Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091691.D
Acq On : 16 Dec 2016 23:45
Operator : UM/SJ
Sample : H6121-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-01-13

Quant Time: Dec 17 04:11:34 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	233820	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	591611	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	474199	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	664863	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	521711	20.00	ng	-0.02
86) Perylene-d12	15.32	264	258840	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1965956	141.65	ng	0.00
7) Phenol-d6	6.42	99	2210390	127.75	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1461998	137.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	482703	122.56	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2208405	80.47	ng	-0.01
78) Terphenyl-d14	12.88	244	1649207	71.73	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.43	94	132719	6.56	ng	97
49) Dimethylphthalate	9.53	163	257884	8.59	ng	98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091691.D
Acq On : 16 Dec 2016 23:45
Operator : UM/SJ
Sample : H6121-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-01-13

Quant Time: Dec 17 04:11:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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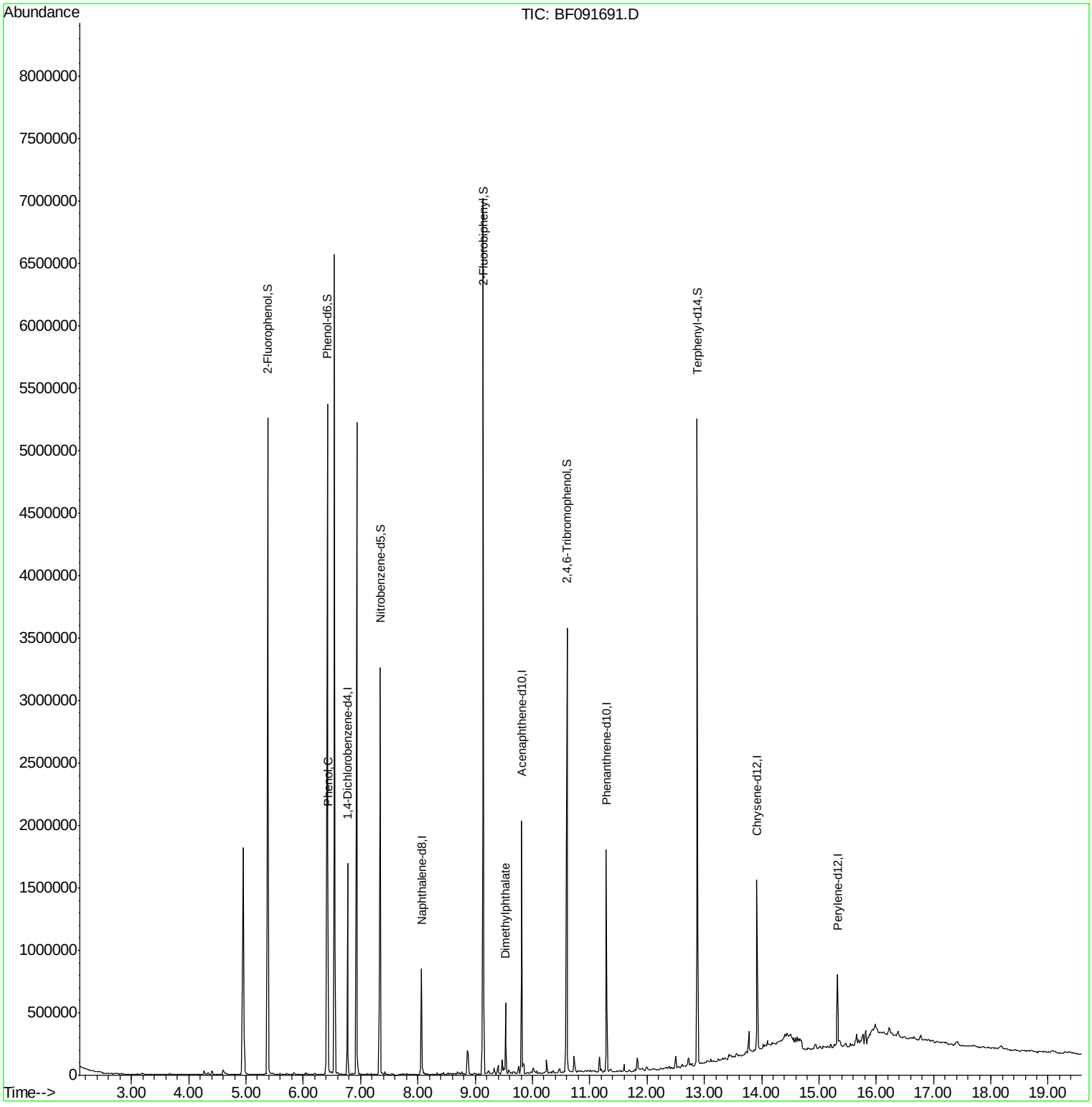
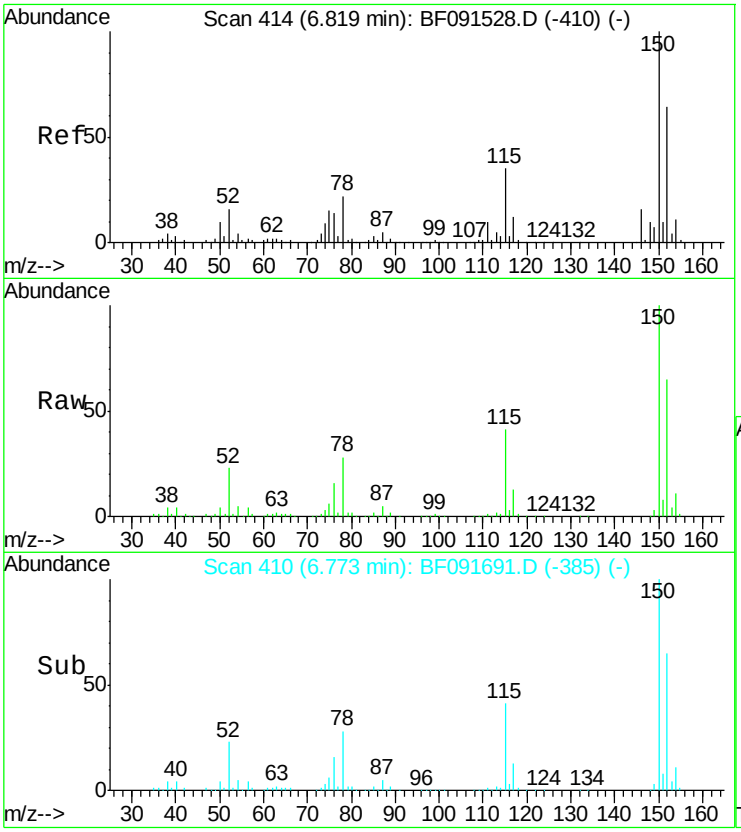


