95	252	71366	2.88	ng	#	96
88) Benzo(k)fluoranthene	14.95	252	71366	3.27	ng	#	96

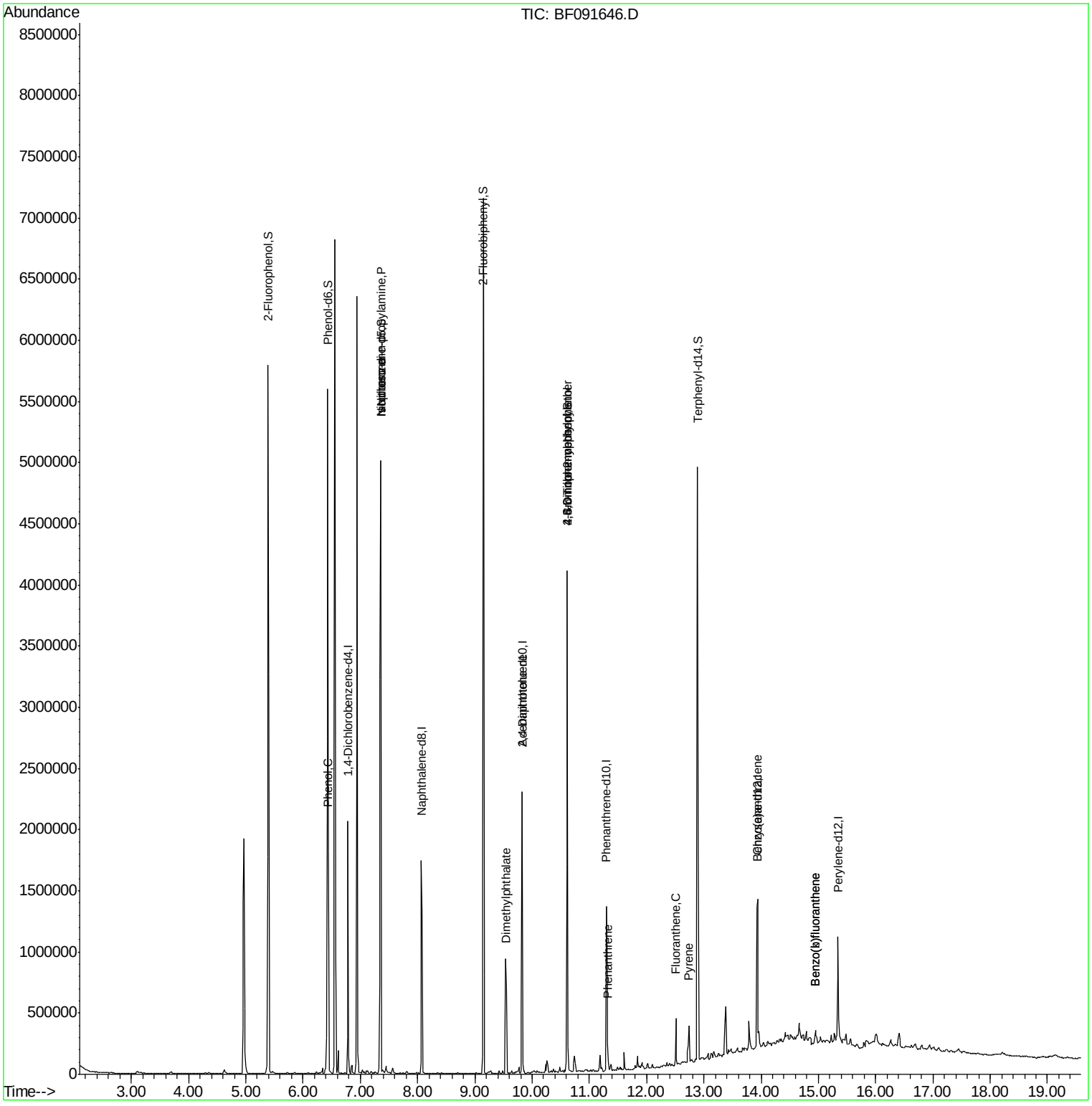
(#) = qualifier out of range (m) = manual integration (+) = signals summed

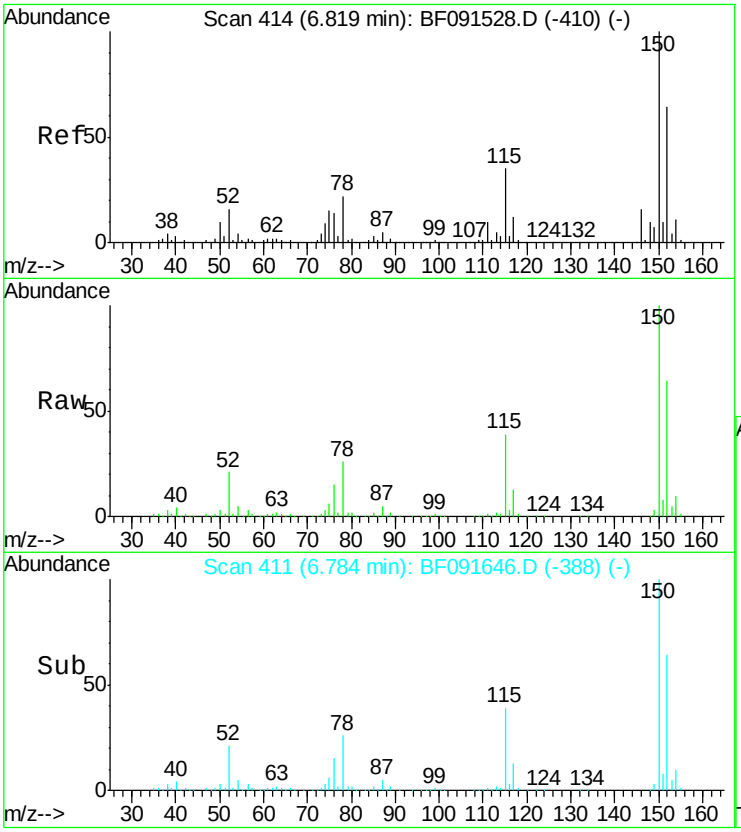
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091646.D
Acq On : 15 Dec 2016 23:27
Operator : UM/SJ
Sample : H6007-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Quant Time: Dec 16 00:16:30 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



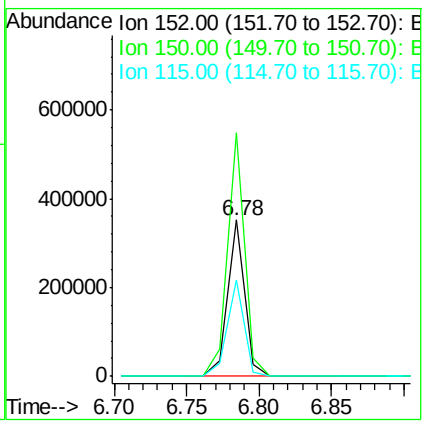


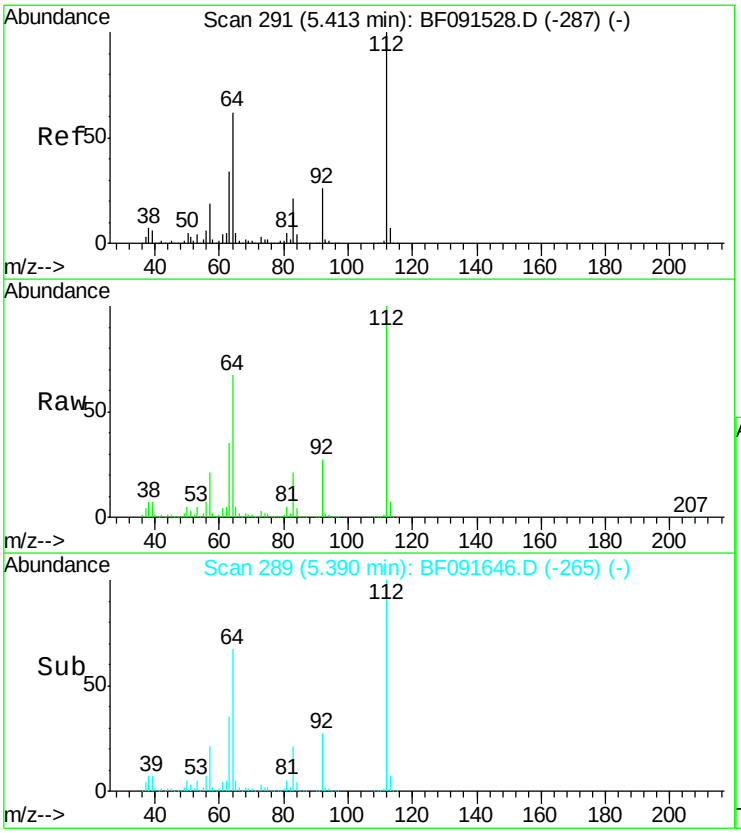
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:152 Resp: 284705

