Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091681.D
Acq On : 16 Dec 2016 19:09
Operator : UM/SJ
Sample : H6099-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS02-1FT

Quant Time: Dec 16 23:22:33 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	179166	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	1071737	20.00	ng		-0.02
38) Acenaphthene-d10	9.81	164	496484	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	956660	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	474152	20.00	ng		-0.02
86) Perylene-d12	15.32	264	583267	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1432875	134.74	ng		0.00
7) Phenol-d6	6.42	99	1801233	135.86	ng		-0.01
23) Nitrobenzene-d5	7.33	82	1577102	82.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	677627	164.32	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	2371887	82.55	ng		-0.01
78) Terphenyl-d14	12.88	244	1619658	77.51	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.43	94	136919	8.83	ng		82
49) Dimethylphthalate	9.53	163	244418	7.77	ng	#	98

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument :
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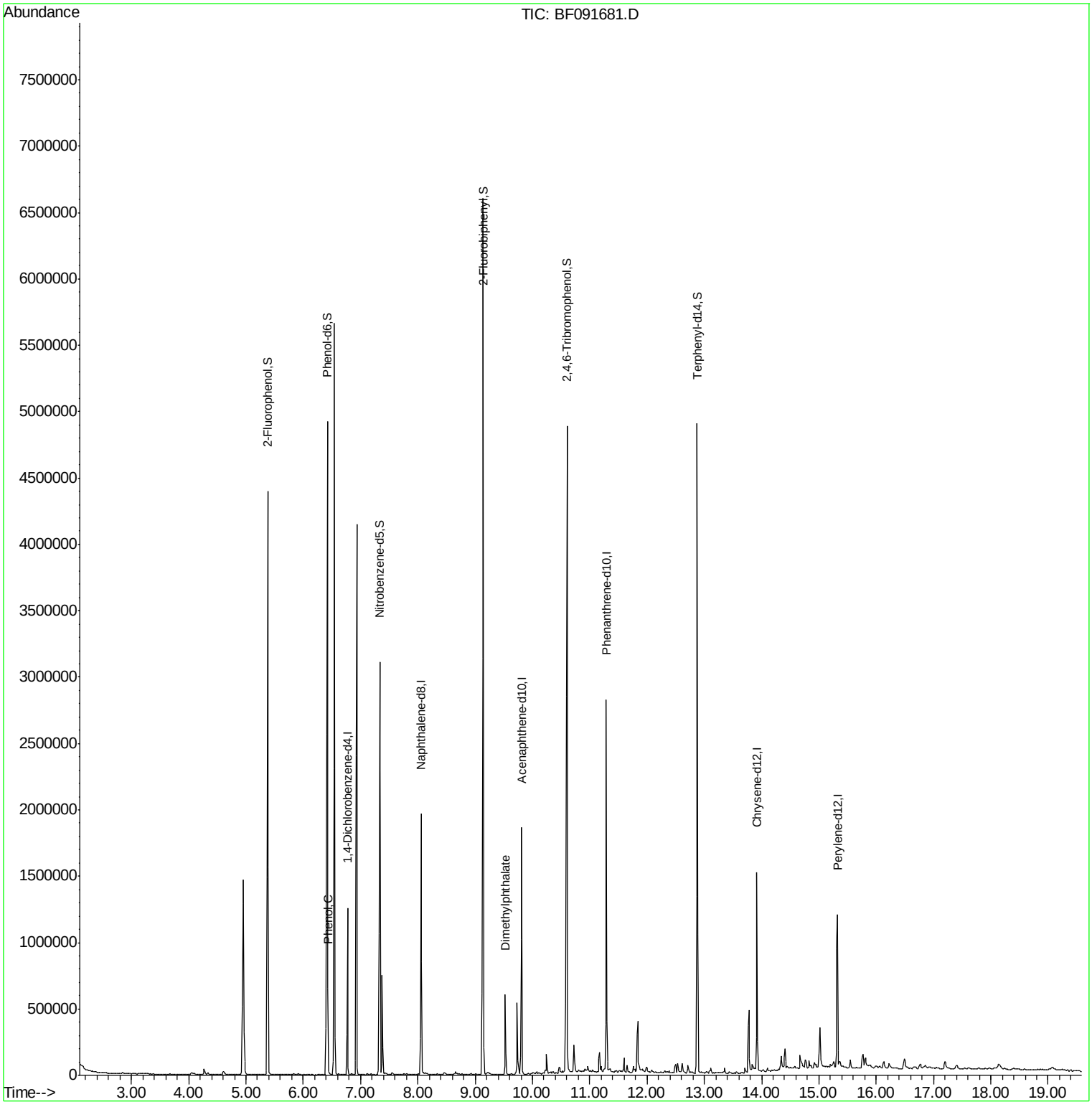
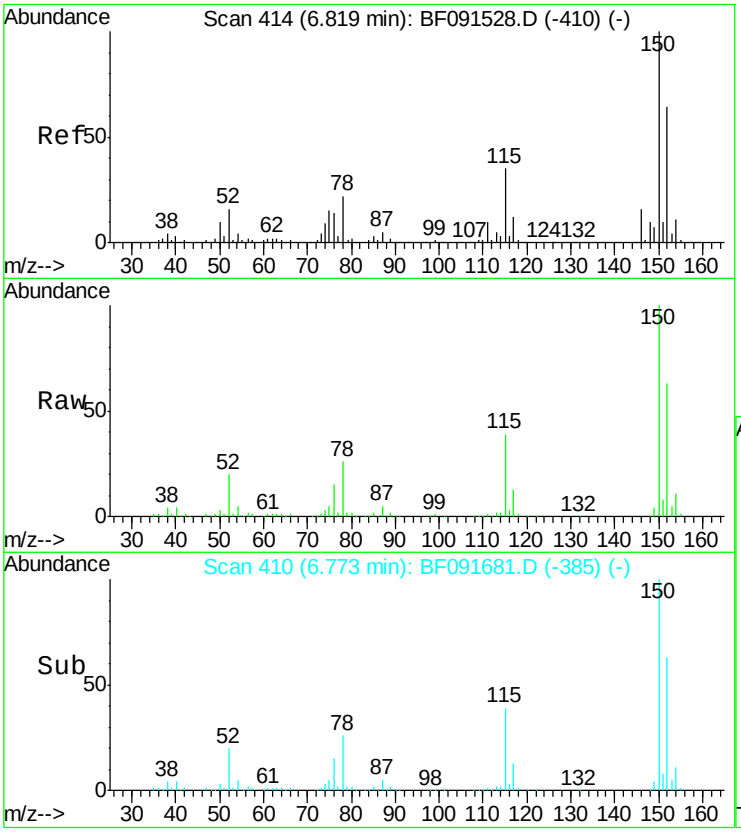


