Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091683.D
Acq On : 16 Dec 2016 20:04
Operator : UM/SJ
Sample : H6099-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP02-3FT

Quant Time: Dec 16 23:30:18 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	223087	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	856409	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	491948	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	813193	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	666599	20.00	ng	-0.02
86) Perylene-d12	15.32	264	581658	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1228818	92.80	ng	0.00
7) Phenol-d6	6.42	99	1868072	113.16	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1048599	68.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	474893	116.22	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1762540	61.91	ng	-0.01
78) Terphenyl-d14	12.88	244	1606015	54.67	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.43	94	98406	5.10	ng	75
49) Dimethylphthalate	9.53	163	259778	8.34	ng	99
70) Phenanthrene	11.31	178	174933	4.34	ng	99
74) Fluoranthene	12.50	202	240556	5.70	ng	96
77) Pyrene	12.72	202	188980	3.57	ng	95
80) Benzo(a)anthracene	13.91	228	102173	2.64	ng	98
82) Chrysene	13.94	228	81463	2.01	ng	95
87) Benzo(b)fluoranthene	14.92	252	95170m	2.74	ng	

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

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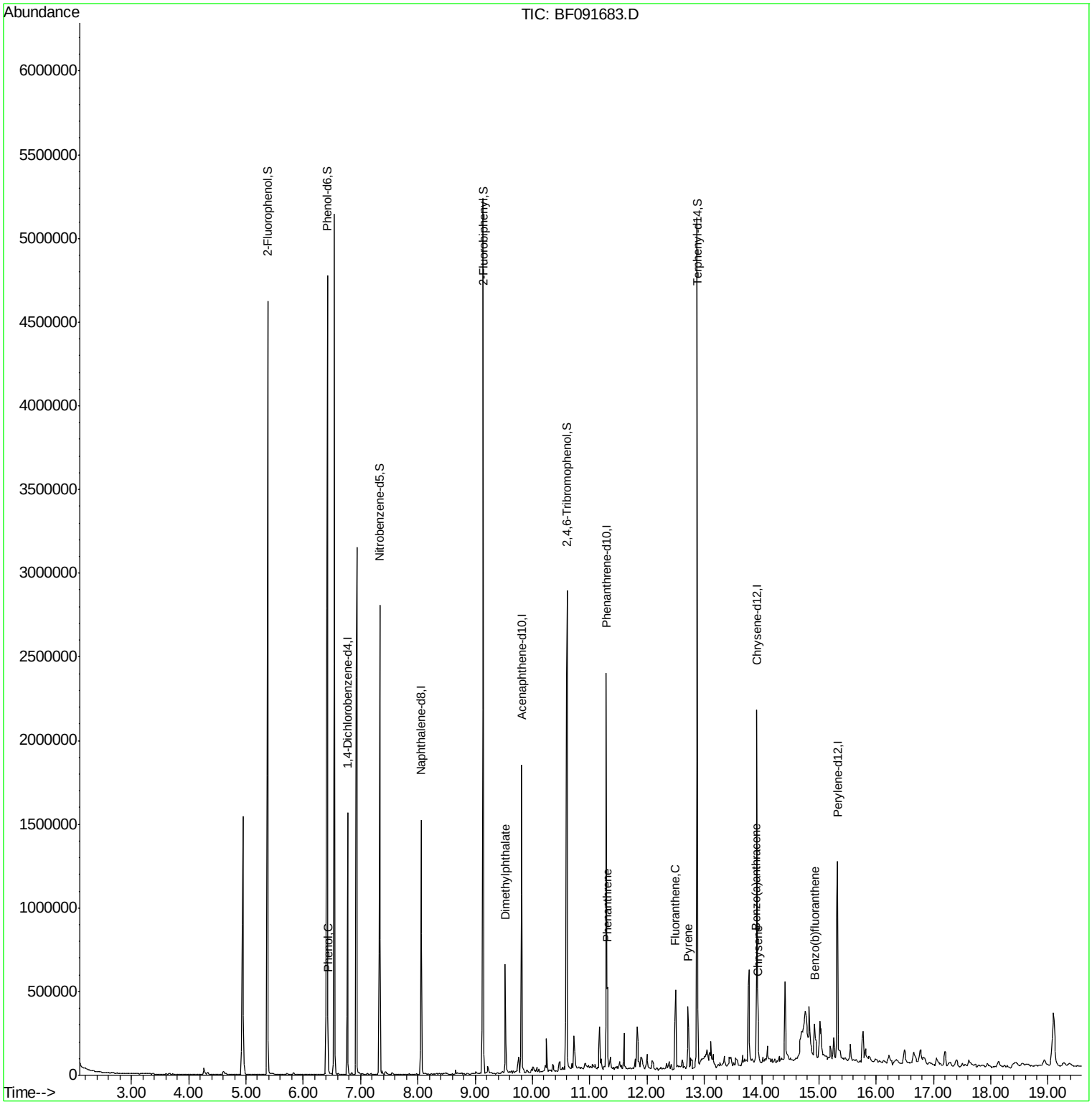
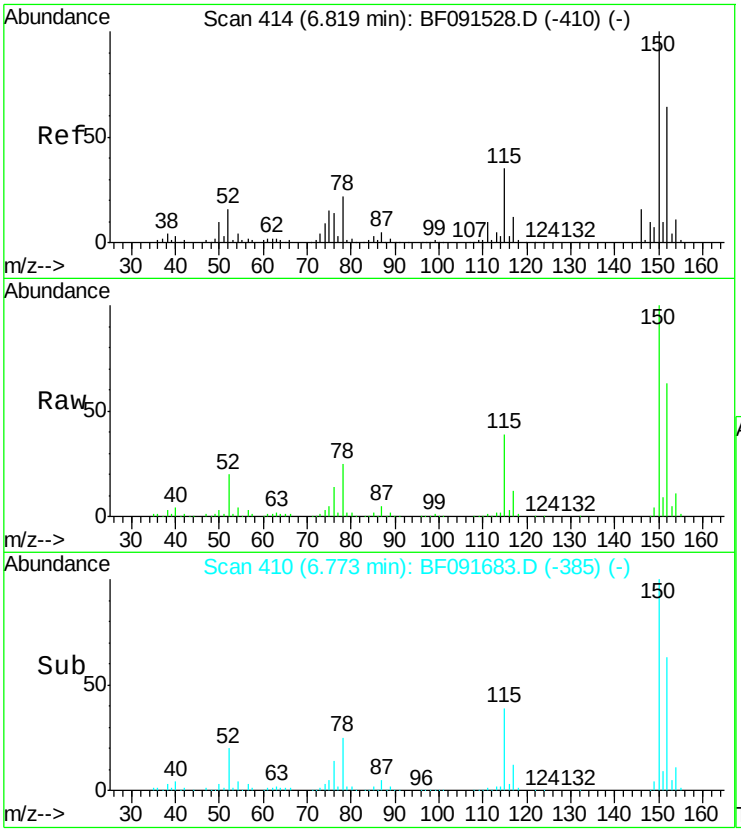