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.5	183.7
115	61.5	51.8	77.8

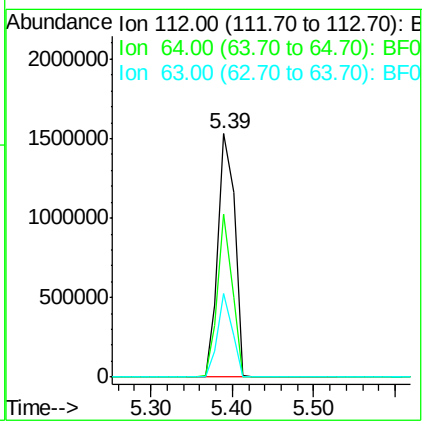


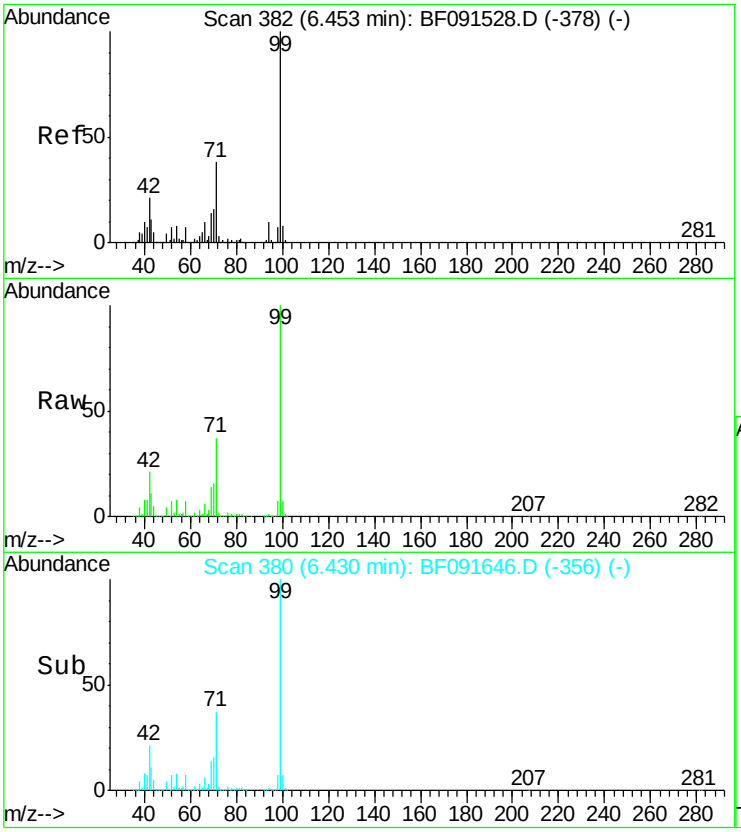


#5
2-Fluorophenol
Concen: 128.74 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:112 Resp: 2175595

Ion	Ratio	Lower	Upper
112	100		
64	66.9	61.5	92.3
63	34.6	33.3	49.9



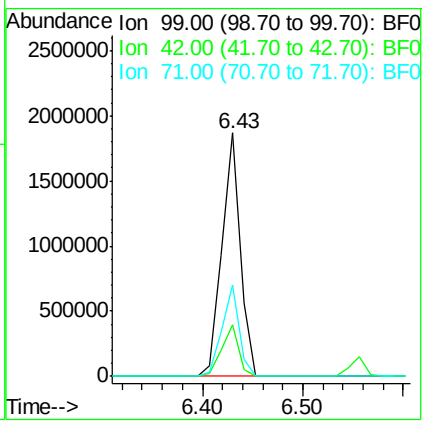


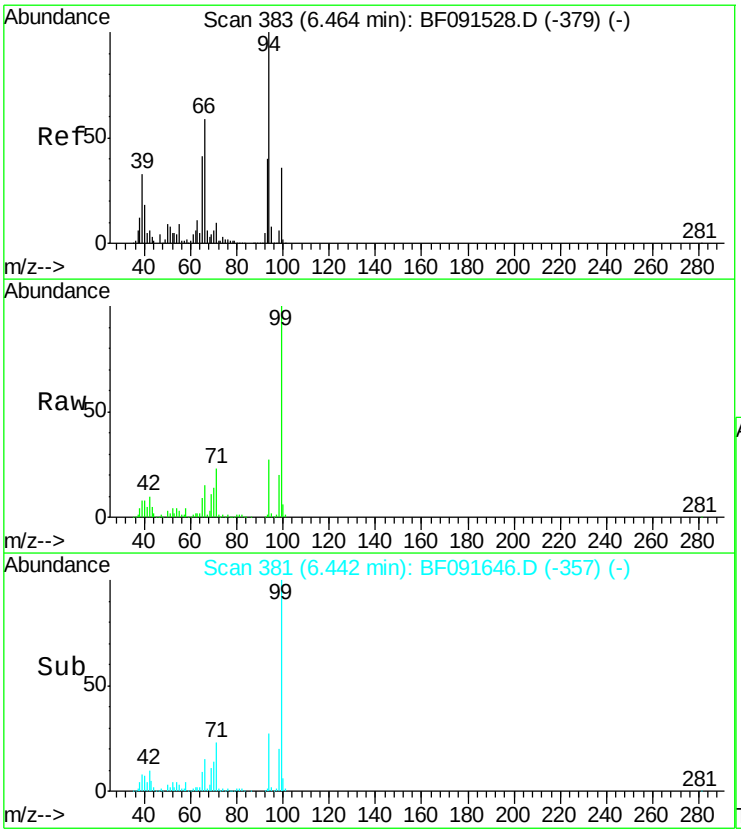
#7
Phenol-d6
Concen: 112.71 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion: 99 Resp: 2374569

Ion	Ratio	Lower	Upper
99	100		
42	21.5	20.6	31.0
71	37.3	29.9	44.9

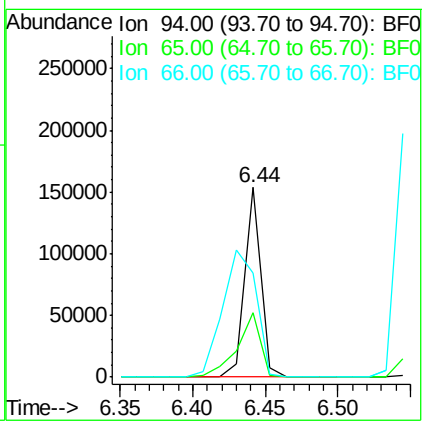


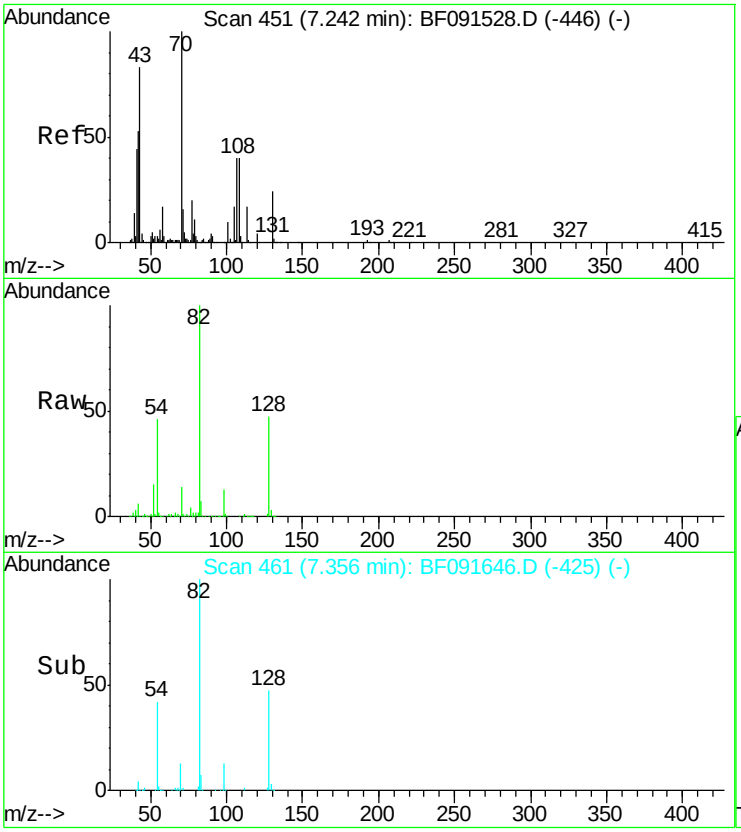


#10
Phenol
Concen: 4.81 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion: 94 Resp: 118367

Ion	Ratio	Lower	Upper
94	100		
65	34.0	16.9	56.9
66	55.2	30.6	70.6



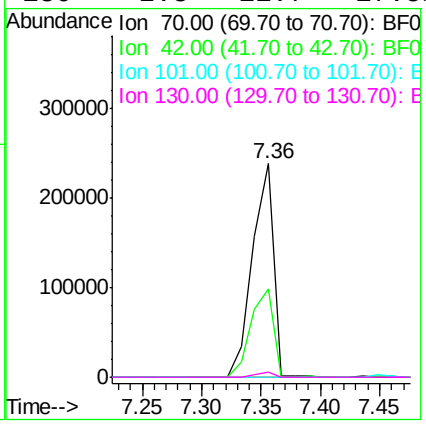


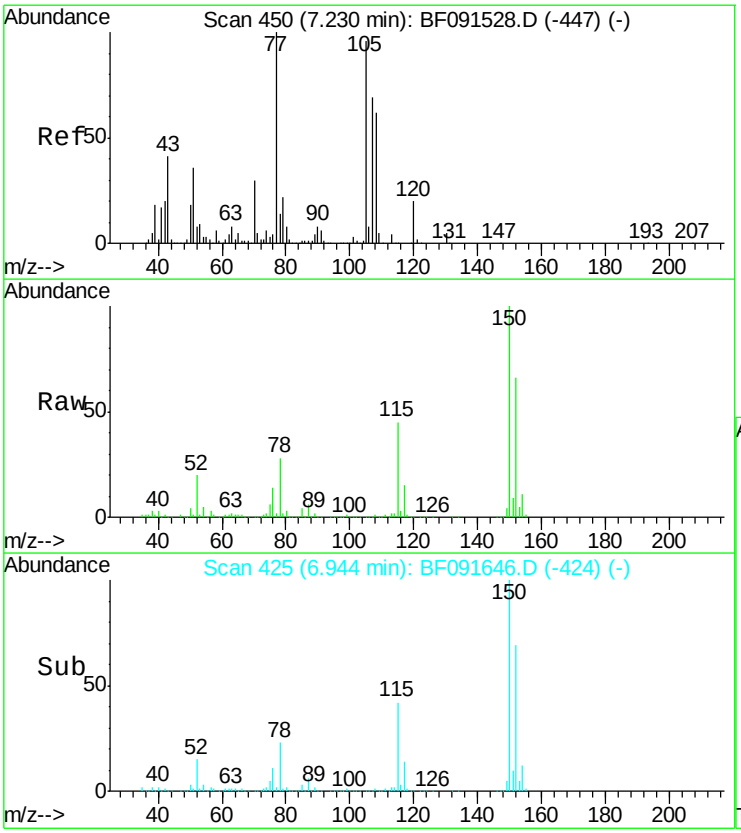
#19
n-Nitroso-di-n-propylamine
Concen: 22.57 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion: 70 Resp: 297290