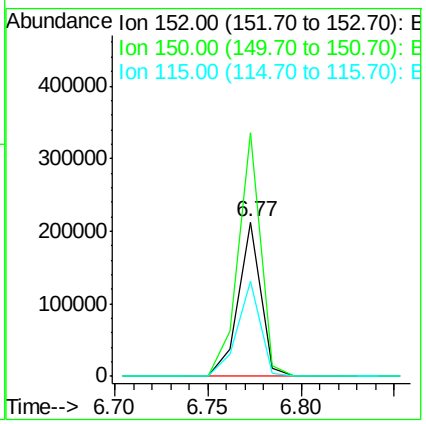


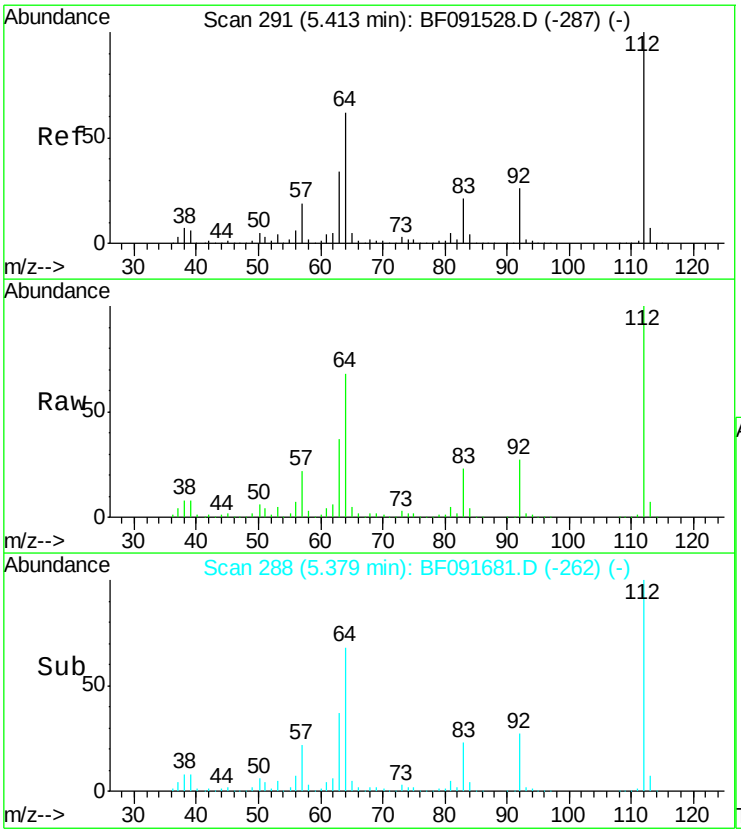
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tgt Ion:152 Resp: 179166

