Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091689.D
Acq On : 16 Dec 2016 22:50
Operator : UM/SJ
Sample : H6099-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP13-1.5FT

Quant Time: Dec 16 23:47:53 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	168396	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	1014885	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	497958	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	640881	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	375363	20.00	ng		-0.02
86) Perylene-d12	15.32	264	466169	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1425195	142.59	ng		0.00
7) Phenol-d6	6.42	99	1066725	85.61	ng		-0.01
23) Nitrobenzene-d5	7.34	82	1282231	70.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	361779	87.47	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1859774	64.53	ng		-0.01
78) Terphenyl-d14	12.88	244	1290252	78.00	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	25688	3.00	ng		88
10) Phenol	6.43	94	79441	5.45	ng		87
15) Benzyl Alcohol	6.93	79	20948	2.13	ng	#	33
19) n-Nitroso-di-n-propylamine	7.33	70	170045	21.82	ng	#	65
32) Benzoic acid	7.78	122	977	4.98	ng	#	80
49) Dimethylphthalate	9.53	163	199657	6.33	ng		97
56) 2,4-Dinitrotoluene	9.81	165	64013	7.38	ng	#	33
57) Fluorene	10.35	166	4402	Below Cal		#	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	832	3.15	ng	#	28
66) 4-Bromophenyl-phenylether	10.60	248	23425	3.57	ng	#	1
74) Fluoranthene	12.50	202	90571	2.73	ng		98
77) Pyrene	12.73	202	76833	2.58	ng		97
87) Benzo(b)fluoranthene	14.92	252	86468	3.11	ng	#	91
88) Benzo(k)fluoranthene	14.92	252	86468	3.54	ng	#	92

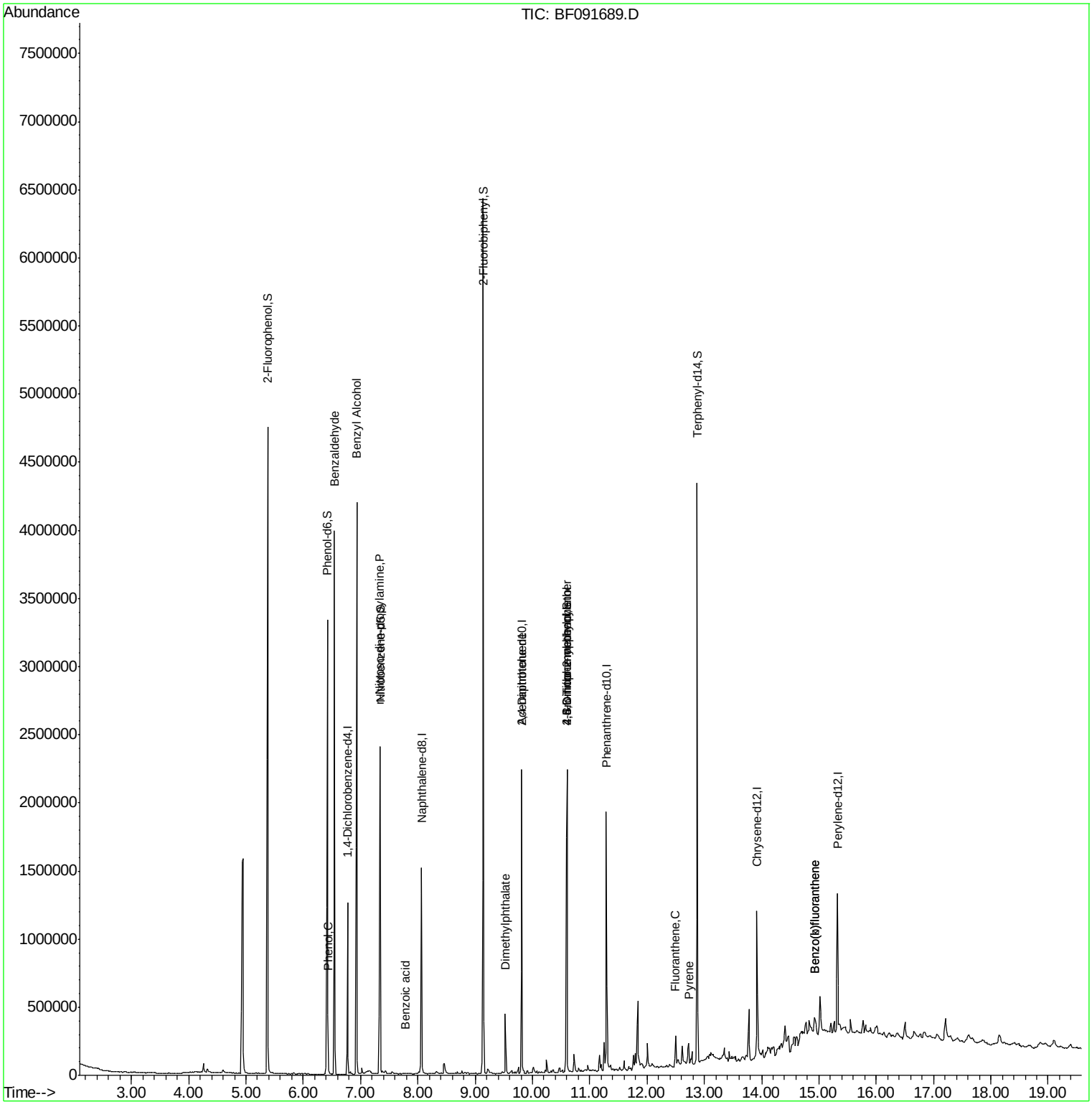
(#) = qualifier out of range (m) = manual integration (+) = signals summed

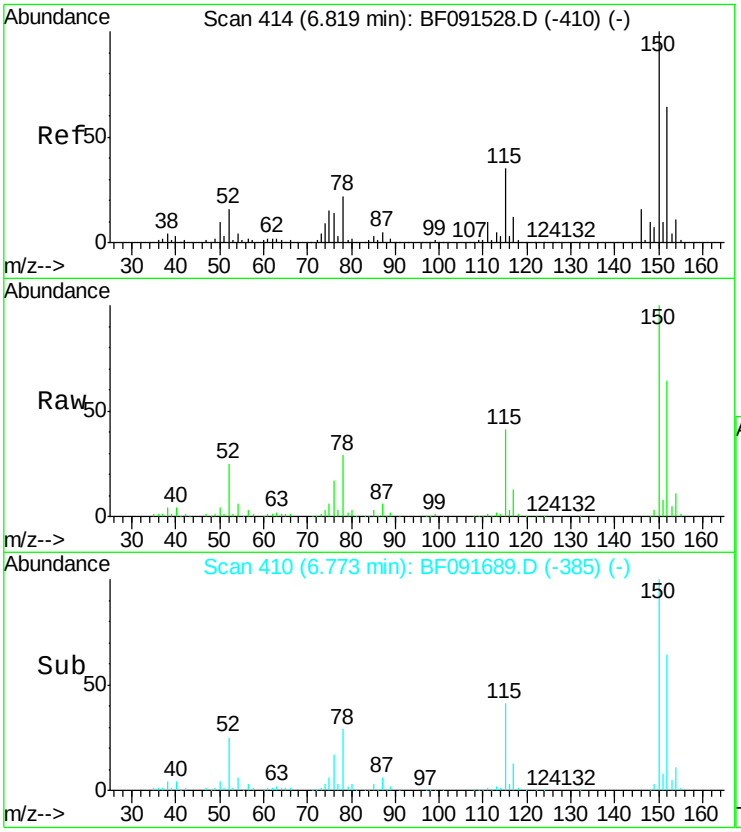
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091689.D
Acq On : 16 Dec 2016 22:50
Operator : UM/SJ
Sample : H6099-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Quant Time: Dec 16 23:47:53 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



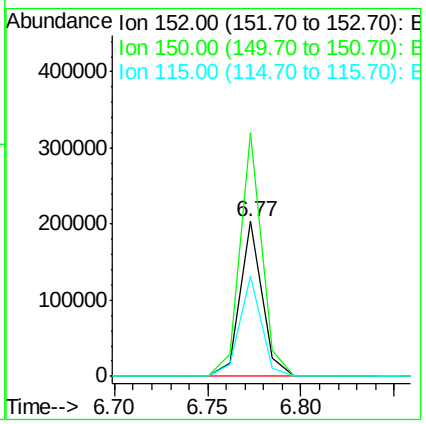


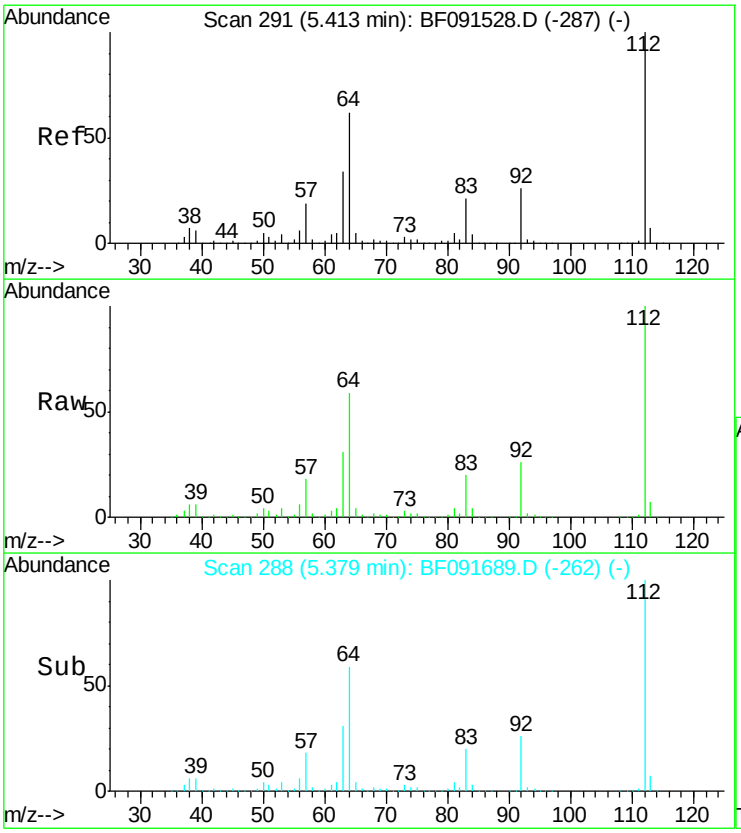
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion:152 Resp: 168396

Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.5	183.7
115	65.0	51.8	77.8

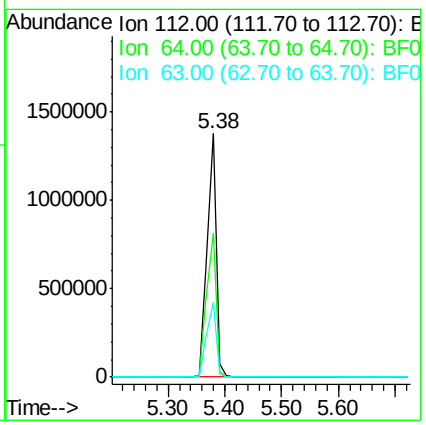


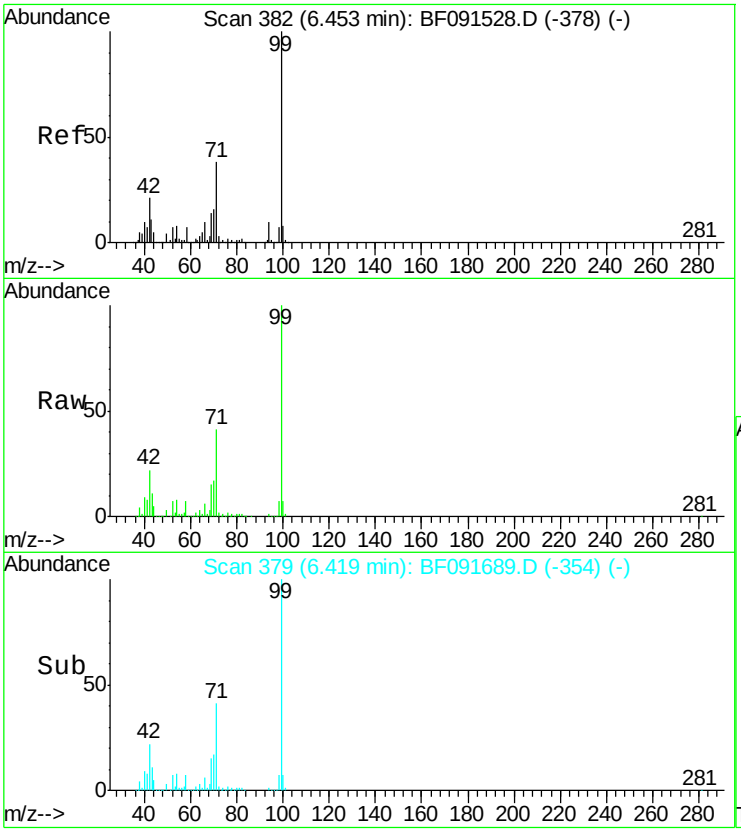


#5
2-Fluorophenol
Concen: 142.59 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:112 Resp: 1425195

Ion	Ratio	Lower	Upper
112	100		
64	58.9	61.5	92.3#
63	30.6	33.3	49.9#



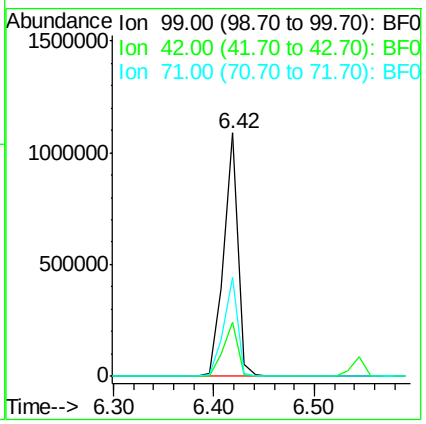


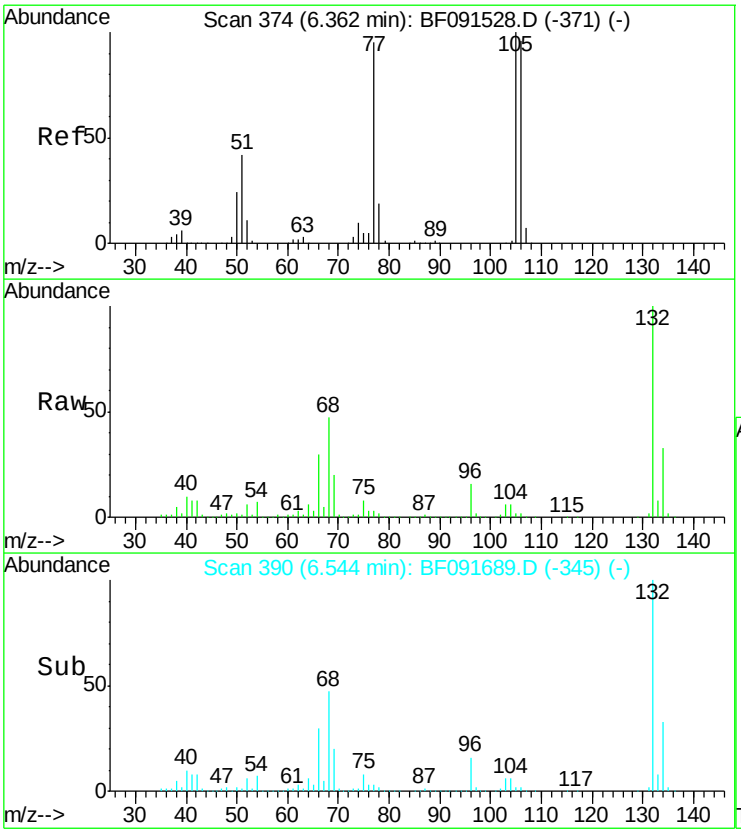
#7
Phenol-d6
Concen: 85.61 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion: 99 Resp: 1066725

Ion	Ratio	Lower	Upper
99	100		
42	22.3	20.6	31.0
71	40.7	29.9	44.9

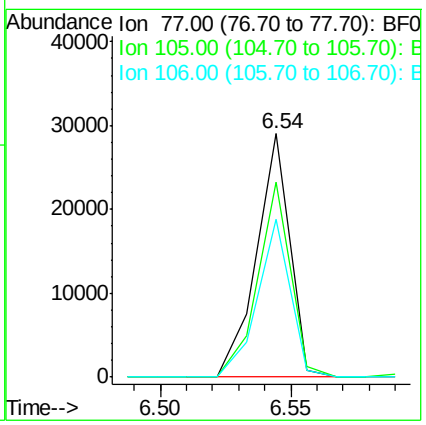


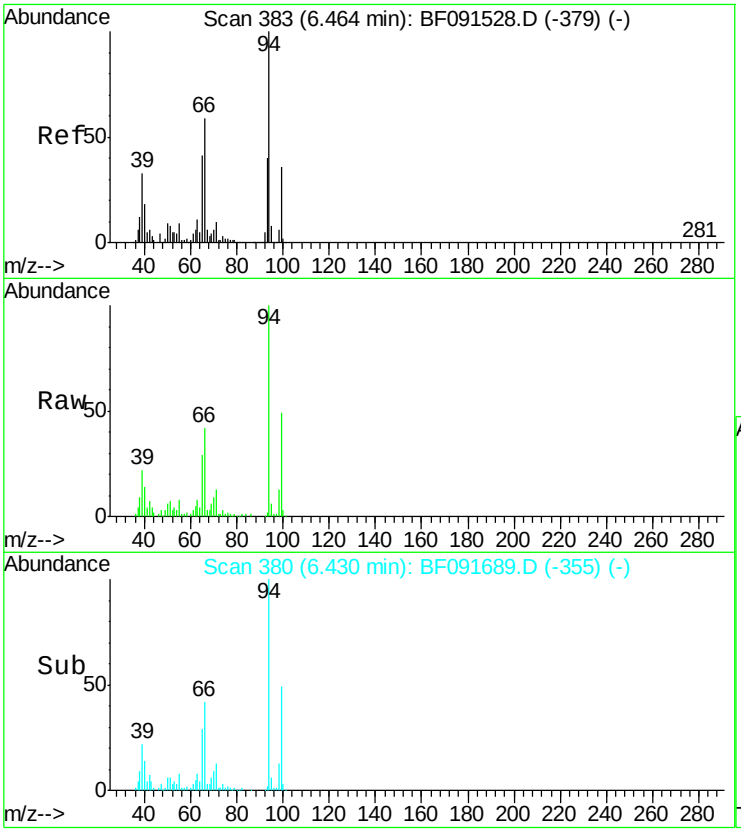


#9
Benzaldehyde
Concen: 3.00 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.22 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion: 77 Resp: 25688