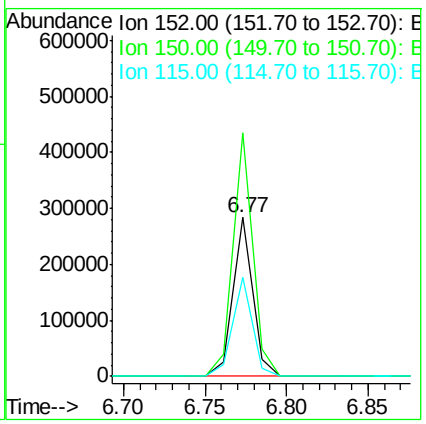


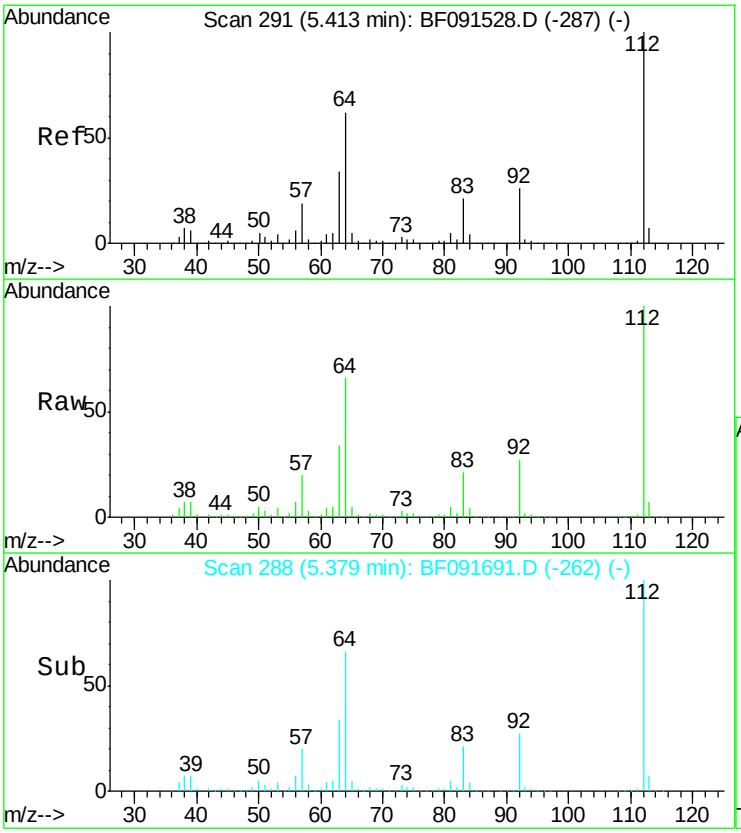
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Instrument :
BNA_F
ClientSampleId :
EP-01-13

