Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091696.D
Acq On : 17 Dec 2016 2:03
Operator : UM/SJ
Sample : H6099-14 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP12-2.5-3FT

Quant Time: Dec 17 04:07:57 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	6.77	152	216615	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	884112	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	383538	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	527577	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	451575	20.00	ng		-0.01
86) Perylene-d12	15.33	264	339866	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	168649	13.12	ng		-0.01
7) Phenol-d6	6.42	99	214168	13.36	ng		-0.01
23) Nitrobenzene-d5	7.33	82	130759	8.25	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	35310	11.08	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	237411	10.70	ng		-0.01
78) Terphenyl-d14	12.88	244	154658	7.77	ng		-0.02
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.21	107	770	Below Cal			84
32) Benzoic acid	7.86	122	669	4.96	ng	#	24
50) 2,6-Dinitrotoluene	9.81	165	51154	9.60	ng	#	16
56) 2,4-Dinitrotoluene	9.81	165	51155	7.66	ng	#	33
57) Fluorene	10.36	166	12769	Below Cal			98
70) Phenanthrene	11.32	178	151393	5.79	ng		96
74) Fluoranthene	12.50	202	240981	8.81	ng		95
77) Pyrene	12.73	202	212480	5.93	ng		98
80) Benzo(a)anthracene	13.92	228	101010	3.85	ng	#	93
82) Chrysene	13.92	228	101010	3.68	ng		96
87) Benzo(b)fluoranthene	14.93	252	158127	7.80	ng	#	92
88) Benzo(k)fluoranthene	14.93	252	158127	8.88	ng	#	93
89) Benzo(a)pyrene	15.28	252	77031	4.22	ng	#	92
91) Benzo(g,h,i)perylene	17.08	276	49043	2.95	ng	#	85

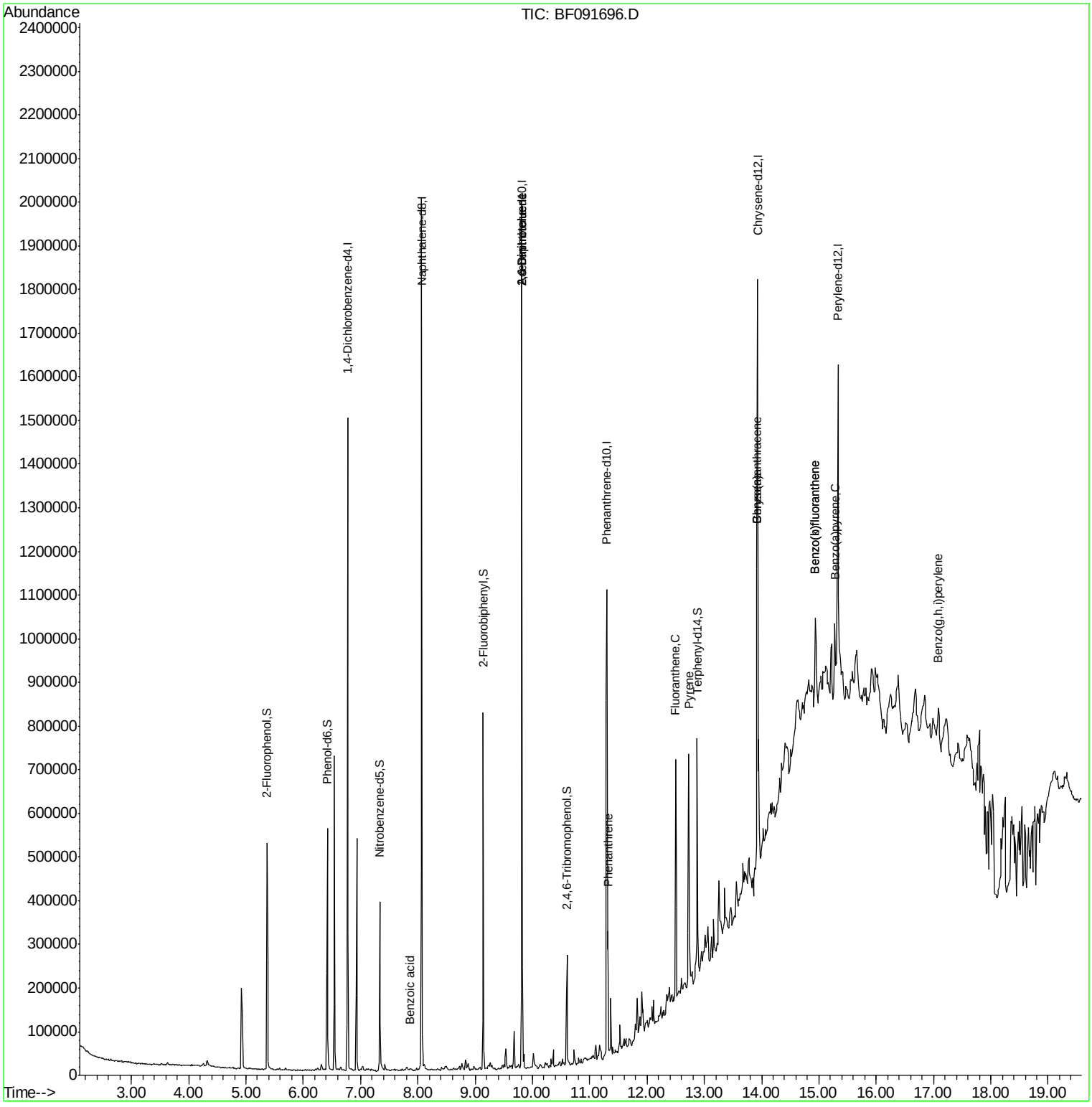
(#) = qualifier out of range (m) = manual integration (+) = signals summed

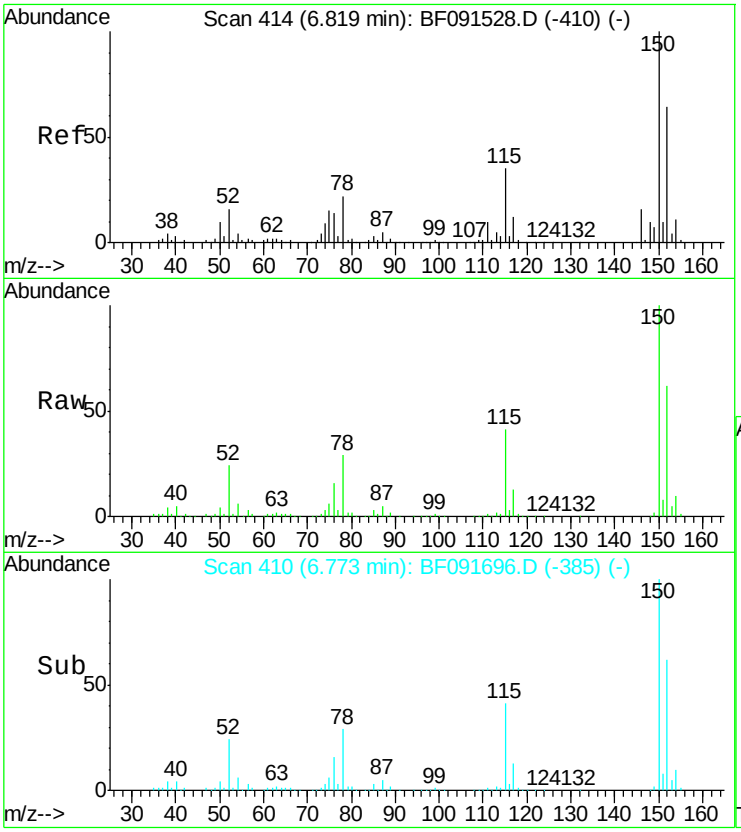
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091696.D
Acq On : 17 Dec 2016 2:03
Operator : UM/SJ
Sample : H6099-14 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Quant Time: Dec 17 04:07:57 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



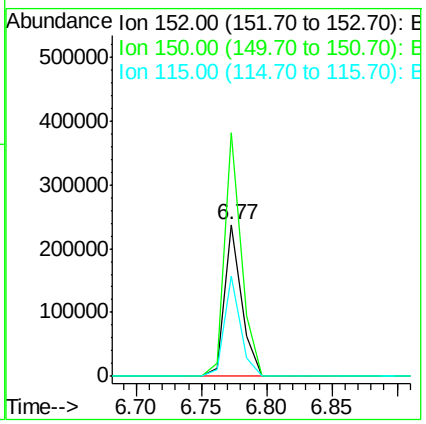


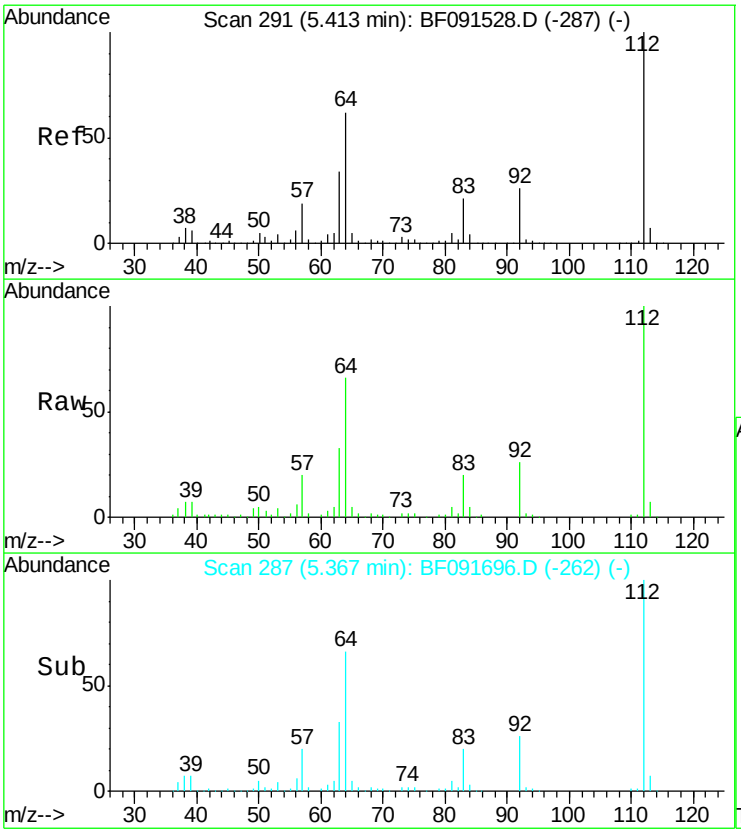
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:152 Resp: 216615

Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.5	183.7
115	65.8	51.8	77.8

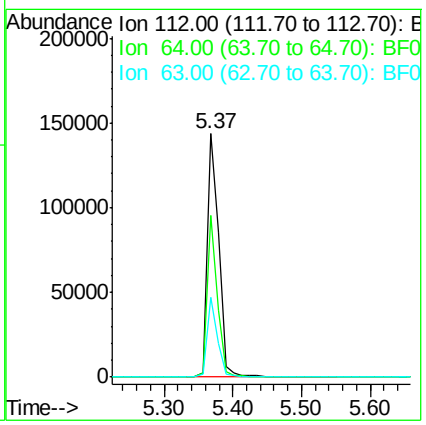


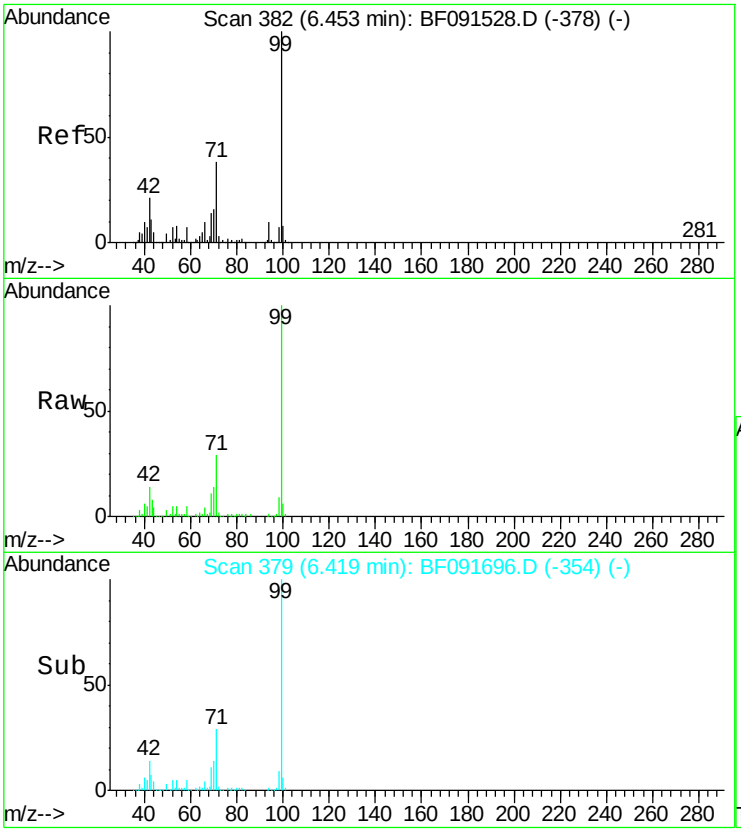


#5
2-Fluorophenol
Concen: 13.12 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:112 Resp: 168649

Ion	Ratio	Lower	Upper
112	100		
64	66.3	61.5	92.3
63	32.6	33.3	49.9#



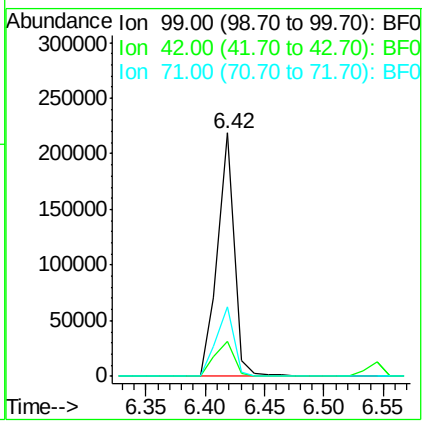


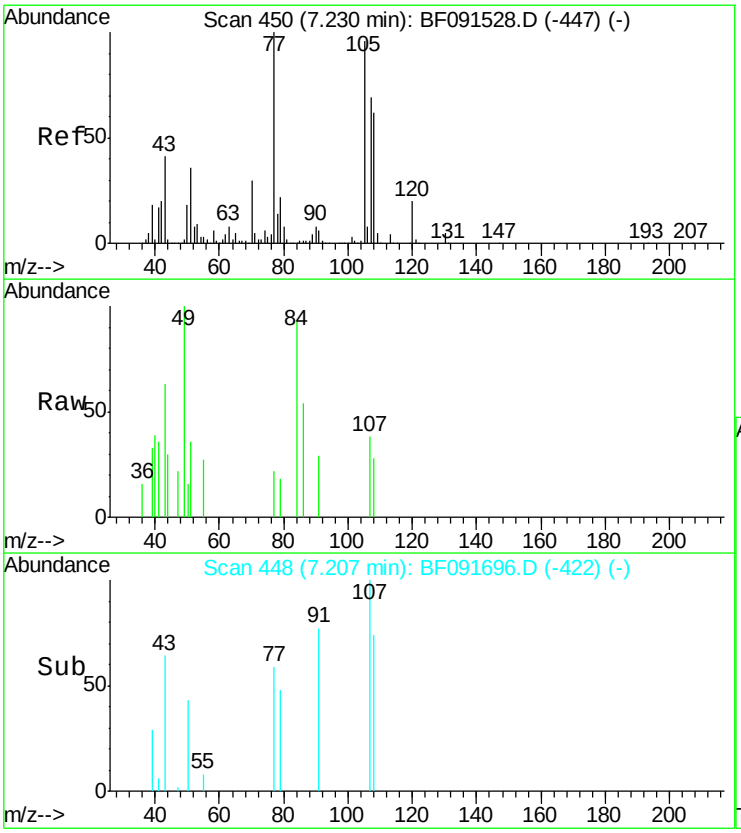
#7
Phenol-d6
Concen: 13.36 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion: 99 Resp: 214168

Ion	Ratio	Lower	Upper
99	100		
42	14.1	20.6	31.0#
71	28.8	29.9	44.9#

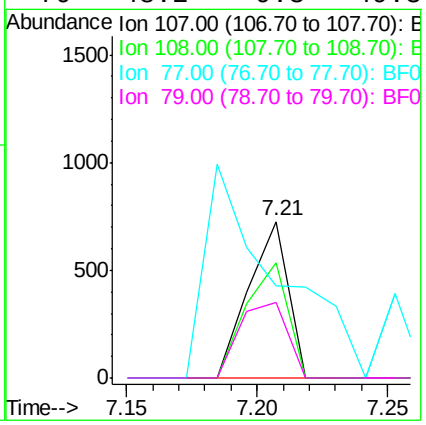


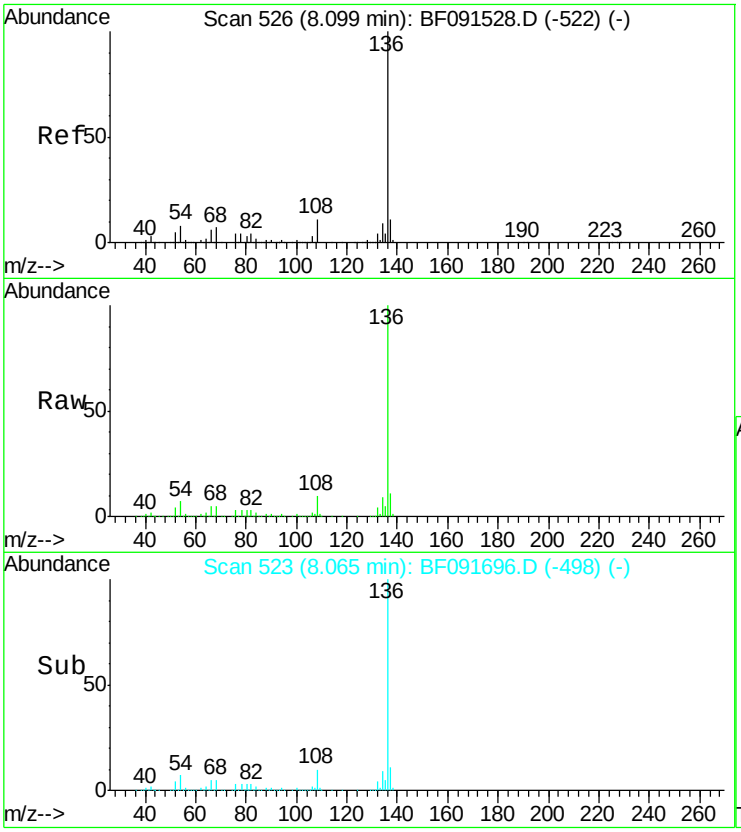


#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:107 Resp: 770

Ion	Ratio	Lower	Upper
107	100		
108	73.6	64.6	104.6
77	58.7	30.9	70.9
79	48.2	9.3	49.3