Ion	Ratio	Lower	Upper
77	100		
105	80.0	66.4	106.4
106	64.8	60.9	100.9



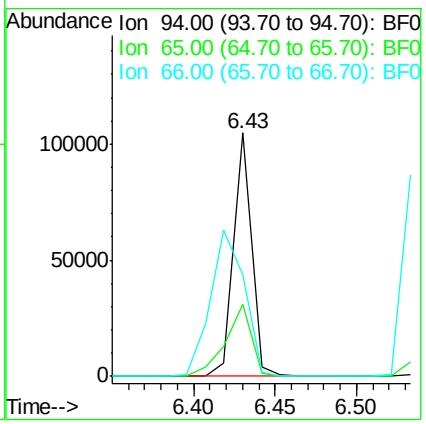


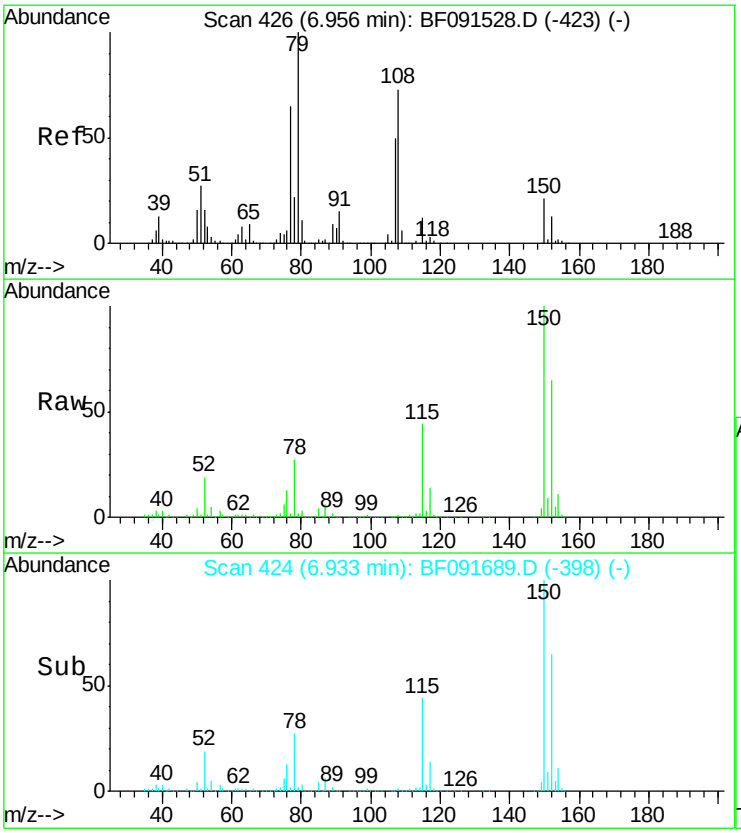
#10
Phenol
Concen: 5.45 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion: 94 Resp: 79441

Ion	Ratio	Lower	Upper
94	100		
65	29.4	16.9	56.9
66	41.8	30.6	70.6

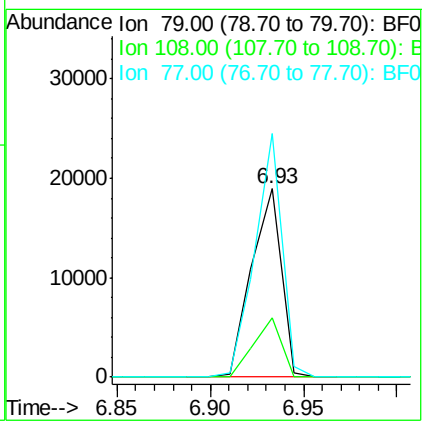


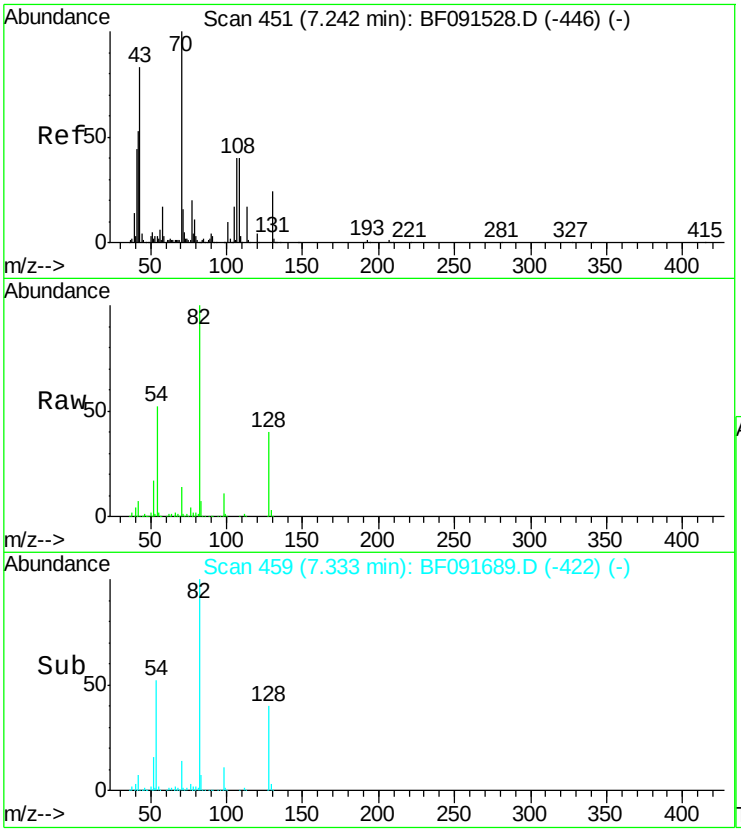


#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion: 79 Resp: 20948

Ion	Ratio	Lower	Upper
79	100		
108	31.7	62.7	94.1#
77	129.5	51.7	77.5#



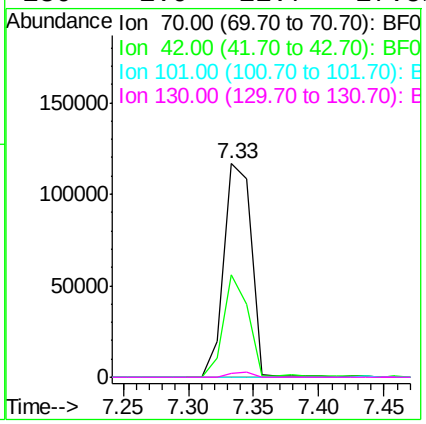


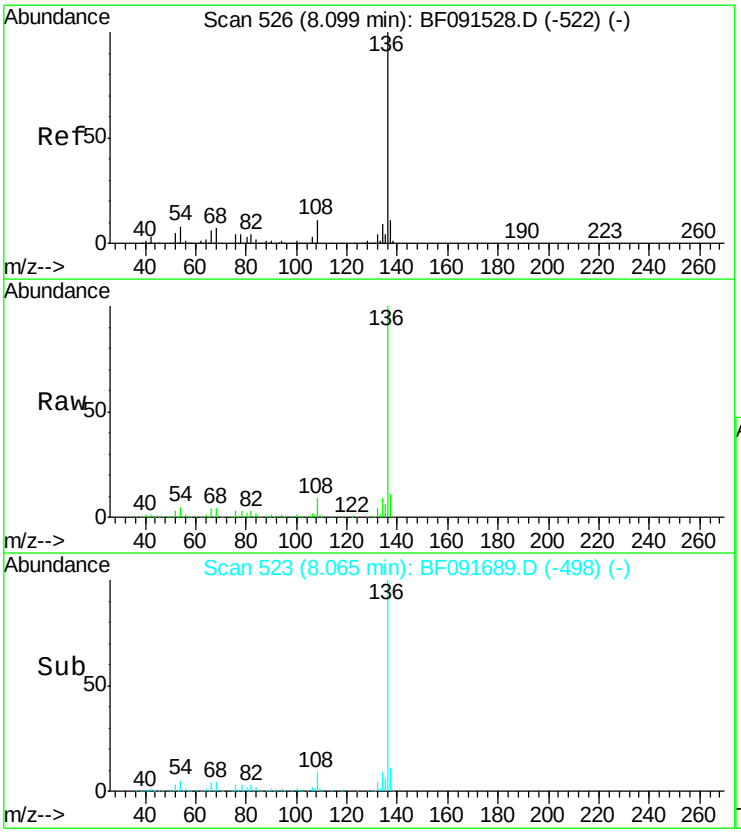
#19
n-Nitroso-di-n-propylamine
Concen: 21.82 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion: 70 Resp: 170045

Ion	Ratio	Lower	Upper
70	100		
42	47.9	64.8	97.2#
101	0.0	6.2	9.4#
130	1.9	11.7	17.5#

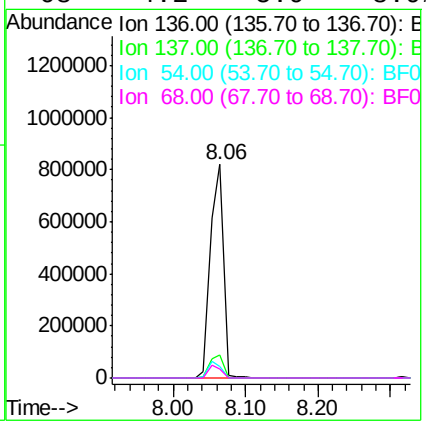


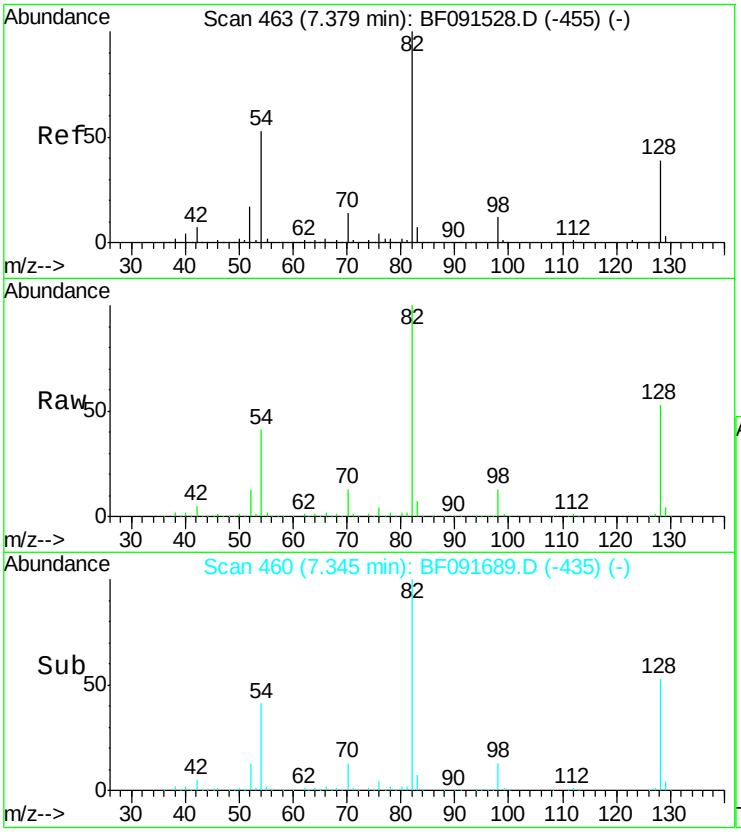


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:136 Resp: 1014885

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.2	9.1	13.7#
68	4.2	5.9	8.9#