Tgt Ion:152 Resp: 233820

Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.5	183.7
115	62.0	51.8	77.8

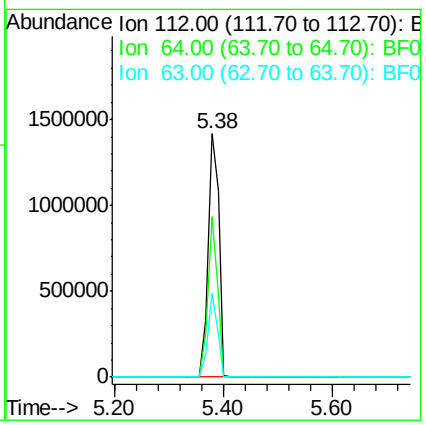


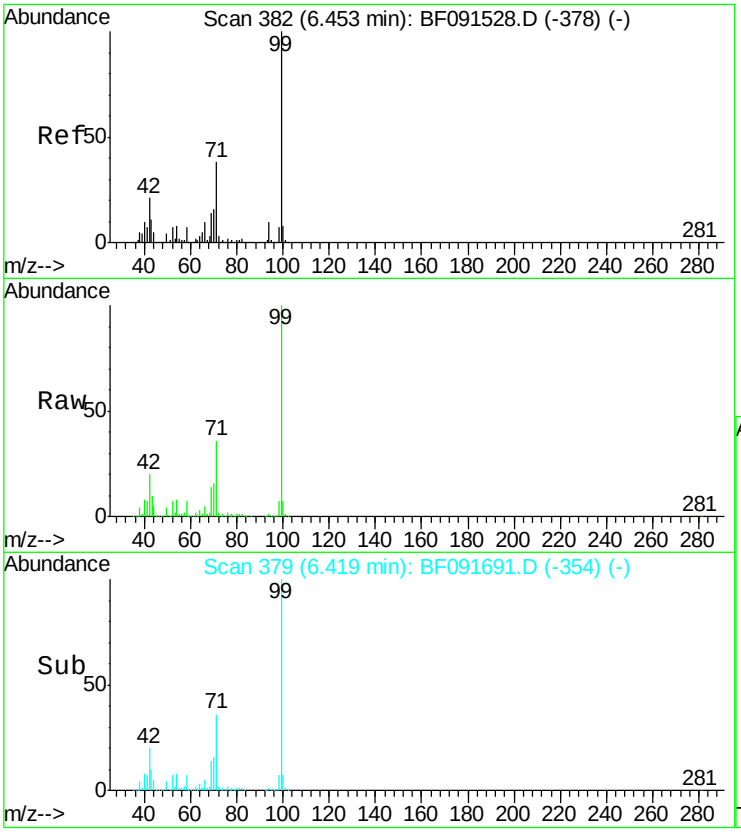


#5
2-Fluorophenol
Concen: 141.65 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Tgt Ion:112 Resp: 1965956

Ion	Ratio	Lower	Upper
112	100		
64	65.8	61.5	92.3
63	34.3	33.3	49.9



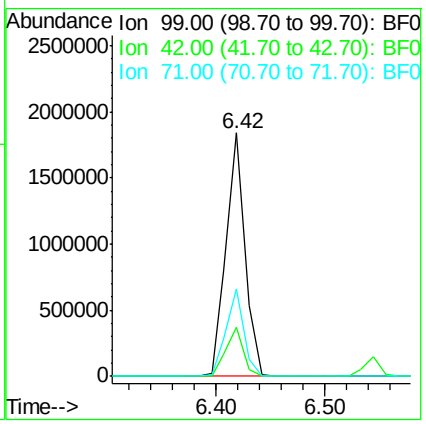


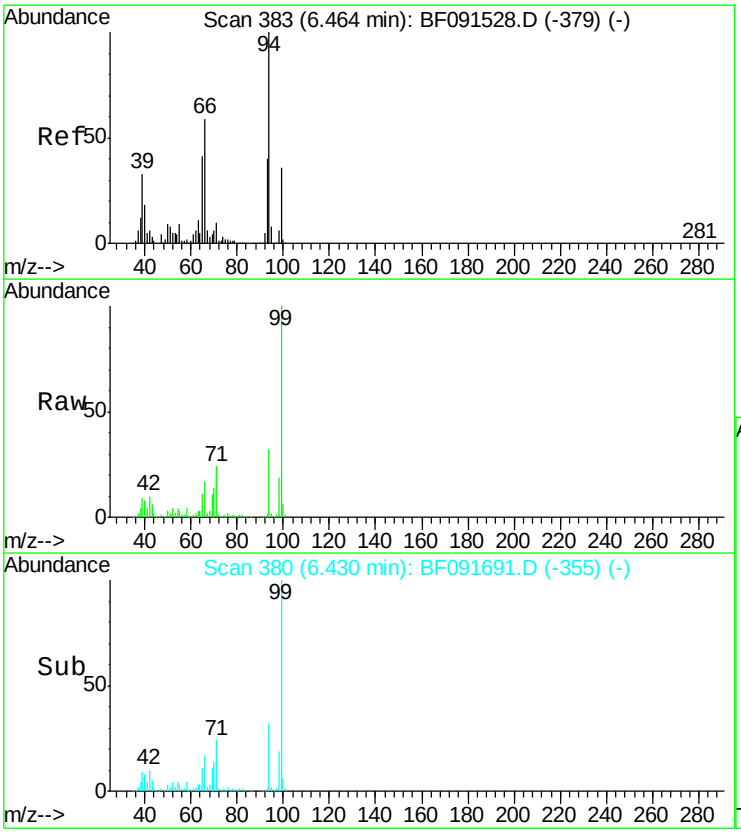
#7
Phenol-d6
Concen: 127.75 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Instrument :
BNA_F
ClientSampleId :
EP-01-13