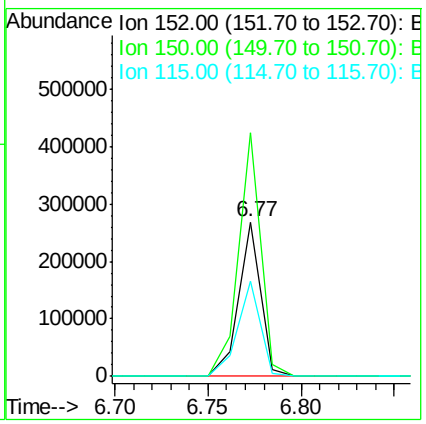


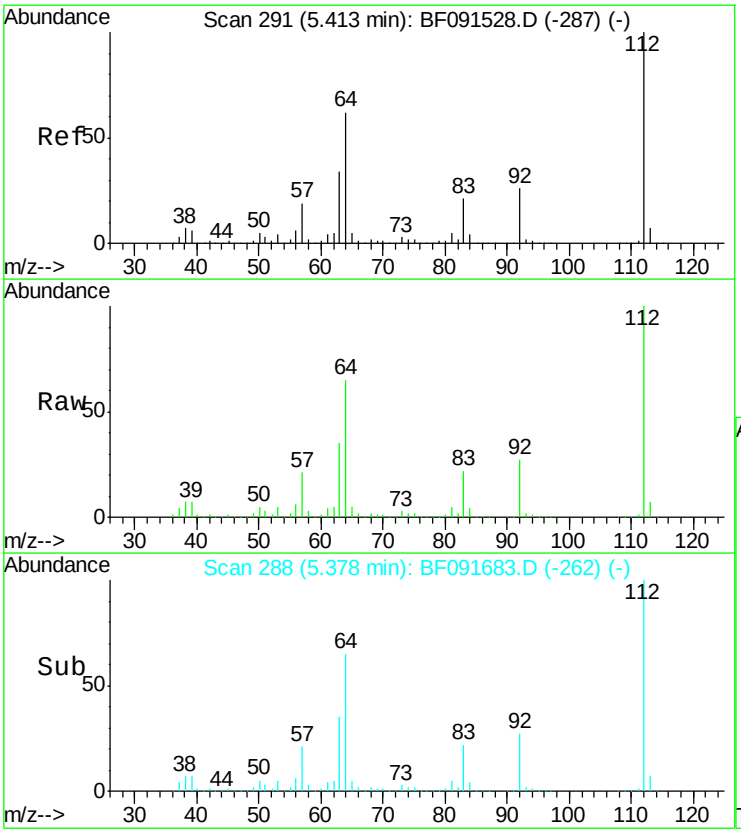
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion:152 Resp: 223087

Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.5	183.7
115	61.4	51.8	77.8

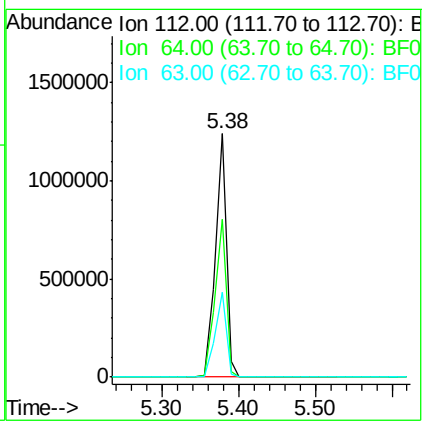


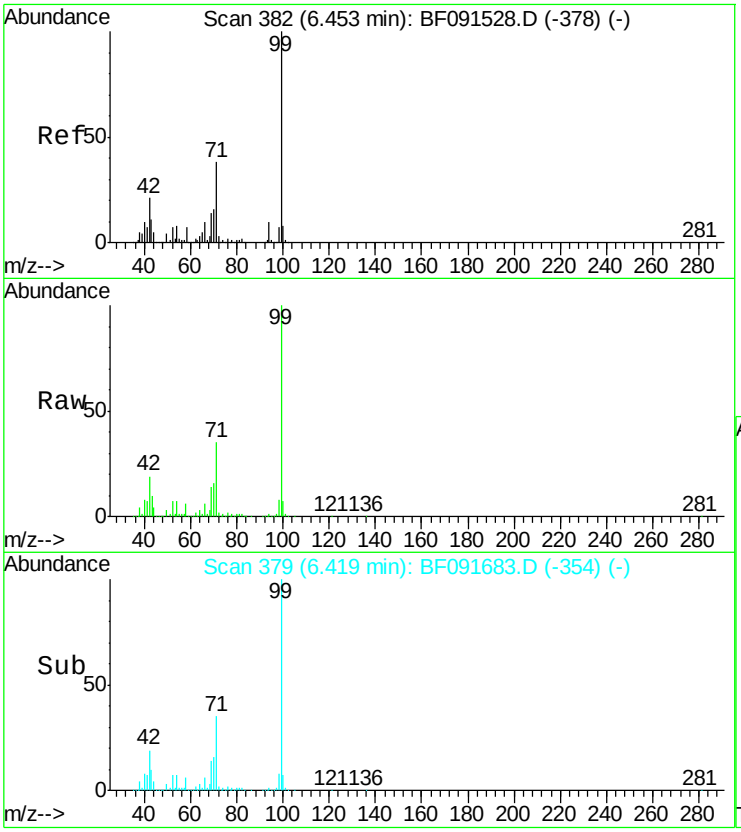


#5
2-Fluorophenol
Concen: 92.80 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion:112 Resp: 1228818

Ion	Ratio	Lower	Upper
112	100		
64	65.1	61.5	92.3
63	35.0	33.3	49.9



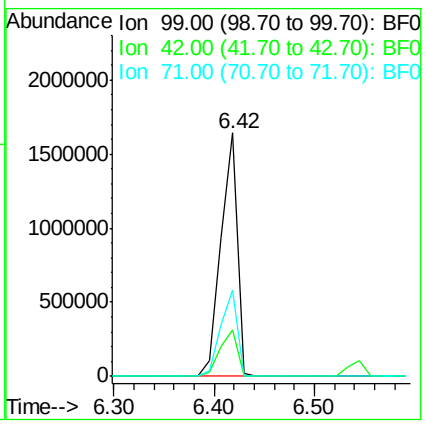


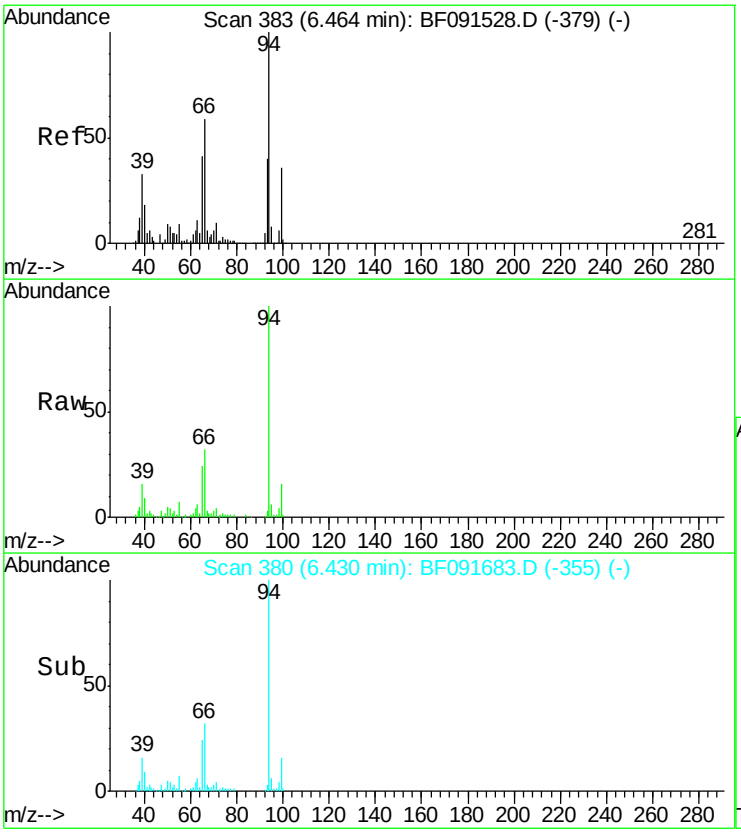
#7
Phenol-d6
Concen: 113.16 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion: 99 Resp: 1868072