Ion	Ratio	Lower	Upper
70	100		
42	41.5	64.8	97.2#
101	0.0	6.2	9.4#
130	2.3	11.7	17.5#

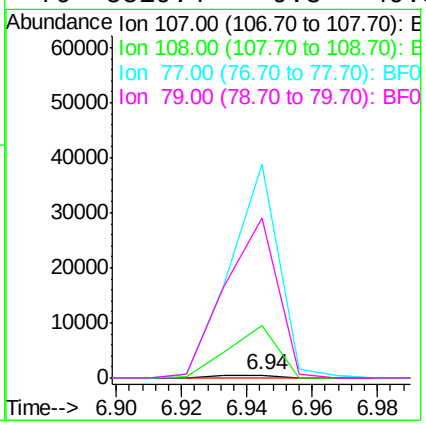


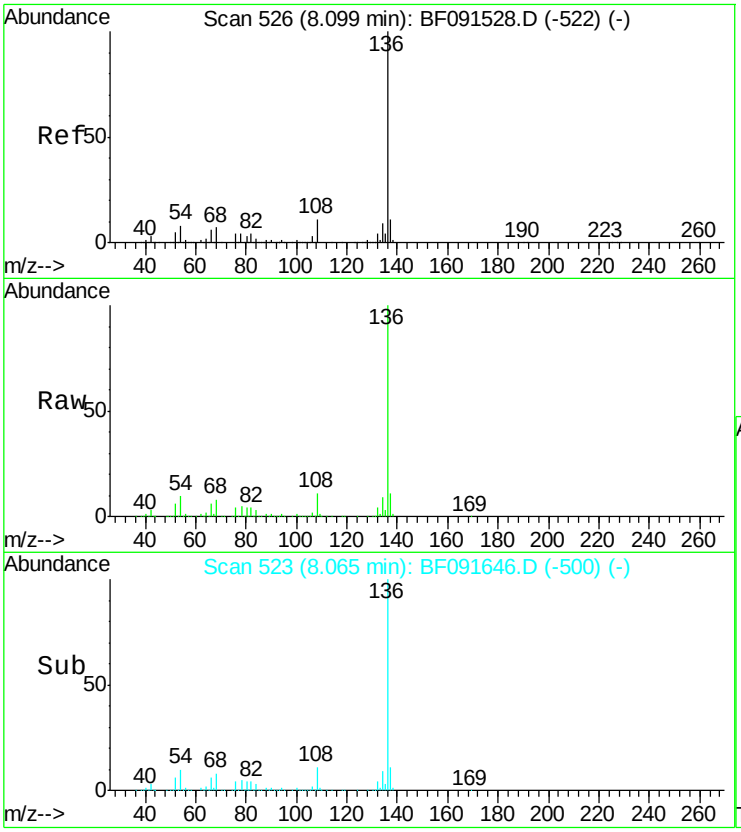


#20
3+4-Methylphenols
Concen: Below Cal
RT: 6.94 min Scan# 425
Delta R.T. -0.29 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:107 Resp: 637

Ion	Ratio	Lower	Upper
107	100		
108	1829.8	64.6	104.6#
77	7376.4	30.9	70.9#
79	5519.4	9.3	49.3#



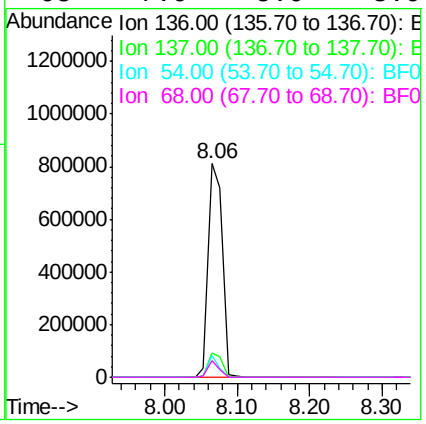


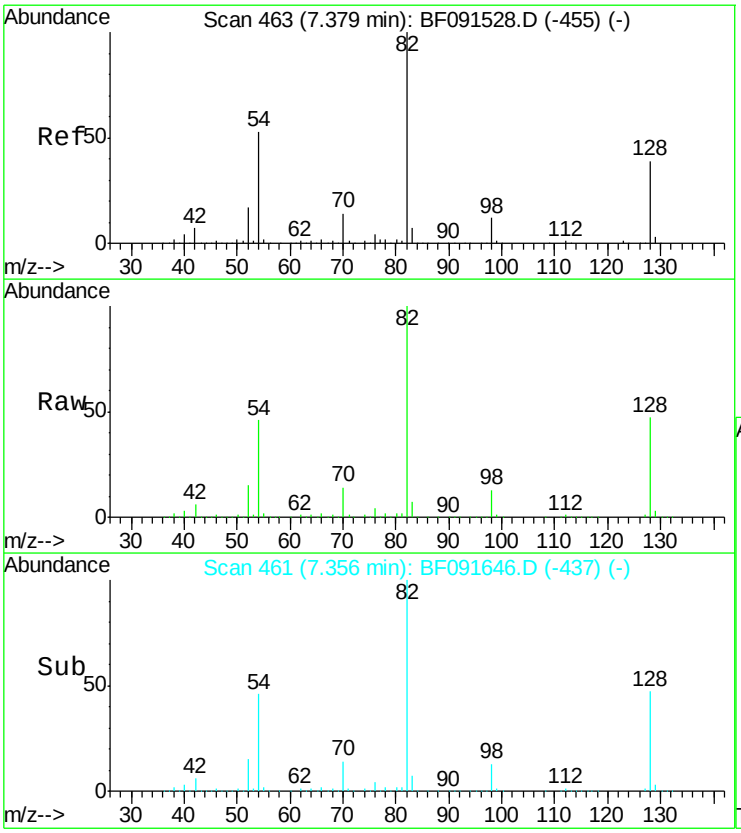
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:136 Resp: 1091576

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.4	9.1	13.7
68	7.9	5.9	8.9

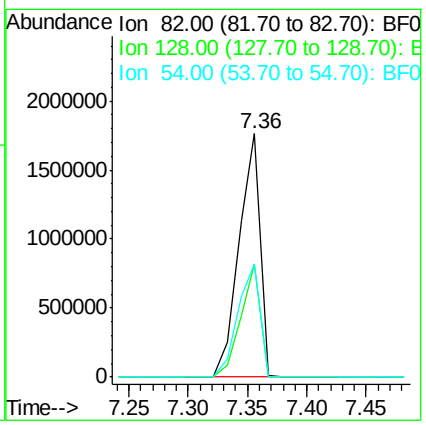


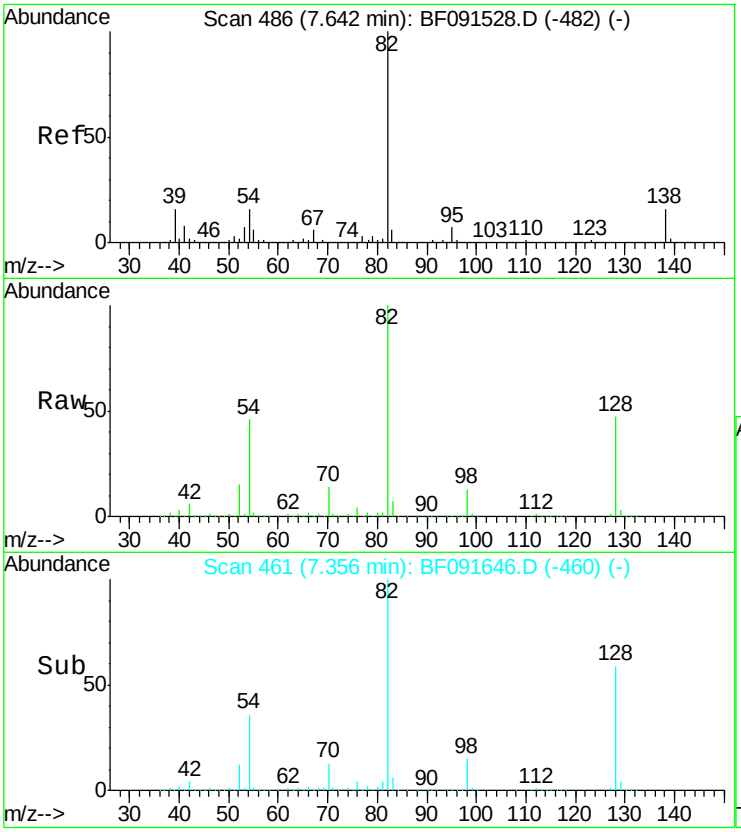


#23
Nitrobenzene-d5
Concen: 111.19 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion: 82 Resp: 2174674

