Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088691.D
Acq On : 4 Jul 2016 13:05
Operator : UM/SJ
Sample : H3822-05 10X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D10-B1(0-6)C

Quant Time: Jul 05 00:51:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101741	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	356209	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	144317	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	234329	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	193354	20.00	ng	-0.03
86) Perylene-d12	15.31	264	161102	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	77434	11.41	ng	-0.03
7) Phenol-d6	6.41	99	104446	11.91	ng	-0.03
23) Nitrobenzene-d5	7.35	82	56200	8.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	12093	9.02	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	97158	10.63	ng	-0.03
78) Terphenyl-d14	12.88	244	65511	7.55	ng	-0.03
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.82	165	18500	8.12	ng	# 39
56) 2,4-Dinitrotoluene	9.82	165	18501	6.21	ng	# 37

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

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Instrument :
BNA_F
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D10-B1(0-6)C

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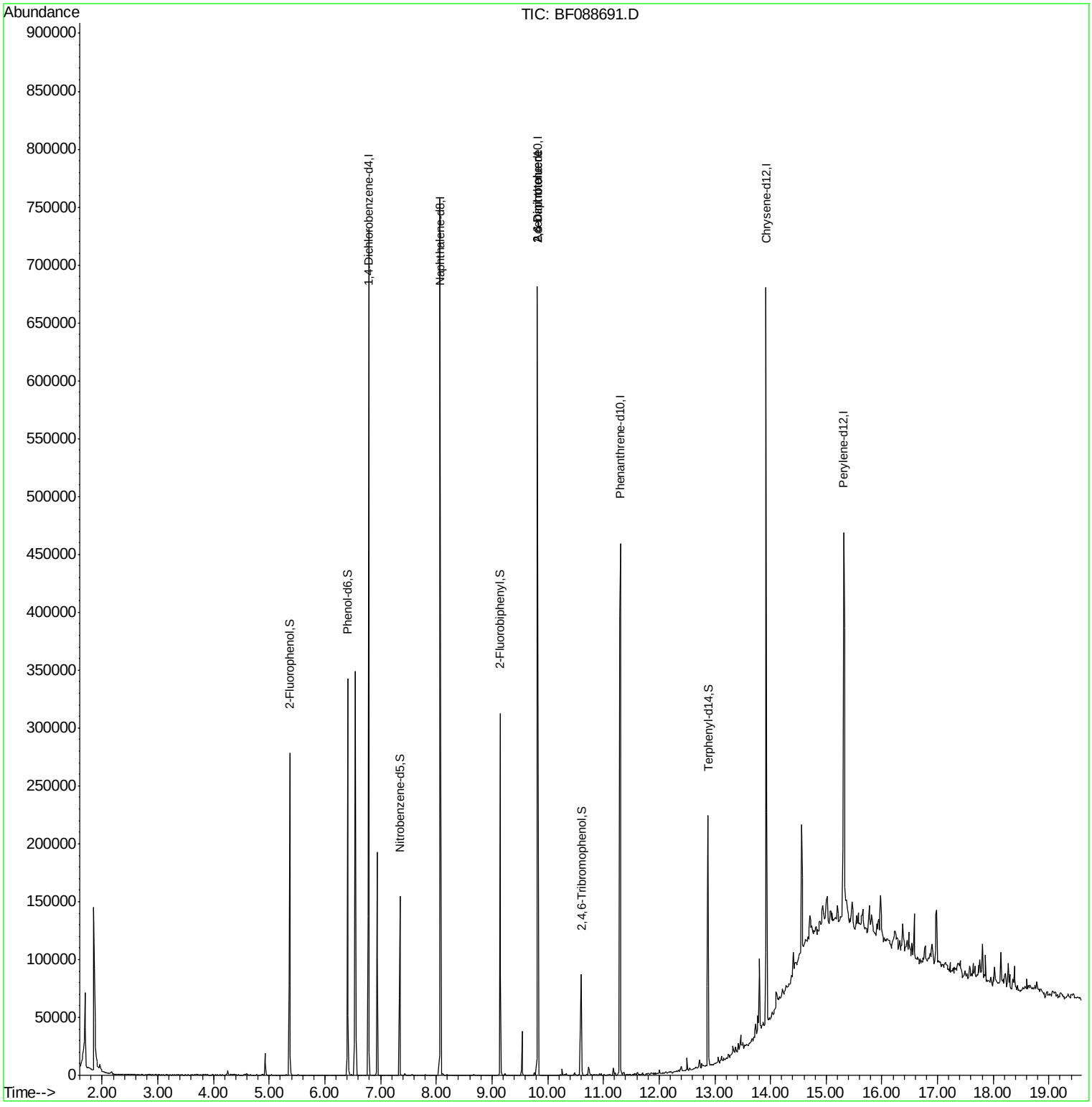
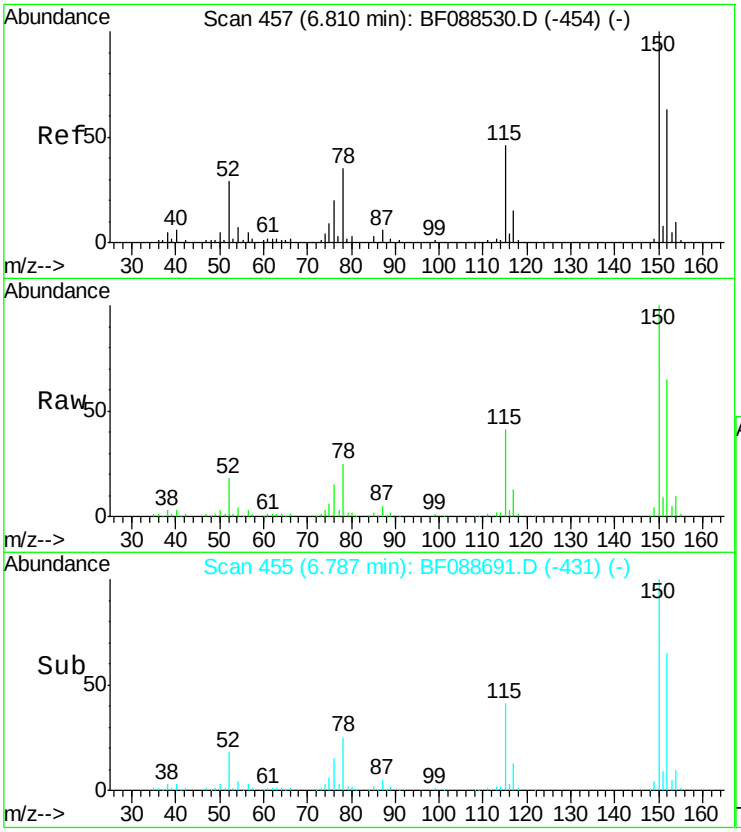