Ion	Ratio	Lower	Upper
99	100		
42	19.1	20.6	31.0#
71	35.4	29.9	44.9

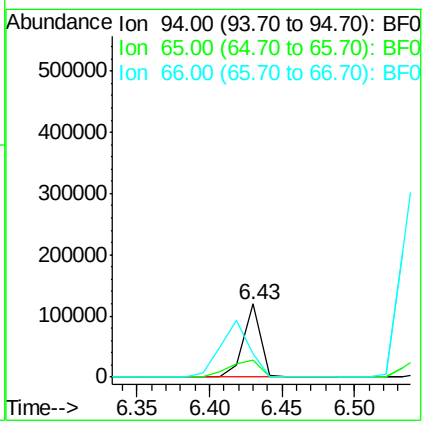


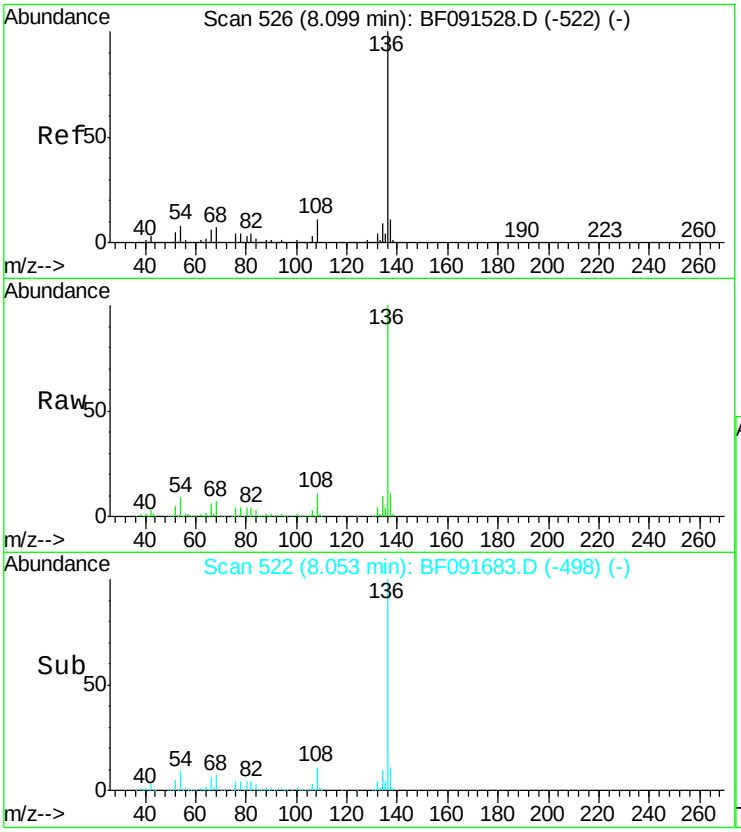


#10
Phenol
Concen: 5.10 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion: 94 Resp: 98406

Ion	Ratio	Lower	Upper
94	100		
65	23.5	16.9	56.9
66	31.6	30.6	70.6



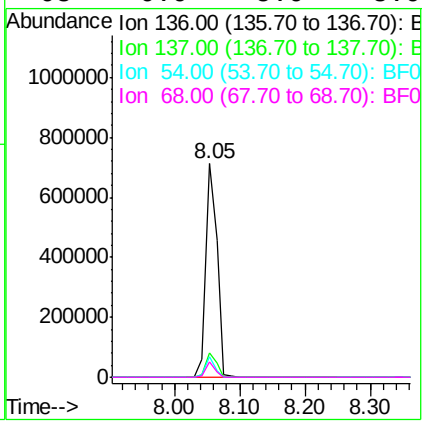


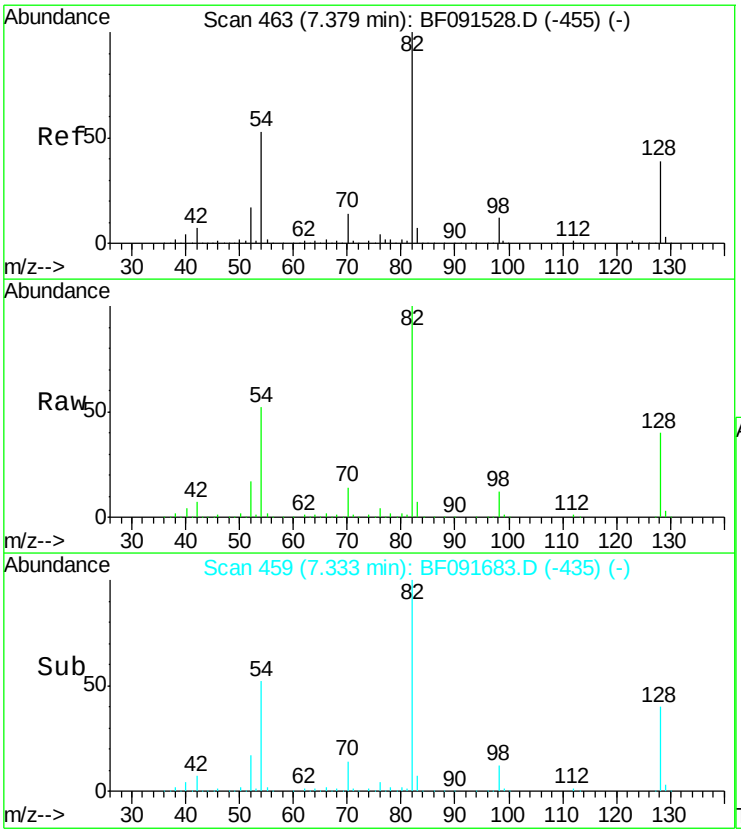
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion:136 Resp: 856409