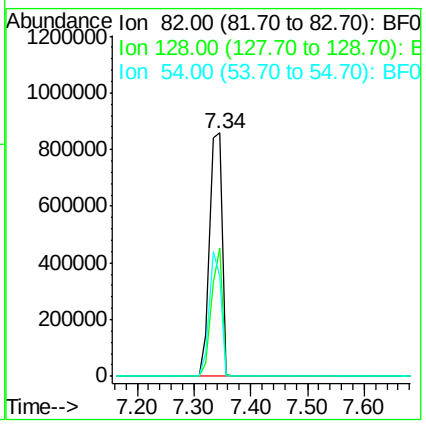


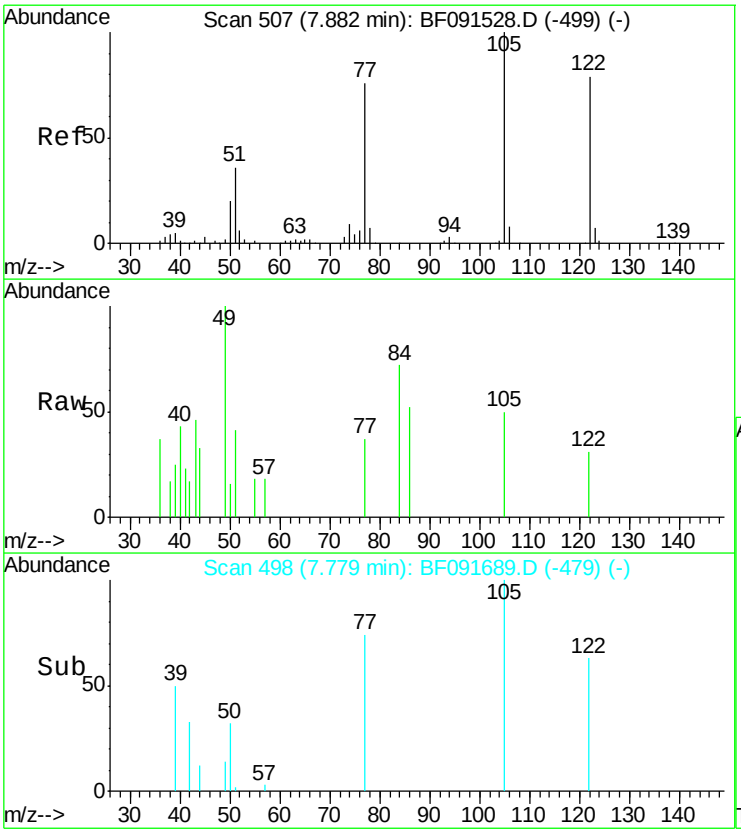
#23
Nitrobenzene-d5
Concen: 70.52 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion: 82 Resp: 1282231

Ion	Ratio	Lower	Upper
82	100		
128	52.7	31.8	47.6#
54	41.4	49.1	73.7#

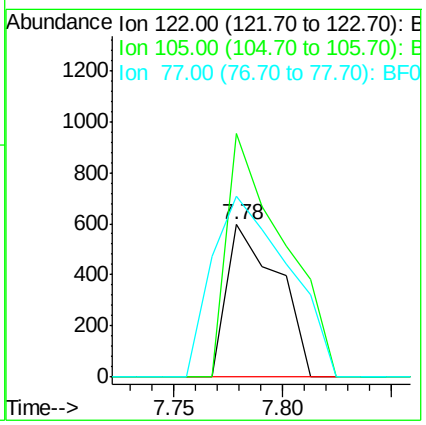


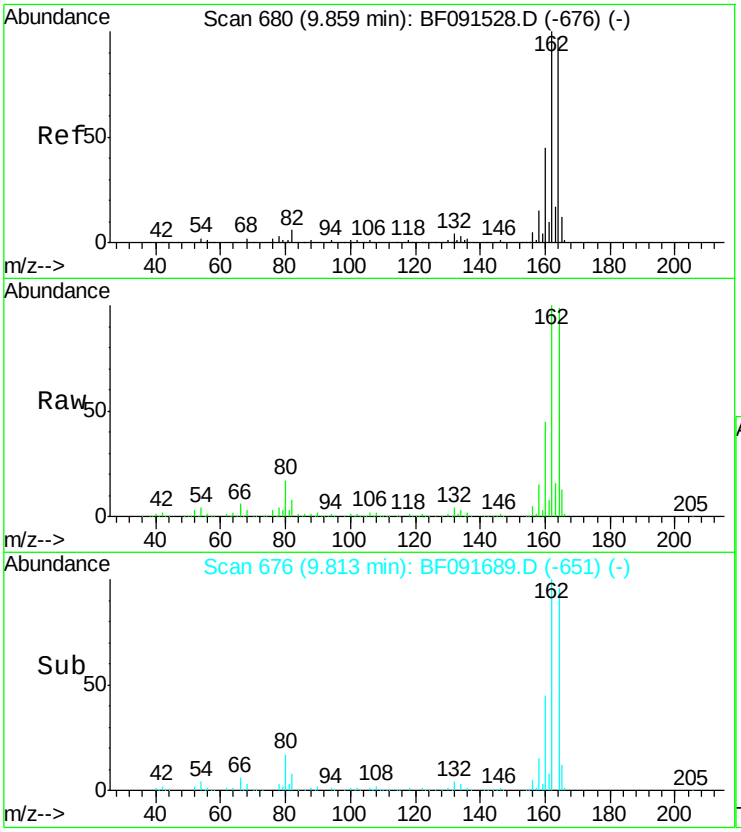


#32
Benzoic acid
Concen: 4.98 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.08 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:122 Resp: 977

Ion	Ratio	Lower	Upper
122	100		
105	159.6	113.0	153.0#
77	118.4	82.0	122.0



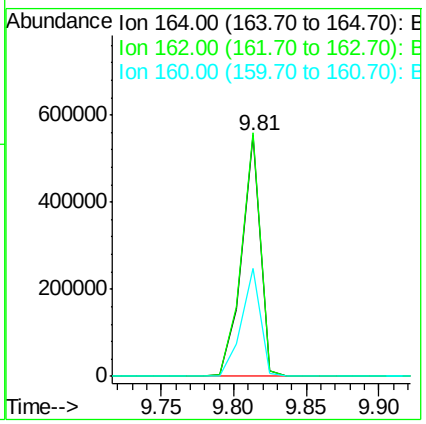


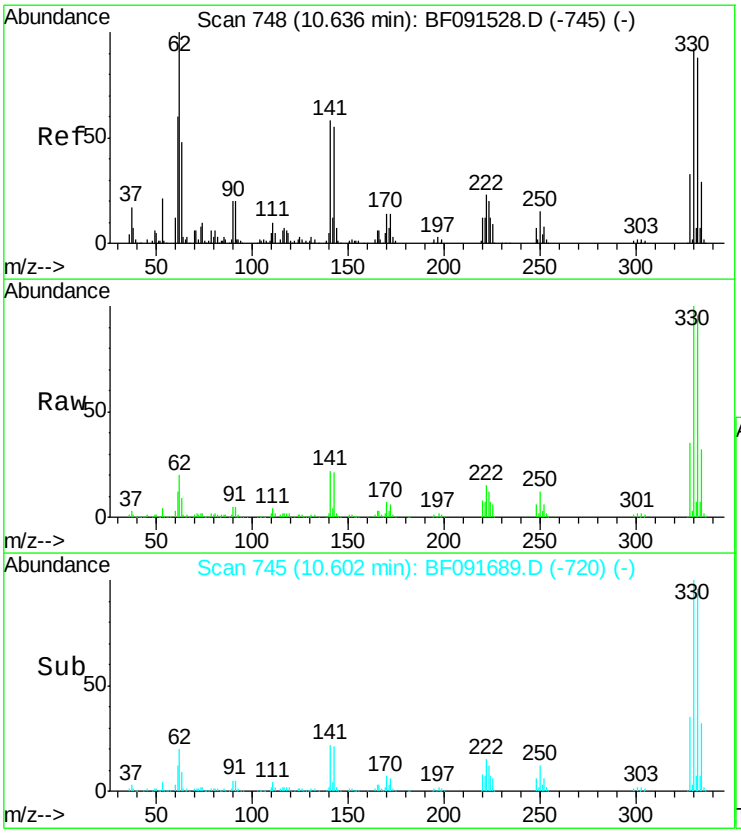
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion:164 Resp: 497958