Tgt Ion: 99 Resp: 2210390

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.6	31.0#
71	35.7	29.9	44.9

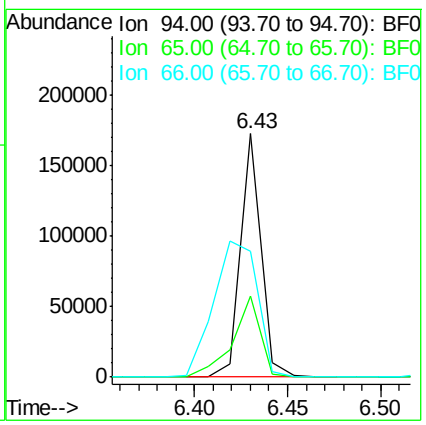


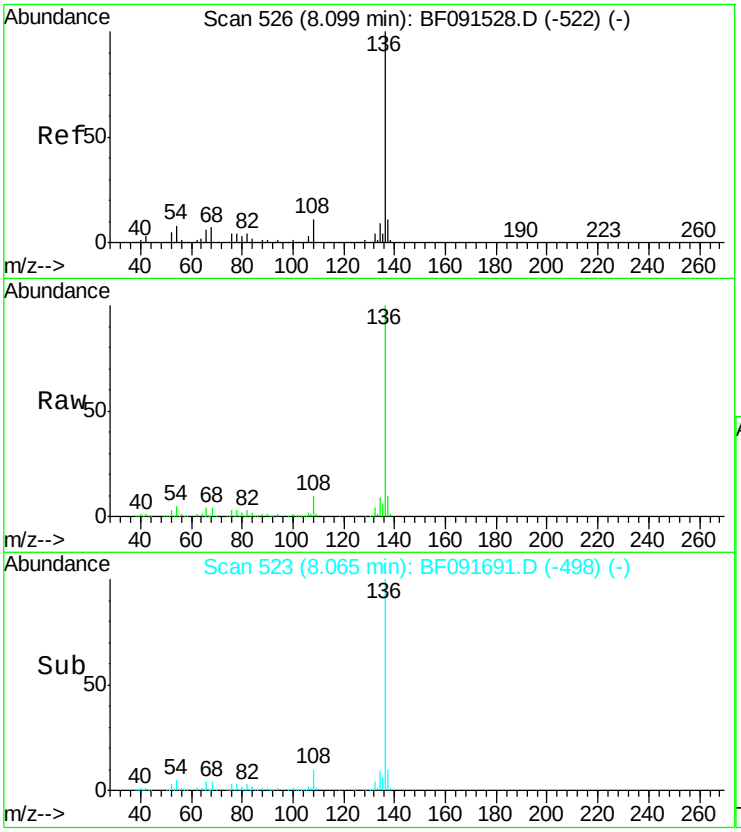


#10
Phenol
Concen: 6.56 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Tgt Ion: 94 Resp: 132719

Ion	Ratio	Lower	Upper
94	100		
65	33.4	16.9	56.9
66	51.8	30.6	70.6



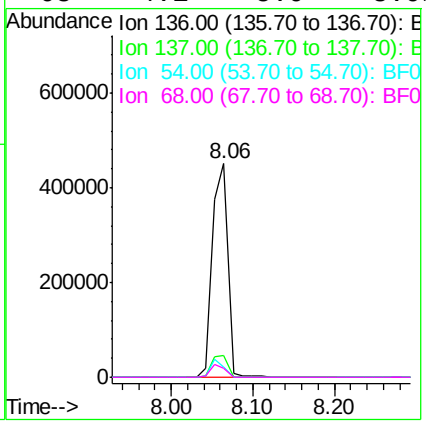


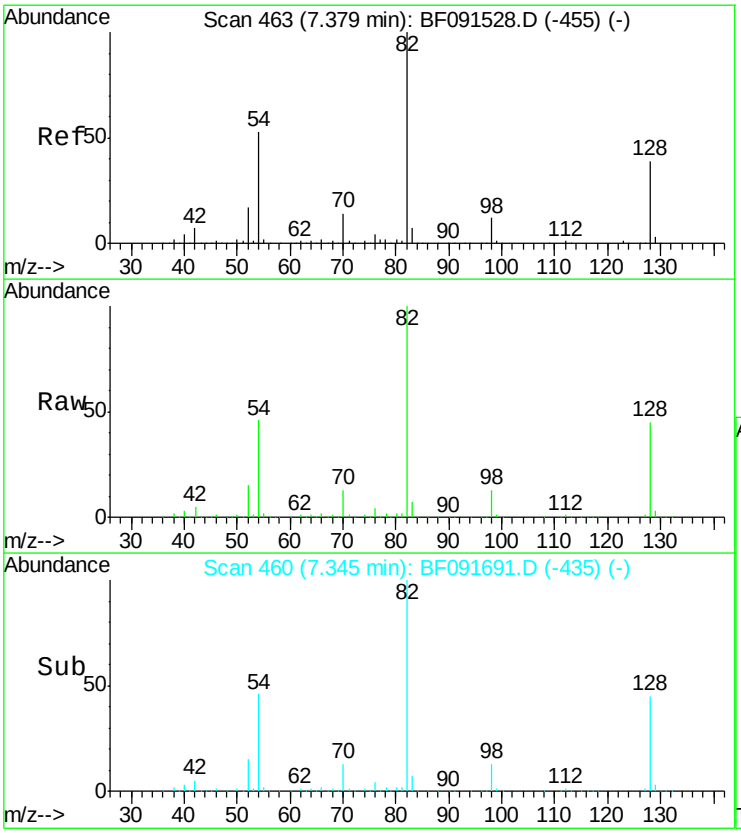
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Instrument :
BNA_F
ClientSampleId :
EP-01-13

Tgt Ion:136 Resp: 591611

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.1	9.1	13.7#
68	4.1	5.9	8.9#

