Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083180.D
Acq On : 23 Nov 2015 1:35
Operator : UM/IZ
Sample : G4512-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-DIRT-1

Quant Time: Nov 23 06:10:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	210027	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	775108	20.00	ng		-0.01
38) Acenaphthene-d10	9.68	164	361298	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	602541	20.00	ng		-0.01
75) Chrysene-d12	13.78	240	474715	20.00	ng		-0.02
86) Perylene-d12	15.15	264	432809	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1368058	98.48	ng		-0.02
7) Phenol-d6	6.32	99	1915670	106.58	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1223875	72.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	303718	82.17	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	1614643	62.32	ng		-0.01
78) Terphenyl-d14	12.74	244	1208868	59.97	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	7.95	128	154904	3.70	ng		99
49) Dimethylphthalate	9.42	163	356750	12.83	ng		99
70) Phenanthrene	11.19	178	120535	3.47	ng		96
74) Fluoranthene	12.36	202	225138	6.34	ng		97
77) Pyrene	12.59	202	221122	6.82	ng		97
80) Benzo(a)anthracene	13.77	228	122032m	4.16	ng		
82) Chrysene	13.81	228	94137	3.46	ng		96
85) Indeno(1,2,3-cd)pyrene	16.41	276	56420	2.28	ng		96
87) Benzo(b)fluoranthene	14.78	252	118260m	4.00	ng		
88) Benzo(k)fluoranthene	14.79	252	52682m	2.39	ng		
89) Benzo(a)pyrene	15.10	252	88284	3.62	ng	#	94
91) Benzo(g,h,i)perylene	16.79	276	54474	2.52	ng	#	94

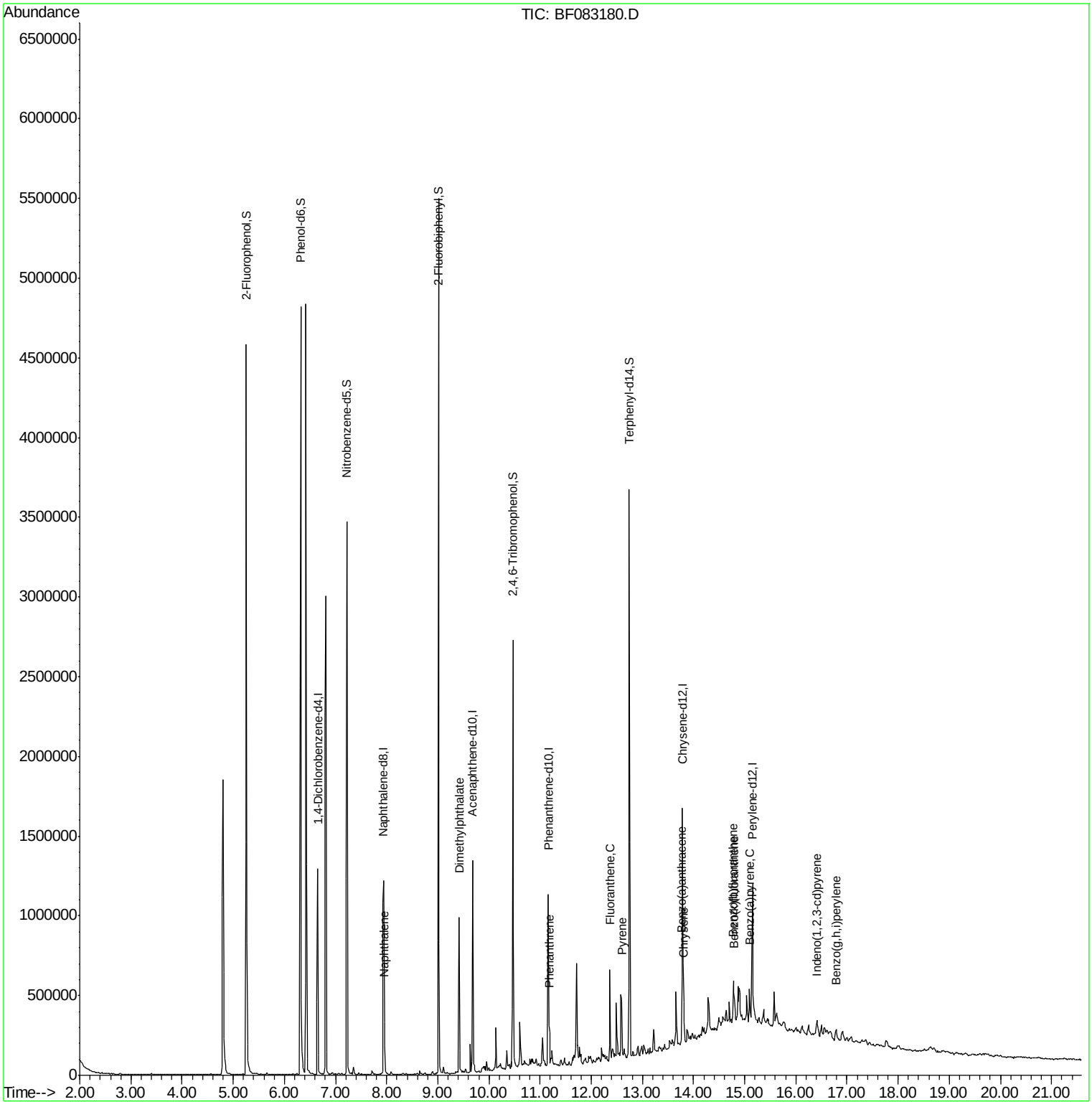
(#) = qualifier out of range (m) = manual integration (+) = signals summed

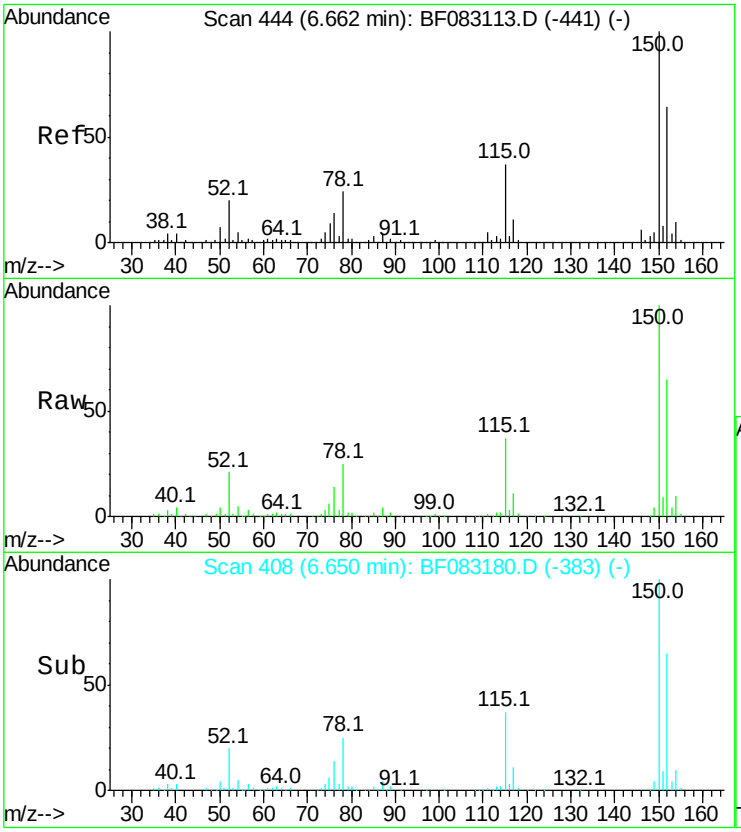
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083180.D
Acq On : 23 Nov 2015 1:35
Operator : UM/IZ
Sample : G4512-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-DIRT-1