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.5	183.7
115	61.9	51.8	77.8

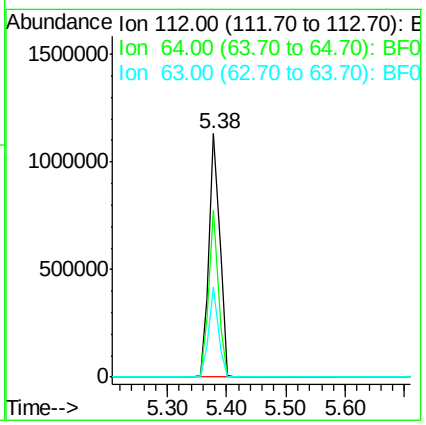


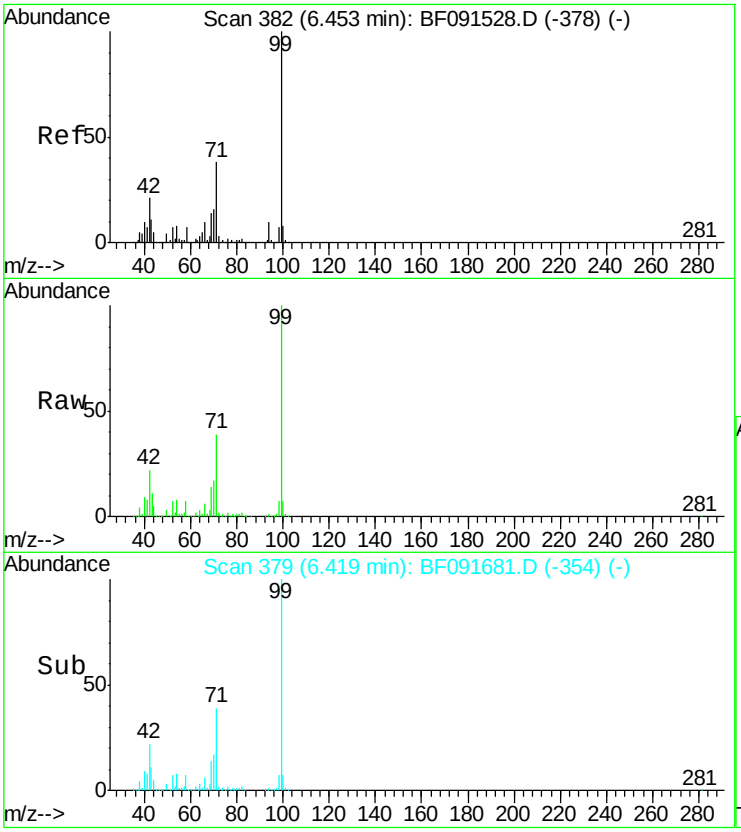


#5
2-Fluorophenol
Concen: 134.74 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion:112 Resp: 1432875

Ion	Ratio	Lower	Upper
112	100		
64	68.5	61.5	92.3
63	36.9	33.3	49.9



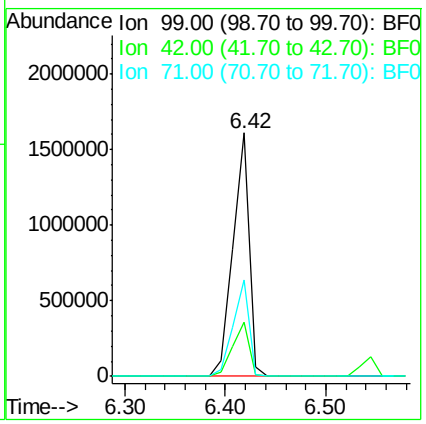


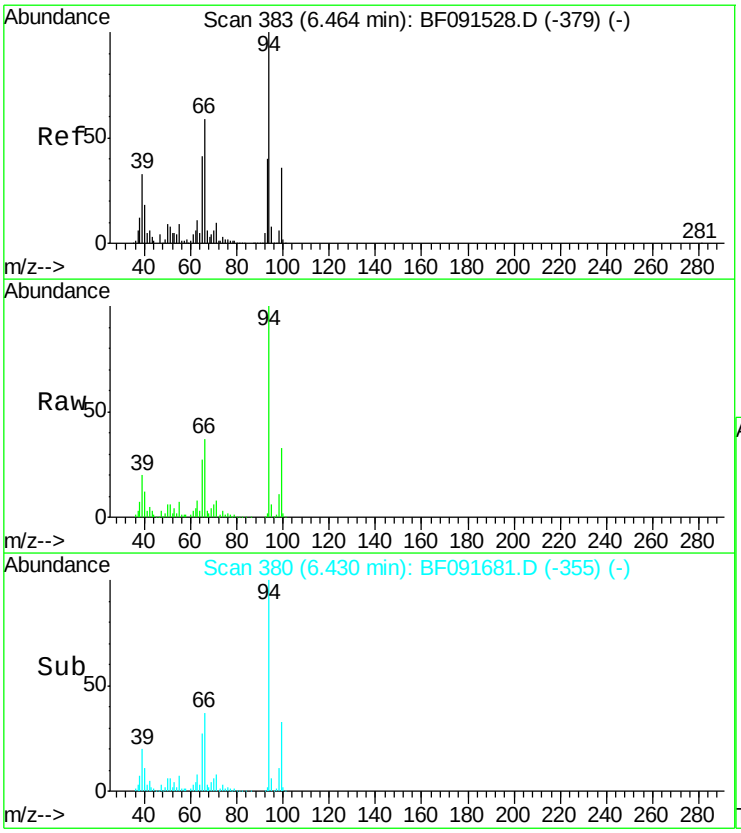
#7
Phenol-d6
Concen: 135.86 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tgt Ion: 99 Resp: 1801233

Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.6	31.0
71	39.4	29.9	44.9

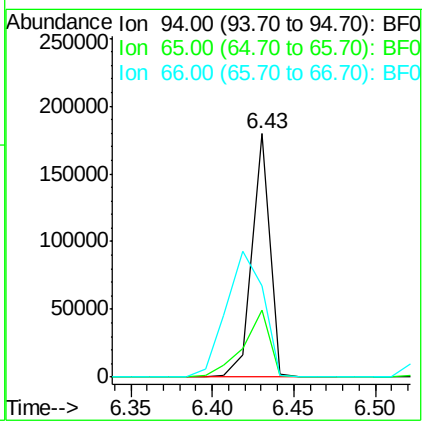


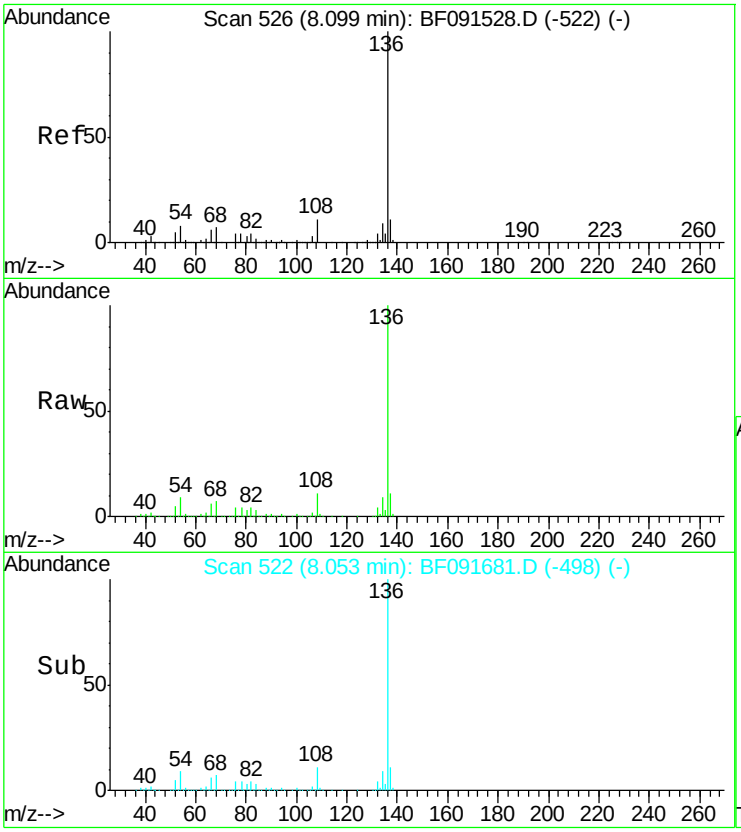


#10
Phenol
Concen: 8.83 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion: 94 Resp: 136919

Ion	Ratio	Lower	Upper
94	100		
65	27.3	16.9	56.9
66	37.4	30.6	70.6



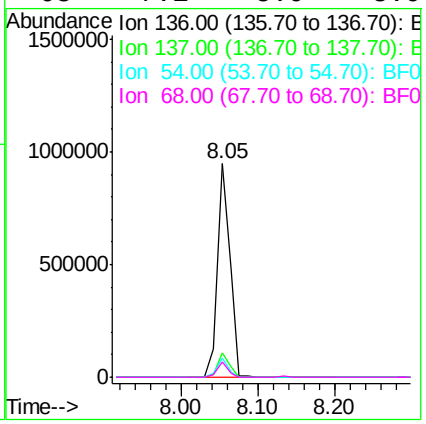


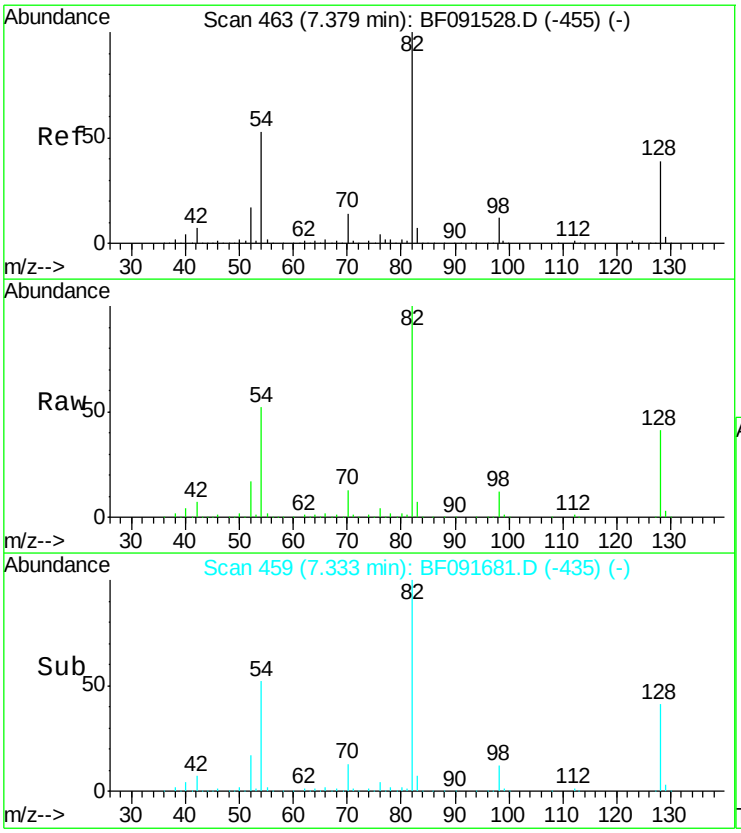
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tgt Ion:136 Resp: 1071737