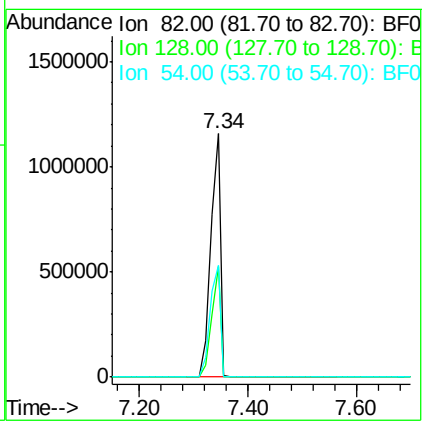


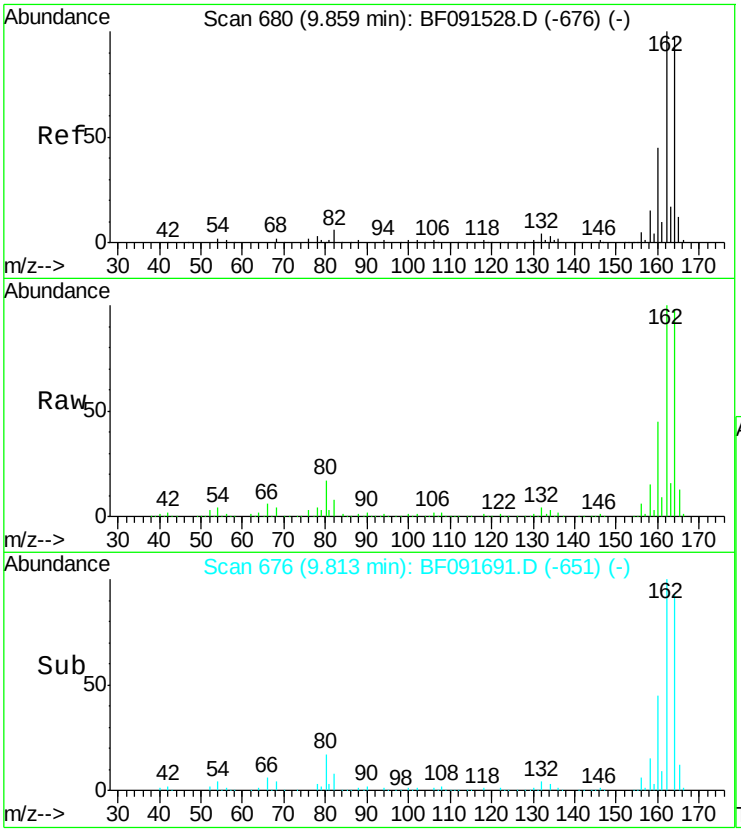


#23
Nitrobenzene-d5
Concen: 137.93 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Tgt Ion: 82 Resp: 1461998

Ion	Ratio	Lower	Upper
82	100		
128	45.3	31.8	47.6
54	45.9	49.1	73.7#



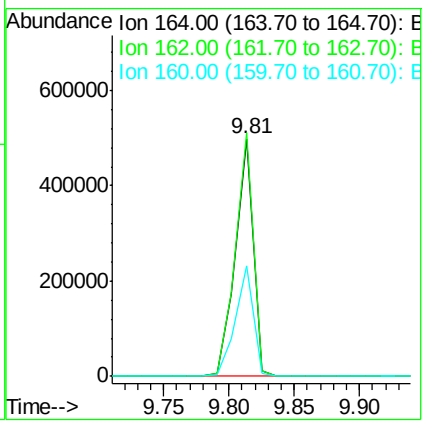


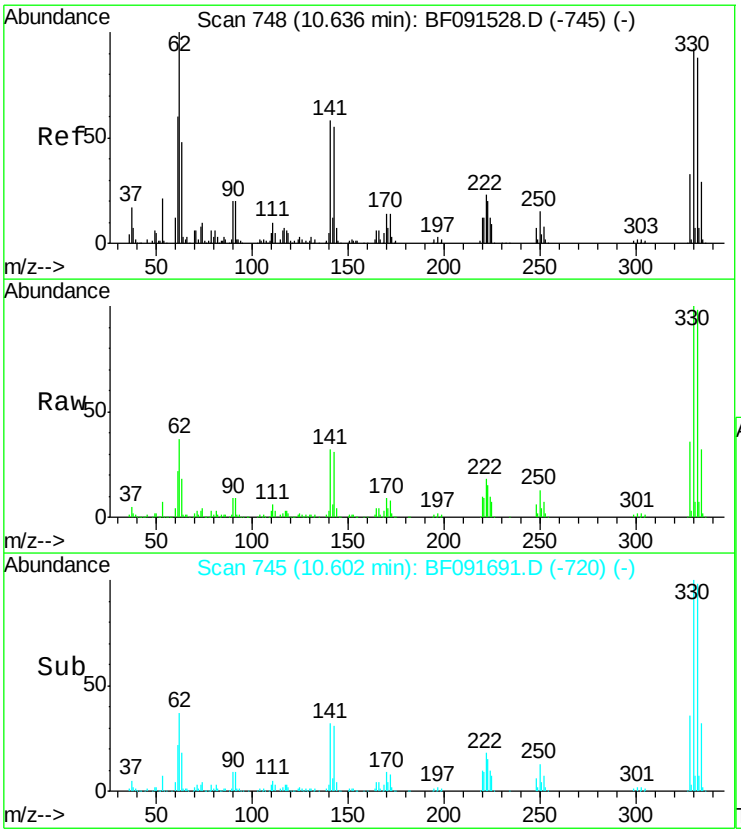
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Instrument :
BNA_F
ClientSampleId :
EP-01-13