Quant Time: Nov 23 06:10:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



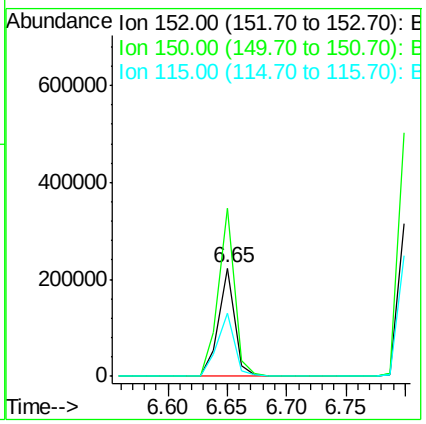


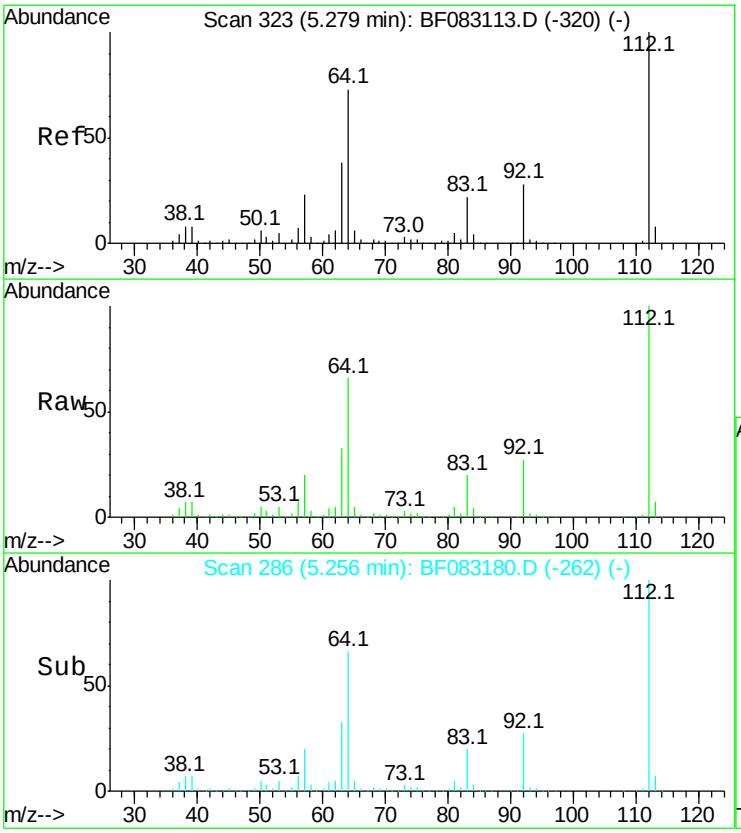
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:152 Resp: 210027

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.8	188.8
115	58.0	46.9	70.3

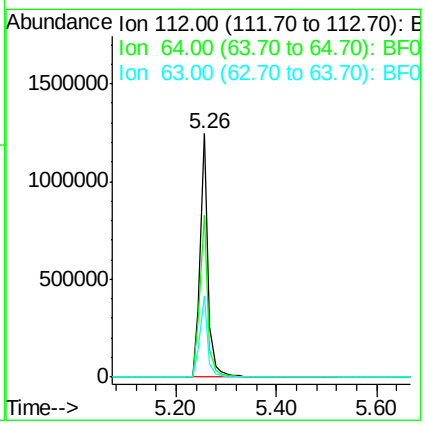


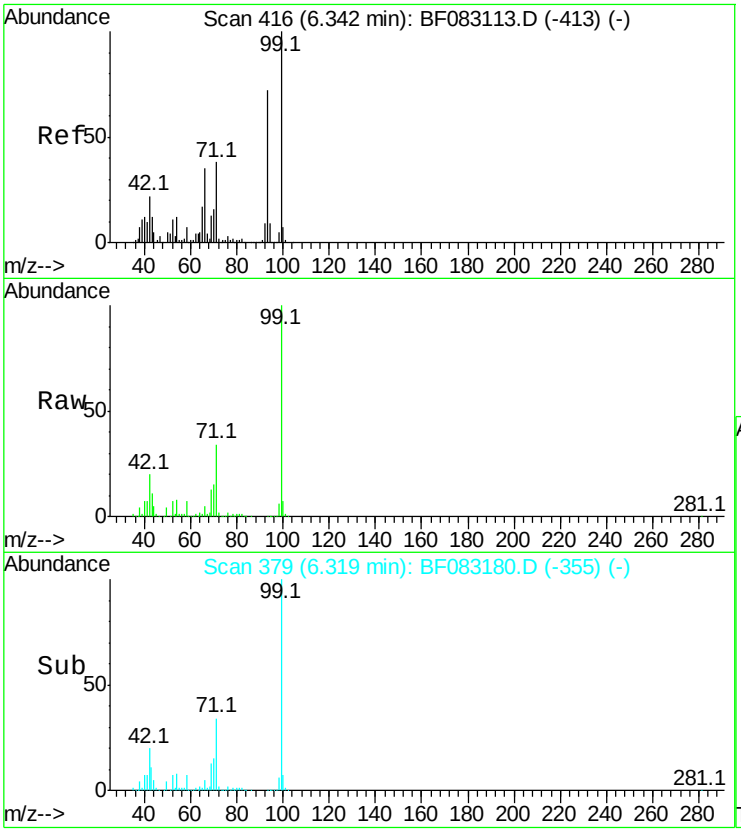


#5
2-Fluorophenol
Concen: 98.48 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:112 Resp: 1368058

Ion	Ratio	Lower	Upper
112	100		
64	66.4	58.4	87.6
63	33.2	30.0	45.0



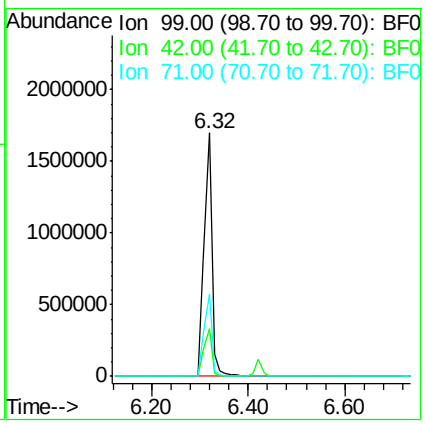


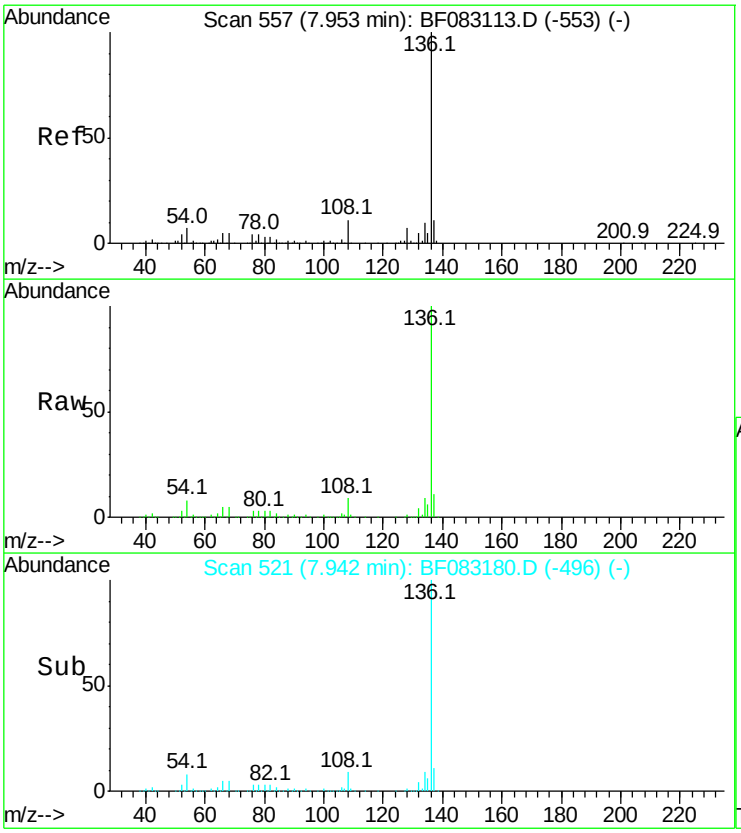
#7
Phenol-d6
Concen: 106.58 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion: 99 Resp: 1915670