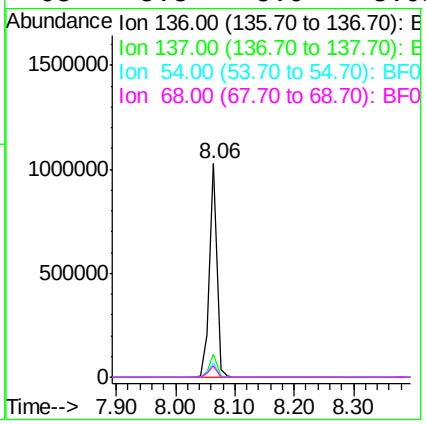


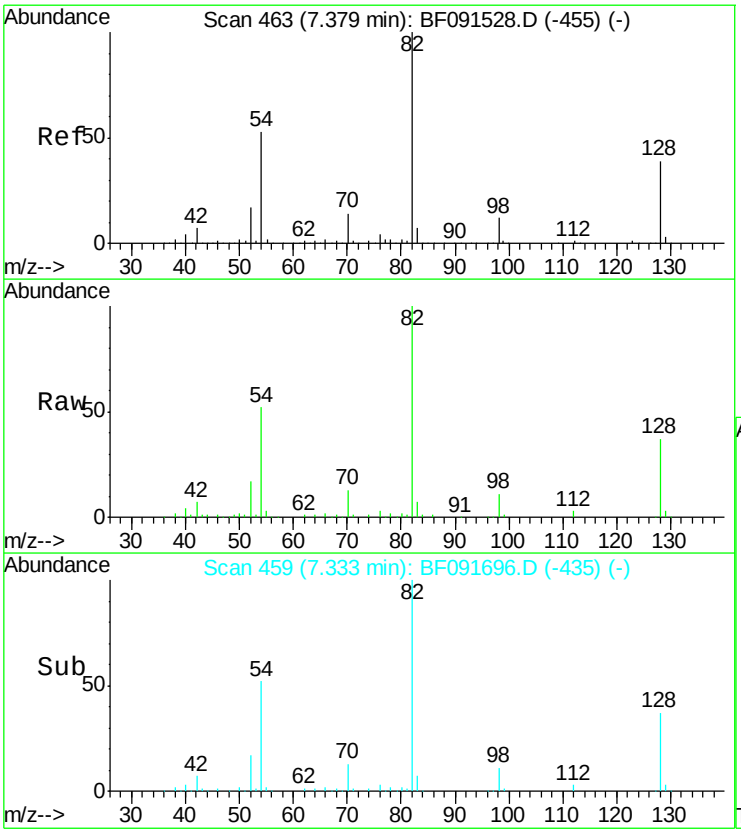
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:136 Resp: 884112

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.8	9.1	13.7#
68	5.3	5.9	8.9#

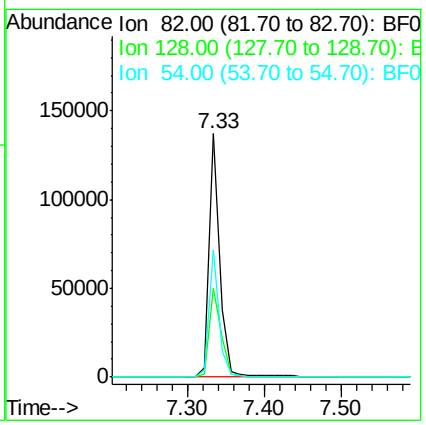


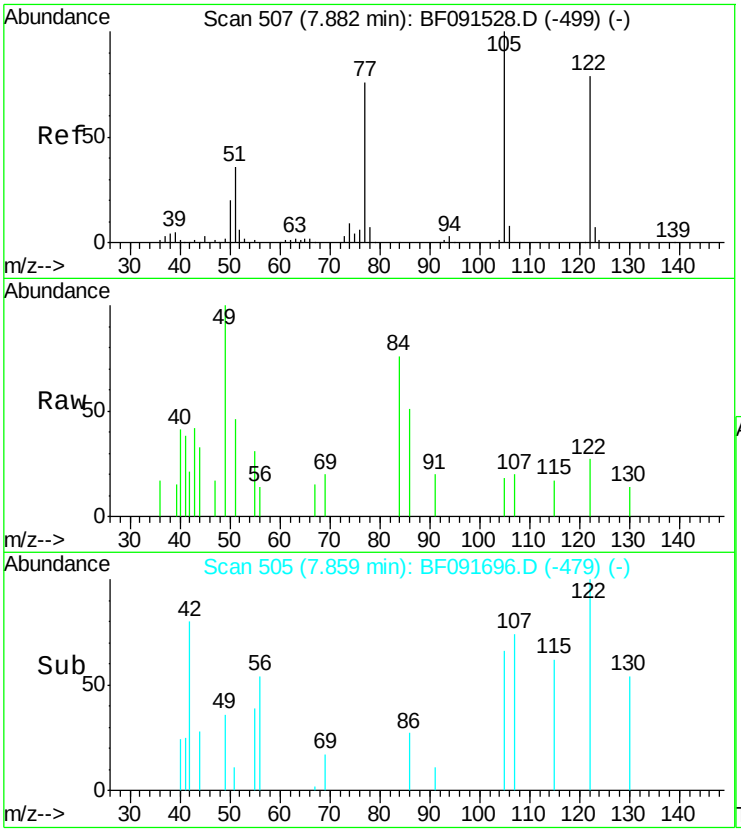


#23
Nitrobenzene-d5
Concen: 8.25 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion: 82 Resp: 130759

Ion	Ratio	Lower	Upper
82	100		
128	36.5	31.8	47.6
54	52.1	49.1	73.7



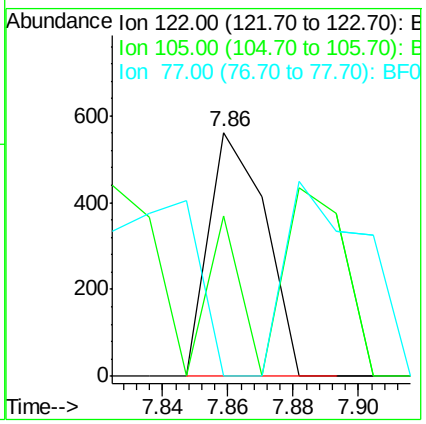


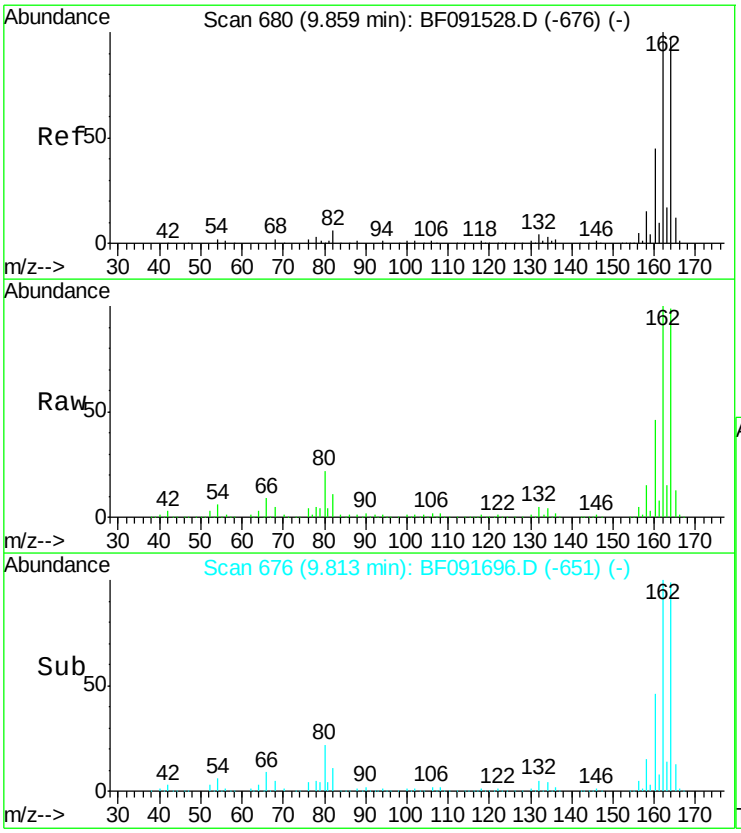
#32
Benzoic acid
Concen: 4.96 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:122 Resp: 669