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	9.1	13.7
68	7.1	5.9	8.9

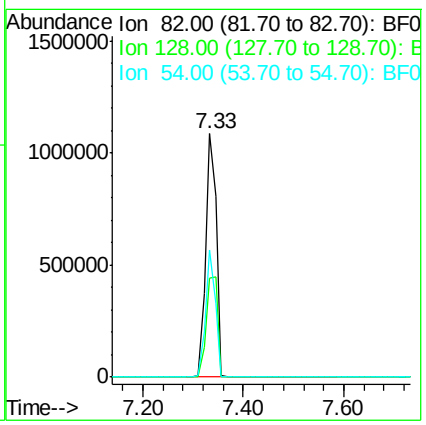


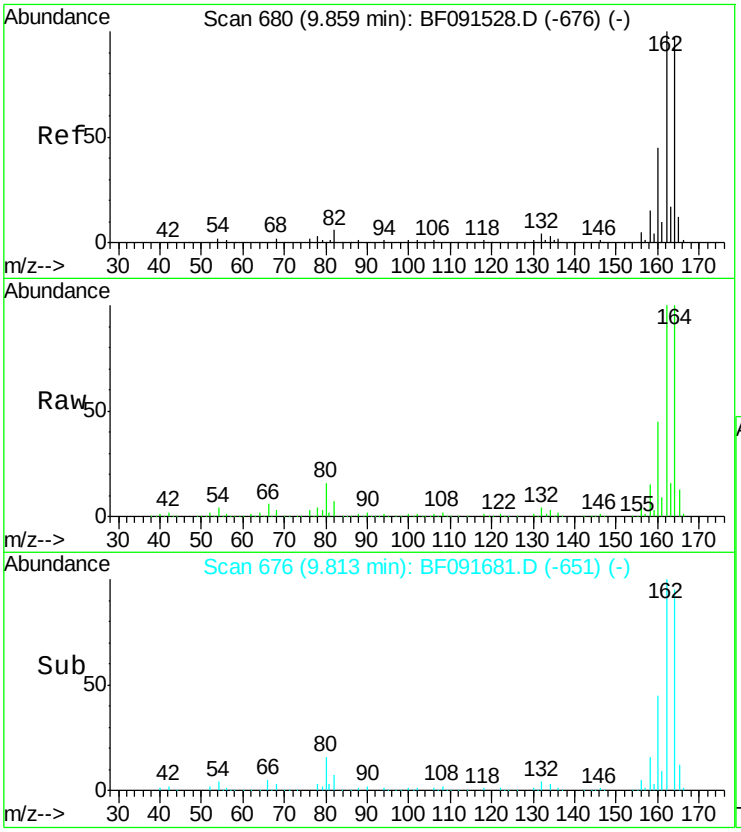


#23
Nitrobenzene-d5
Concen: 82.13 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion: 82 Resp: 1577102

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	52.3	49.1	73.7



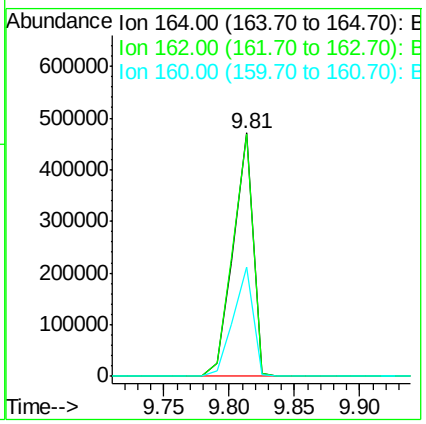


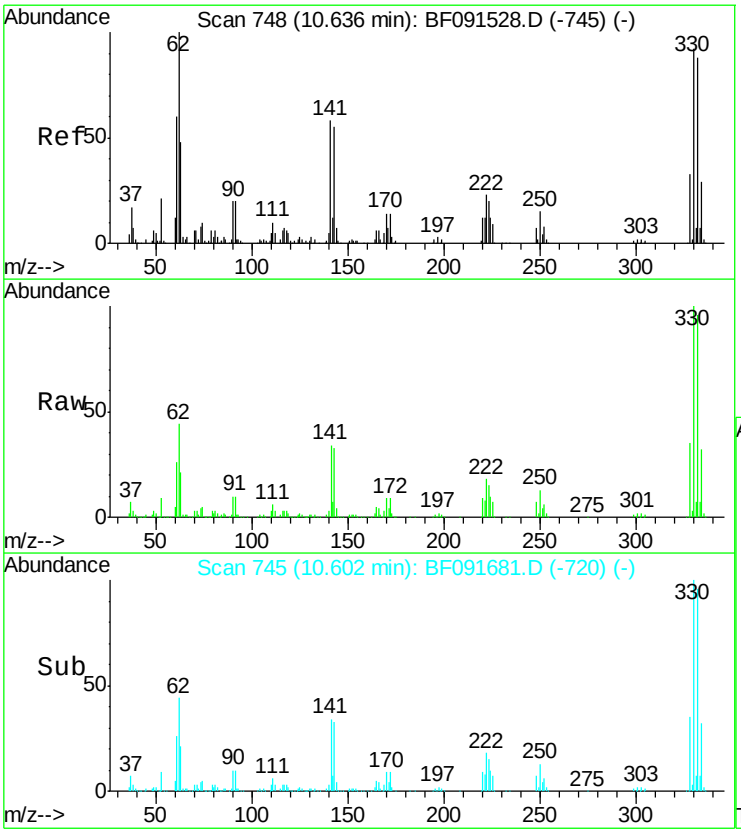
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tgt Ion:164 Resp: 496484