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.7	26.5
71	33.8	30.2	45.4

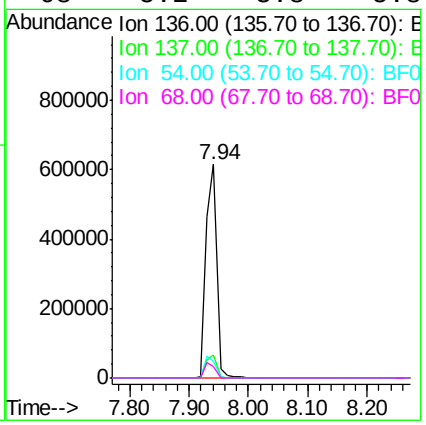


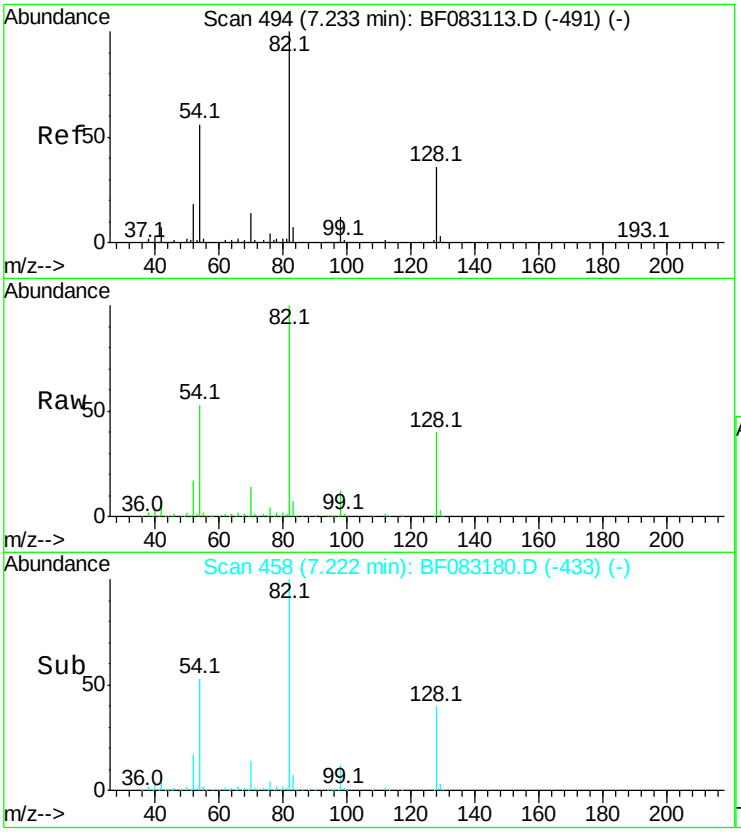


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:136 Resp: 775108

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.5	5.8	8.6
68	5.2	3.8	5.8



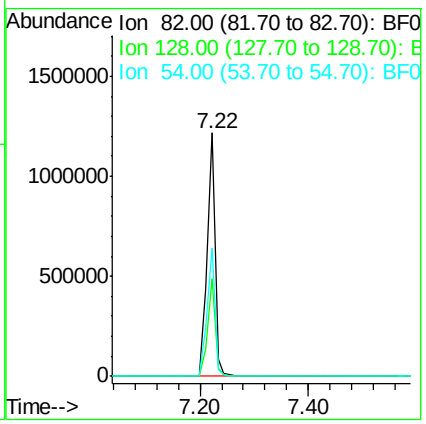


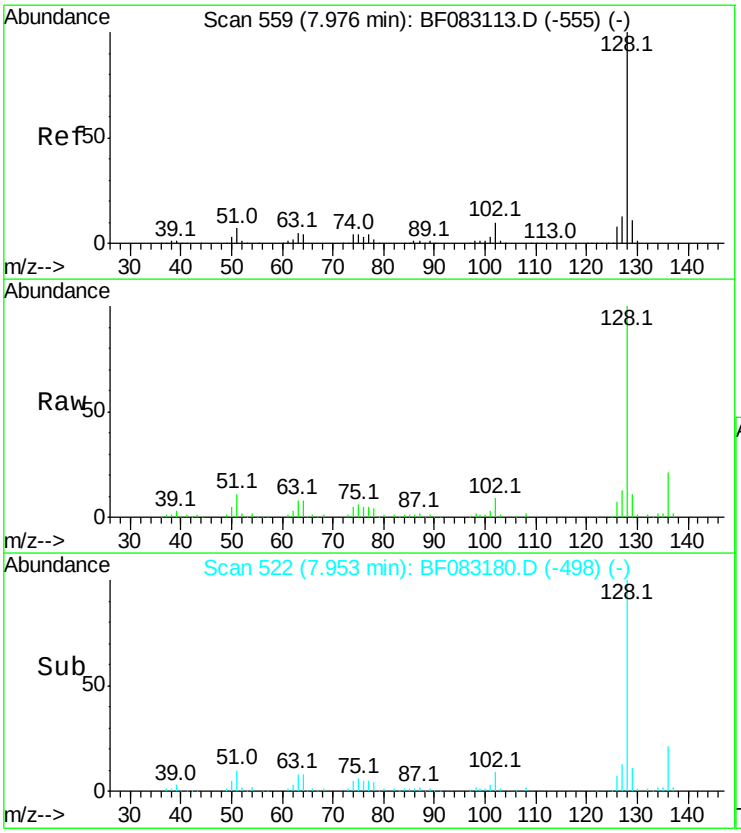
#23
Nitrobenzene-d5
Concen: 72.15 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion: 82 Resp: 1223875

Ion	Ratio	Lower	Upper
82	100		
128	40.0	28.5	42.7
54	52.8	44.6	67.0

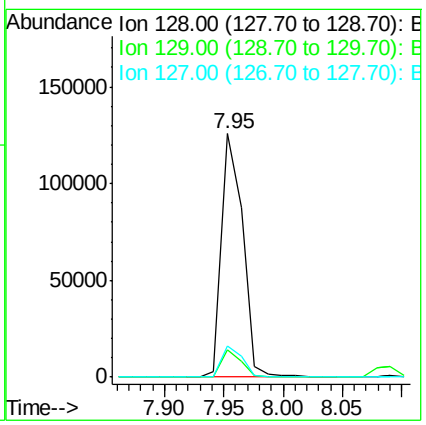


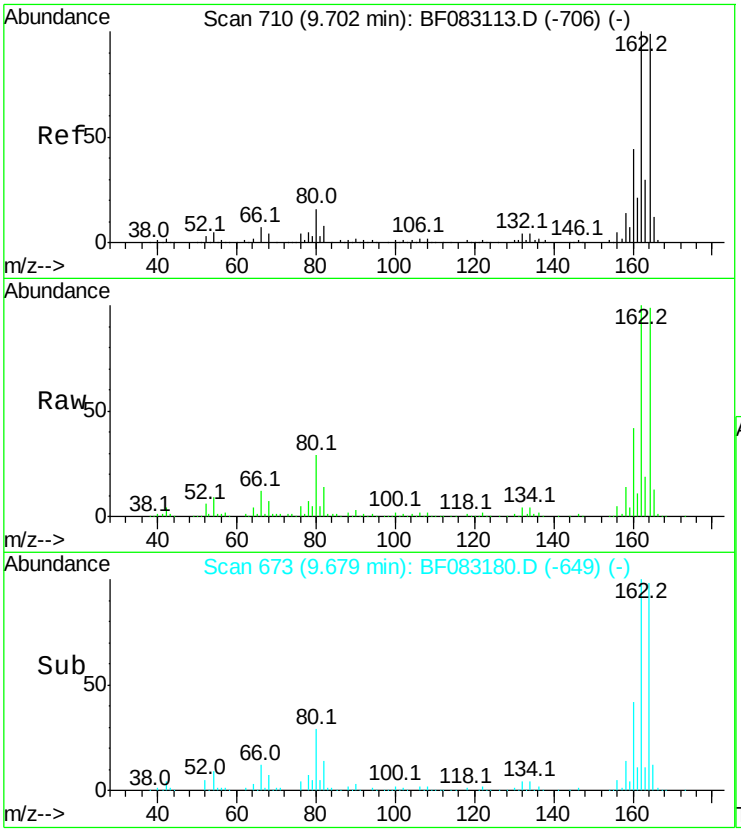


#31
Naphthalene
Concen: 3.70 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:128 Resp: 154904

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.0	10.6	15.8



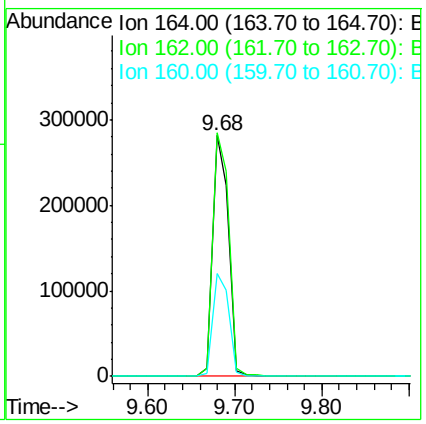


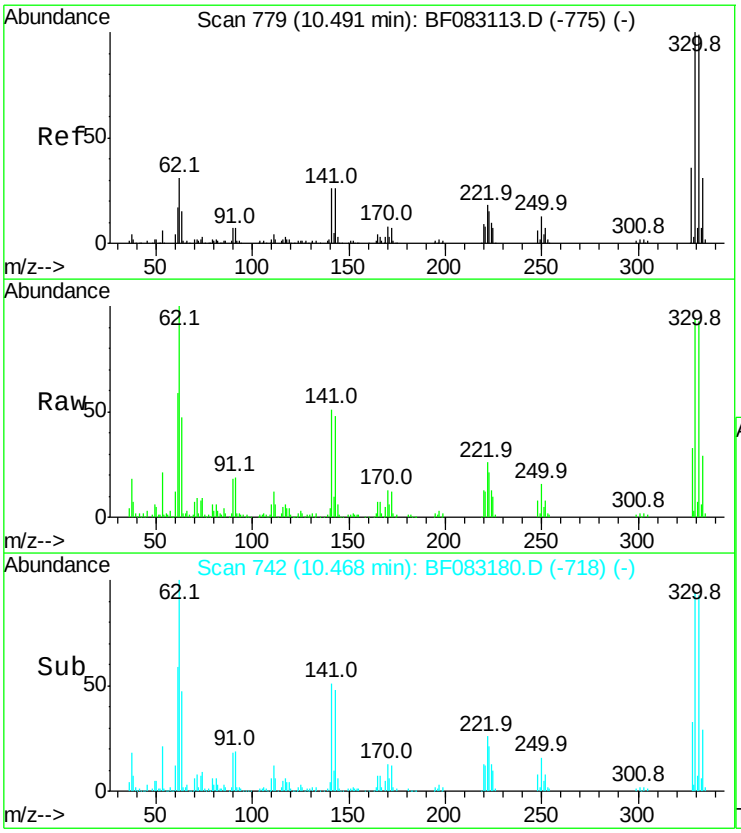
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:164 Resp: 361298