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.5	9.1	13.7
68	6.9	5.9	8.9

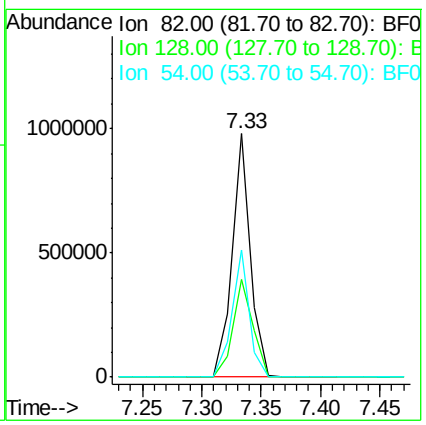


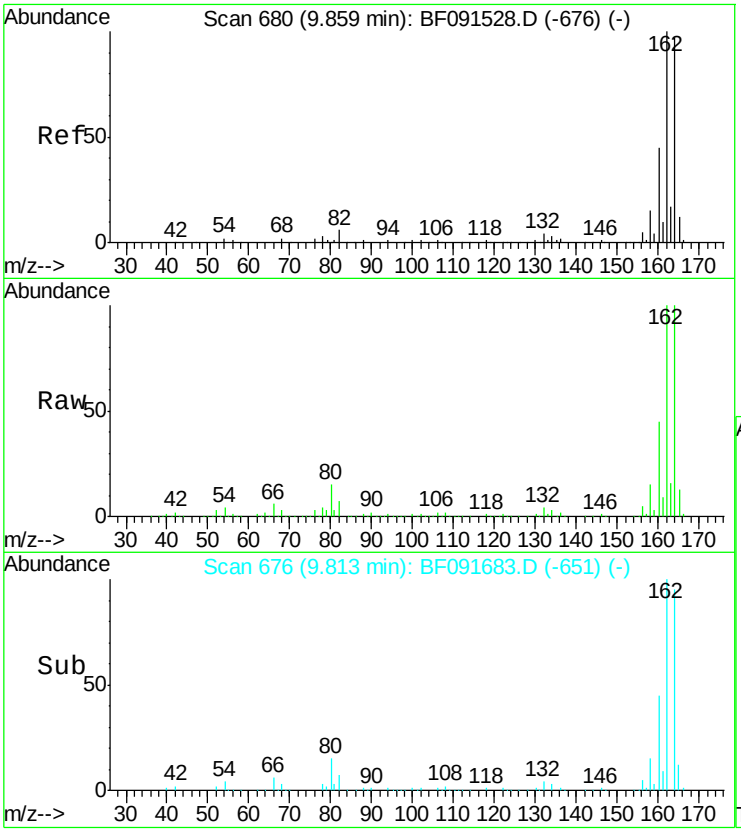


#23
Nitrobenzene-d5
Concen: 68.34 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion: 82 Resp: 1048599

Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.8	47.6
54	52.3	49.1	73.7



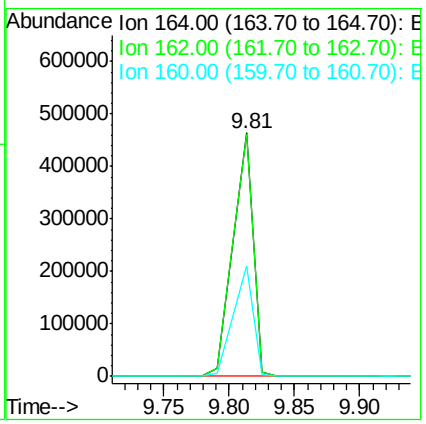


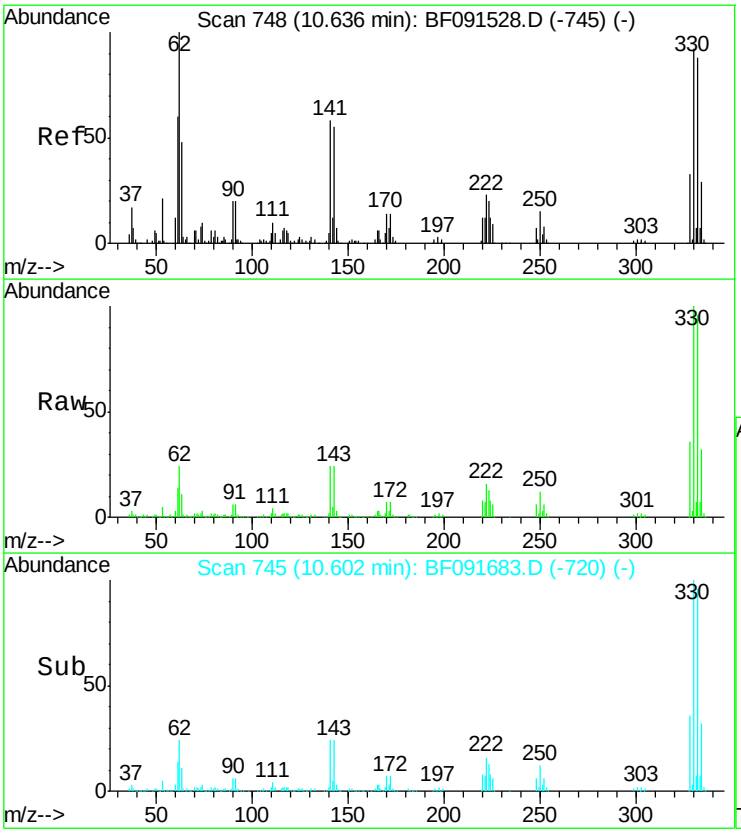
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion:164 Resp: 491948

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.6	124.0
160	45.1	36.7	55.1

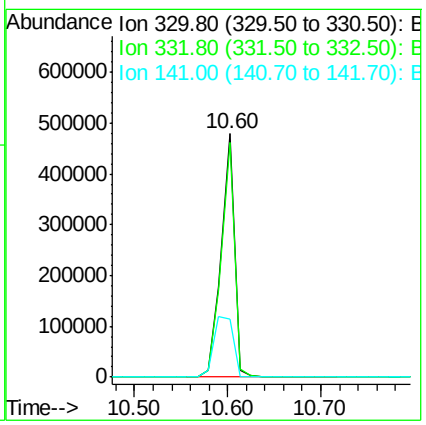


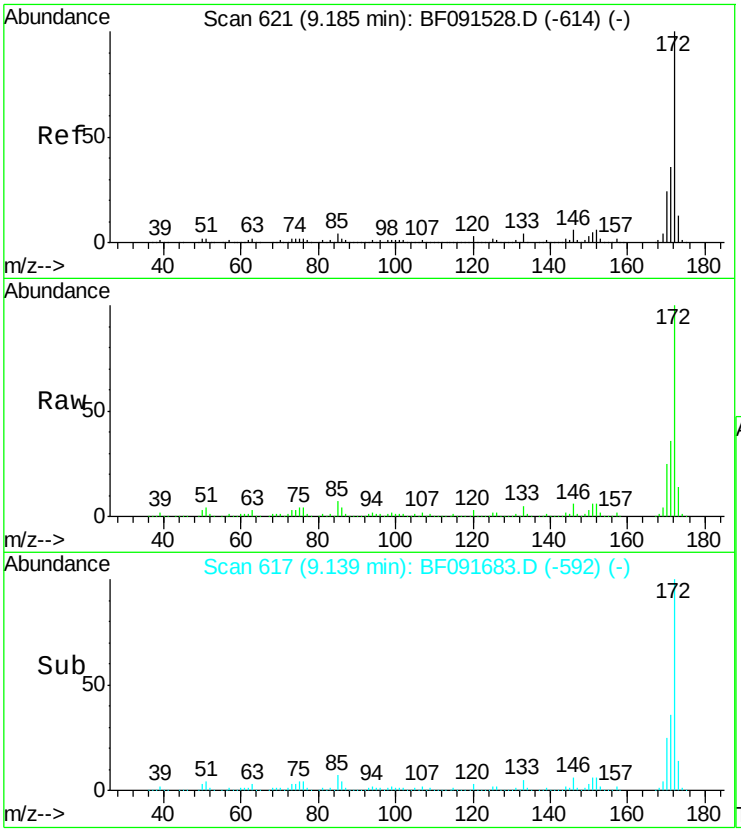


#41
2,4,6-Tribromophenol
Concen: 116.22 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion:330 Resp: 474893