Ion	Ratio	Lower	Upper
82	100		
128	46.6	31.8	47.6
54	46.3	49.1	73.7#



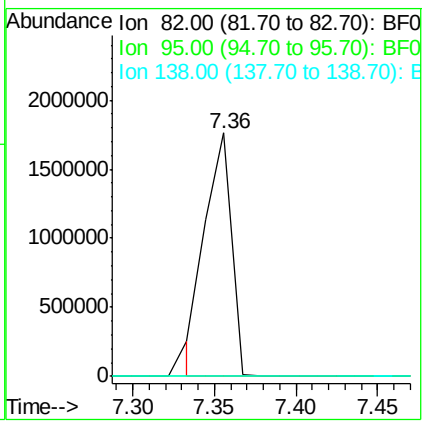


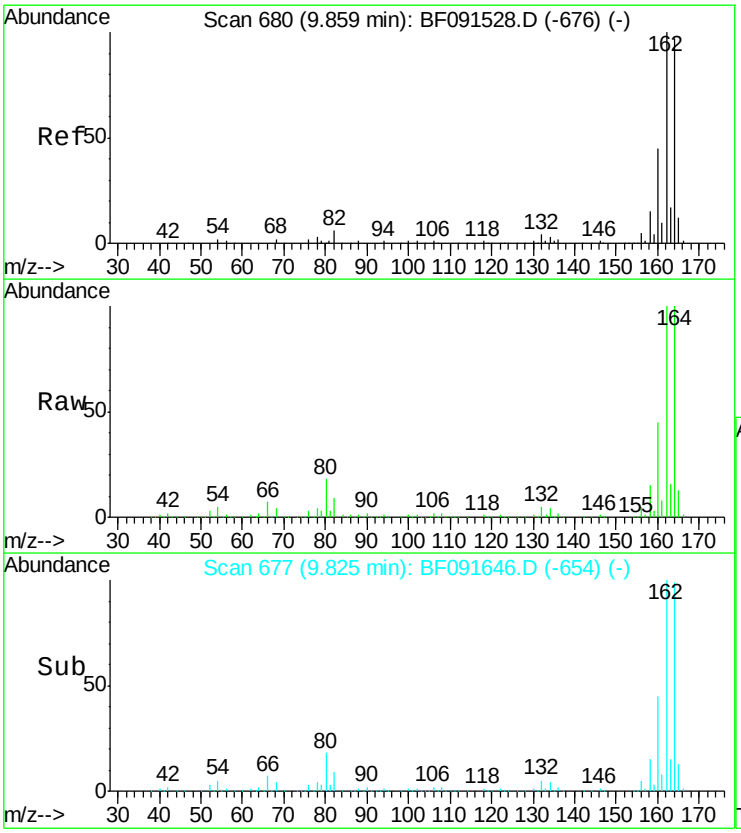
#25
Isophorone
Concen: 57.25 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.29 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion: 82 Resp: 1990391

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

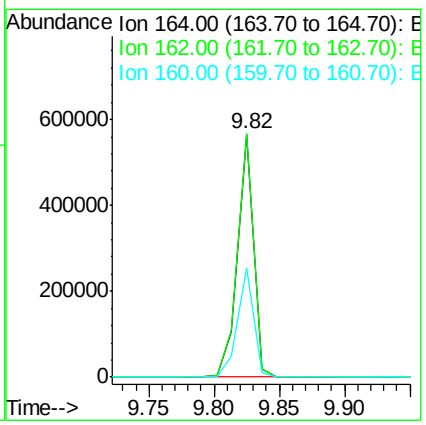


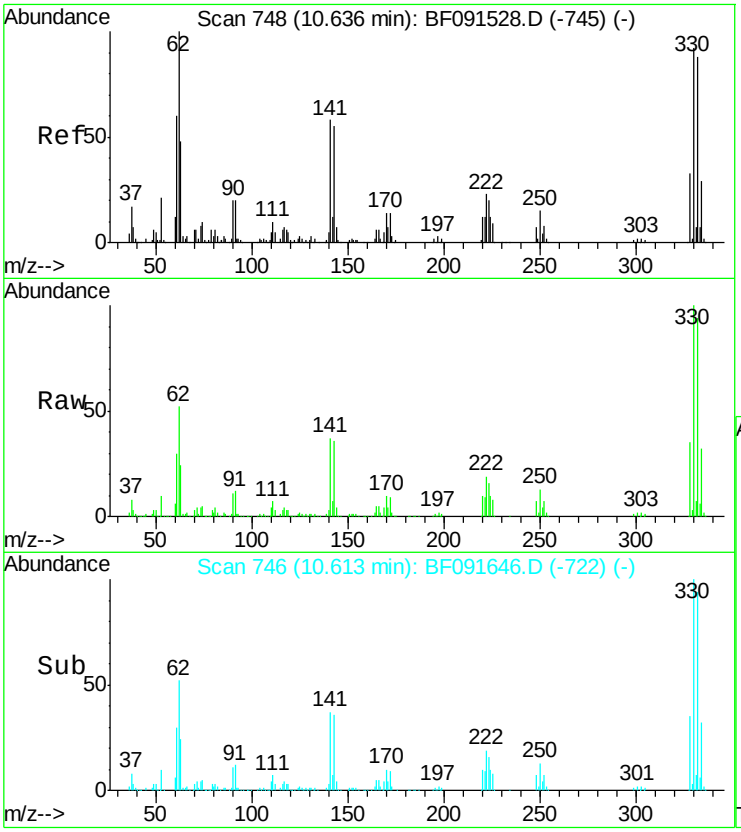


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:164 Resp: 474682

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	124.0
160	45.0	36.7	55.1



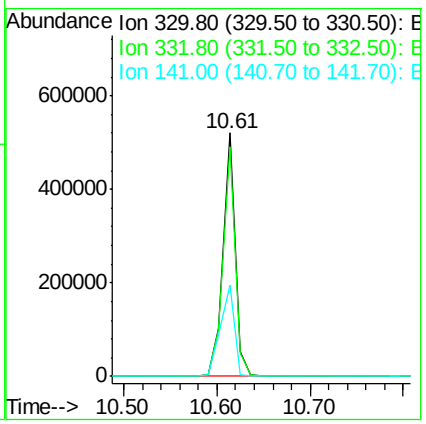


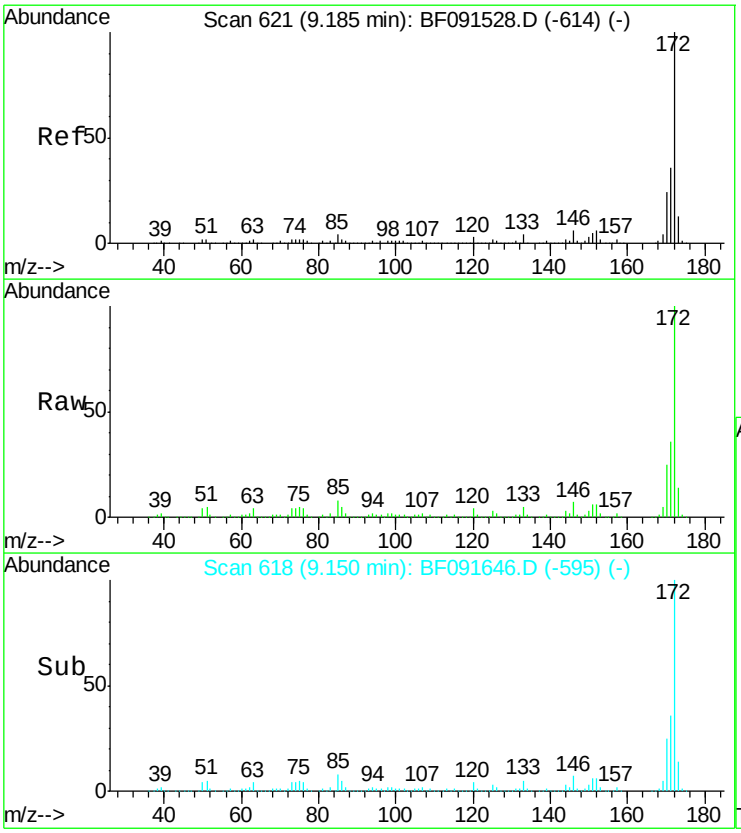
#41
2,4,6-Tribromophenol
Concen: 119.54 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:330 Resp: 471300

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	42.7	33.6	50.4

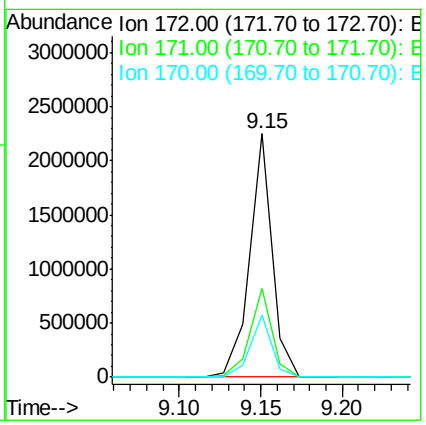


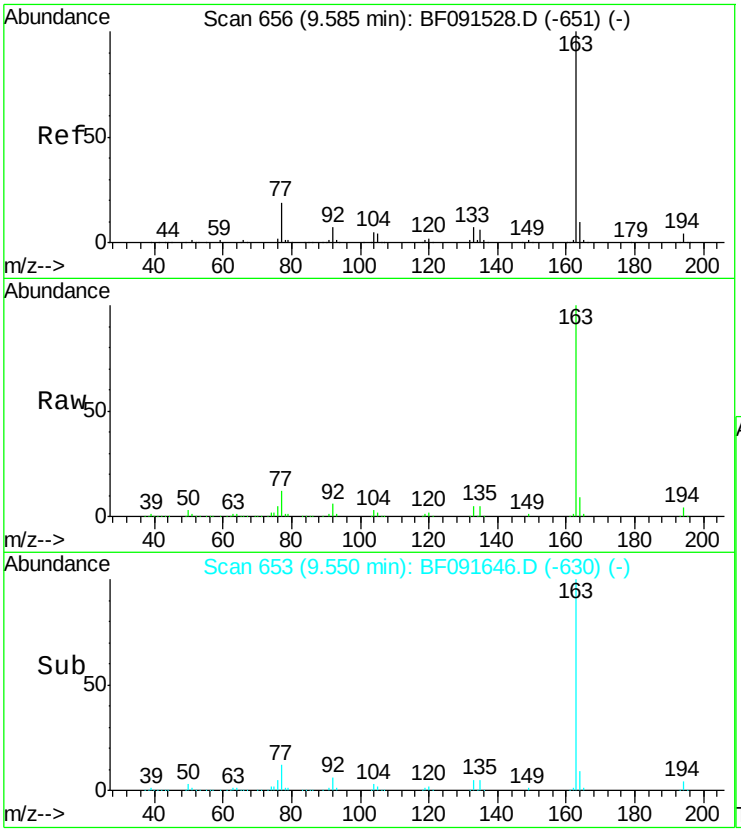


#44
2-Fluorobiphenyl
Concen: 78.43 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:172 Resp: 2154625