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	42.6	35.6	53.4

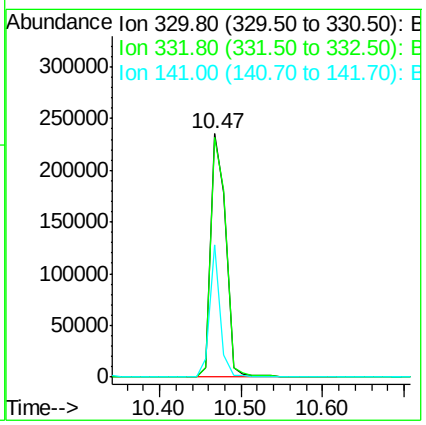


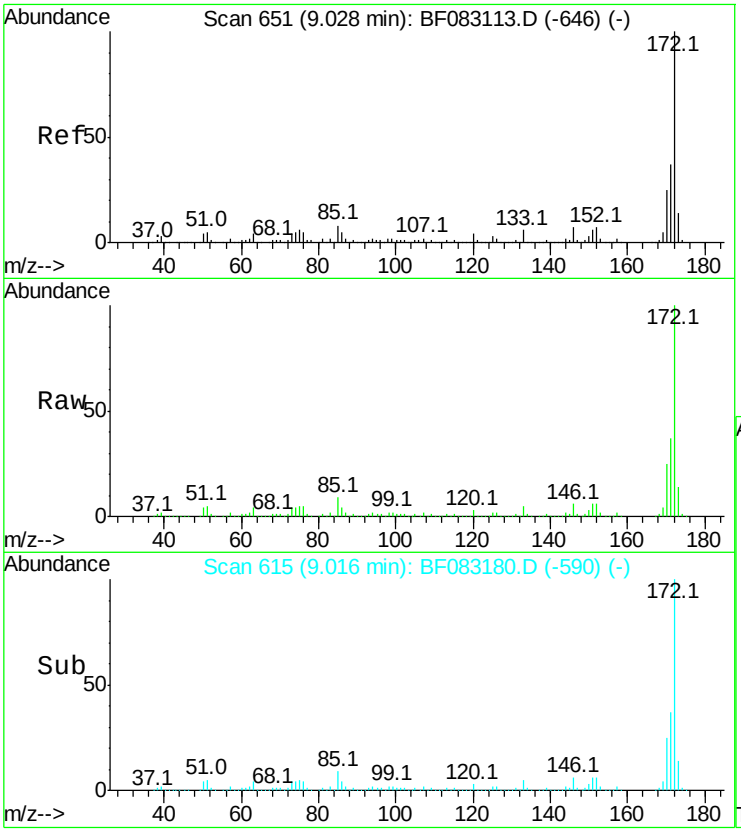


#41
2,4,6-Tribromophenol
Concen: 82.17 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:330 Resp: 303718

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.7	116.5
141	39.7	29.7	44.5



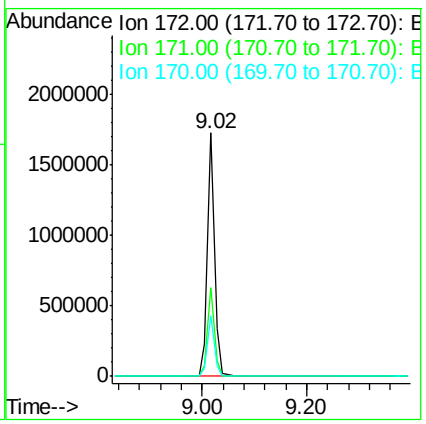


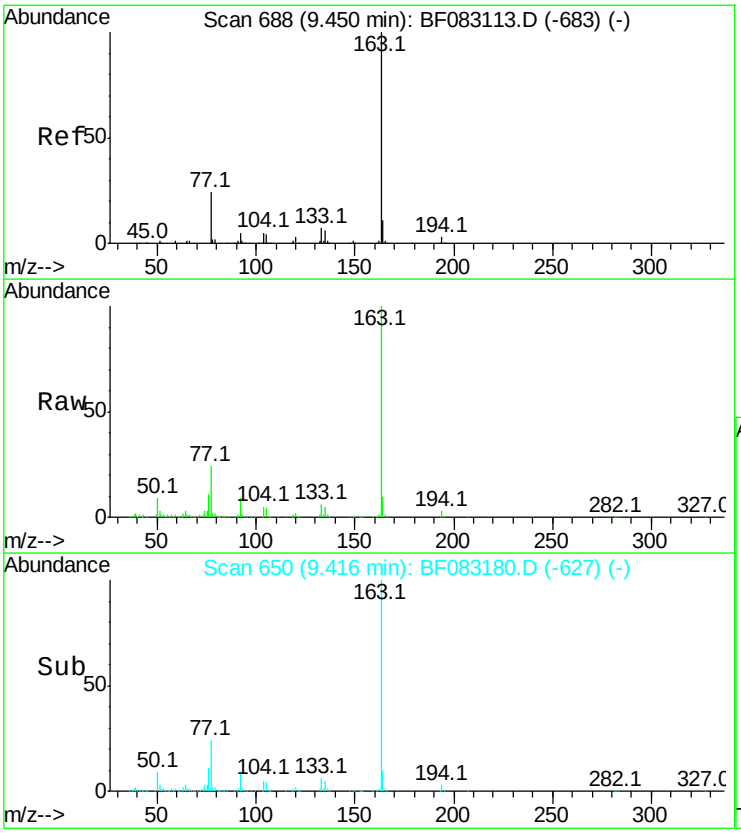
#44
2-Fluorobiphenyl
Concen: 62.32 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:172 Resp: 1614643

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	24.7	19.9	29.9

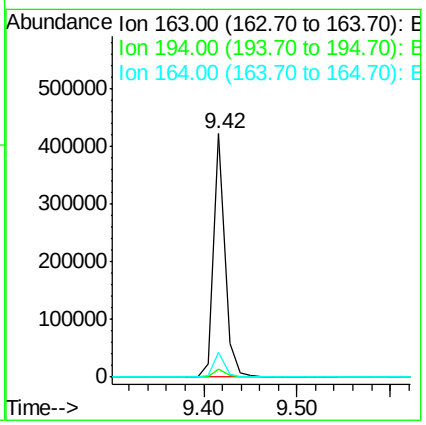


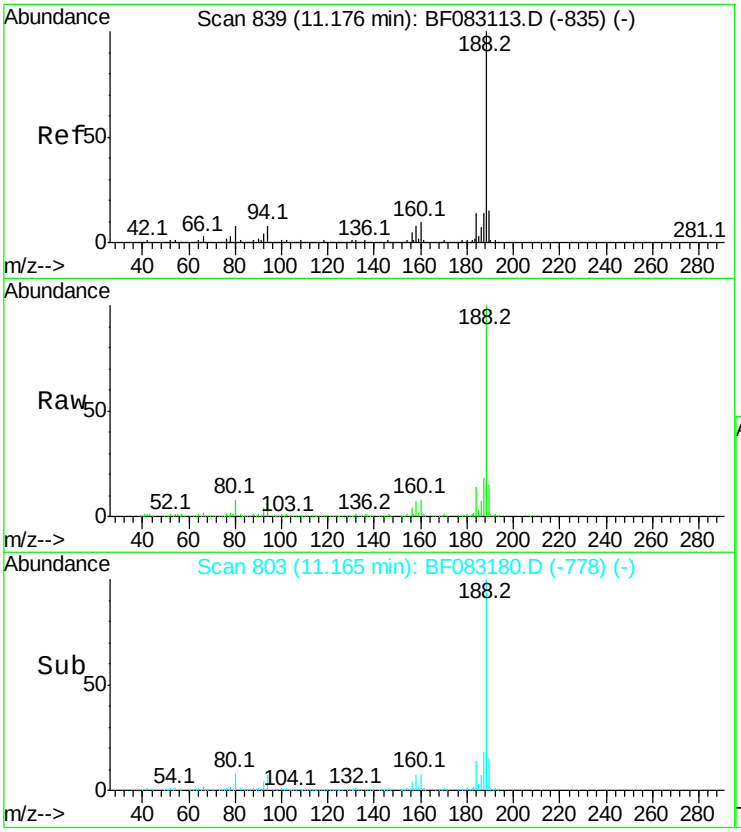


#49
Dimethylphthalate
Concen: 12.83 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:163 Resp: 356750