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	36.6	33.6	50.4



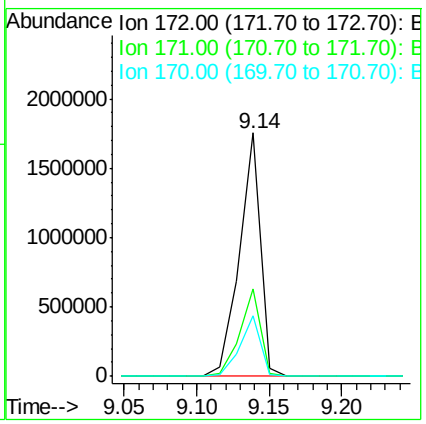


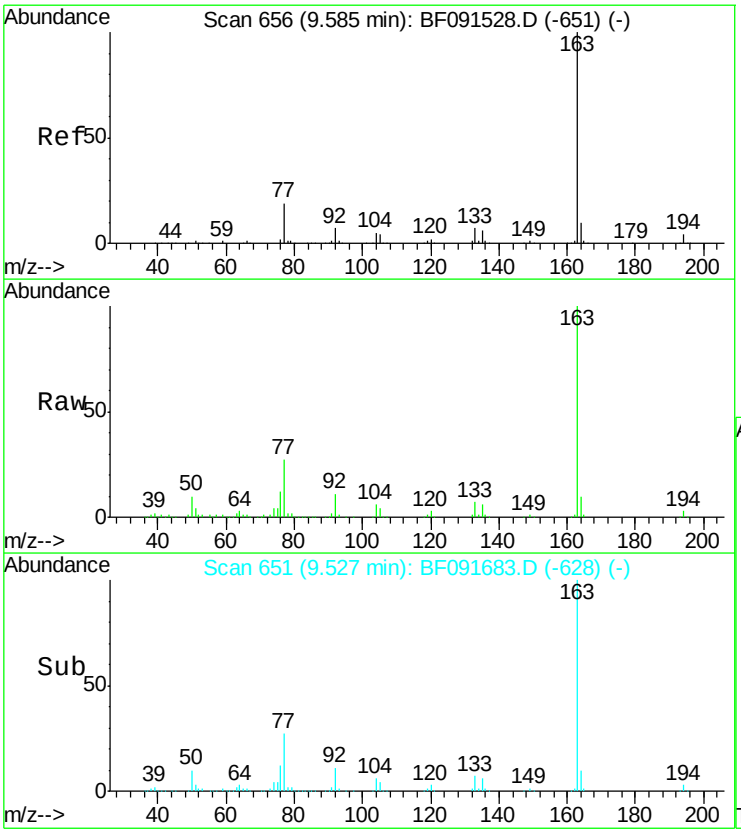
#44
2-Fluorobiphenyl
Concen: 61.91 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion:172 Resp: 1762540

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.7	19.7	29.5

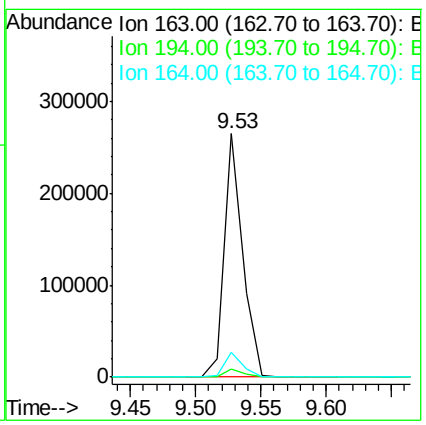


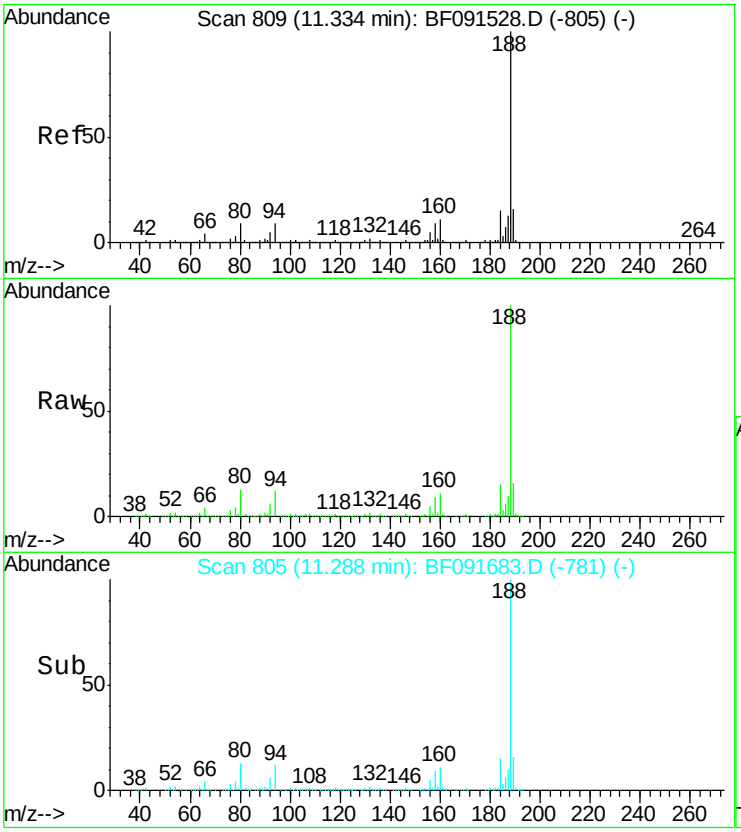


#49
Dimethylphthalate
Concen: 8.34 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion:163 Resp: 259778

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.3	7.8	11.8



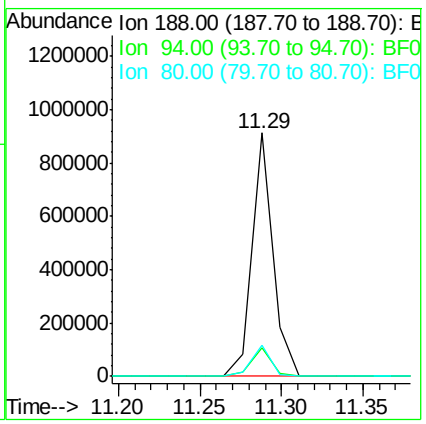


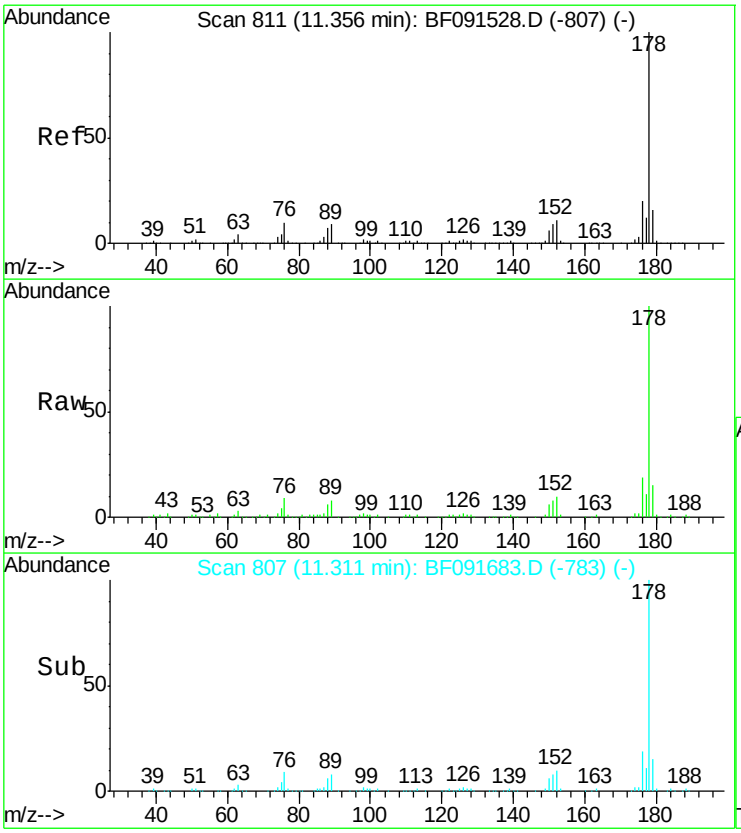
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion:188 Resp: 813193