Ion	Ratio	Lower	Upper
122	100		
105	66.0	113.0	153.0#
77	0.0	82.0	122.0#

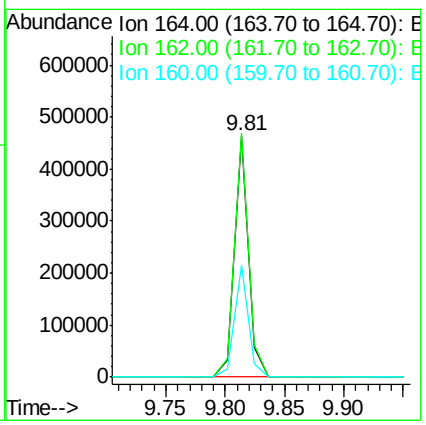


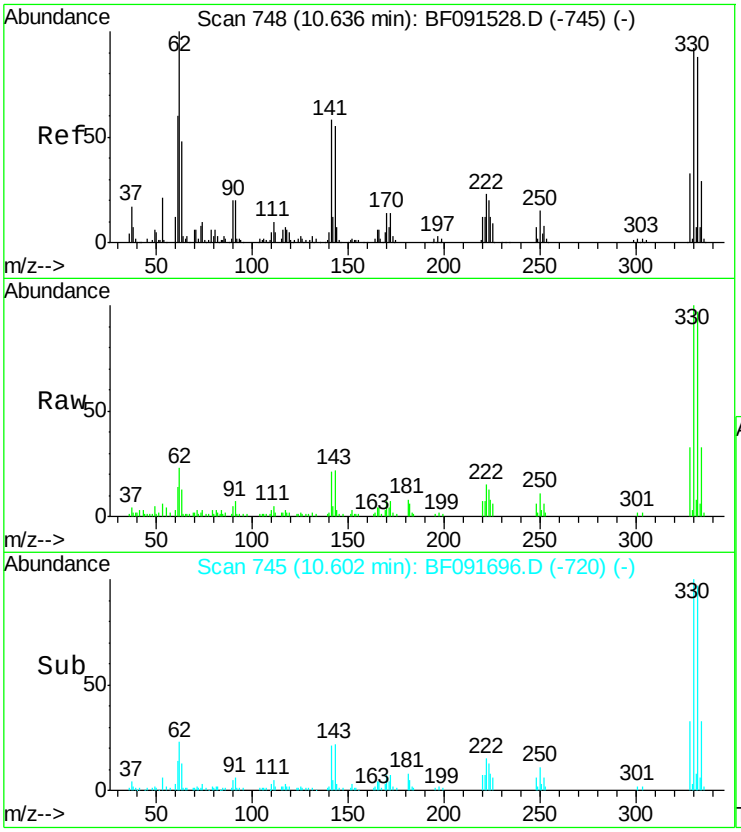


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:164 Resp: 383538

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	124.0
160	46.4	36.7	55.1



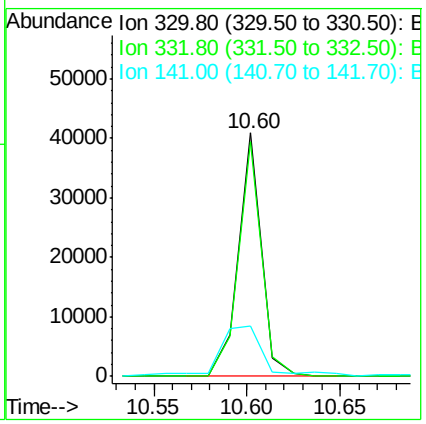


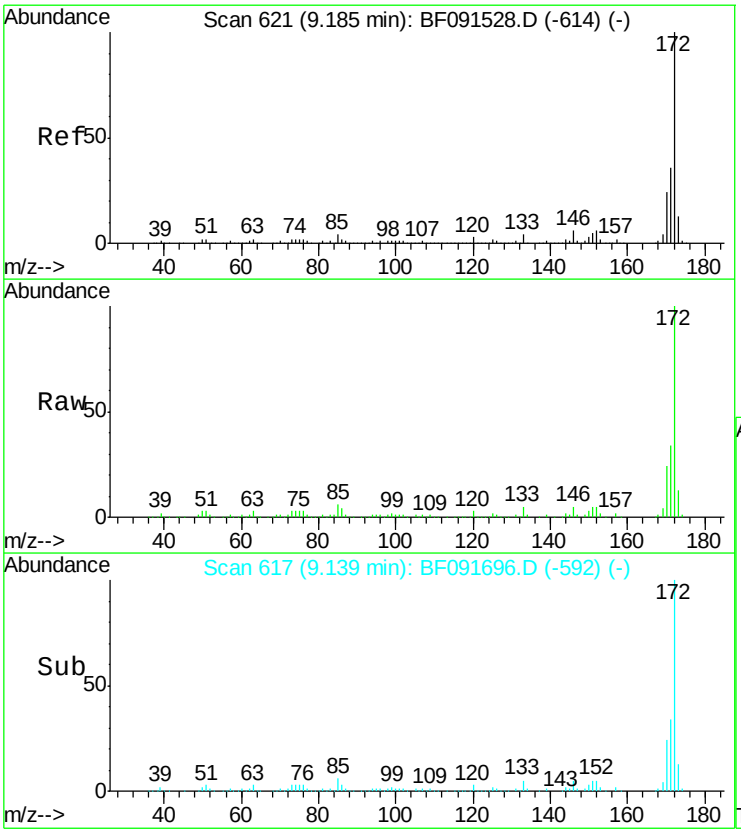
#41
2,4,6-Tribromophenol
Concen: 11.08 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:330 Resp: 35310

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	39.7	33.6	50.4

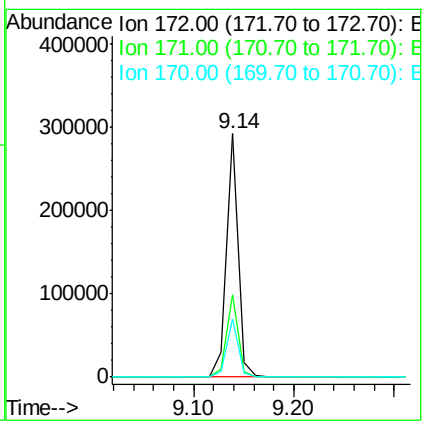


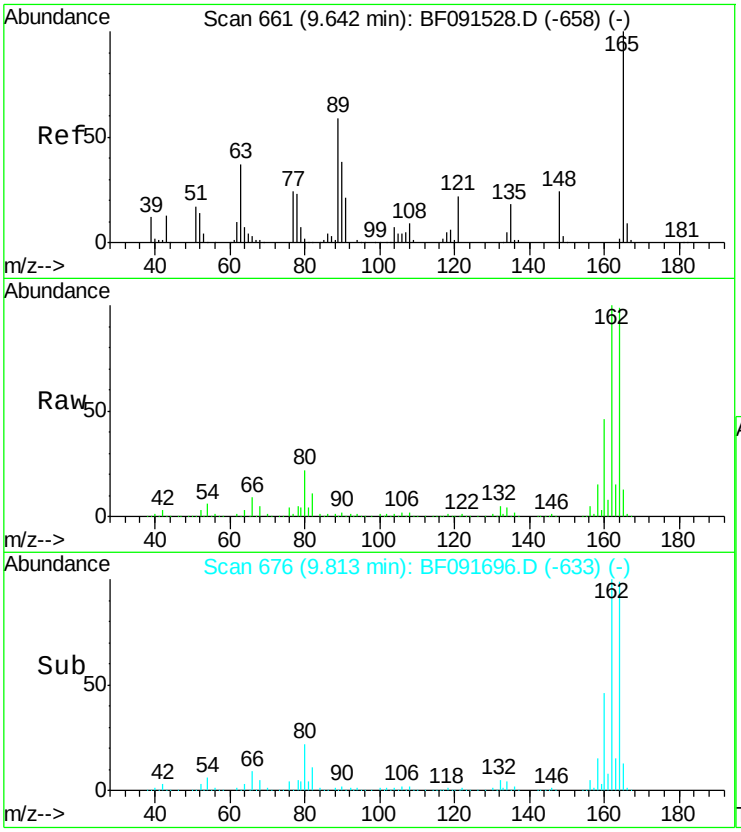


#44
2-Fluorobiphenyl
Concen: 10.70 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:172 Resp: 237411

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.0
170	23.7	19.7	29.5



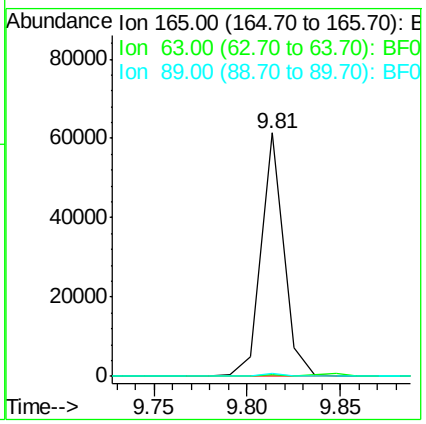


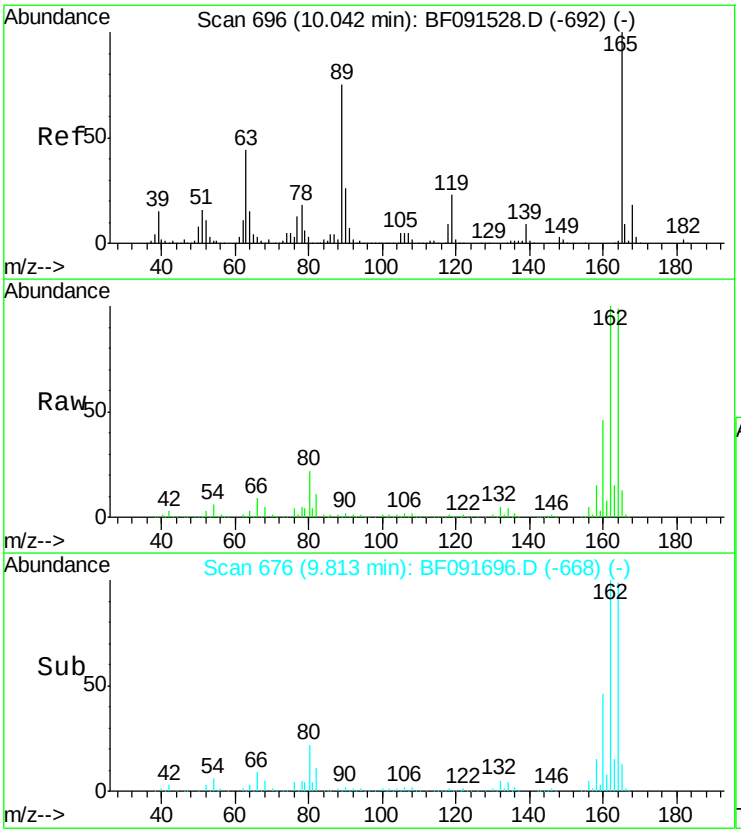
#50
2,6-Dinitrotoluene
Concen: 9.60 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.19 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:165 Resp: 51154