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.6	12.8



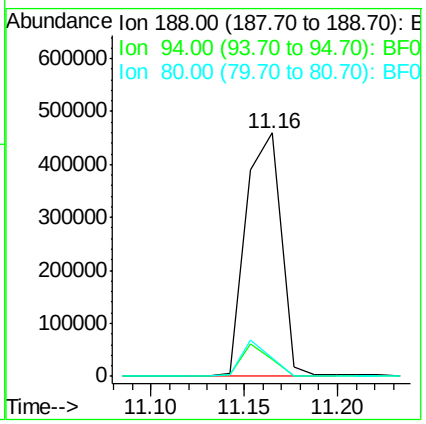


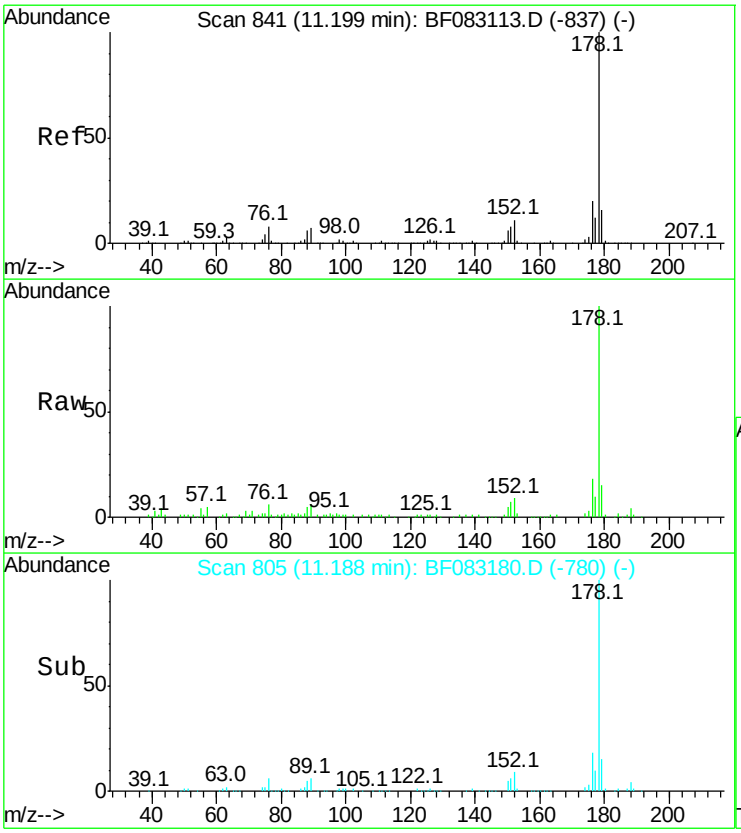
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:188 Resp: 602541

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.0	9.0
80	7.6	6.7	10.1

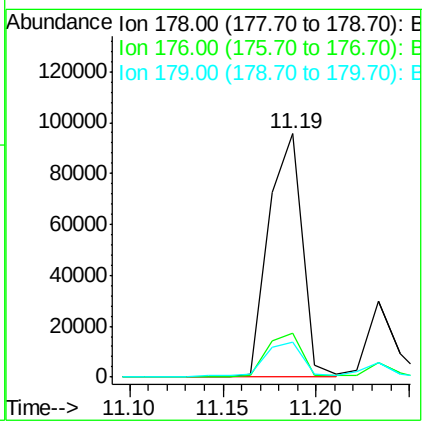


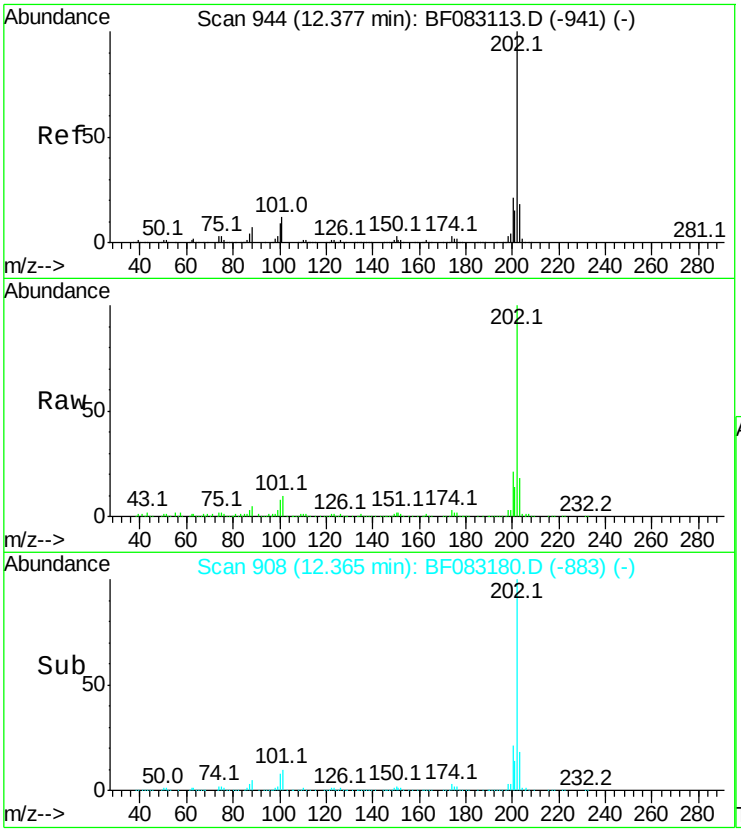


#70
Phenanthrene
Concen: 3.47 ng
RT: 11.19 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:178 Resp: 120535

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.2
179	14.6	12.8	19.2



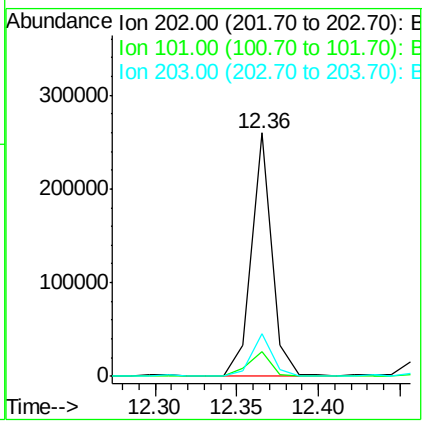


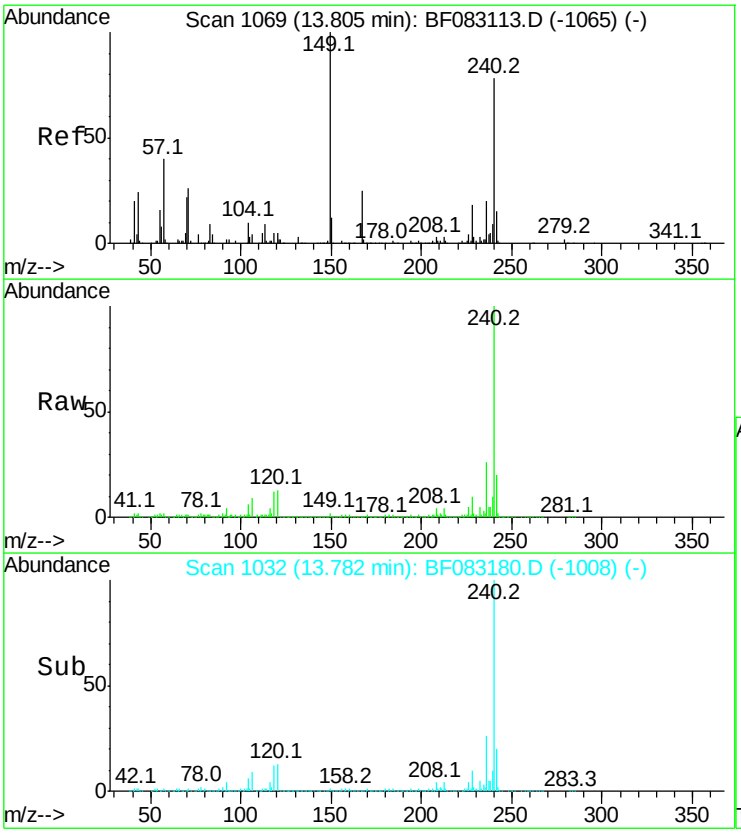
#74
Fluoranthene
Concen: 6.34 ng
RT: 12.36 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:202 Resp: 225138