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	25.3	19.7	29.5



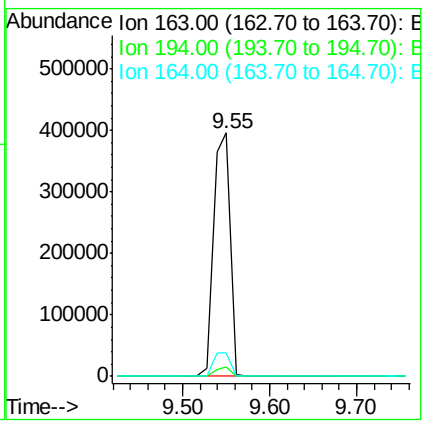


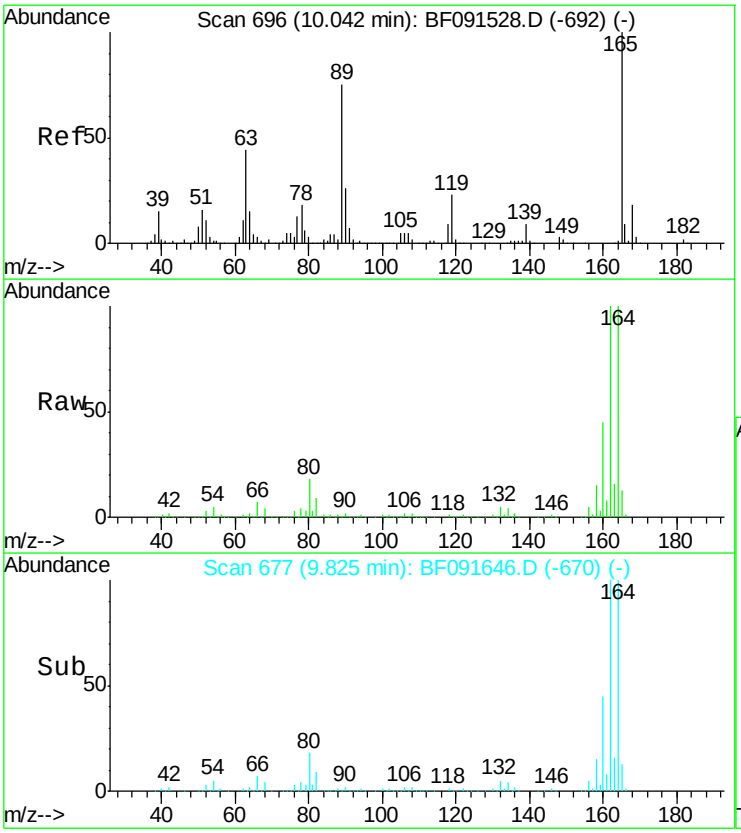
#49
Dimethylphthalate
Concen: 17.80 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:163 Resp: 535063

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.4	7.8	11.8

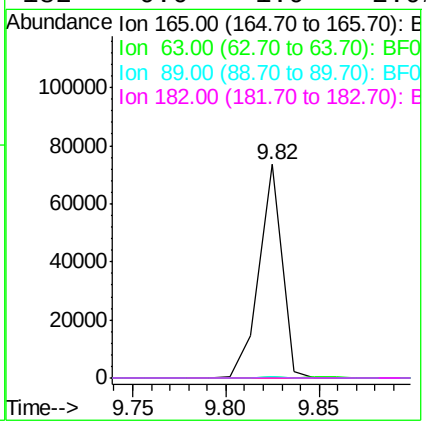


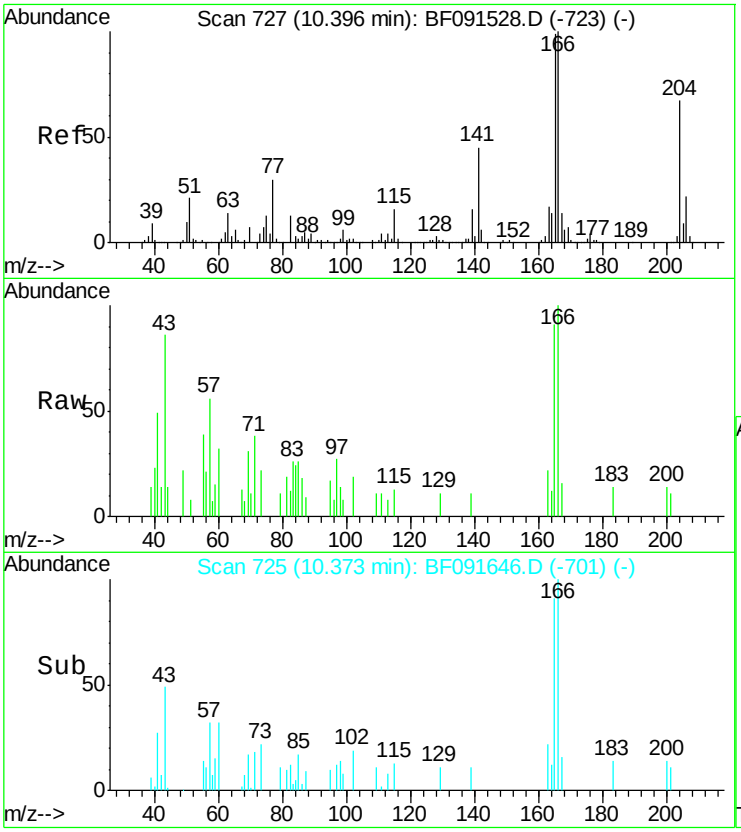


#56
2,4-Dinitrotoluene
Concen: 7.54 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.22 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:165 Resp: 62379

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#



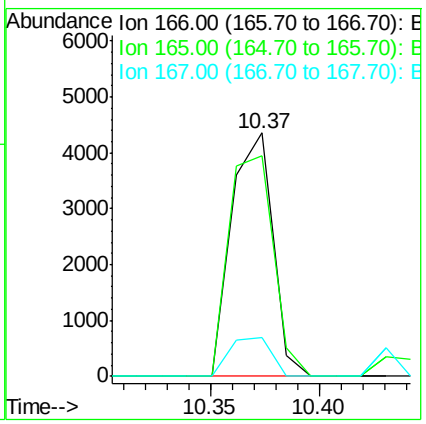


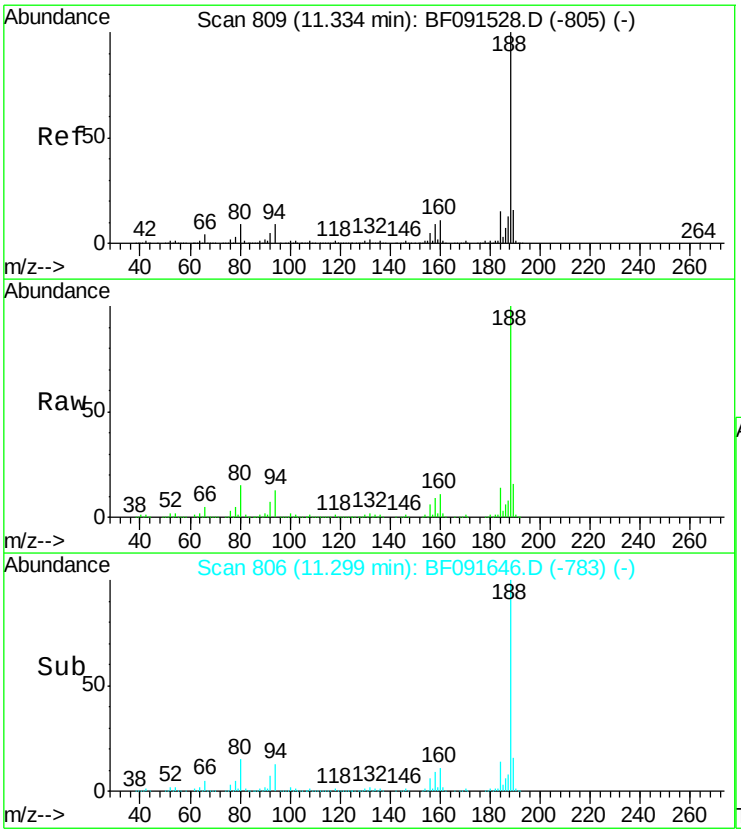
#57
Fluorene
Concen: Below Cal
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:166 Resp: 5720