Tgt Ion:164 Resp: 474199

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	124.0
160	46.3	36.7	55.1

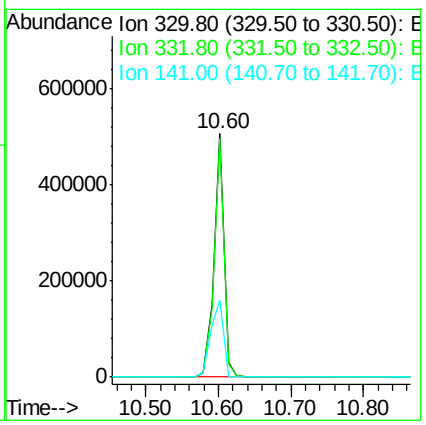


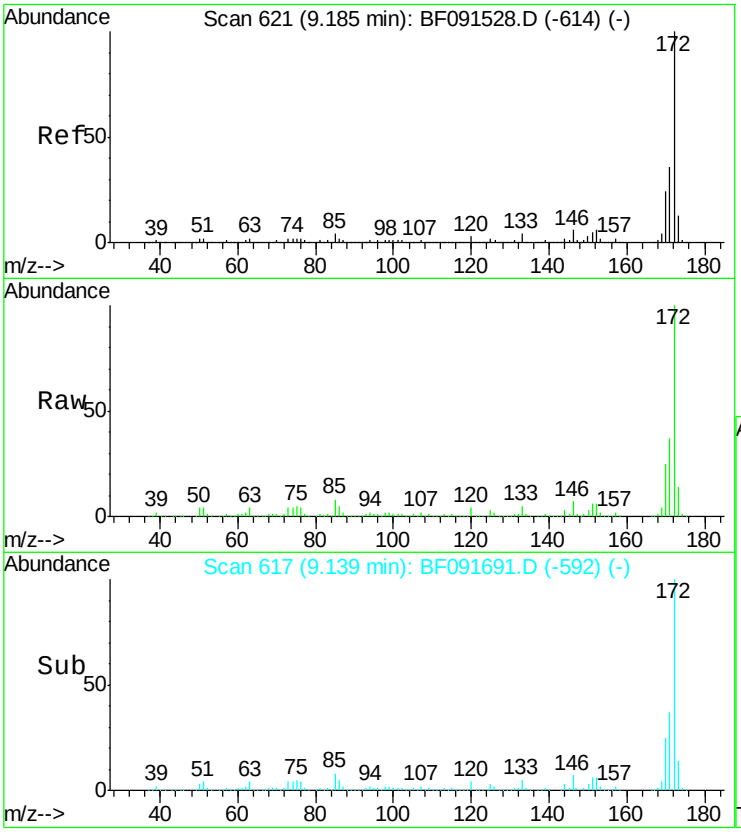


#41
2,4,6-Tribromophenol
Concen: 122.56 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Tgt Ion:330 Resp: 482703

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	40.1	33.6	50.4



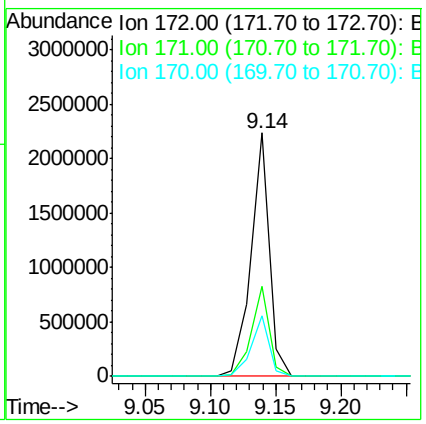


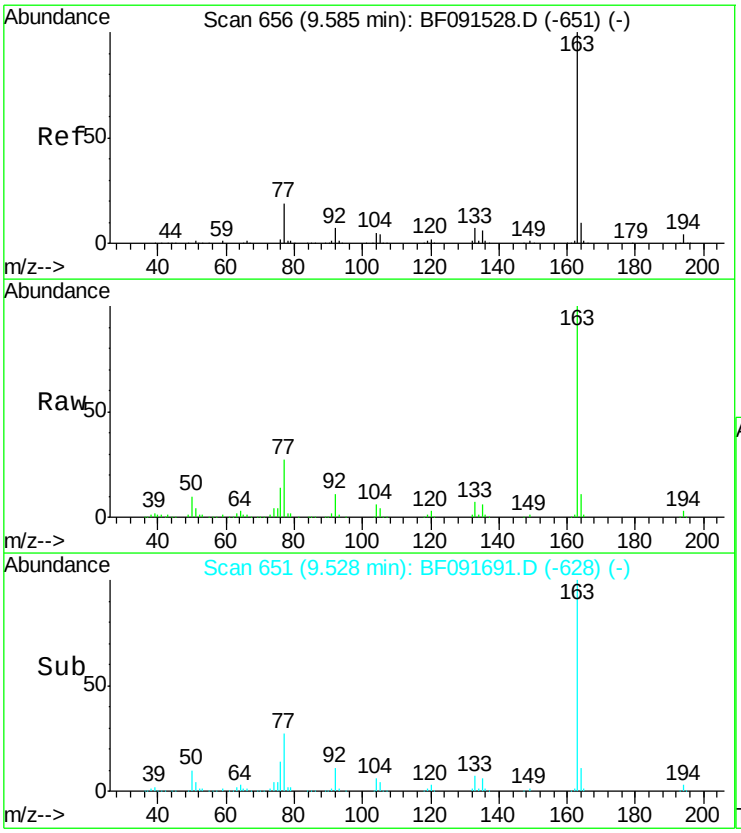
#44
2-Fluorobiphenyl
Concen: 80.47 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Instrument :
BNA_F
ClientSampleId :
EP-01-13