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.2	13.8
80	12.6	10.5	15.7

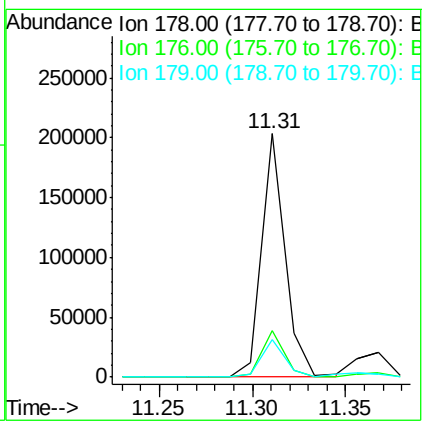


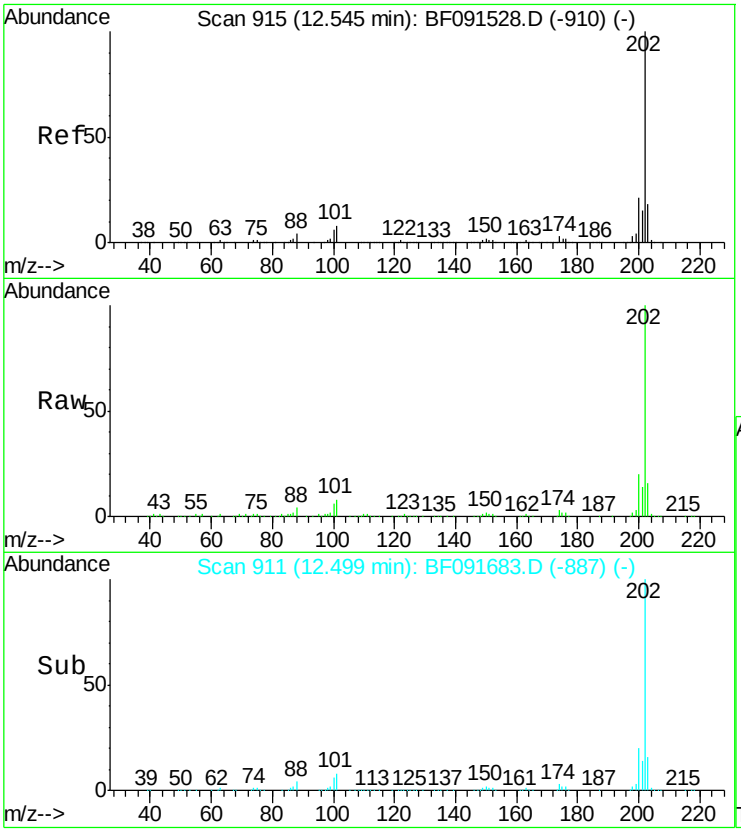


#70
Phenanthrene
Concen: 4.34 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion:178 Resp: 174933

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.2	12.6	18.8



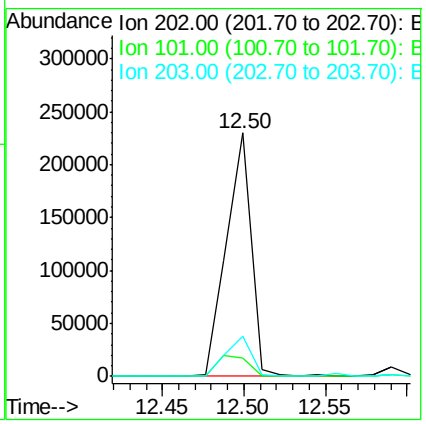


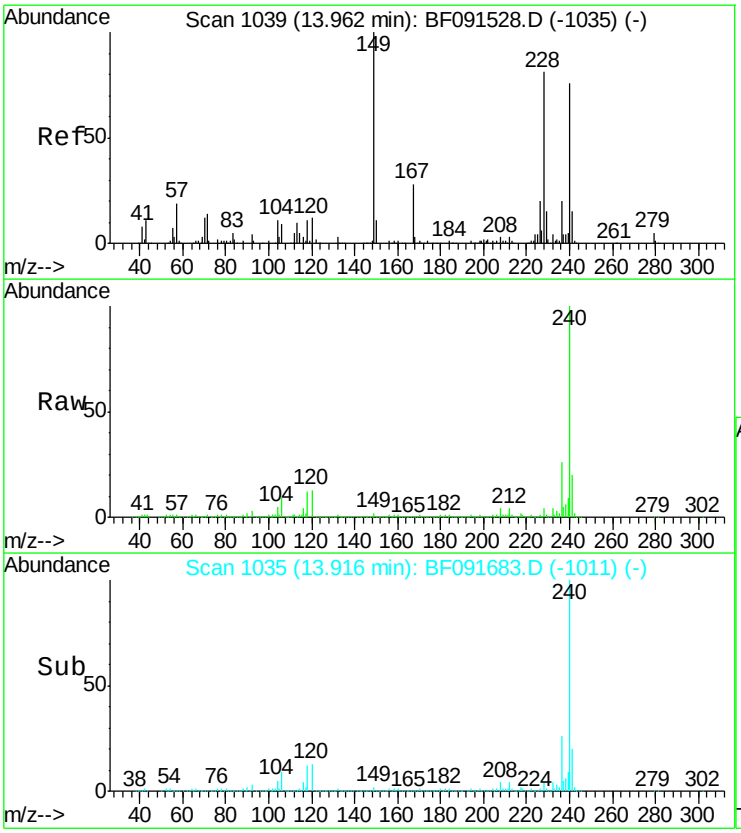
#74
Fluoranthene
Concen: 5.70 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion:202 Resp: 240556