Ion	Ratio	Lower	Upper
166	100		
165	90.7	80.0	120.0
167	16.1	10.8	16.2

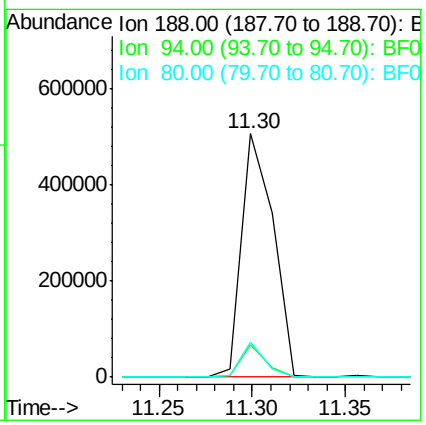


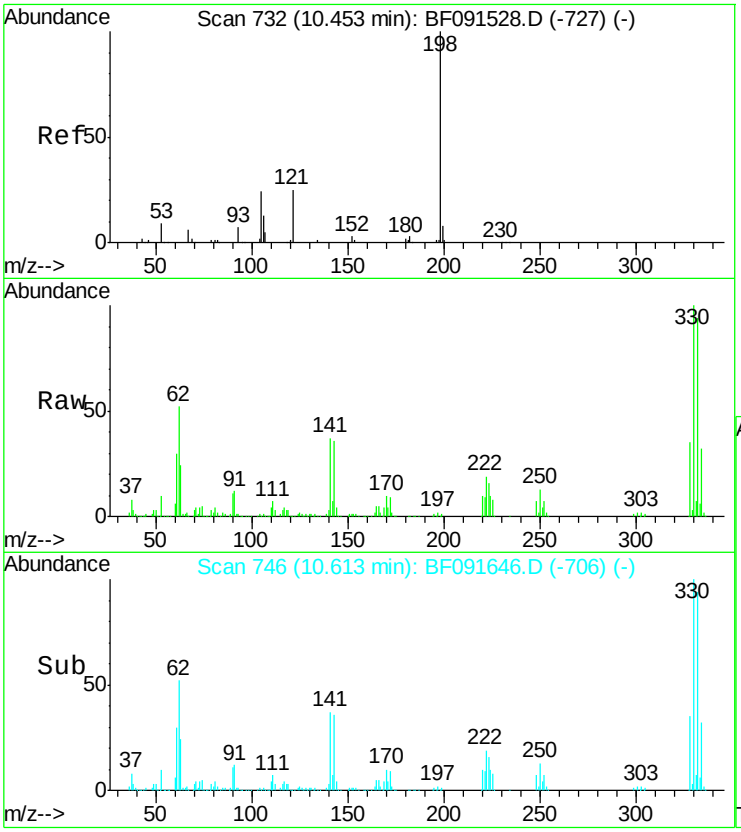


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:188 Resp: 598571

Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.2	13.8
80	14.5	10.5	15.7



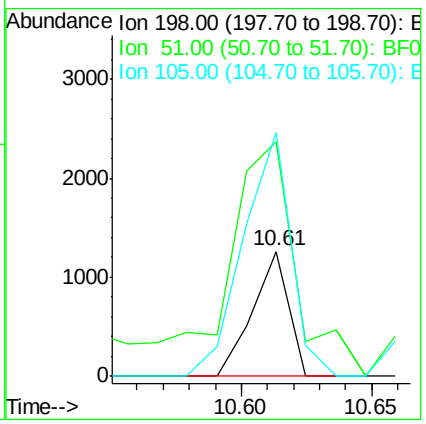


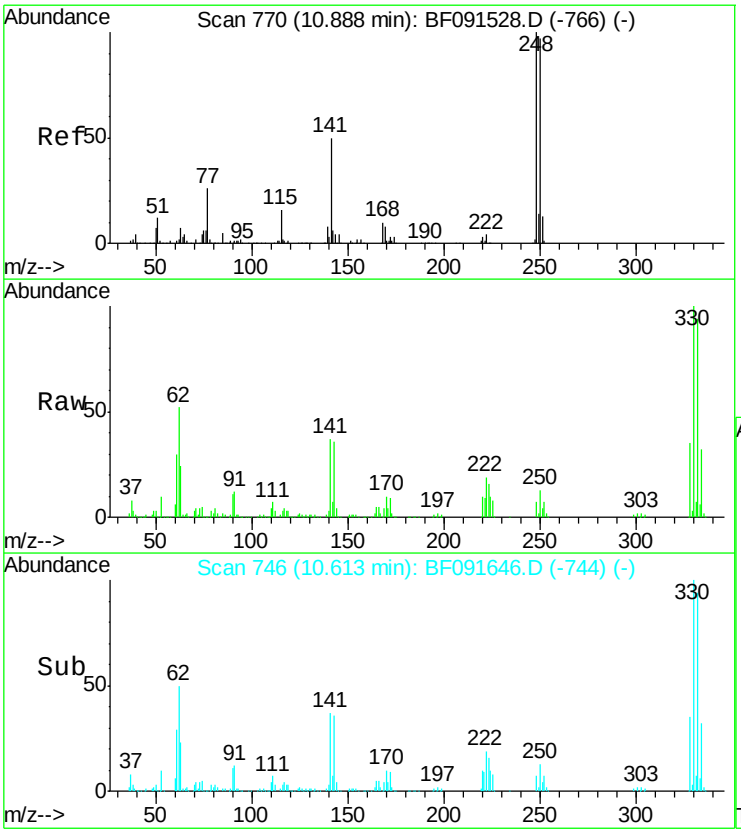
#64
4,6-Dinitro-2-methylphenol
Concen: 3.26 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.16 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:198 Resp: 1210

Ion	Ratio	Lower	Upper
198	100		
51	188.2	77.1	117.1#
105	194.8	44.8	84.8#

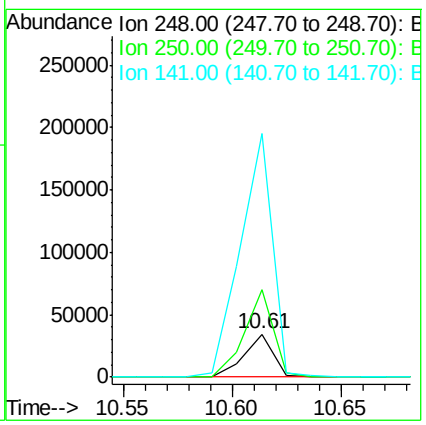


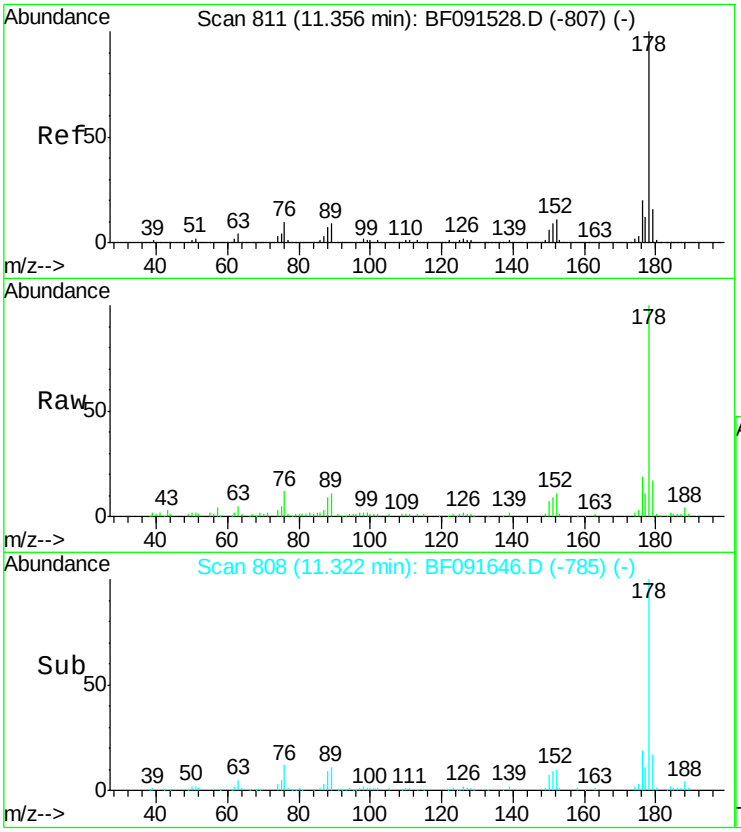


#66
4-Bromophenyl-phenylether
Concen: 5.32 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.27 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:248 Resp: 32674

Ion	Ratio	Lower	Upper
248	100		
250	201.2	78.2	117.4#
141	562.3	71.9	107.9#



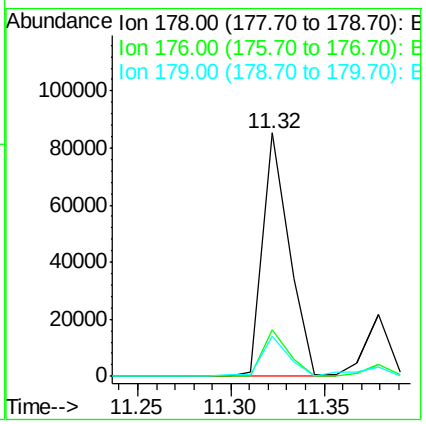


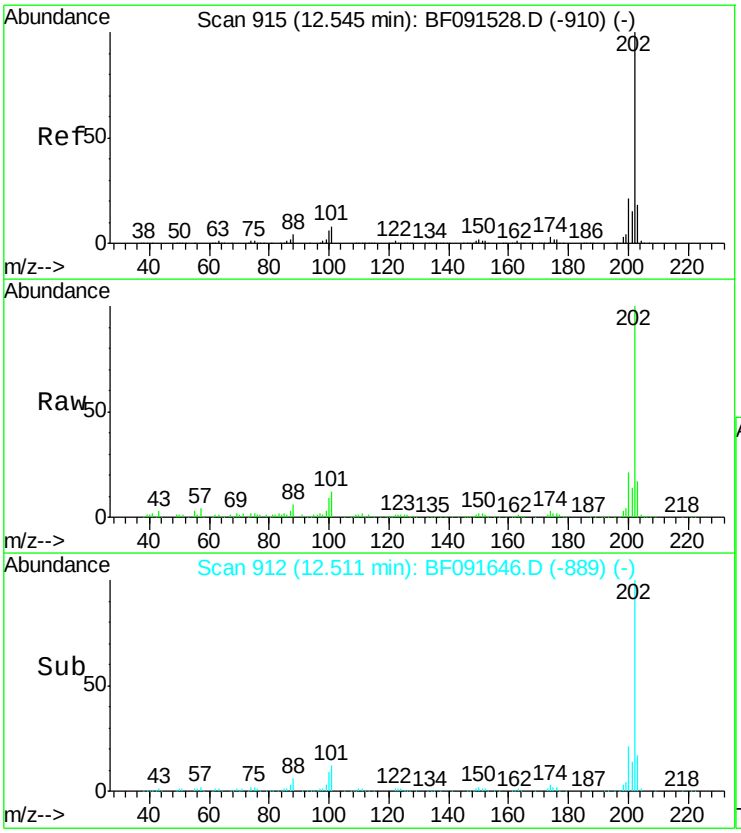
#70
Phenanthrene
Concen: 2.84 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:178 Resp: 84268