Ion	Ratio	Lower	Upper
165	100		
63	0.8	59.4	89.0#
89	1.1	50.8	76.2#

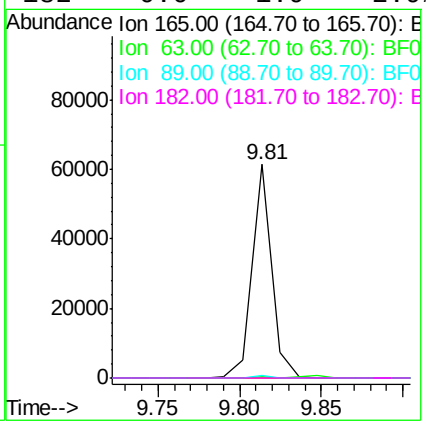


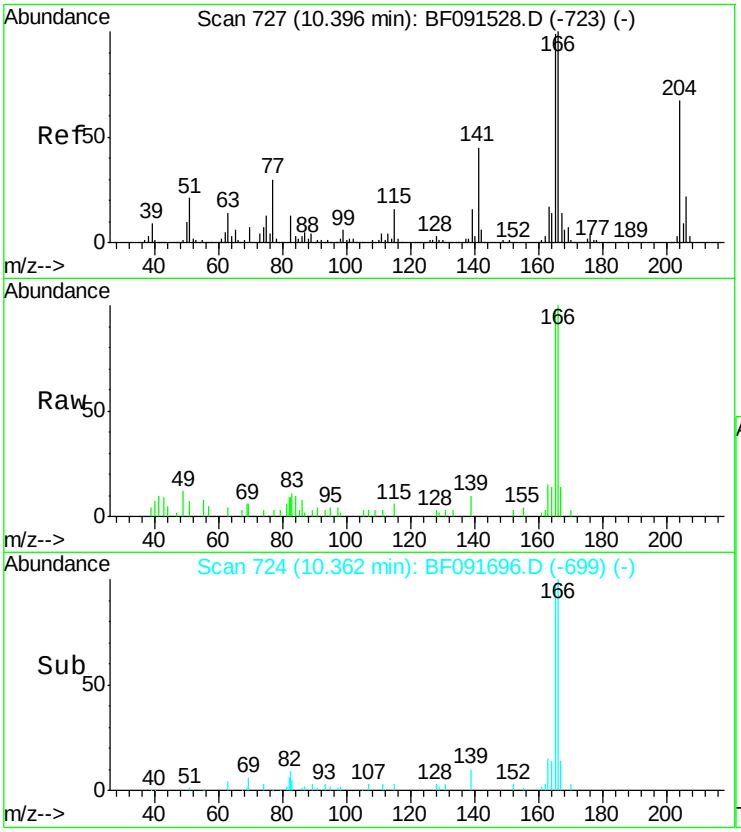


#56
2,4-Dinitrotoluene
Concen: 7.66 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:165 Resp: 51155

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#



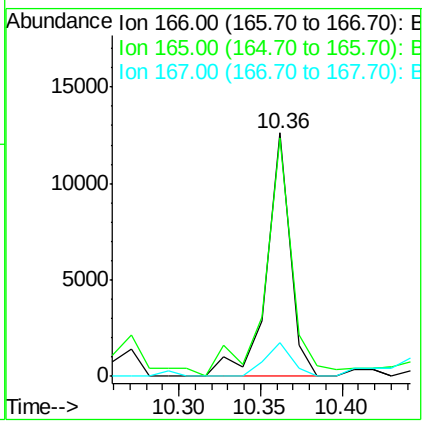


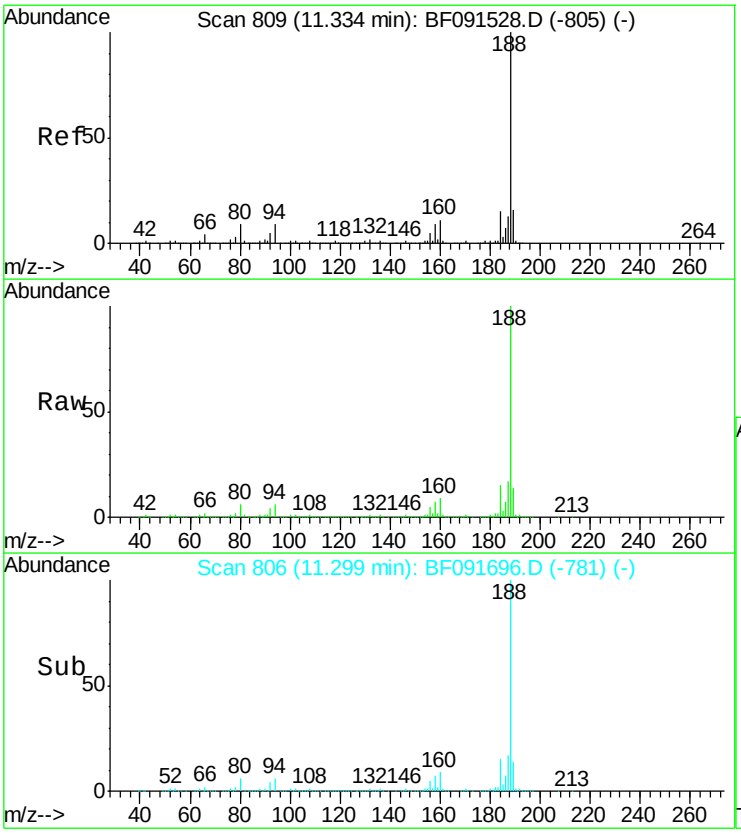
#57
Fluorene
Concen: Below Cal
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:166 Resp: 12769

Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.0	120.0
167	13.6	10.8	16.2

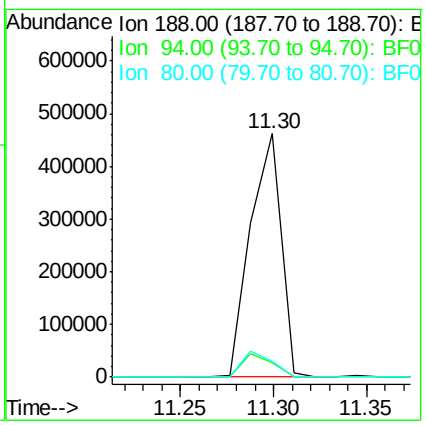


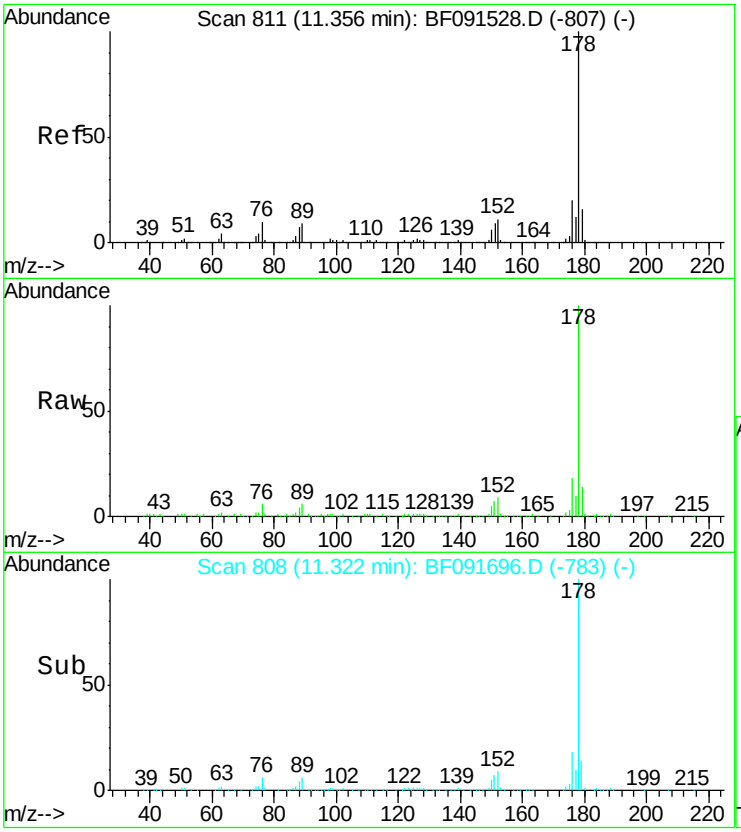


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:188 Resp: 527577

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.2	13.8#
80	6.3	10.5	15.7#



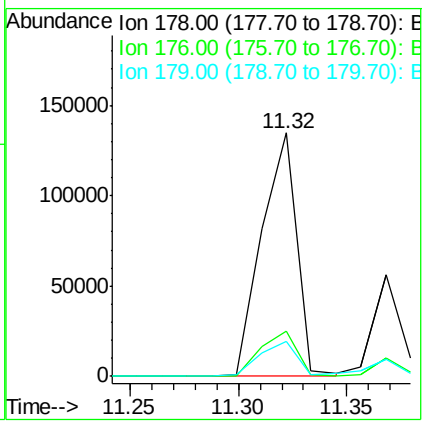


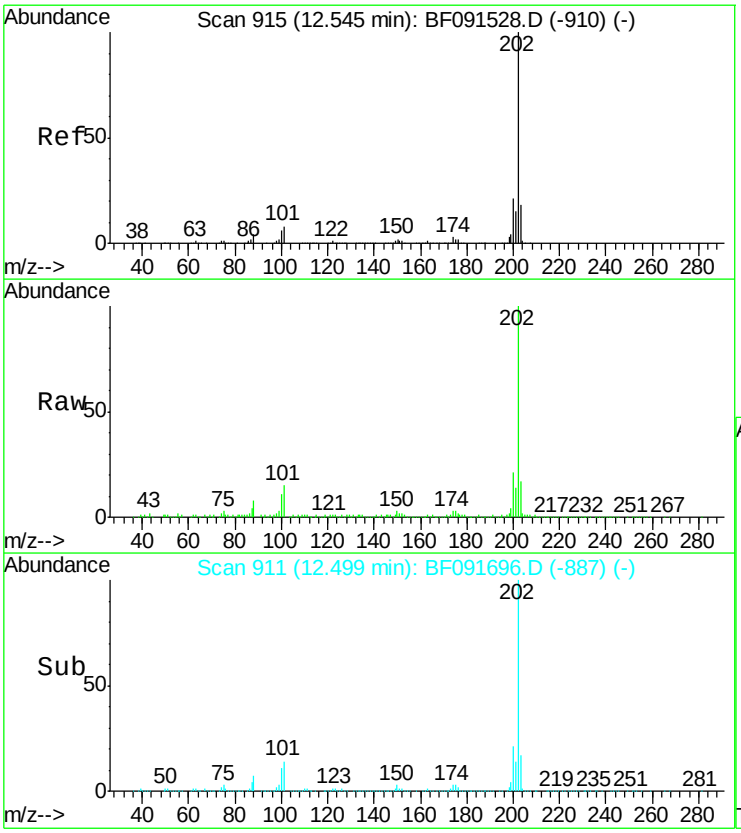
#70
Phenanthrene
Concen: 5.79 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:178 Resp: 151393