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.5
203	16.4	0.0	37.8

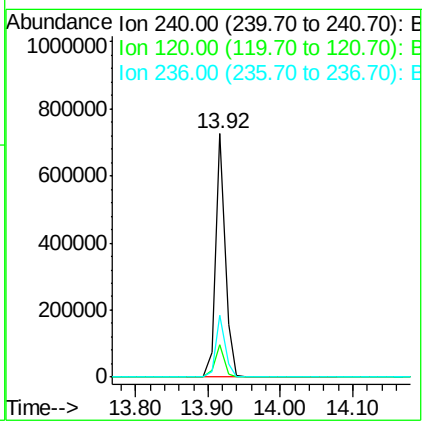


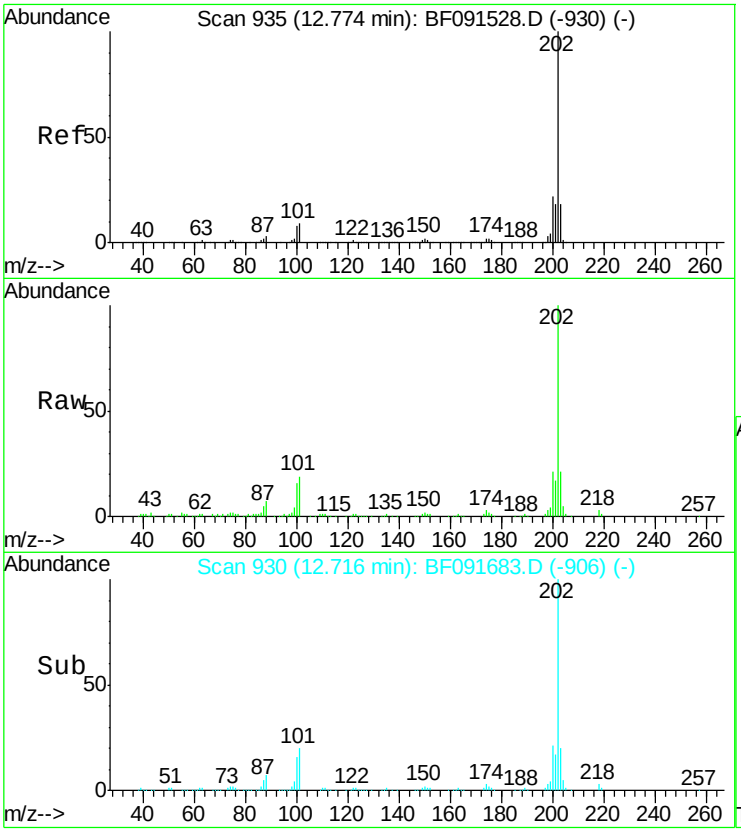


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion:240 Resp: 666599

Ion	Ratio	Lower	Upper
240	100		
120	13.3	12.1	18.1
236	25.5	21.0	31.6



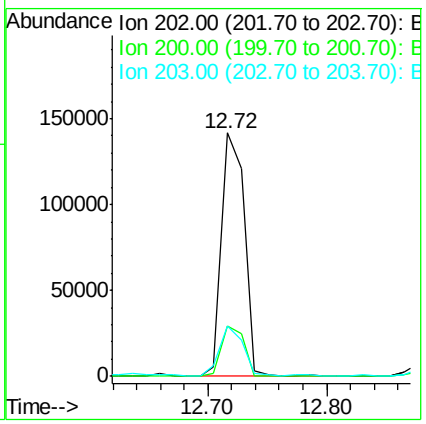


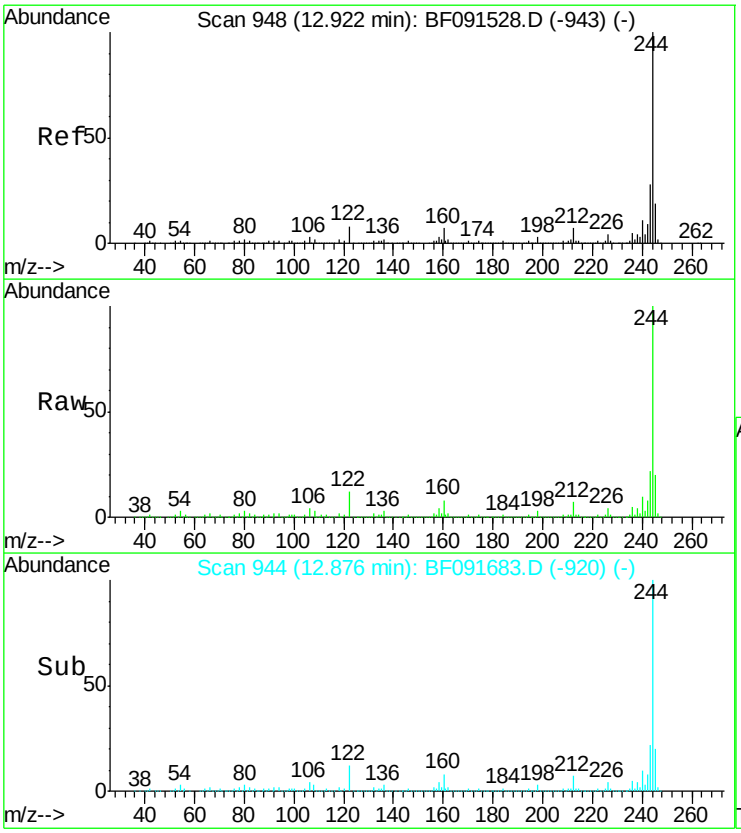
#77
Pyrene
Concen: 3.57 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion:202 Resp: 188980

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

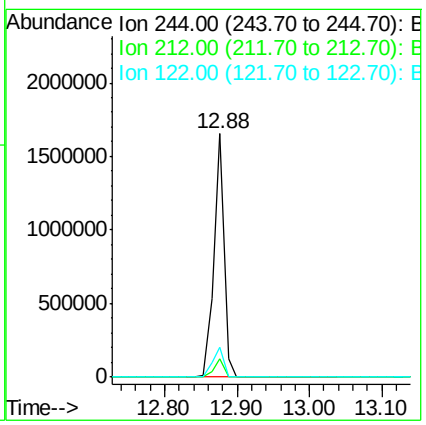


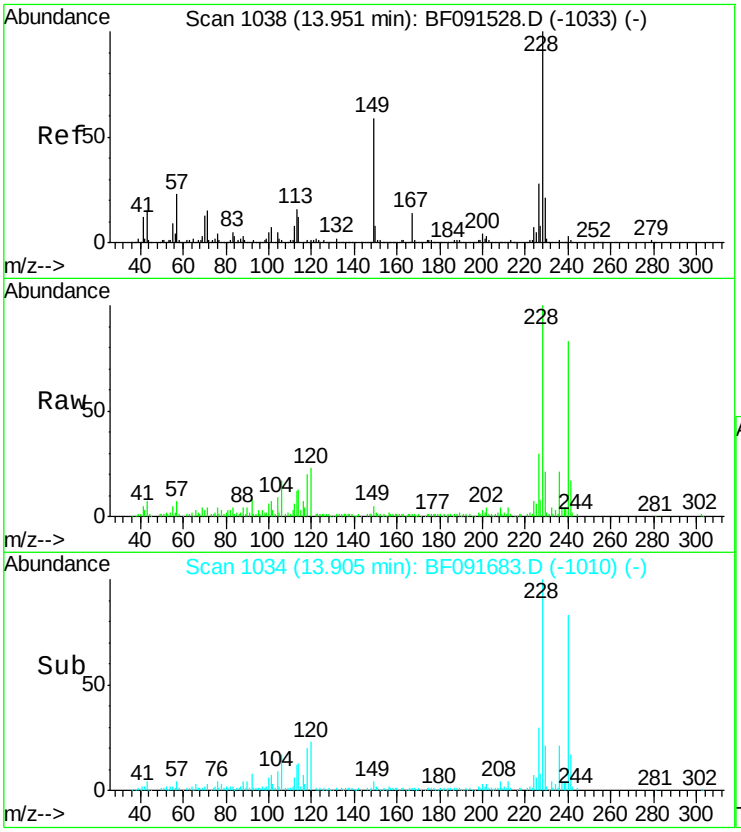


#78
Terphenyl-d14
Concen: 54.67 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion:244 Resp: 1606015