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	124.0
160	45.0	36.7	55.1

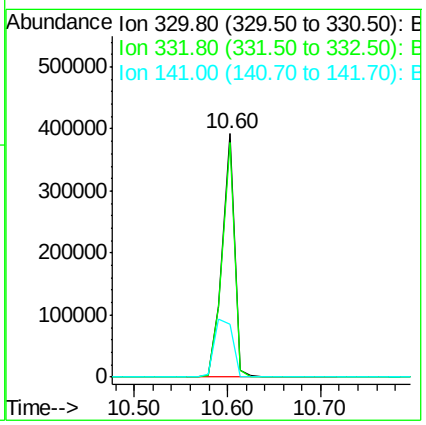


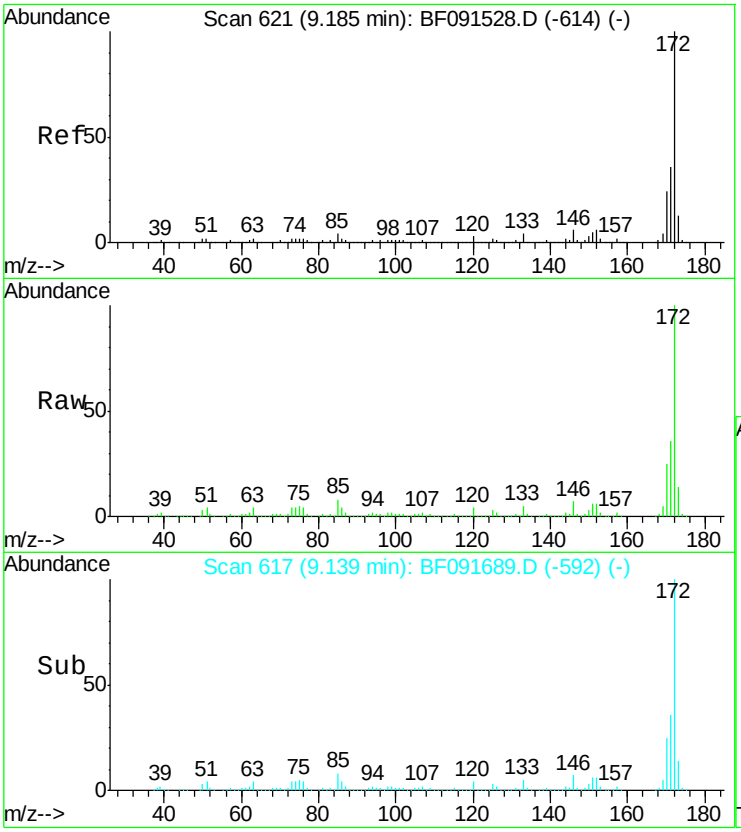


#41
2,4,6-Tribromophenol
Concen: 87.47 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:330 Resp: 361779

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	35.4	33.6	50.4



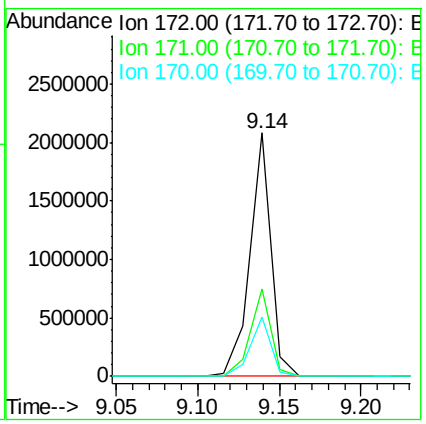


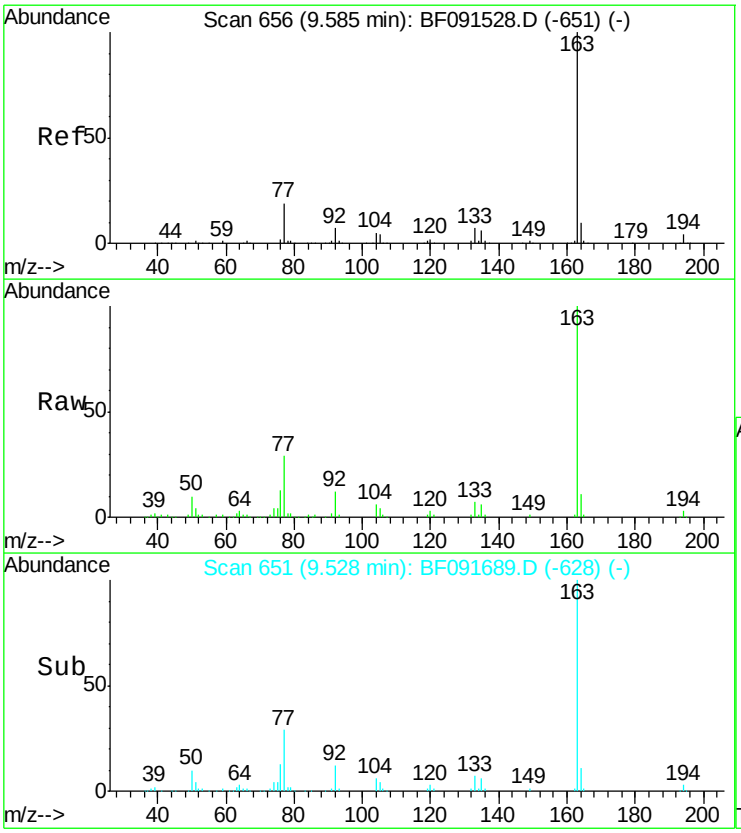
#44
2-Fluorobiphenyl
Concen: 64.53 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion:172 Resp: 1859774

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.6	19.7	29.5

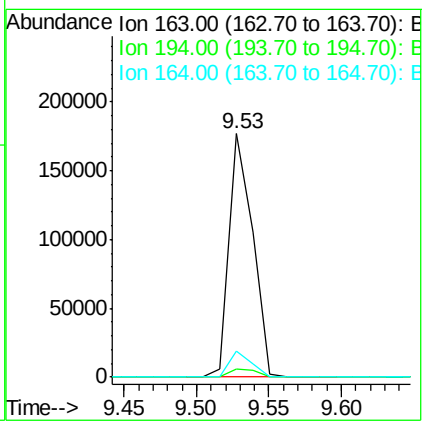


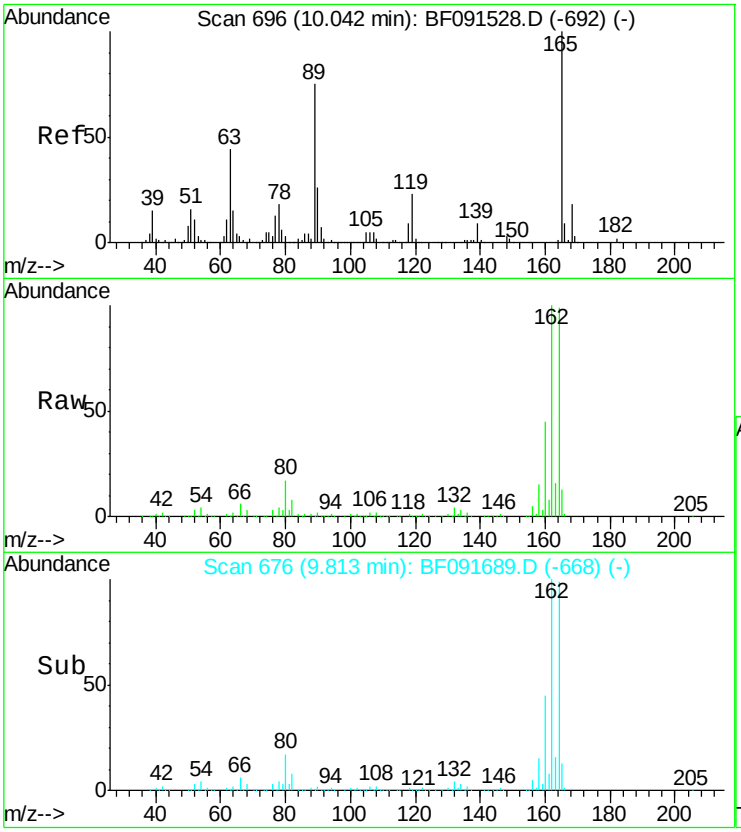


#49
Dimethylphthalate
Concen: 6.33 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:163 Resp: 199657

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.9	7.8	11.8



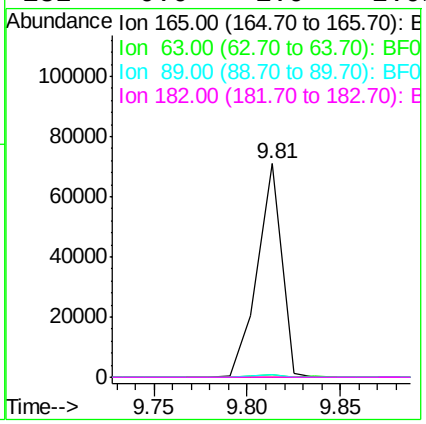


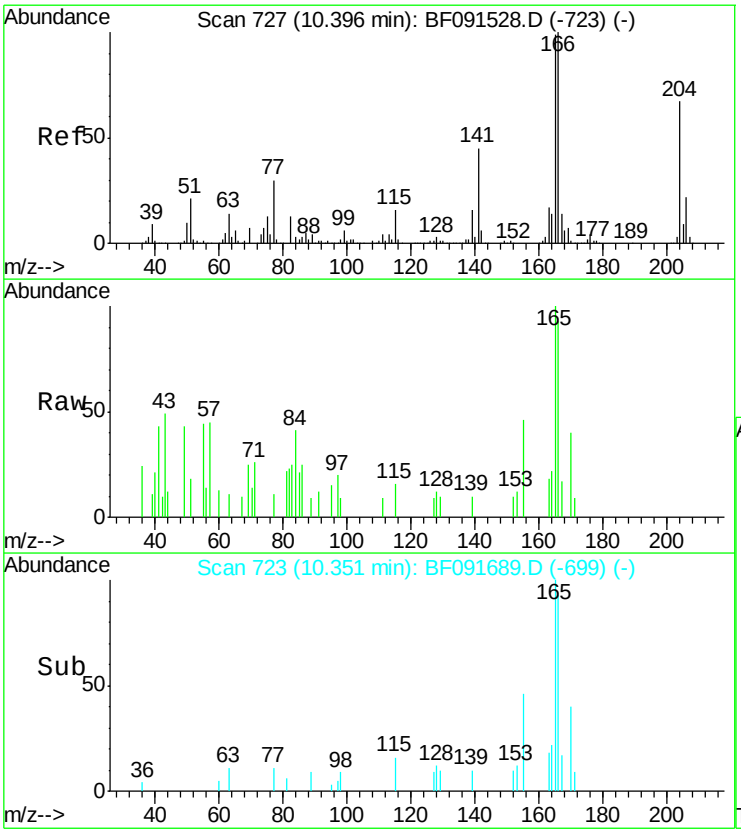
#56
2,4-Dinitrotoluene
Concen: 7.38 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion:165 Resp: 64013