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	14.1	12.6	18.8

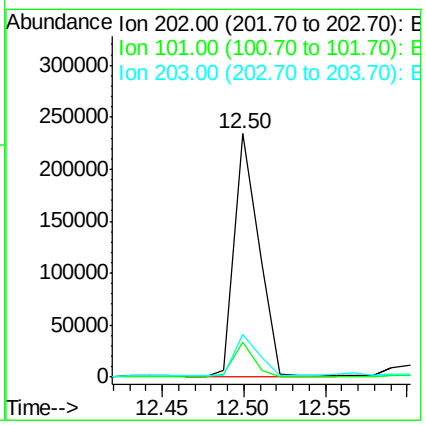


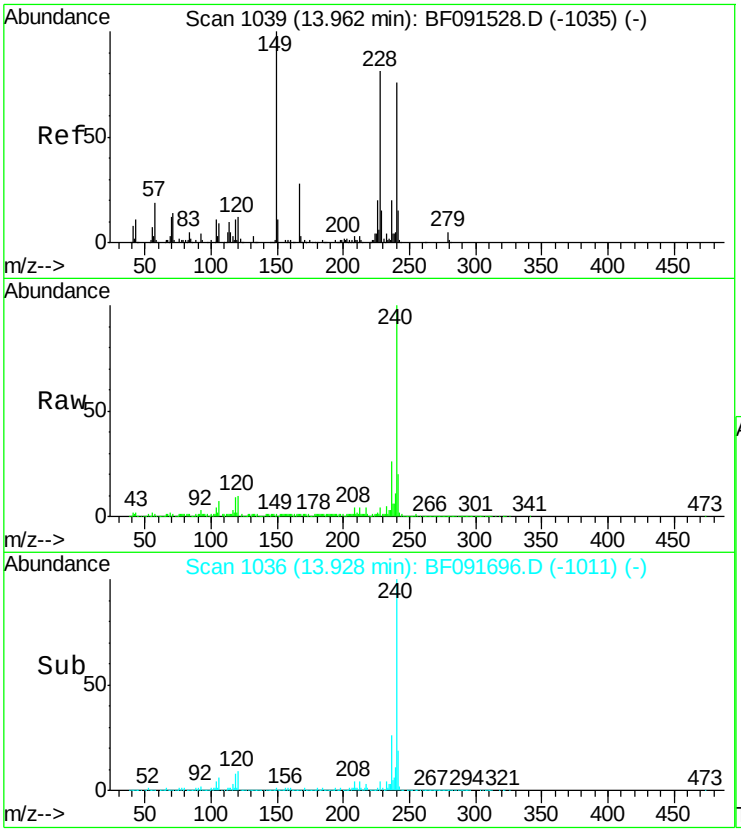


#74
Fluoranthene
Concen: 8.81 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:202 Resp: 240981

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	29.5
203	17.4	0.0	37.8



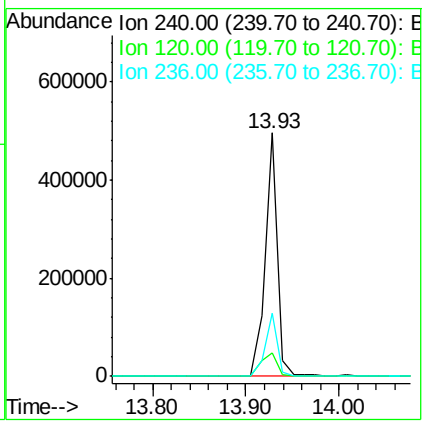


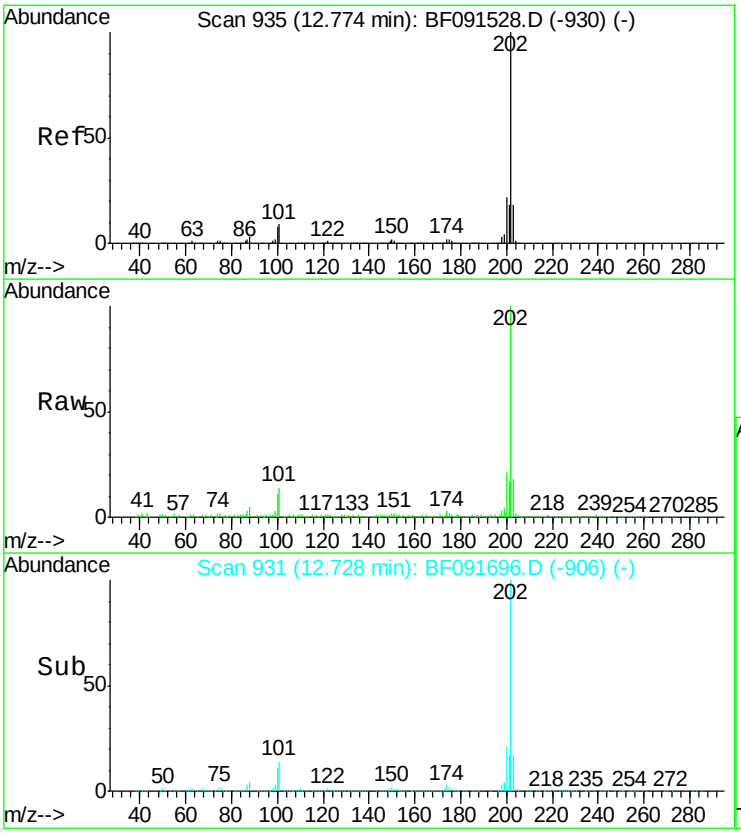
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:240 Resp: 451575

Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.1	18.1#
236	26.1	21.0	31.6

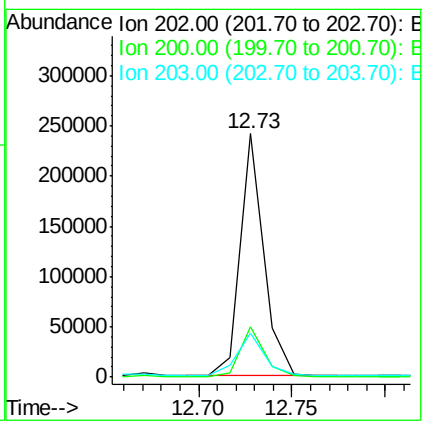


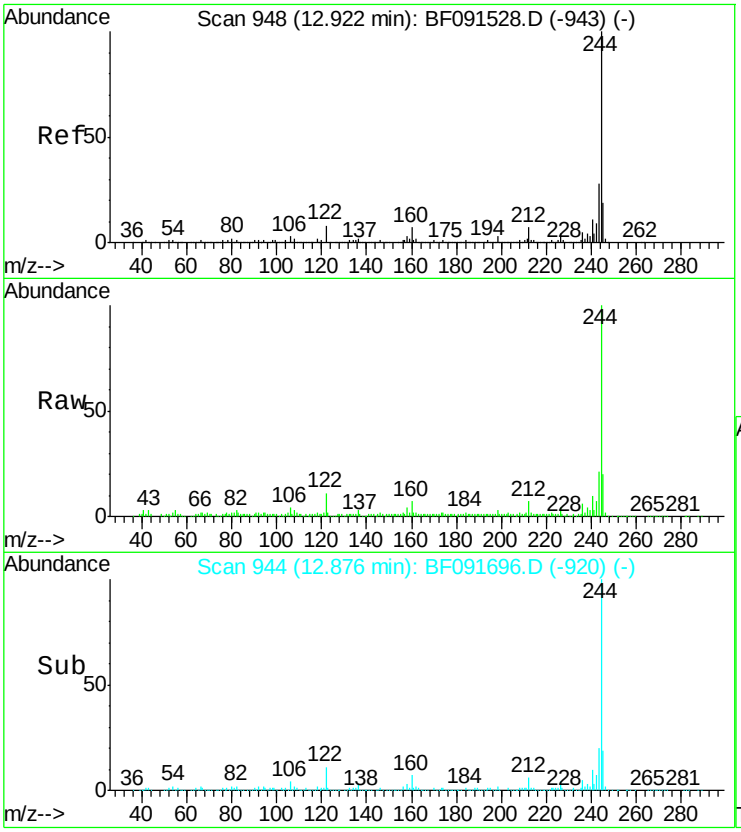


#77
Pyrene
Concen: 5.93 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:202 Resp: 212480