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	12.4	9.5	14.3



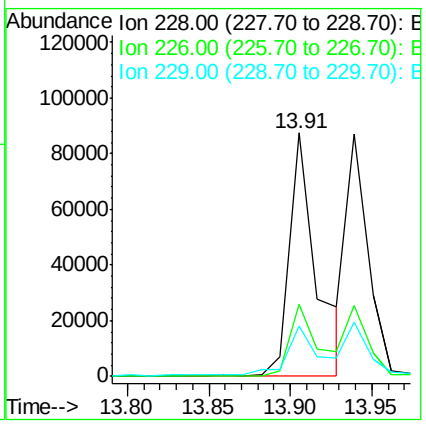


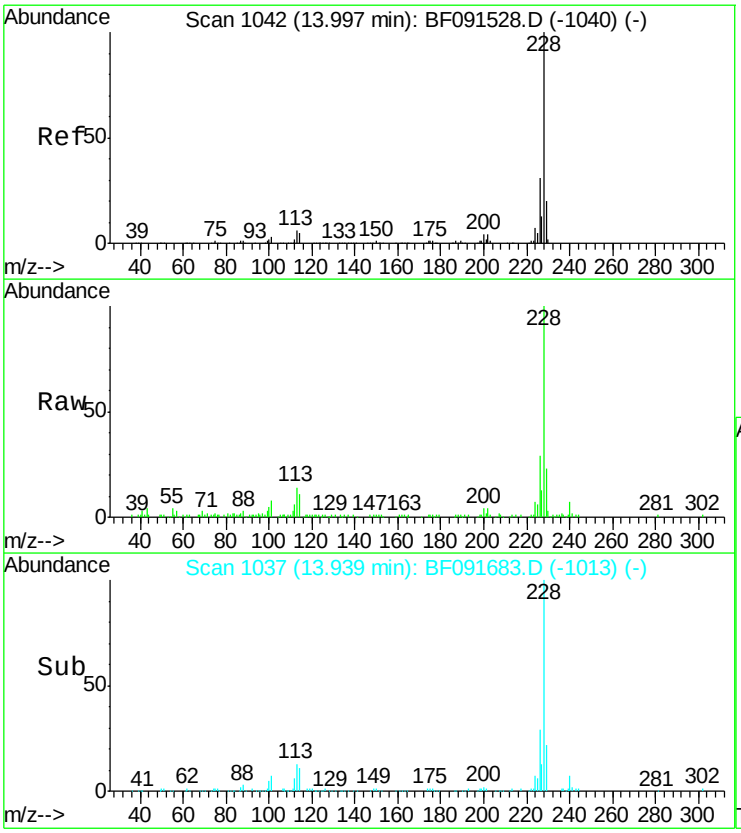
#80
Benzo(a)anthracene
Concen: 2.64 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion:228 Resp: 102173

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.5	33.7
229	20.7	16.4	24.6

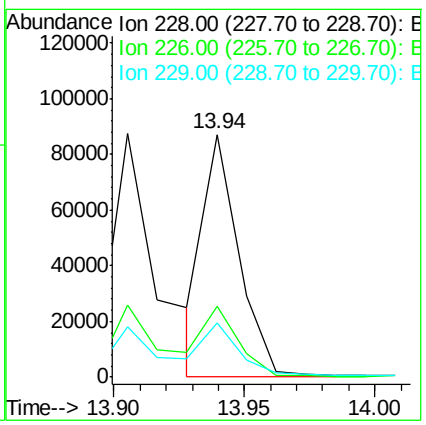


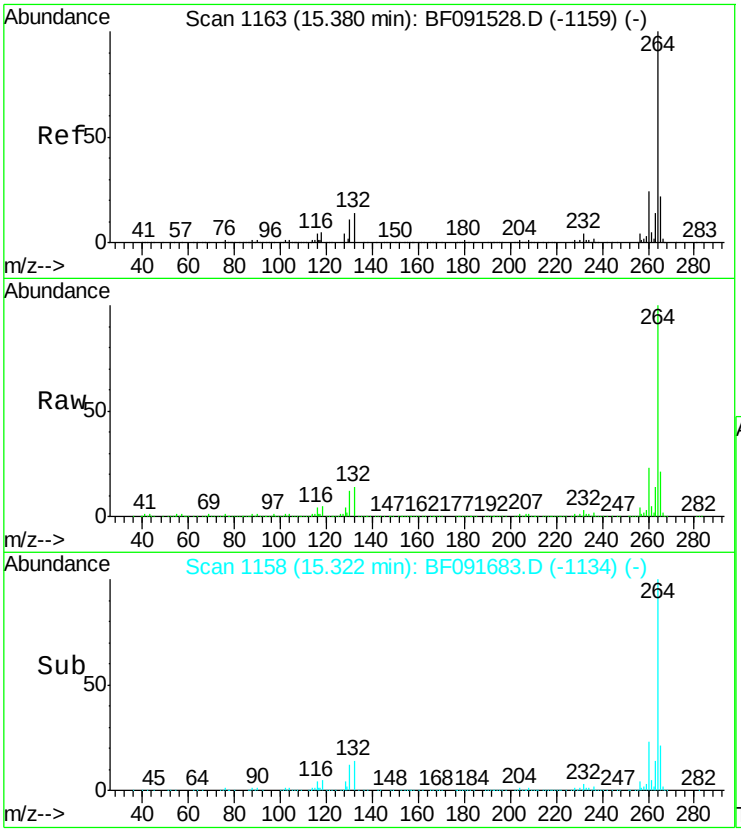


#82
Chrysene
Concen: 2.01 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion:228 Resp: 81463

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.4
229	22.6	16.0	24.0



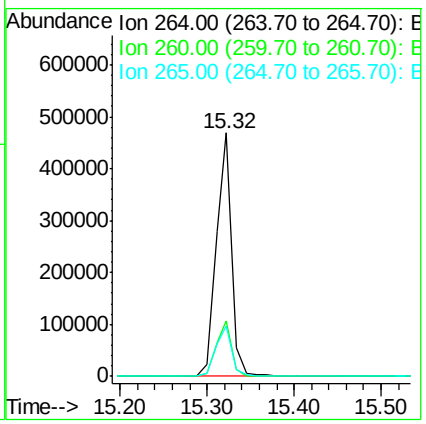


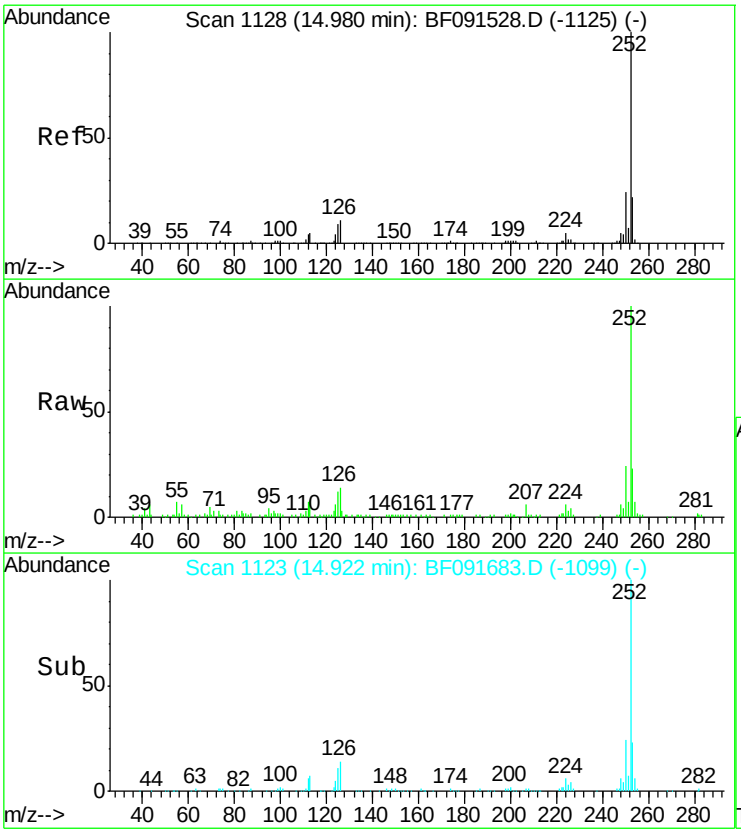
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Instrument :
BNA_F
ClientSampleId :
TP02-3FT

Tgt Ion:264 Resp: 581658

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	20.9	17.0	25.6





#87
Benzo(b)fluoranthene
Concen: 2.74 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF091683.D
Acq: 16 Dec 2016 20:04

Tgt Ion:252 Resp: 95170

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