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	124.0
160	44.8	36.7	55.1

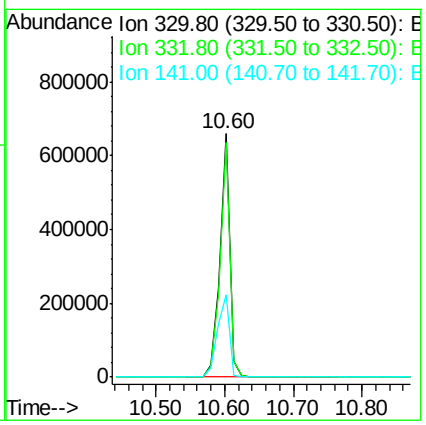


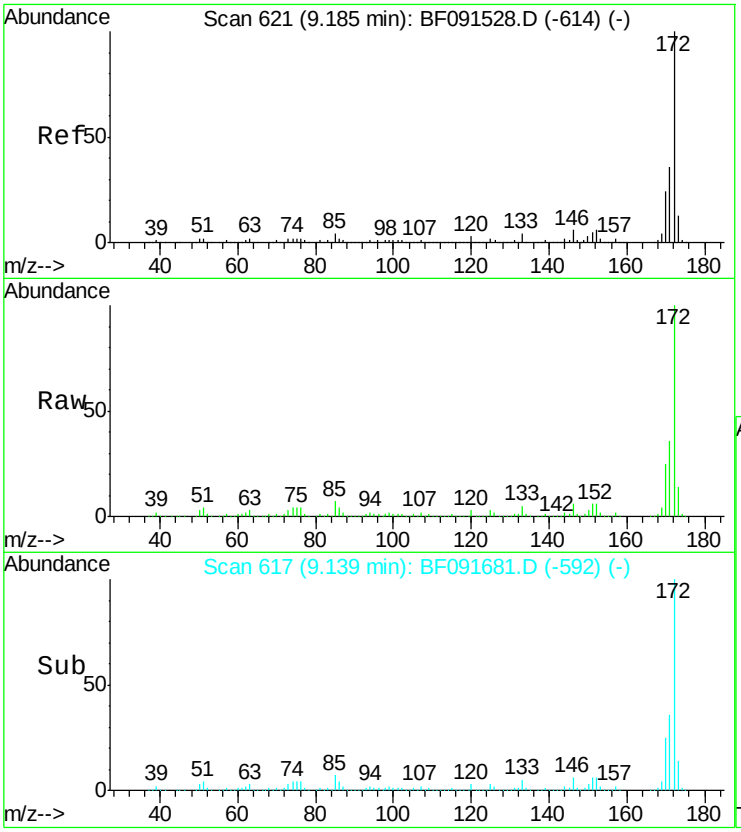


#41
2,4,6-Tribromophenol
Concen: 164.32 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion:330 Resp: 677627

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	40.6	33.6	50.4



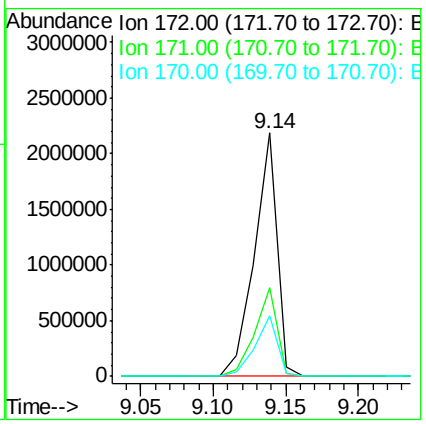


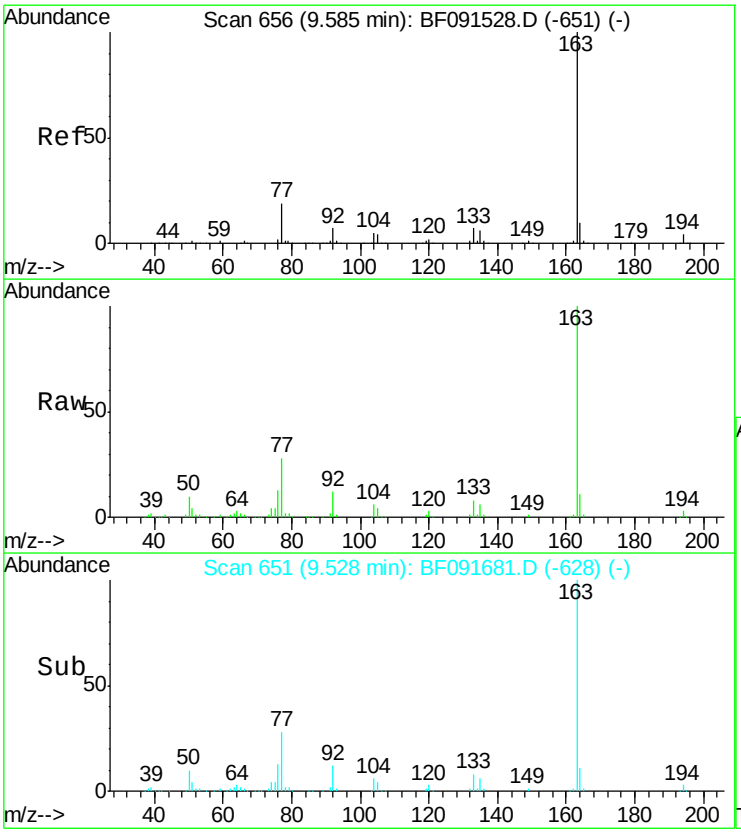
#44
2-Fluorobiphenyl
Concen: 82.55 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tgt Ion:172 Resp: 2371887