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

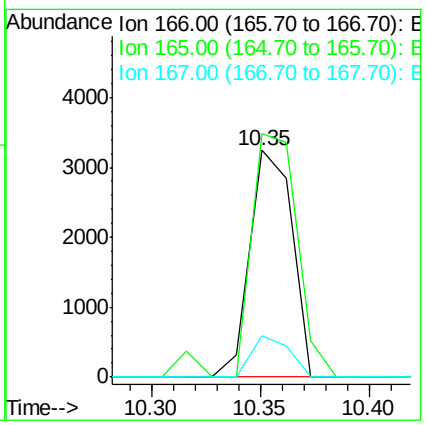


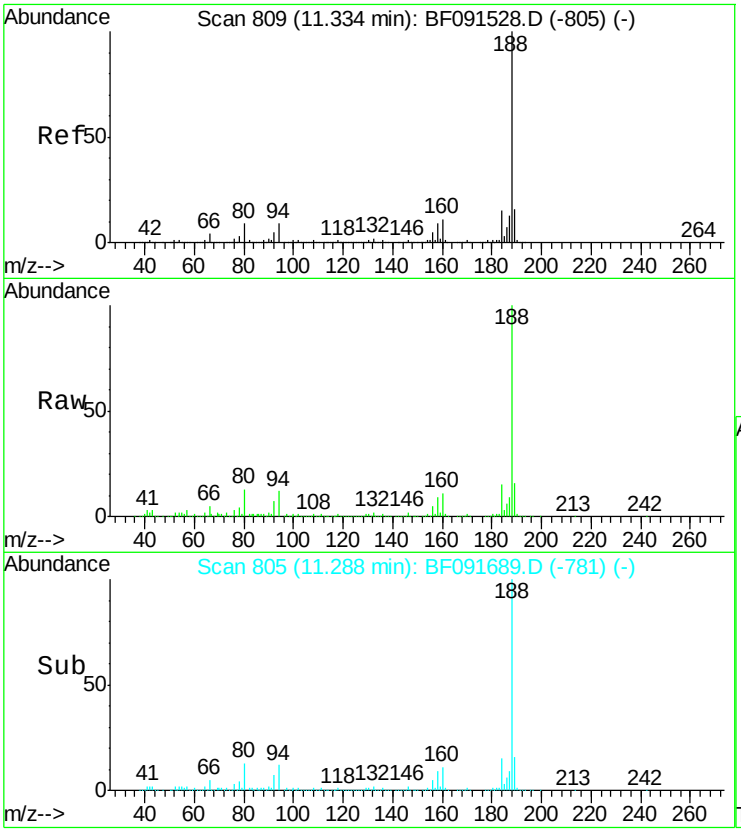


#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:166 Resp: 4402

Ion	Ratio	Lower	Upper
166	100		
165	107.4	80.0	120.0
167	18.1	10.8	16.2#



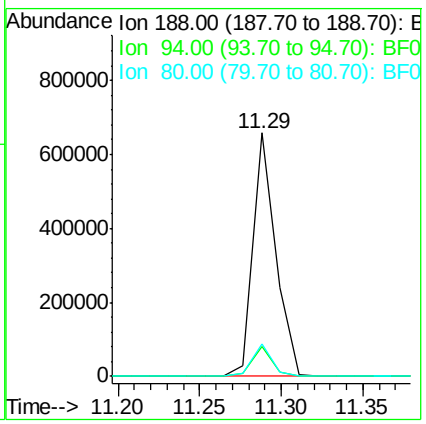


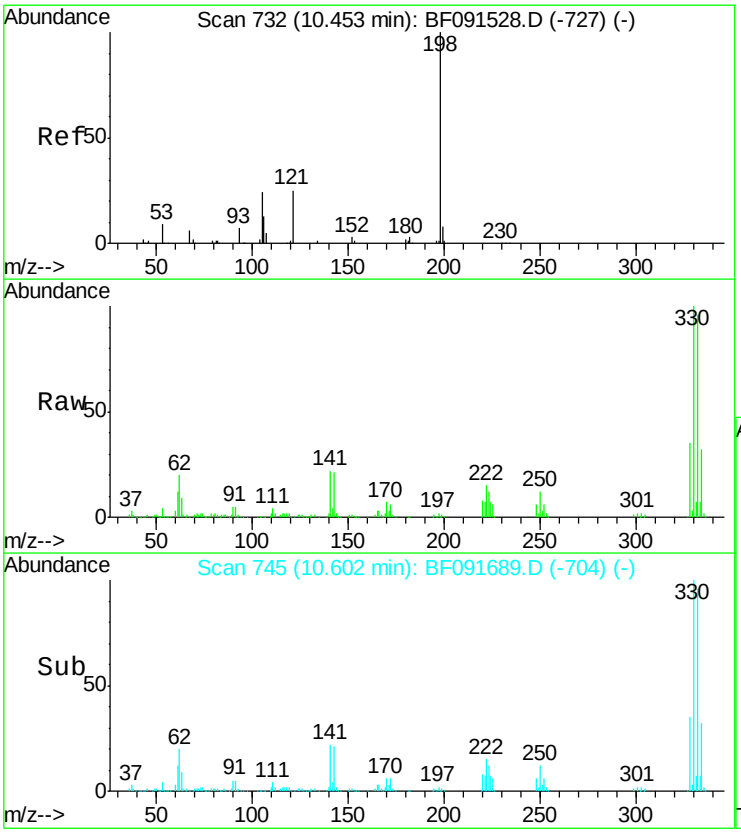
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion:188 Resp: 640881

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.2	13.8
80	13.4	10.5	15.7

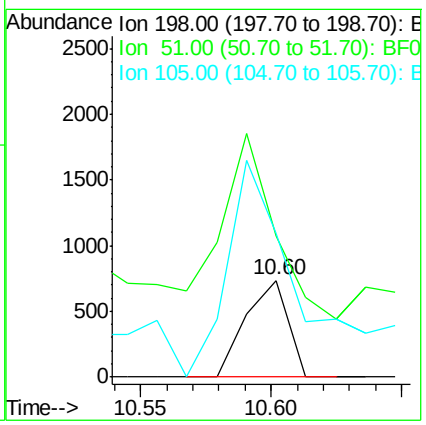


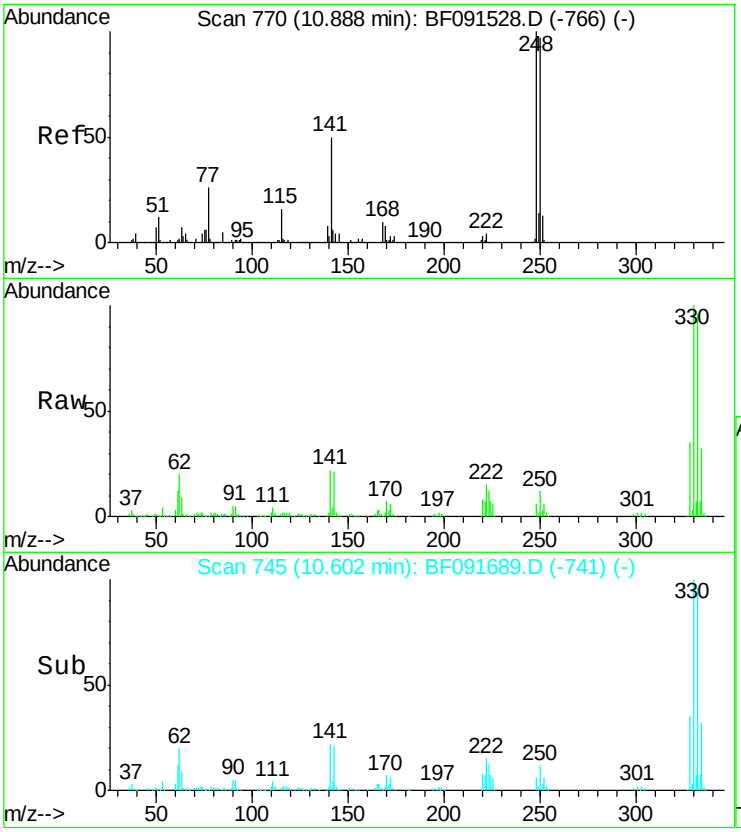


#64
4,6-Dinitro-2-methylphenol
Concen: 3.15 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.17 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:198 Resp: 832