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	16.5	12.6	18.8

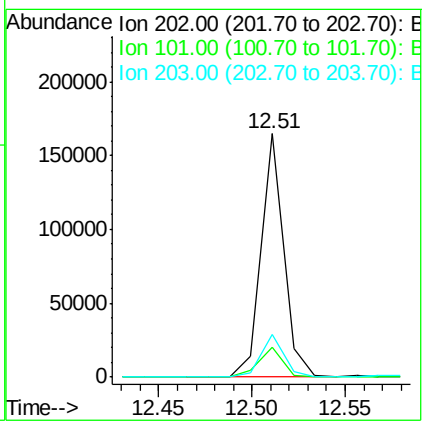


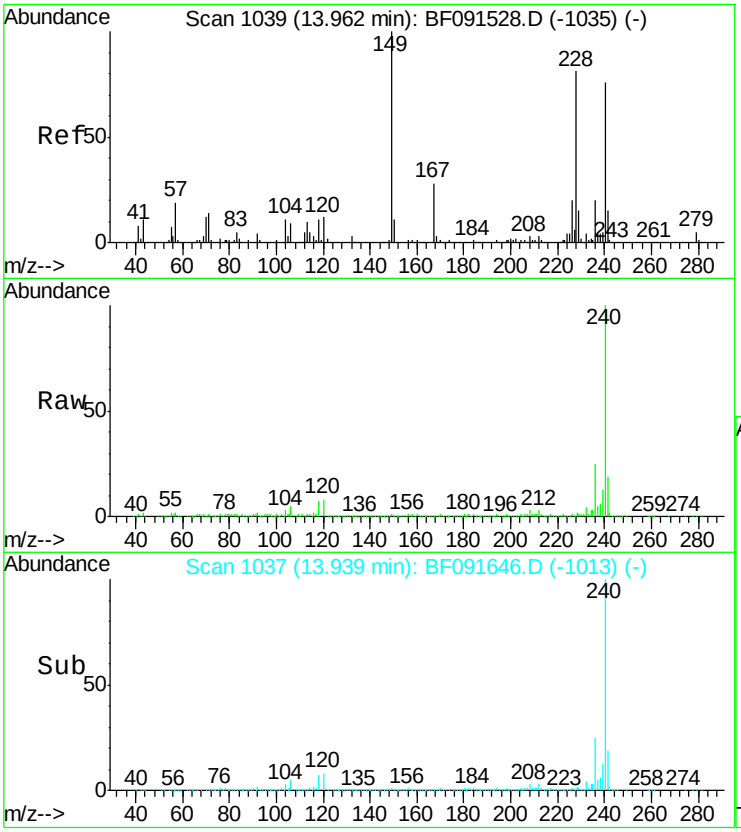


#74
Fluoranthene
Concen: 4.43 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:202 Resp: 137617

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.5
203	17.4	0.0	37.8



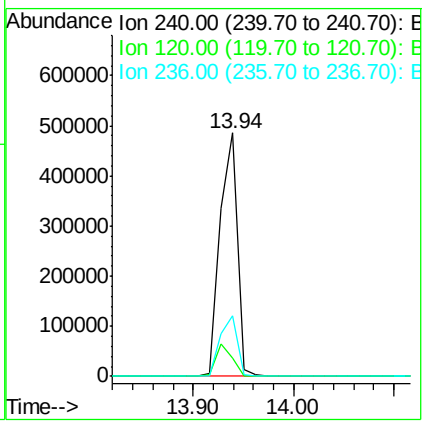


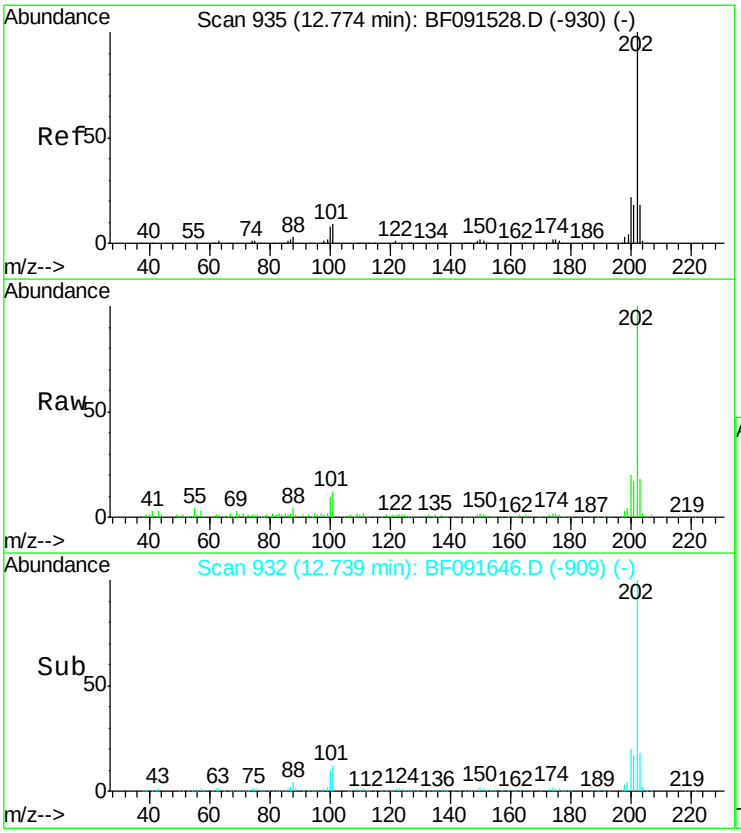
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:240 Resp: 582785

Ion	Ratio	Lower	Upper
240	100		
120	7.7	12.1	18.1#
236	25.0	21.0	31.6

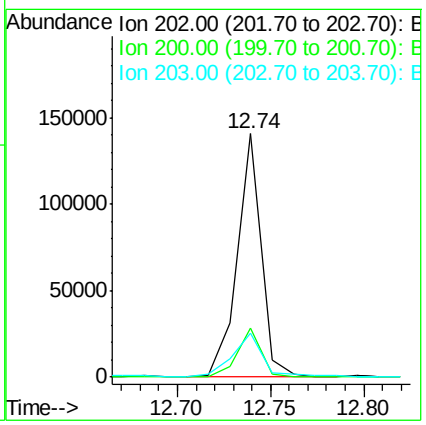


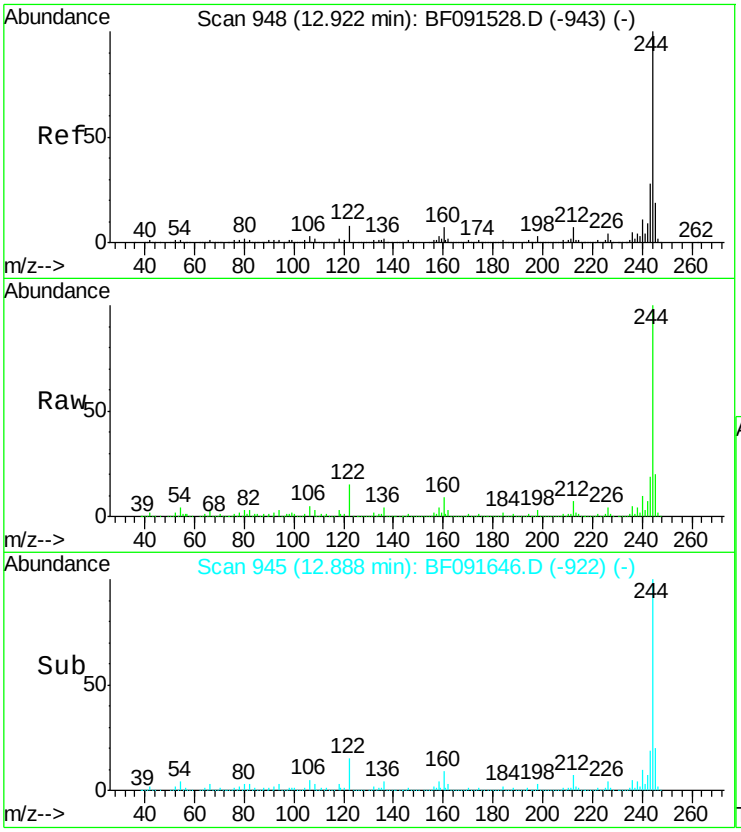


#77
Pyrene
Concen: 2.77 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:202 Resp: 127848