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.3
203	17.6	0.0	38.4

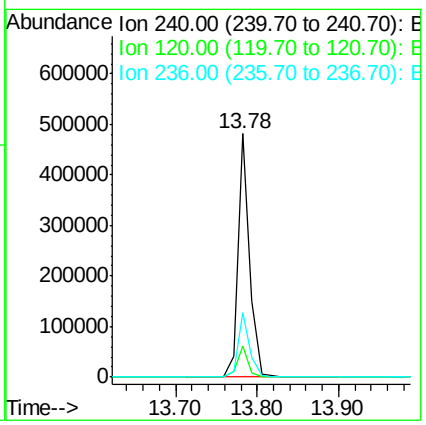


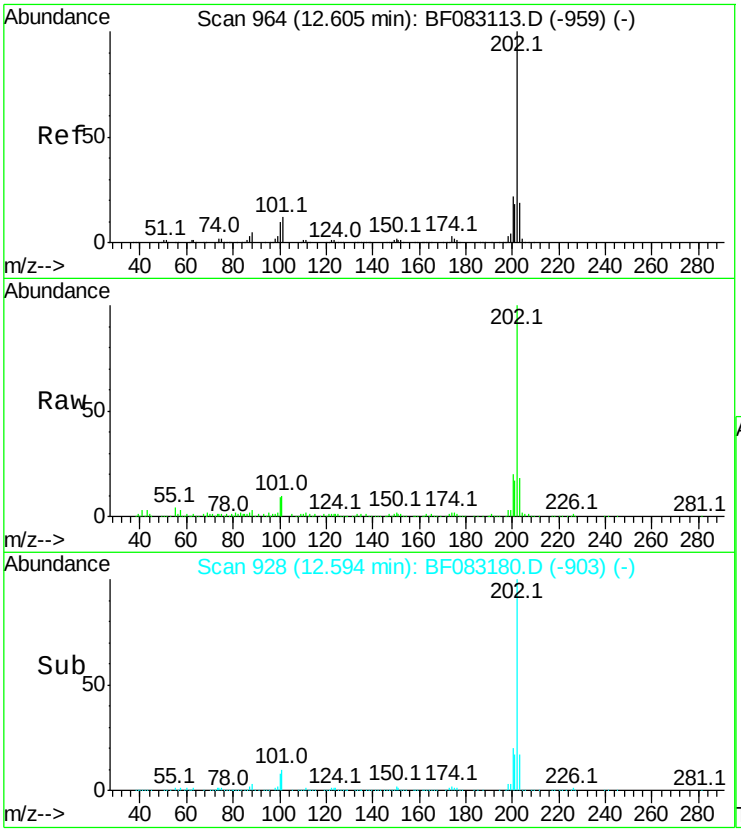


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:240 Resp: 474715

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.4	8.2#
236	26.4	20.6	31.0



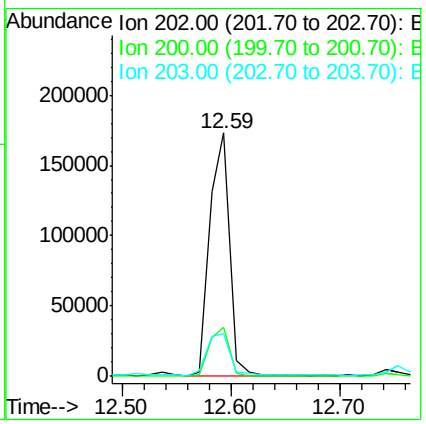


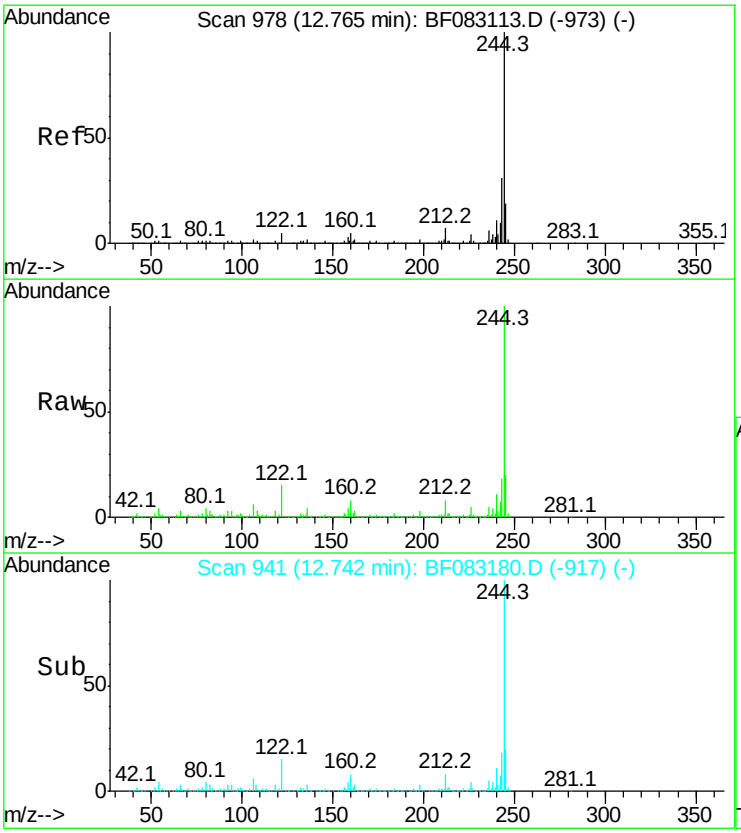
#77
Pyrene
Concen: 6.82 ng
RT: 12.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:202 Resp: 221122

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	17.6	15.0	22.4

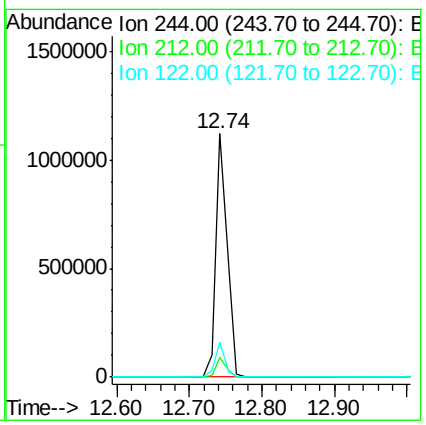


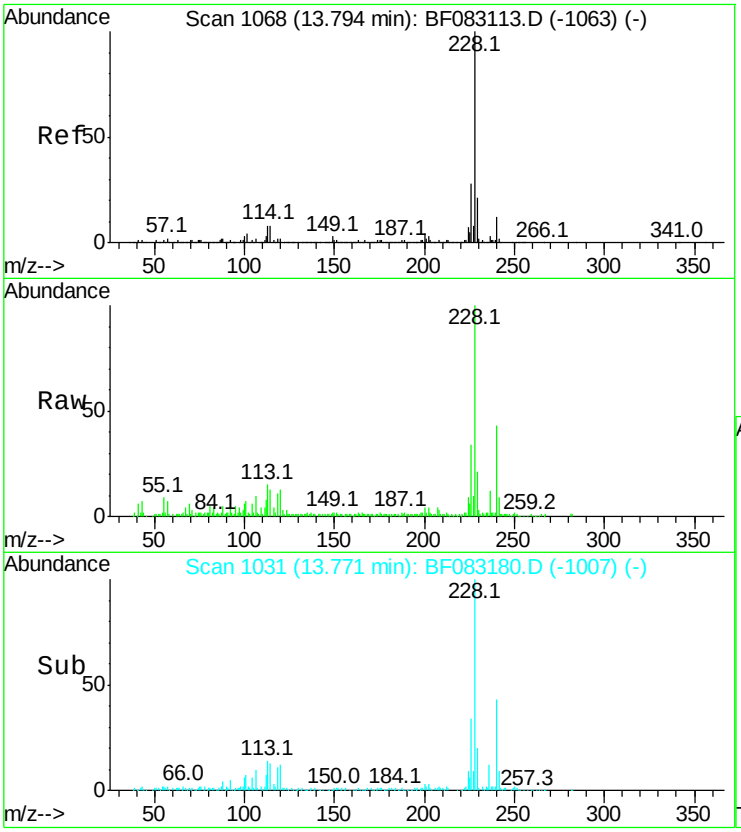


#78
Terphenyl-d14
Concen: 59.97 ng
RT: 12.74 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:244 Resp: 1208868

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.2
122	14.6	4.3	6.5#



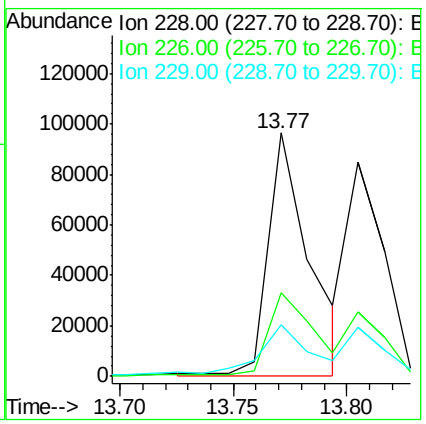


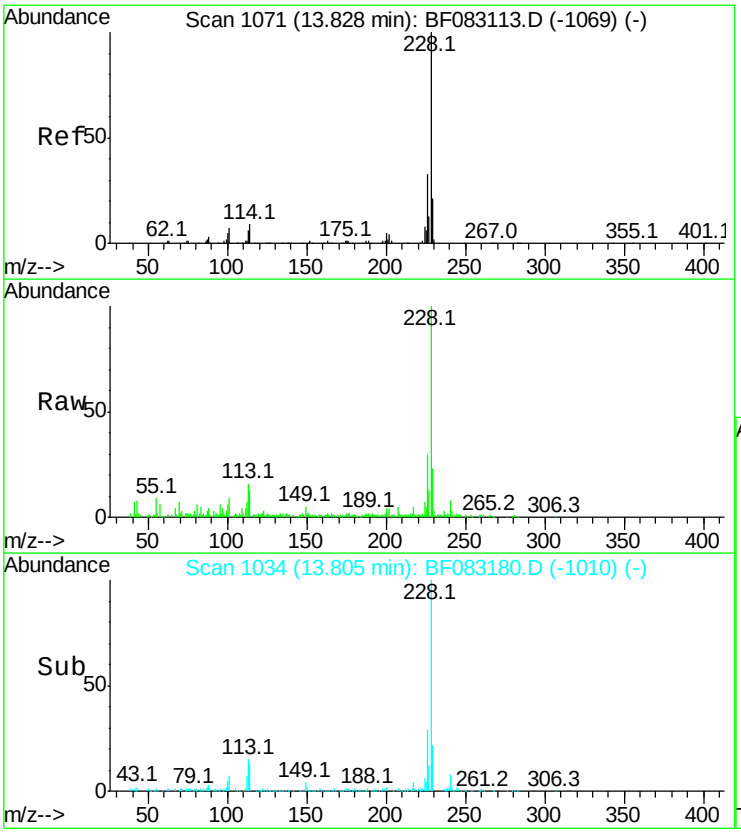
#80
Benzo(a)anthracene
Concen: 4.16 ng m
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:228 Resp: 122032