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	18.0	14.0	21.0



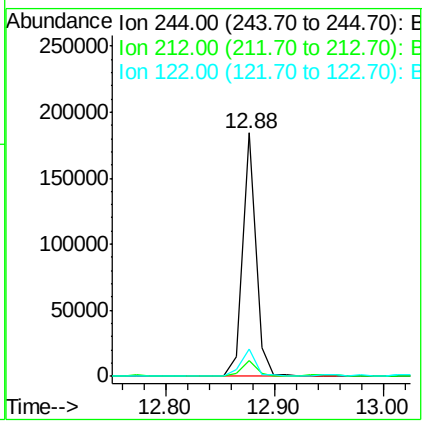


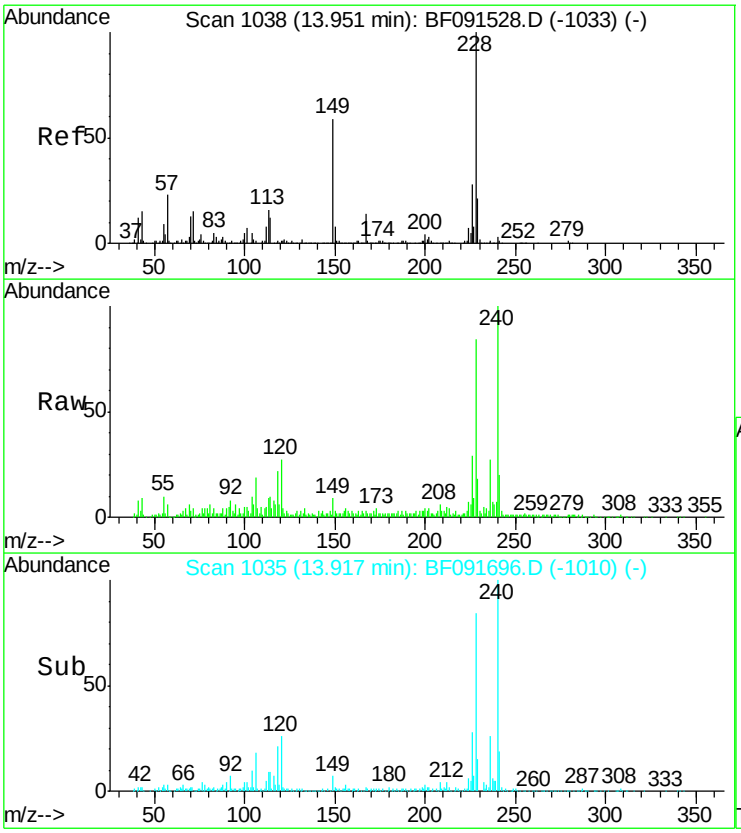
#78
Terphenyl-d14
Concen: 7.77 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:244 Resp: 154658

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	11.1	9.5	14.3

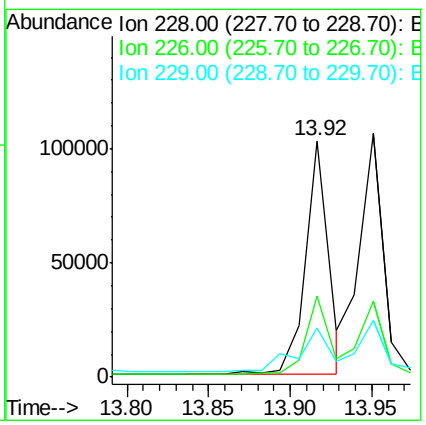


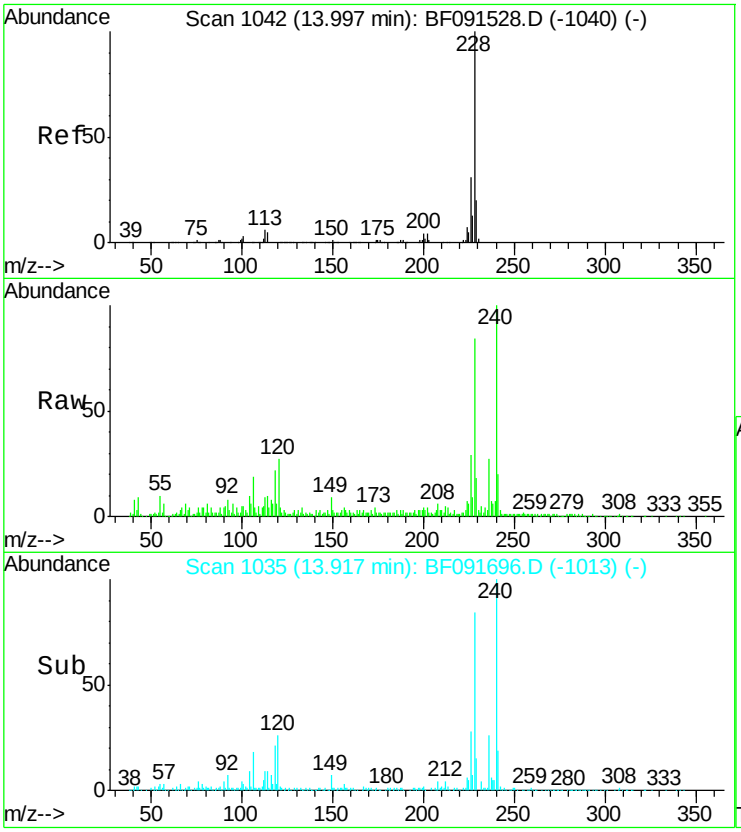


#80
Benzo(a)anthracene
Concen: 3.85 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:228 Resp: 101010

Ion	Ratio	Lower	Upper
228	100		
226	34.5	22.5	33.7#
229	20.9	16.4	24.6



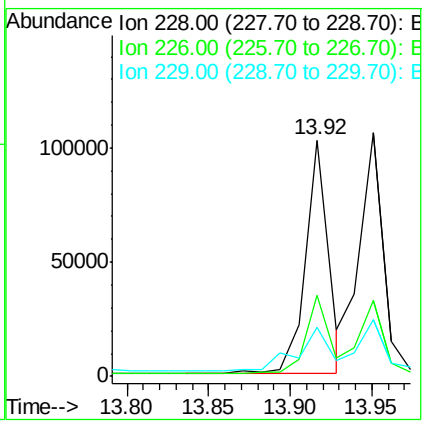


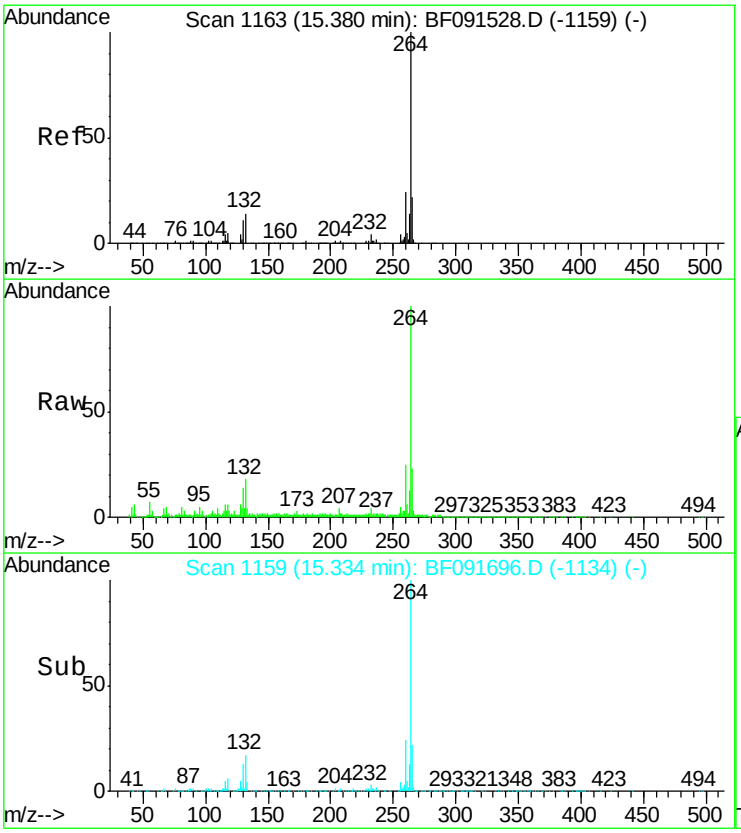
#82
Chrysene
Concen: 3.68 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:228 Resp: 101010