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.8	19.7	29.5

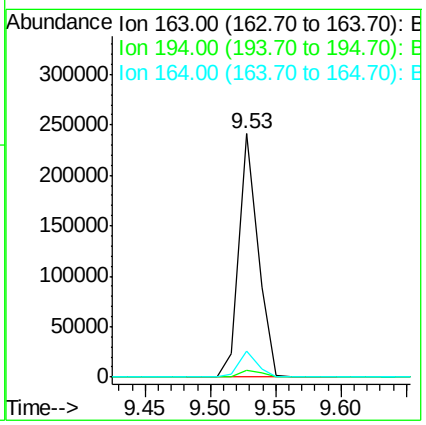


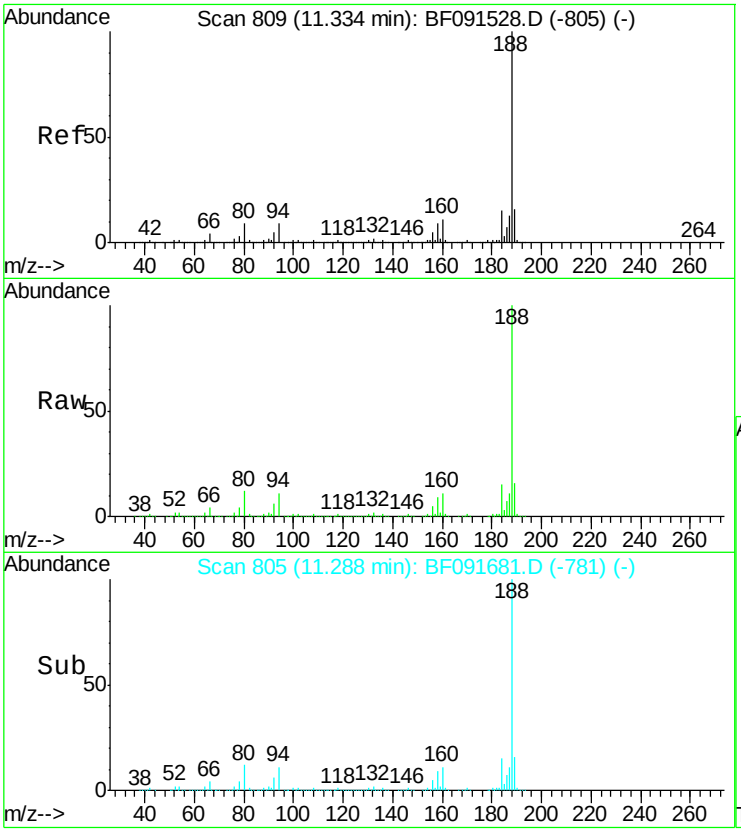


#49
Dimethylphthalate
Concen: 7.77 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion:163 Resp: 244418

Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.0	4.4#
164	10.6	7.8	11.8



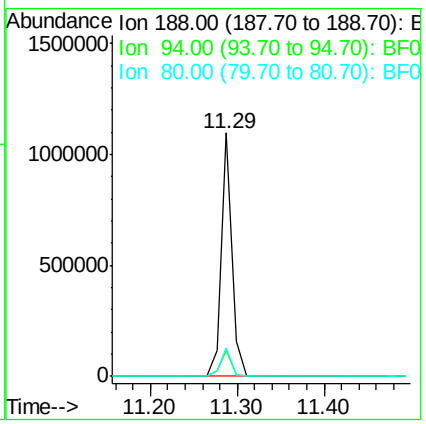


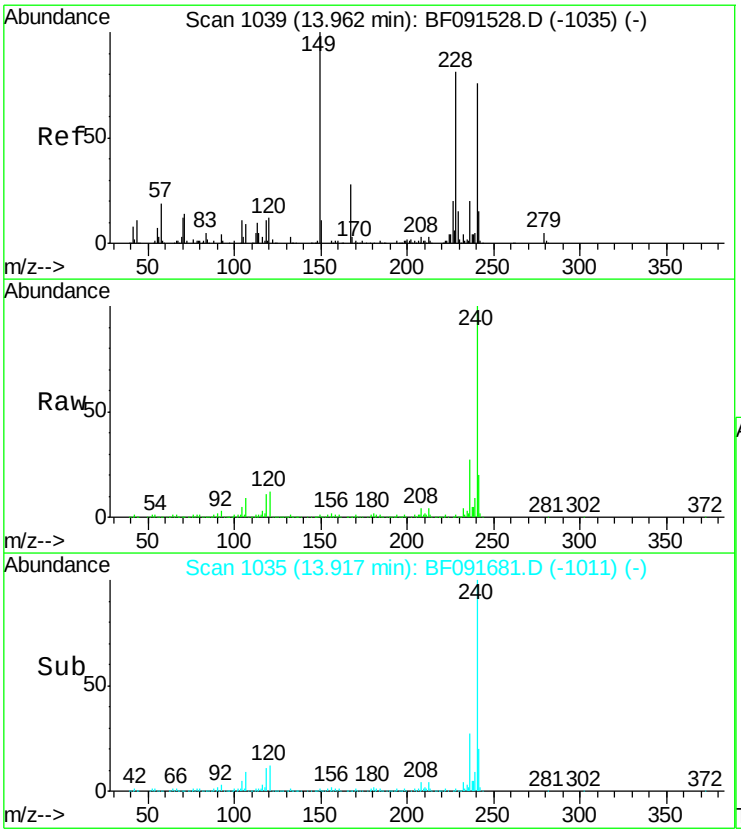
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tgt Ion:188 Resp: 956660