Ion	Ratio	Lower	Upper
228	100		
226	34.3	22.6	33.8#
229	21.4	16.6	24.8

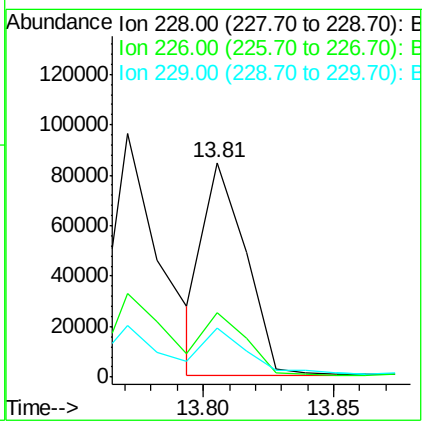


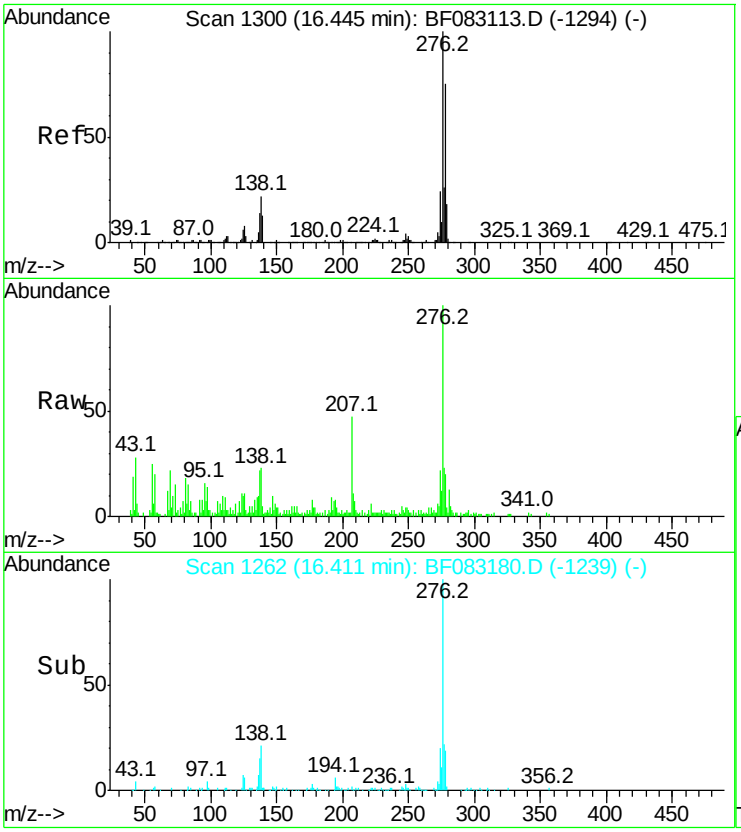


#82
Chrysene
Concen: 3.46 ng
RT: 13.81 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:228 Resp: 94137

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.5	38.3
229	22.9	16.6	25.0



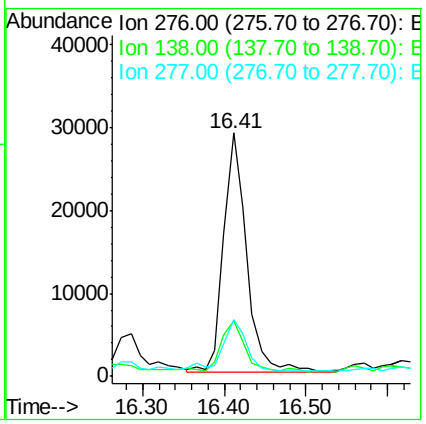


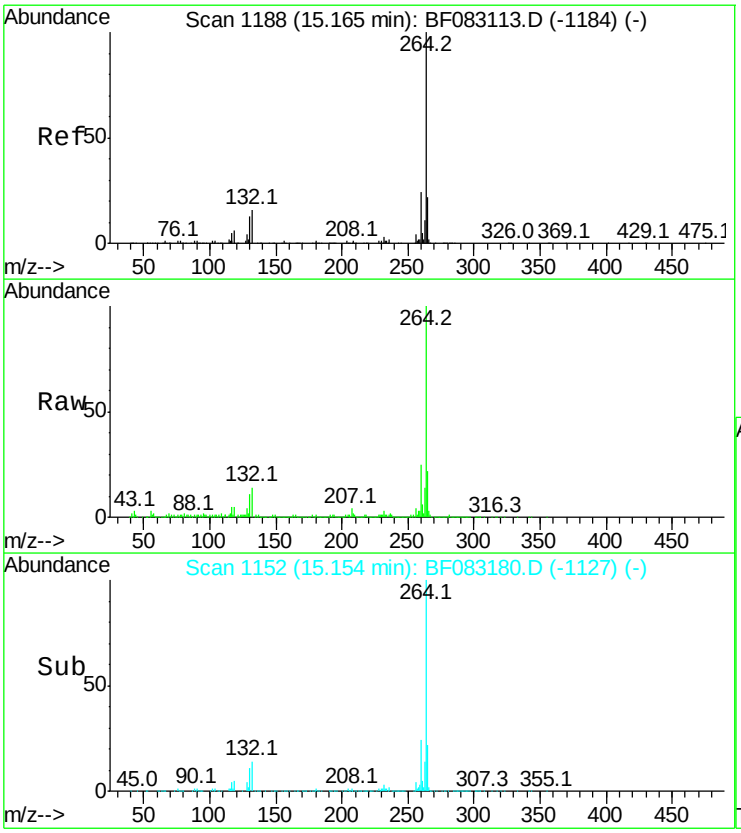
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.28 ng
RT: 16.41 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:276 Resp: 56420

Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.0	27.0
277	24.0	20.2	30.4

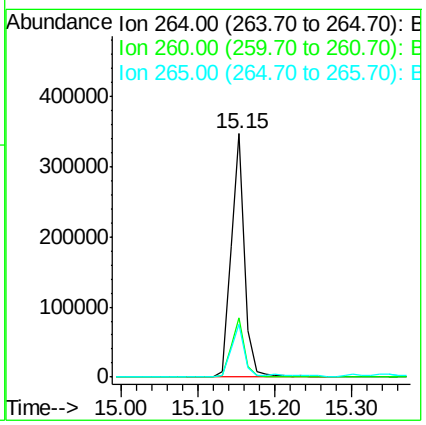


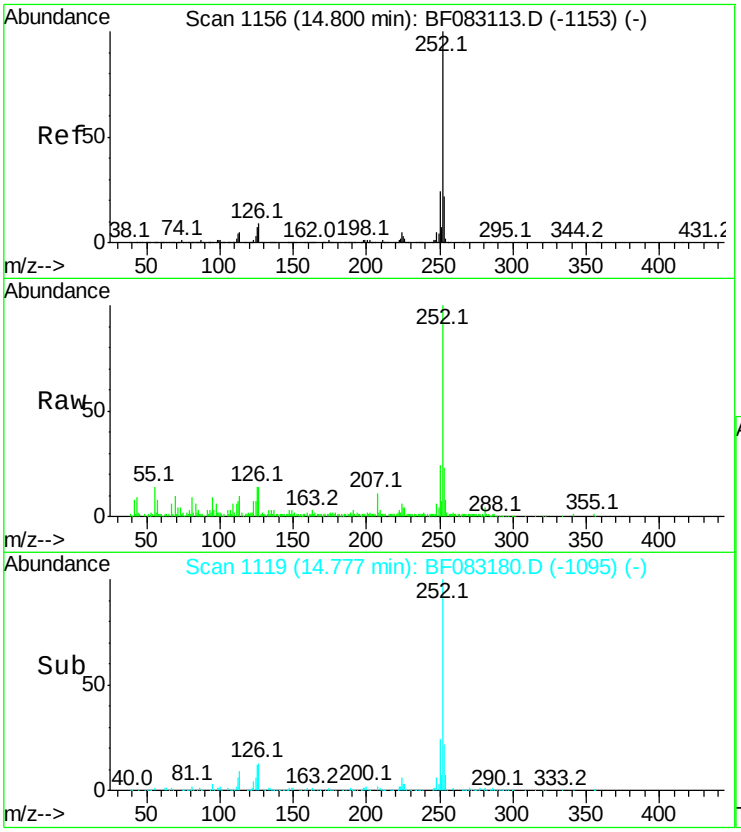


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:264 Resp: 432809

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	22.0	18.2	27.4



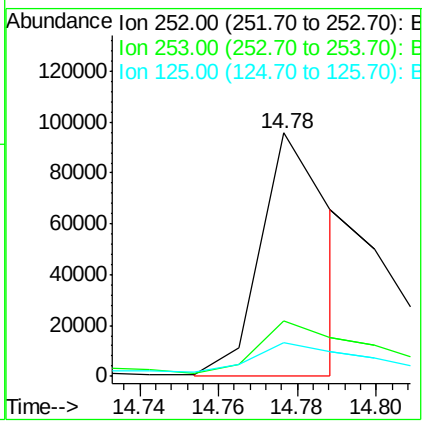


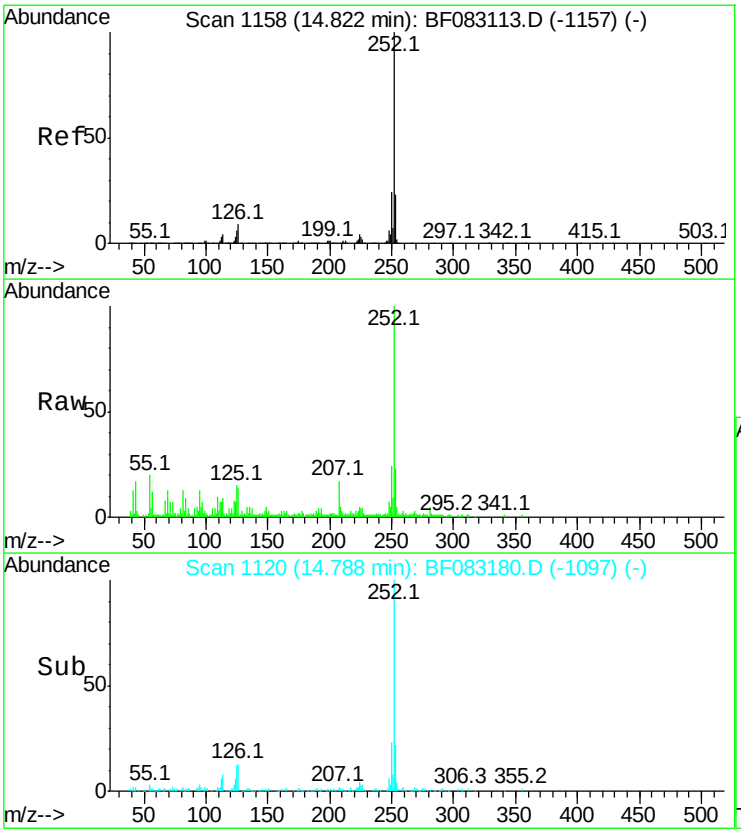
#87
Benzo(b)fluoranthene
Concen: 4.00 ng m
RT: 14.78 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:252 Resp: 118260

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	13.9	5.6	8.4#

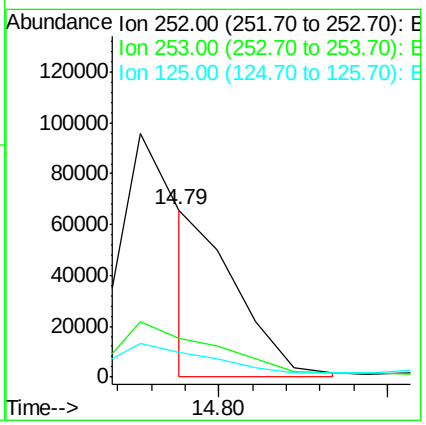


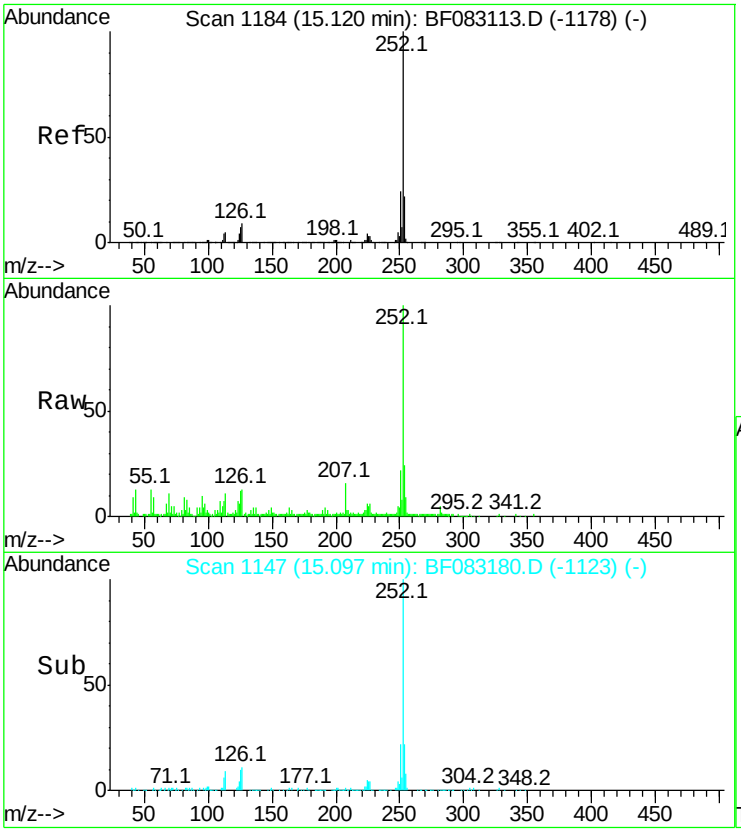


#88
Benzo(k)fluoranthene
Concen: 2.39 ng m
RT: 14.79 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:252 Resp: 52682

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	15.0	6.8	10.2#



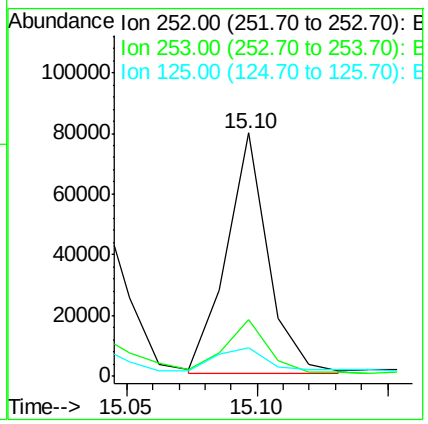


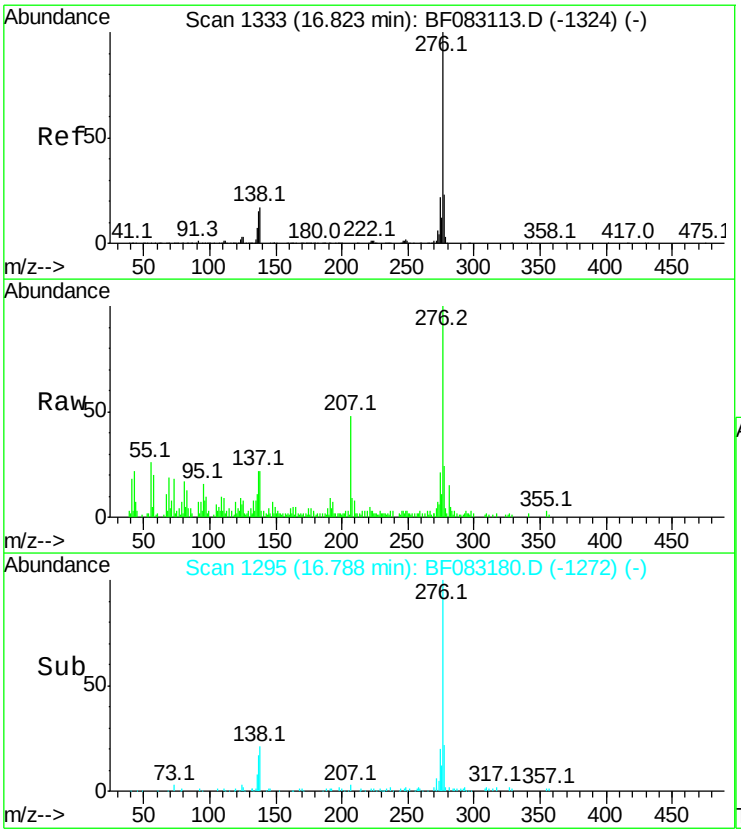
#89
Benzo(a)pyrene
Concen: 3.62 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Tgt Ion:252 Resp: 88284

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	11.8	5.4	8.0#





#91
Benzo(g,h,i)perylene
Concen: 2.52 ng
RT: 16.79 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF083180.D
Acq: 23 Nov 2015 1:35

Tgt Ion:276 Resp: 54474

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	22.3	13.9	20.9#