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.0	37.4
229	20.9	16.0	24.0

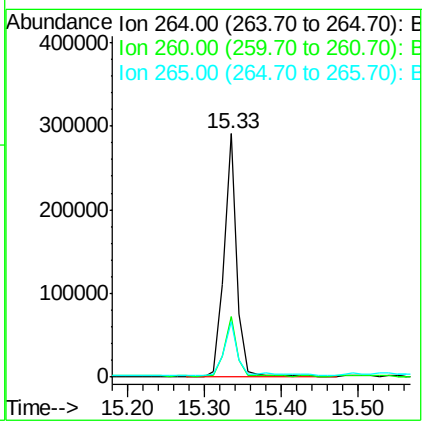


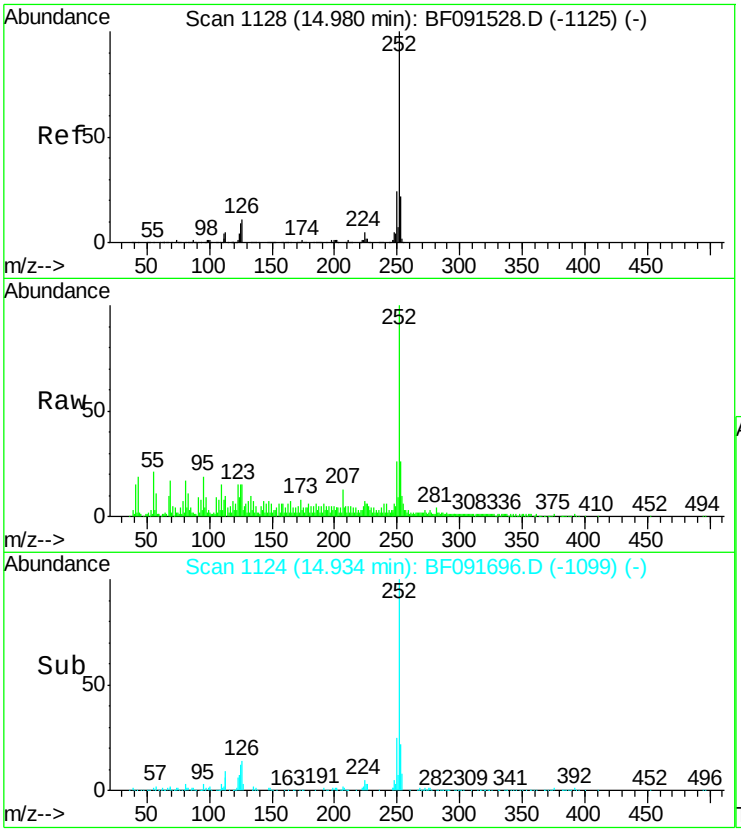


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:264 Resp: 339866

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	22.8	17.0	25.6



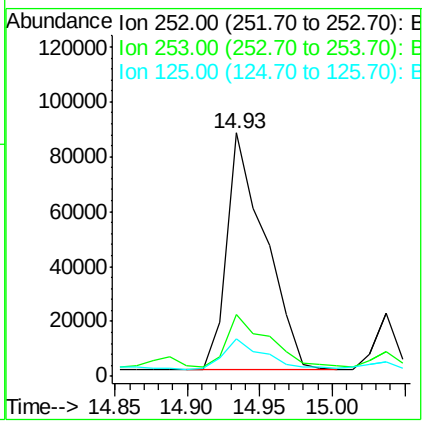


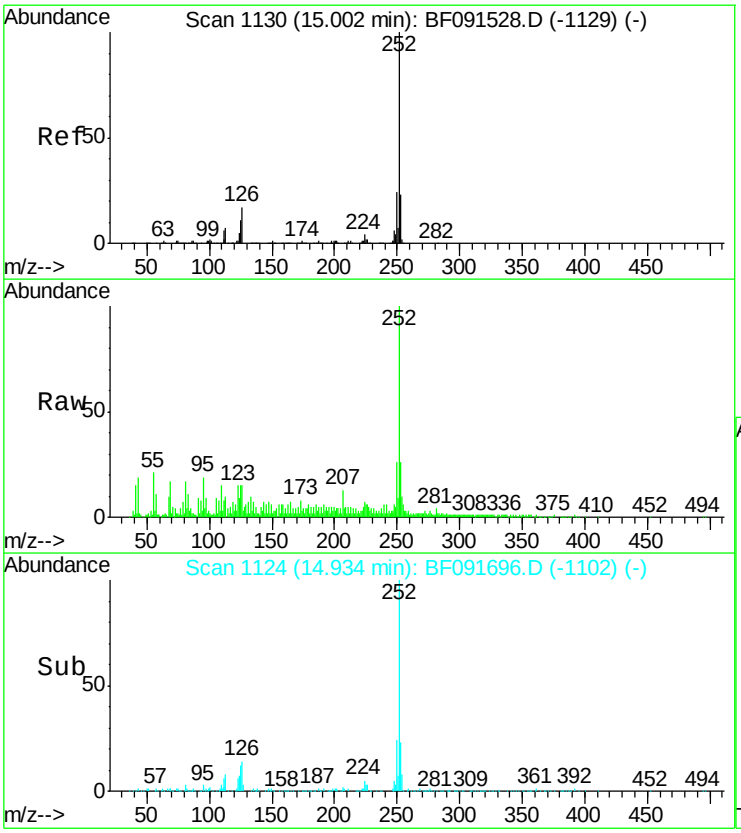
#87
Benzo(b)fluoranthene
Concen: 7.80 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:252 Resp: 158127

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.2
125	15.2	8.6	13.0#

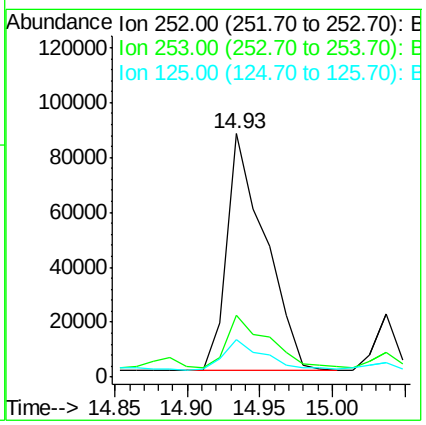


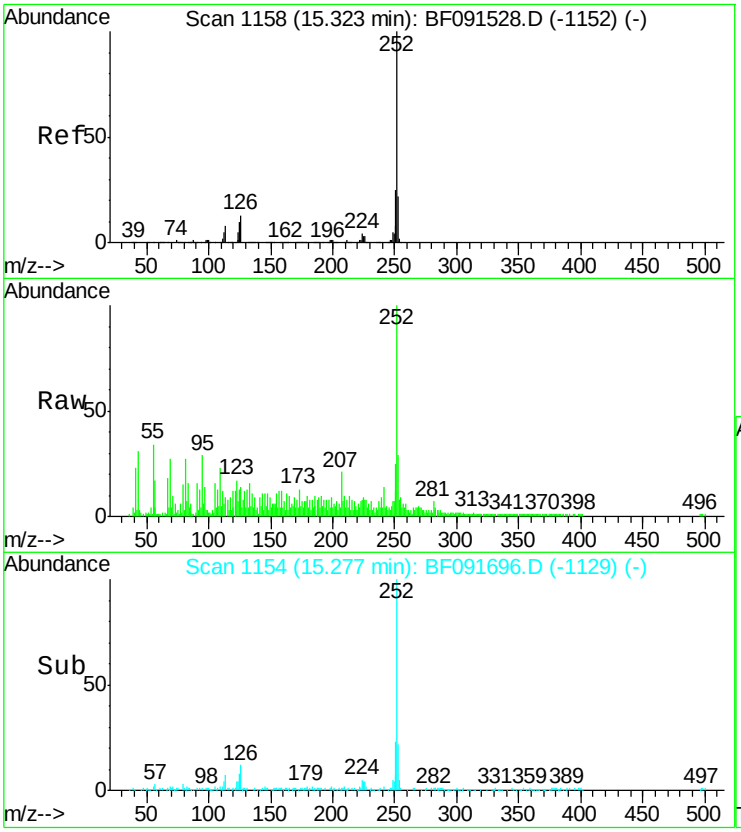


#88
Benzo(k)fluoranthene
Concen: 8.88 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:252 Resp: 158127

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.8
125	15.2	9.6	14.4#



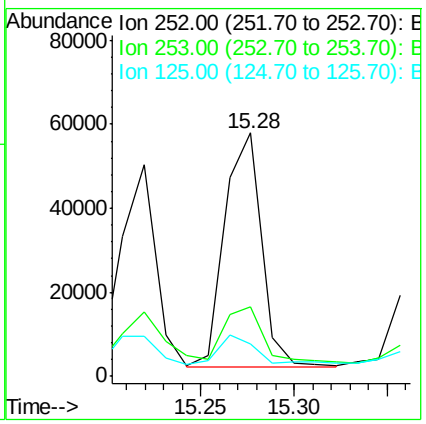


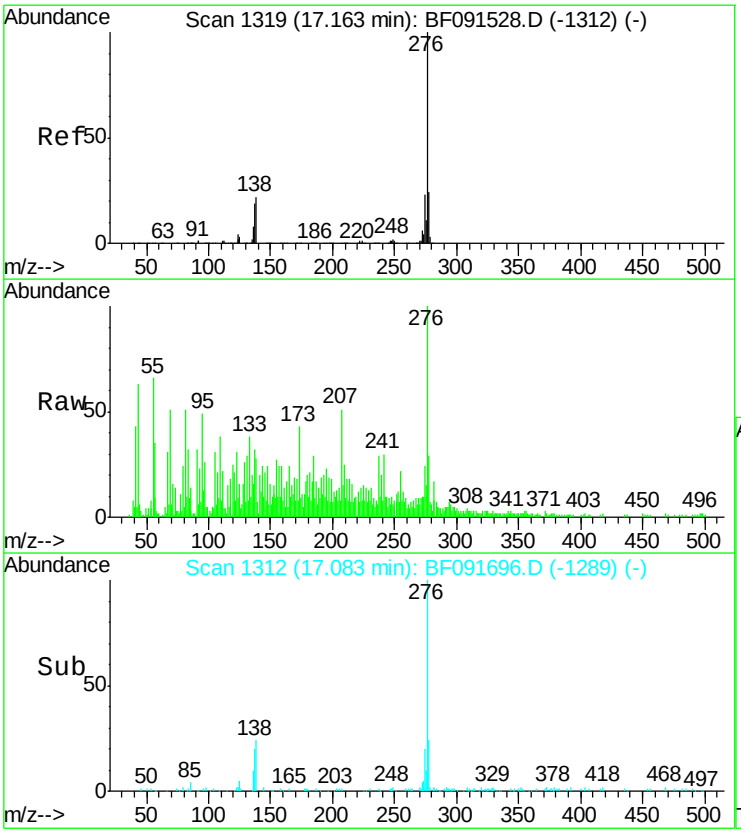
#89
Benzo(a)pyrene
Concen: 4.22 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Instrument :
BNA_F
ClientSampleId :
TP12-2.5-3FT

Tgt Ion:252 Resp: 77031

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.2	27.4#
125	13.2	10.4	15.6





#91
Benzo(g,h,i)perylene
Concen: 2.95 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.03 min
Lab File: BF091696.D
Acq: 17 Dec 2016 2:03

Tgt Ion:276 Resp: 49043

Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.0	28.4#
138	28.3	15.4	23.0#