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.2	13.8
80	12.0	10.5	15.7

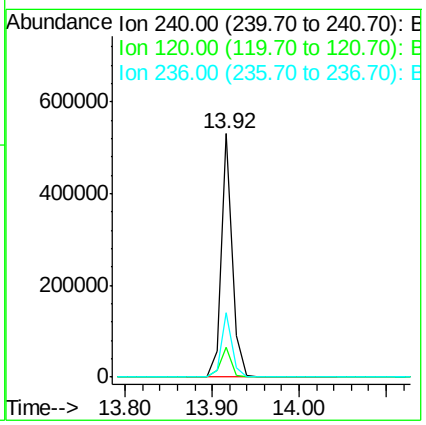


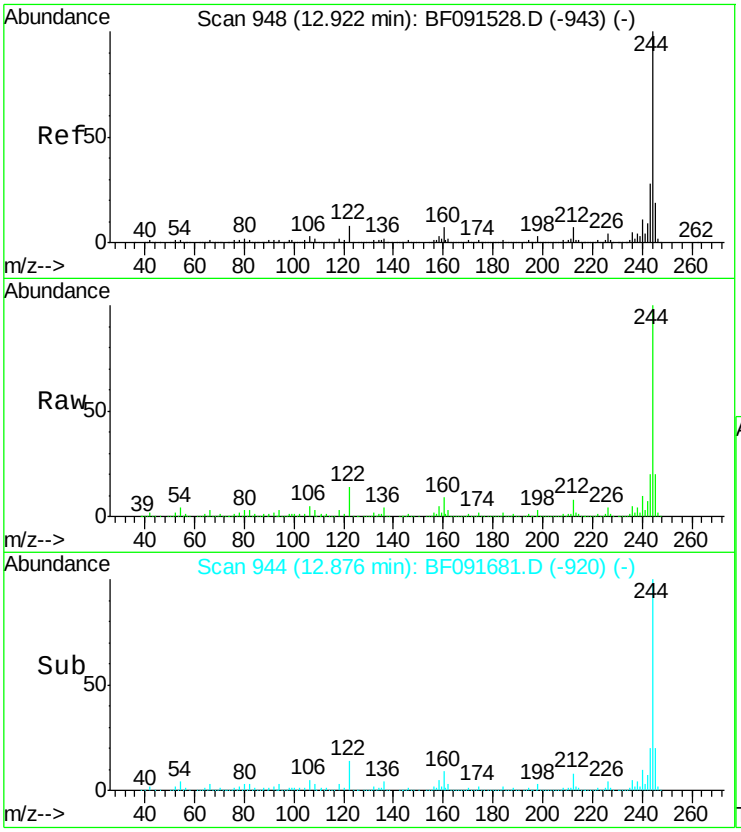


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion:240 Resp: 474152

Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.1	18.1
236	26.6	21.0	31.6



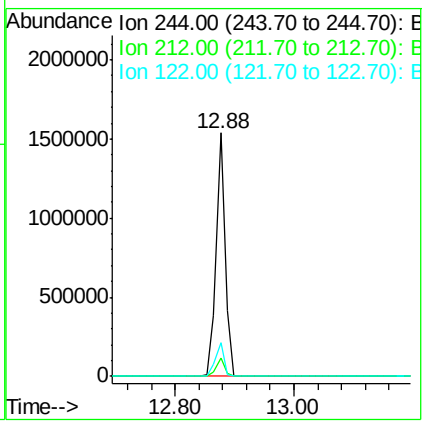


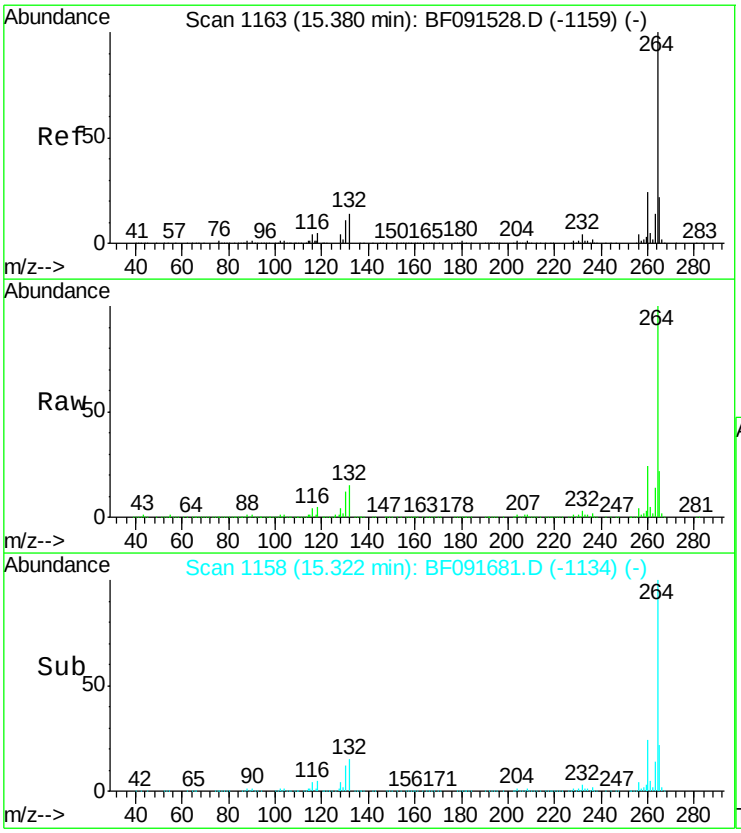
#78
Terphenyl-d14
Concen: 77.51 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tgt Ion:244 Resp: 1619658

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	13.7	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: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion:264 Resp: 583267

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.8	17.0	25.6