Tgt Ion:172 Resp: 2208405

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.0	19.7	29.5

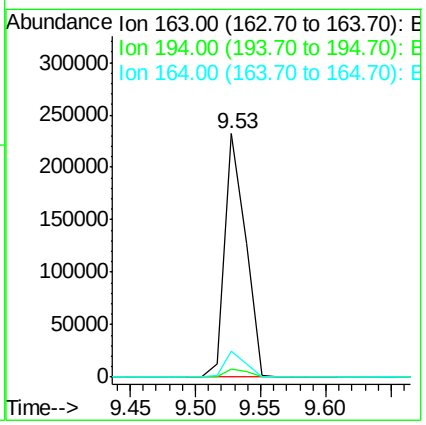


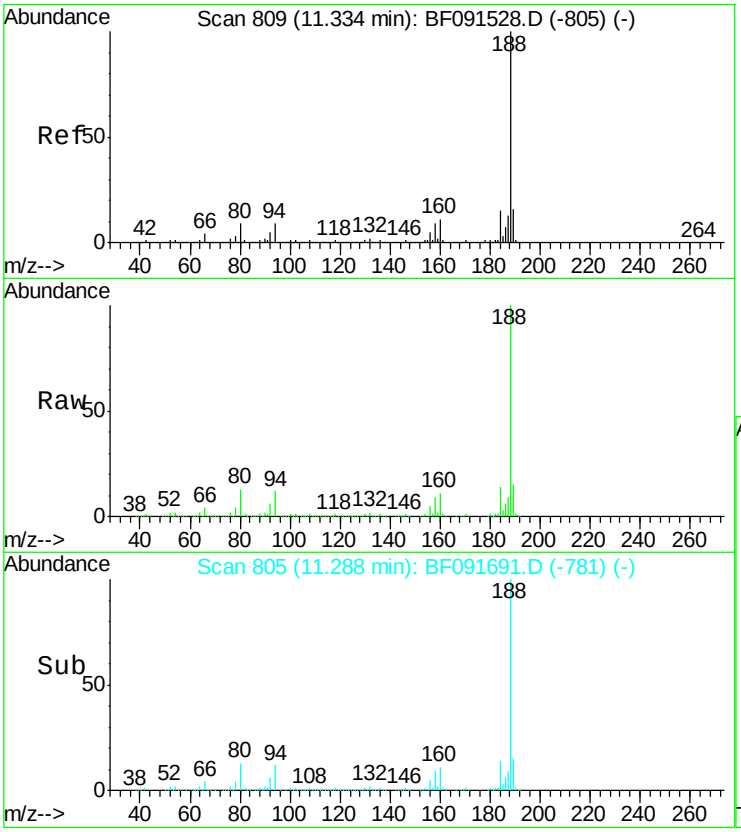


#49
Dimethylphthalate
Concen: 8.59 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Tgt Ion:163 Resp: 257884

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.6	7.8	11.8



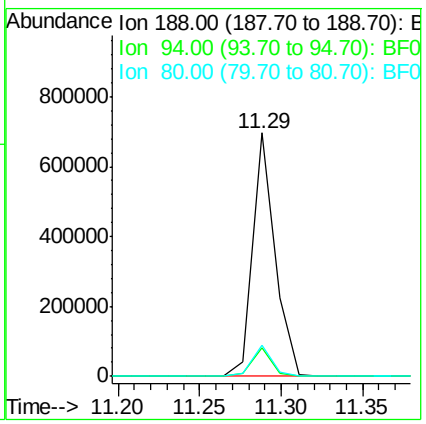


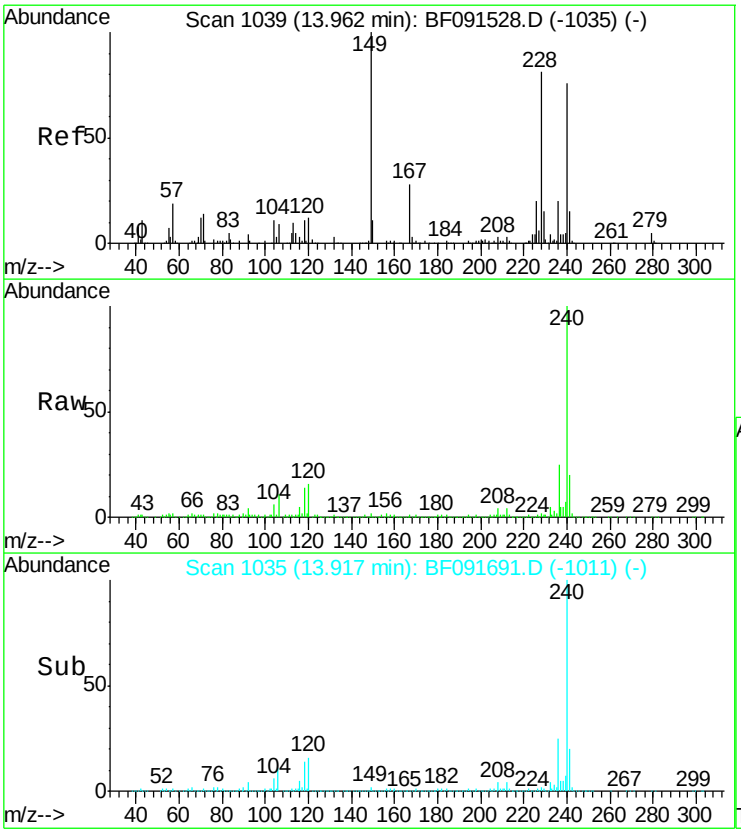
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Instrument :
BNA_F
ClientSampleId :
EP-01-13