Ion	Ratio	Lower	Upper
198	100		
51	145.6	77.1	117.1#
105	148.4	44.8	84.8#



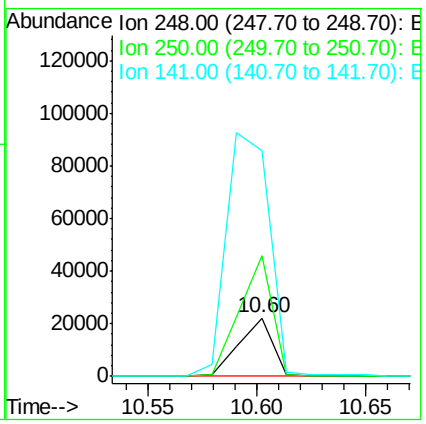


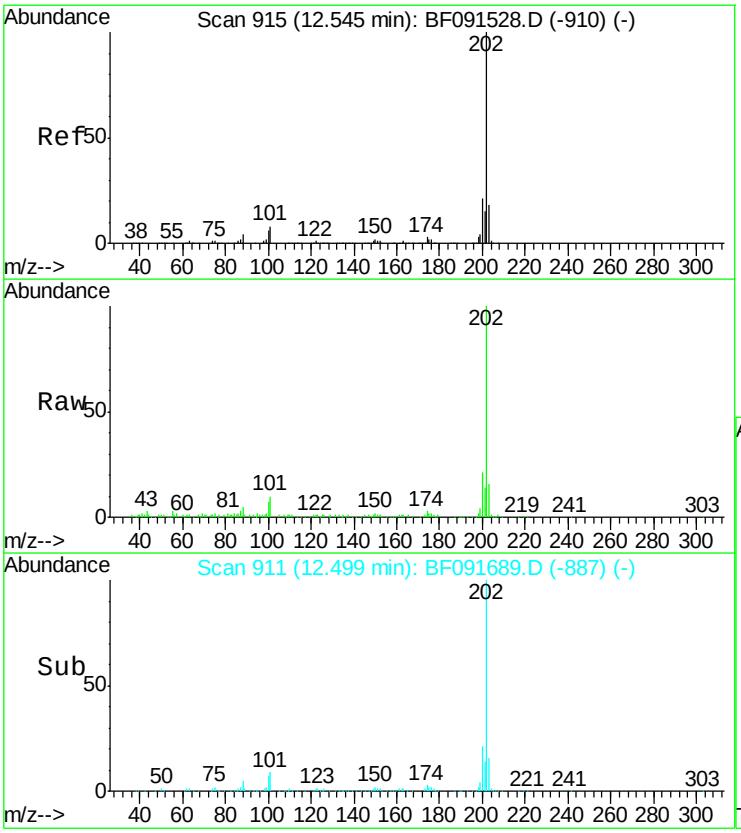
#66
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion:248 Resp: 23425

Ion	Ratio	Lower	Upper
248	100		
250	208.3	78.2	117.4#
141	388.3	71.9	107.9#

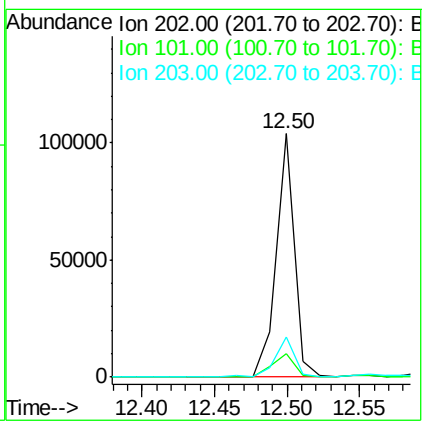


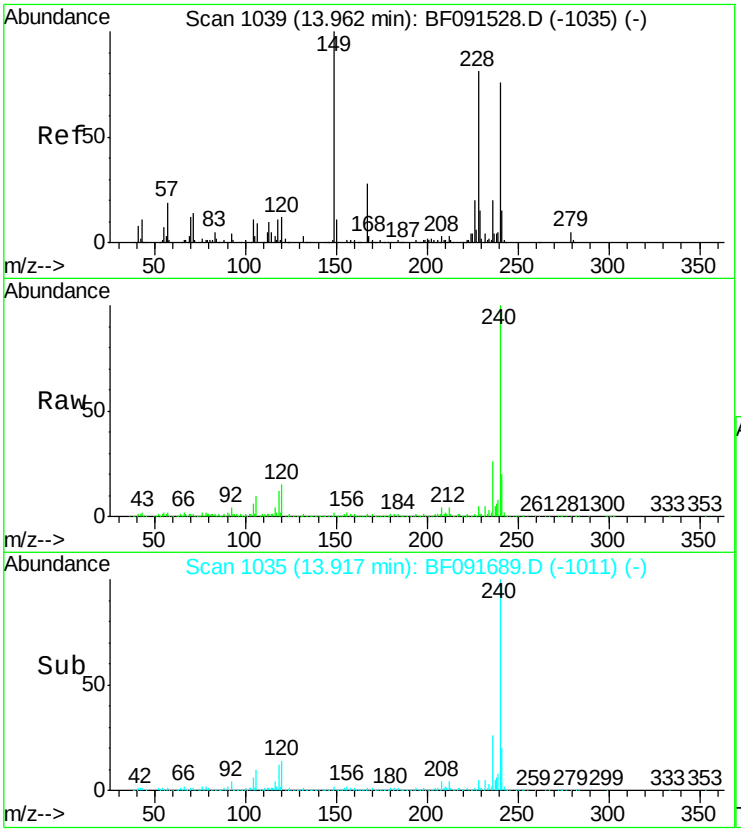


#74
Fluoranthene
Concen: 2.73 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:202 Resp: 90571

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.5
203	16.4	0.0	37.8



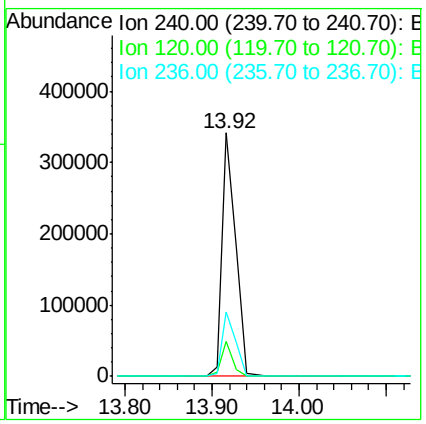


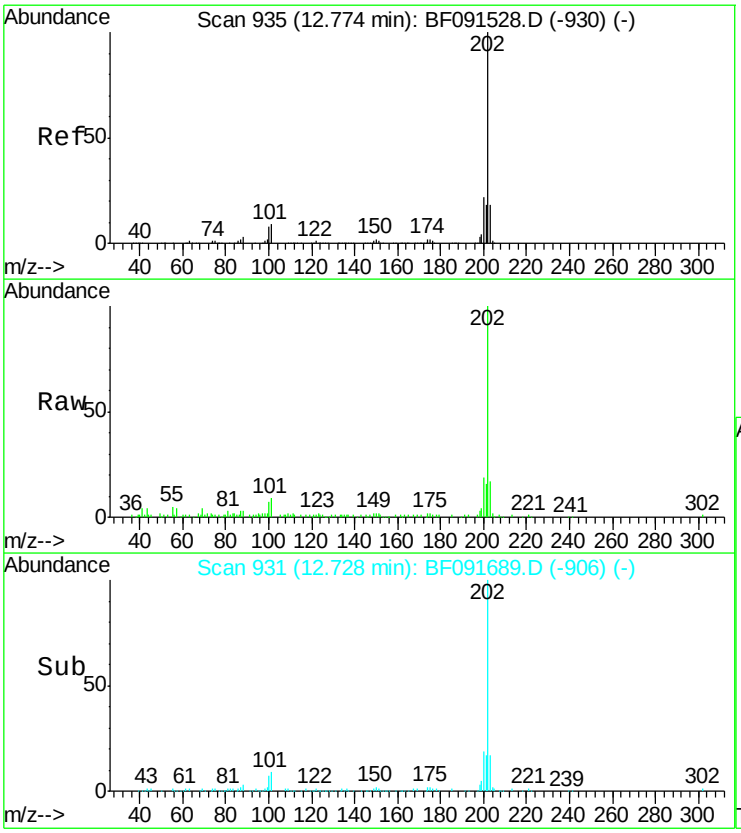
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion:240 Resp: 375363

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.1	18.1
236	26.2	21.0	31.6

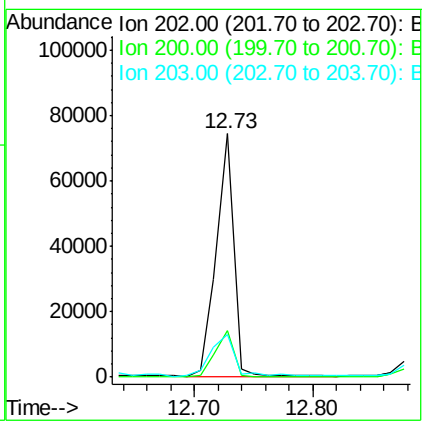


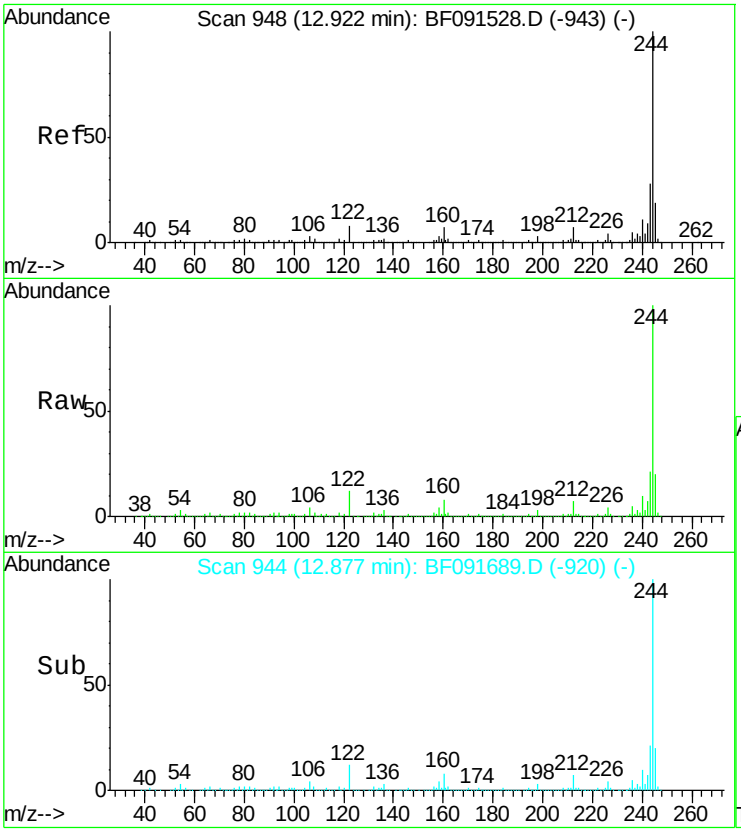


#77
Pyrene
Concen: 2.58 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:202 Resp: 76833