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	17.8	14.0	21.0



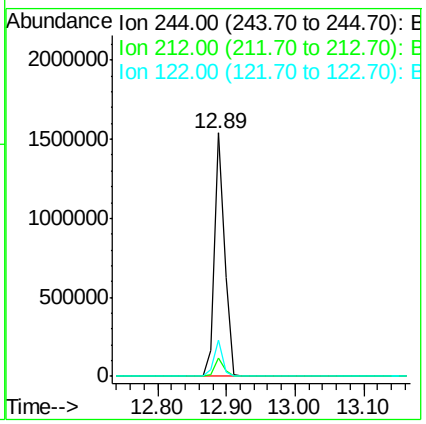


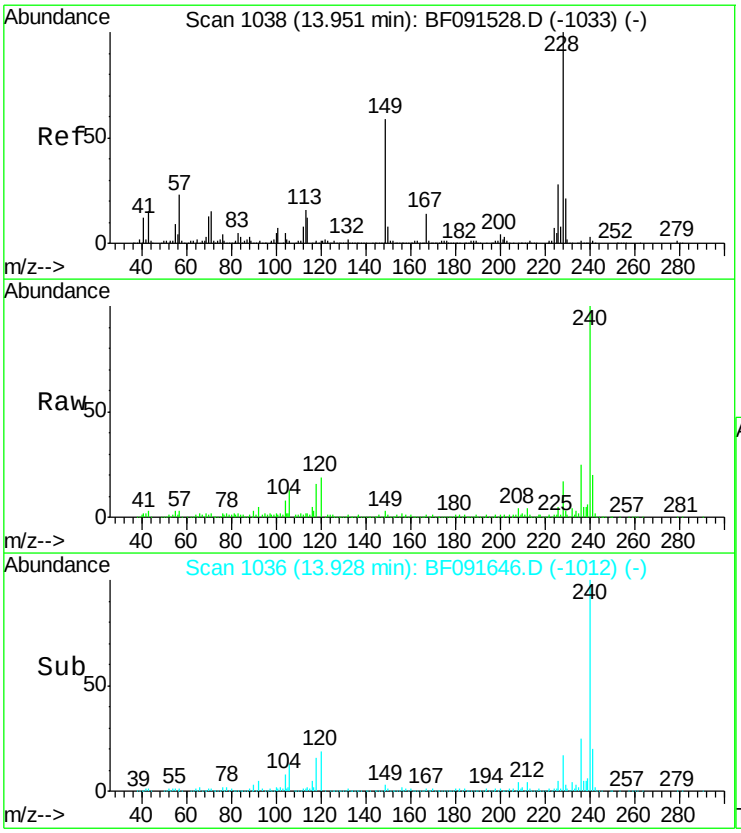
#78
Terphenyl-d14
Concen: 62.93 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:244 Resp: 1616313

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	14.7	9.5	14.3#

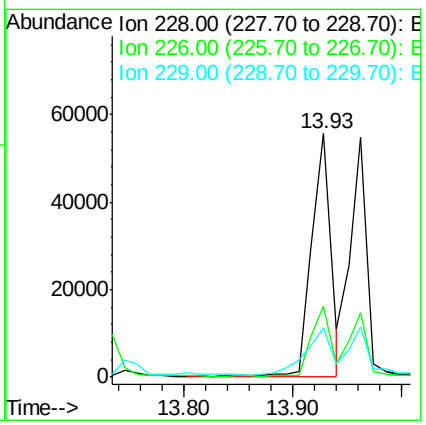


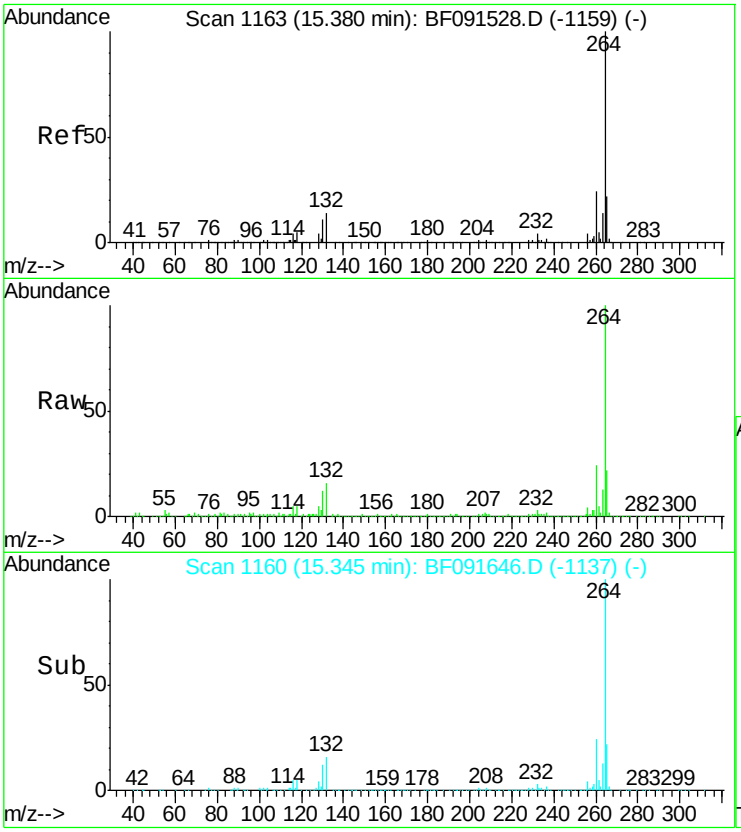


#80
Benzo(a)anthracene
Concen: 2.02 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:228 Resp: 68532

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	20.0	16.4	24.6



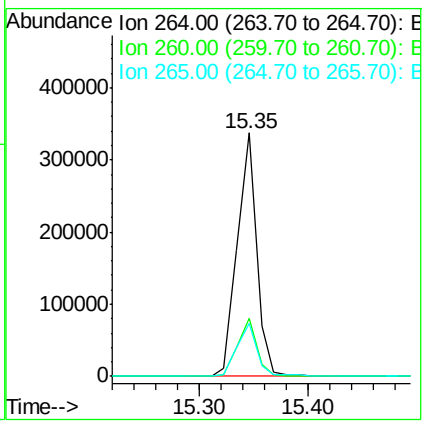


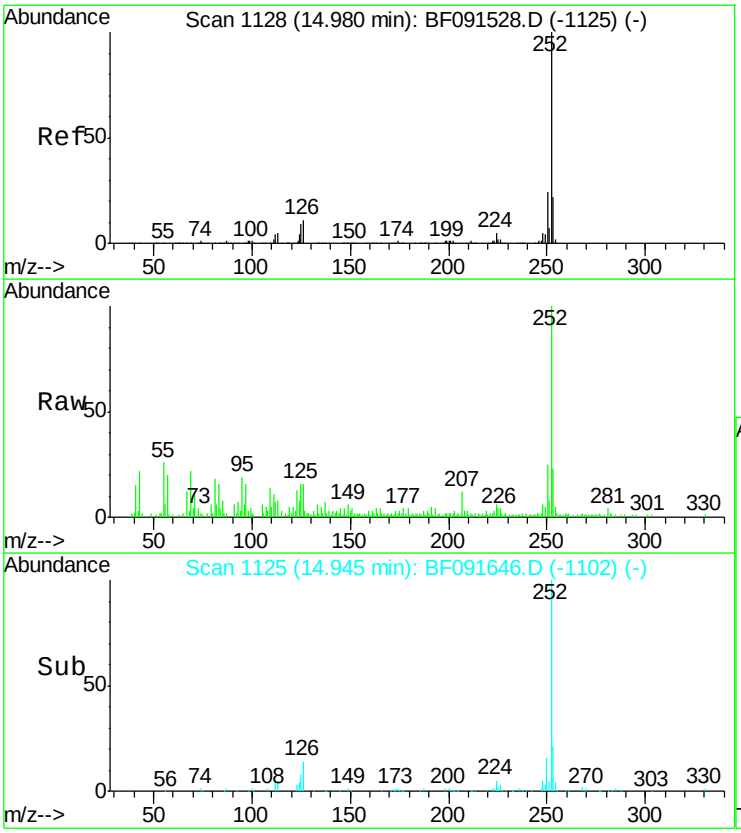
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:264 Resp: 416130

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.7	17.0	25.6

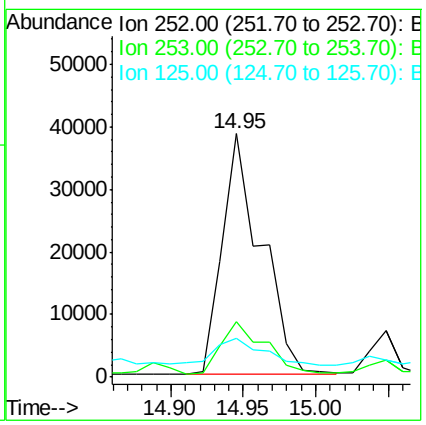


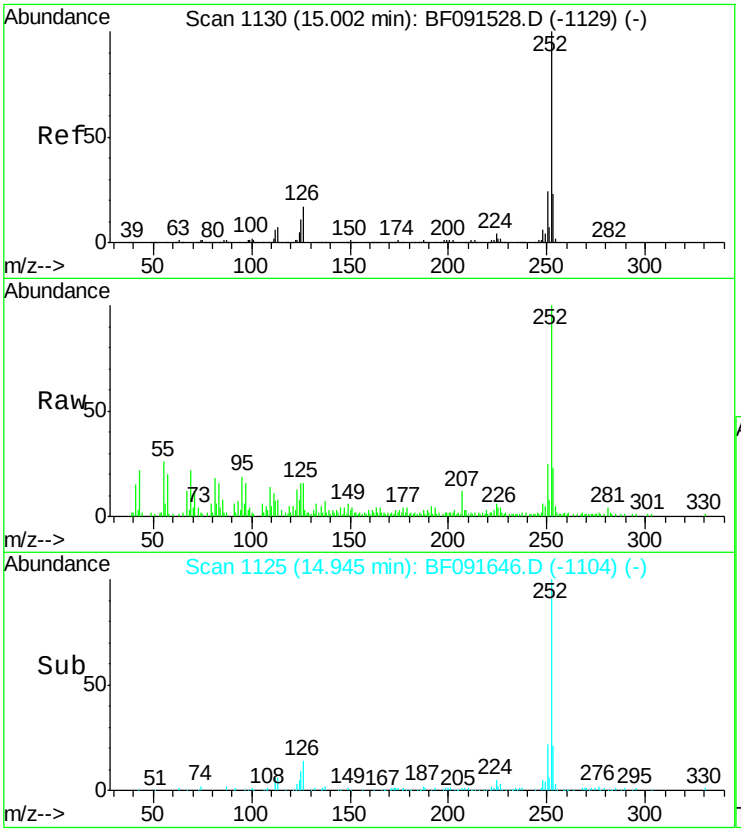


#87
Benzo(b)fluoranthene
Concen: 2.88 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion:252 Resp: 71366

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	15.7	8.6	13.0#





#88
Benzo(k)fluoranthene
Concen: 3.27 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.06 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tgt Ion:252 Resp: 71366

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	15.7	9.6	14.4#