Tgt Ion:188 Resp: 664863

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.2	13.8
80	12.8	10.5	15.7

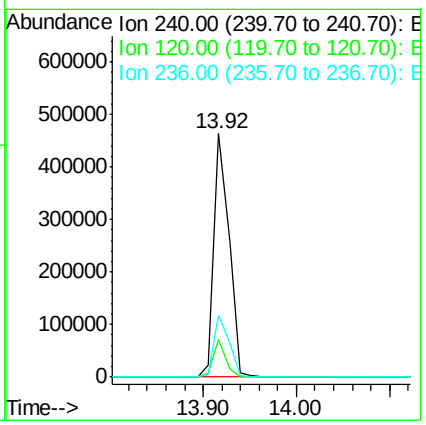


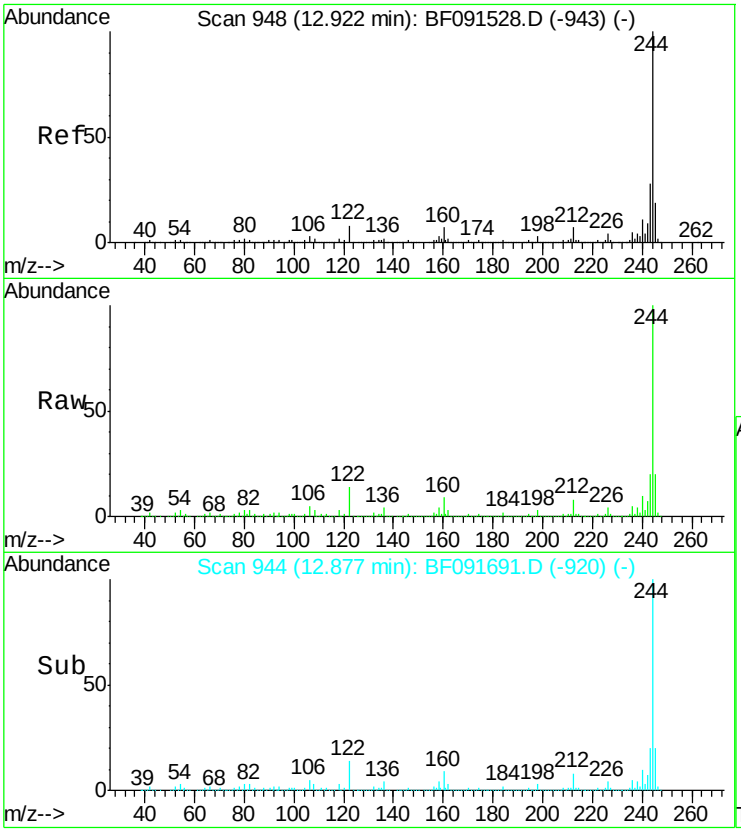


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Tgt Ion:240 Resp: 521711

Ion	Ratio	Lower	Upper
240	100		
120	15.7	12.1	18.1
236	25.3	21.0	31.6



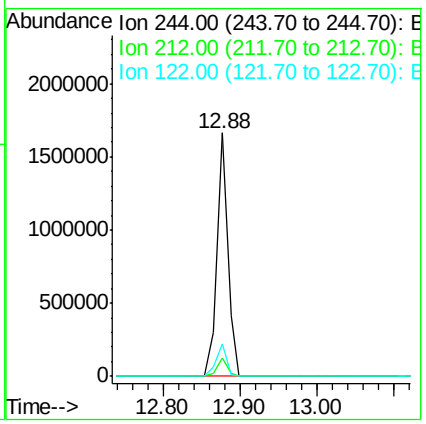


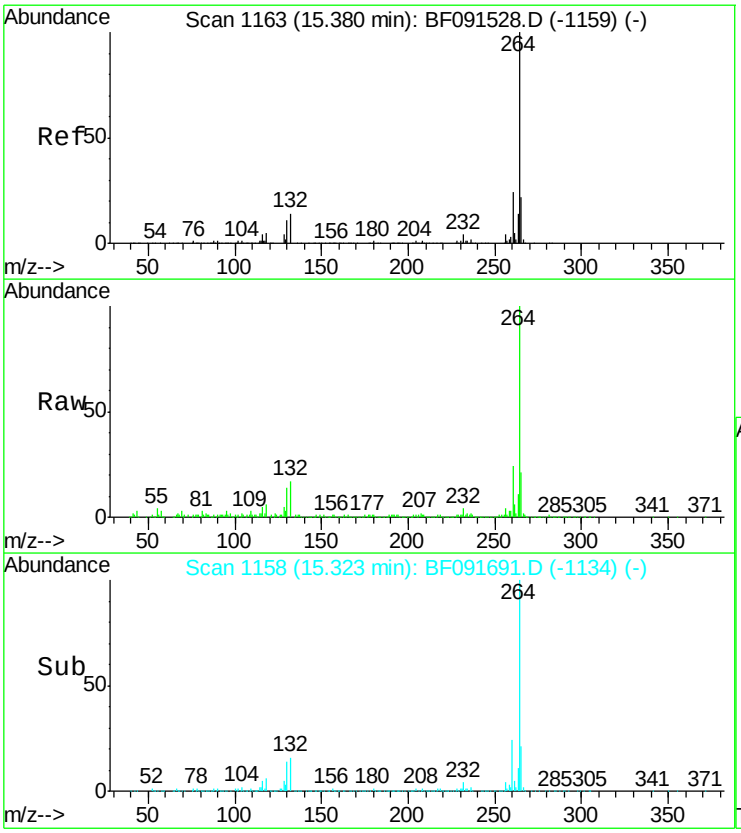
#78
Terphenyl-d14
Concen: 71.73 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Instrument :
BNA_F
ClientSampleId :
EP-01-13

Tgt Ion:244 Resp: 1649207

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	13.5	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: BF091691.D
Acq: 16 Dec 2016 23:45

Tgt Ion:264 Resp: 258840

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.1	17.0	25.6