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.6	26.4
203	17.3	14.0	21.0



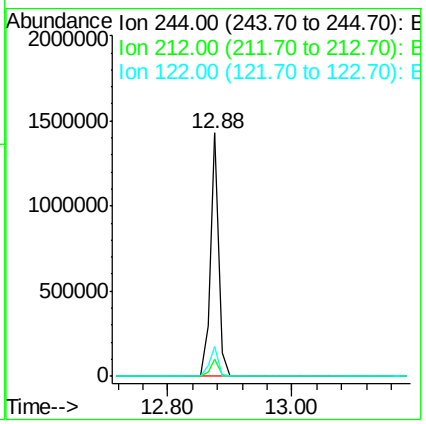


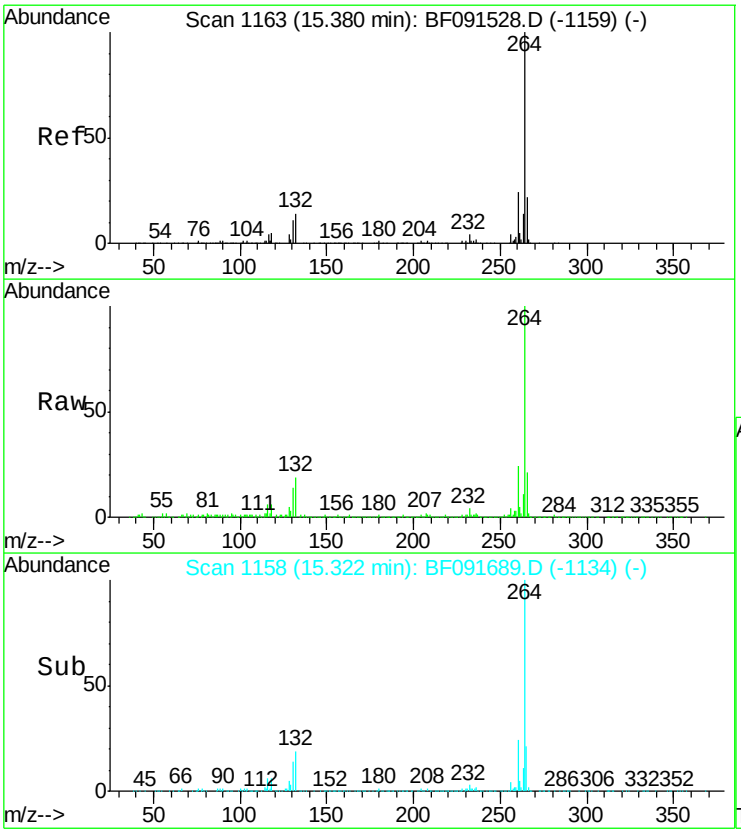
#78
Terphenyl-d14
Concen: 78.00 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion:244 Resp: 1290252

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	12.0	9.5	14.3

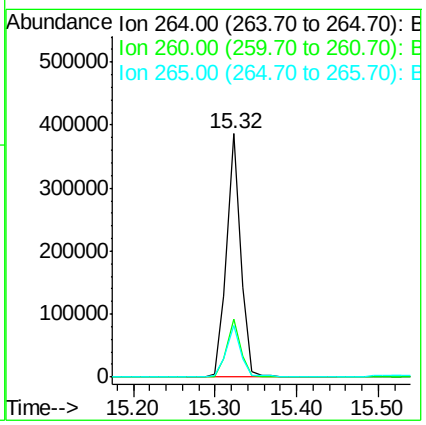


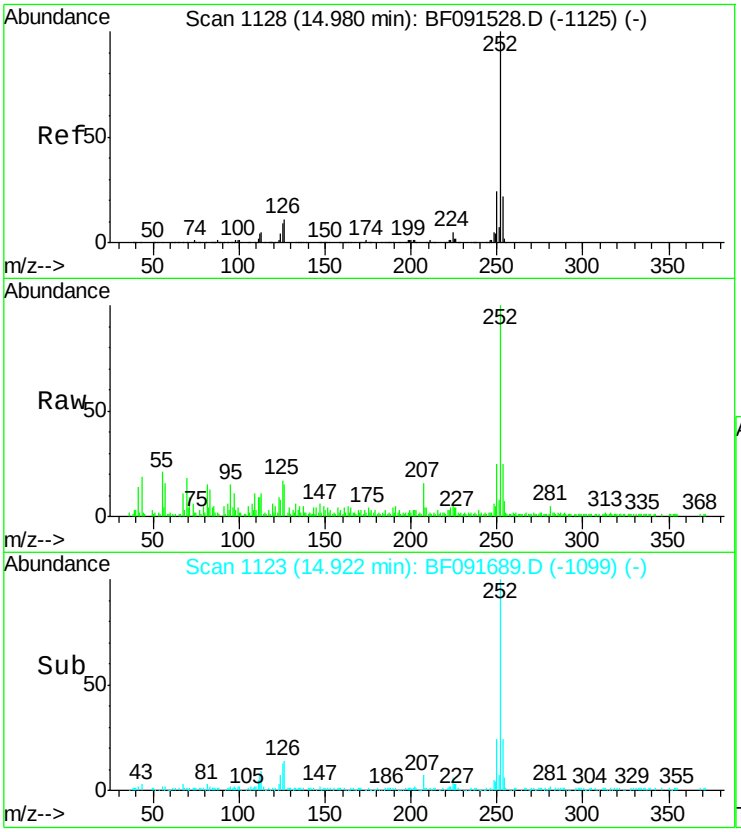


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:264 Resp: 466169

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.3	17.0	25.6



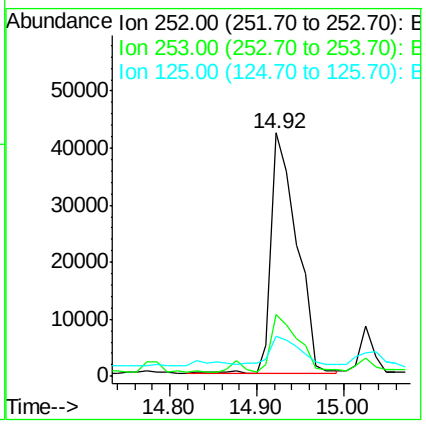


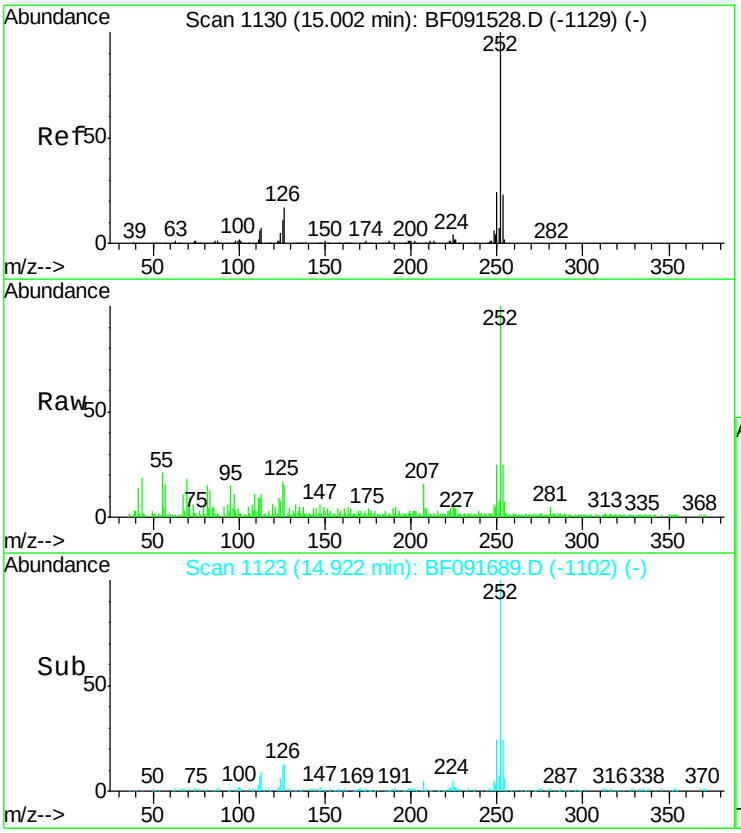
#87
Benzo(b)fluoranthene
Concen: 3.11 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Instrument :
BNA_F
ClientSampleId :
TP13-1.5FT

Tgt Ion:252 Resp: 86468

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.2
125	16.6	8.6	13.0#





#88
Benzo(k)fluoranthene
Concen: 3.54 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.06 min
Lab File: BF091689.D
Acq: 16 Dec 2016 22:50

Tgt Ion:252 Resp: 86468

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.8
125	16.6	9.6	14.4#