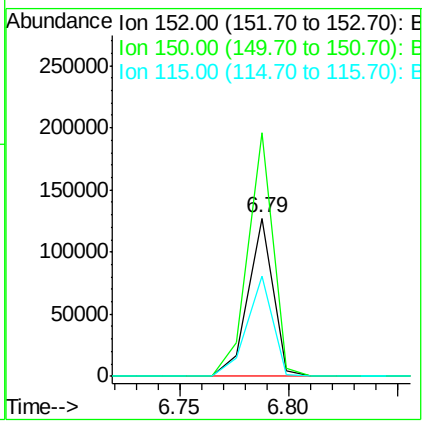


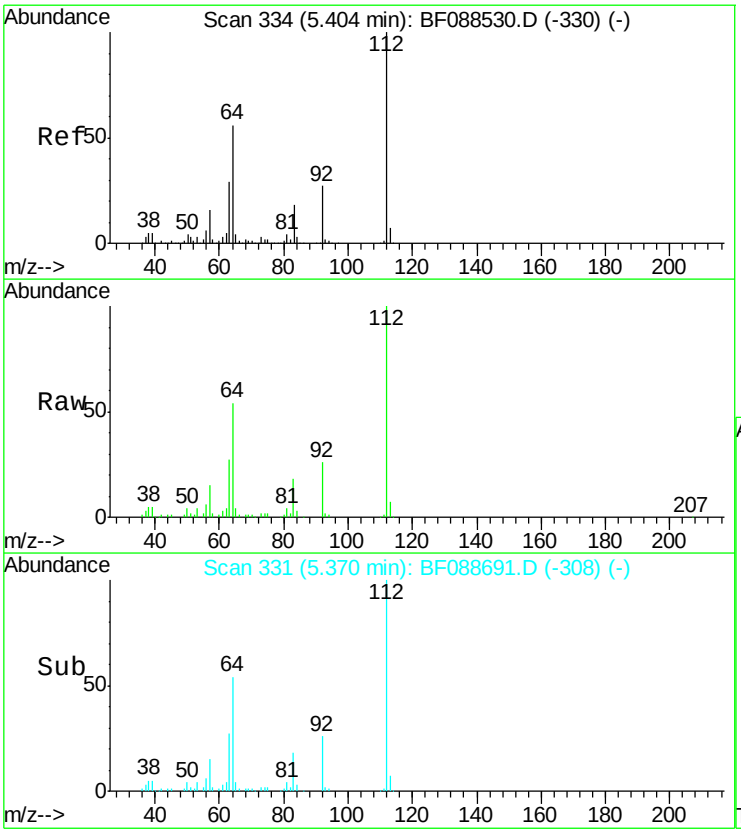
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Instrument :
BNA_F
ClientSampleId :
D10-B1(0-6)C

Tgt Ion:152 Resp: 101741

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	63.2	39.6	59.4#

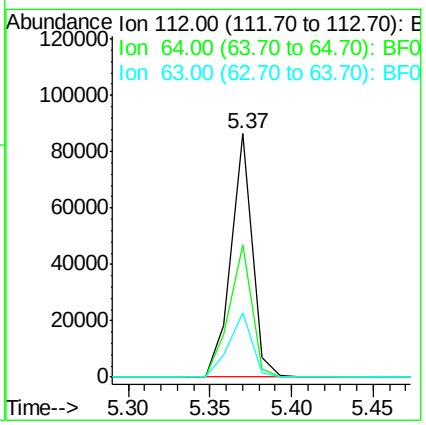


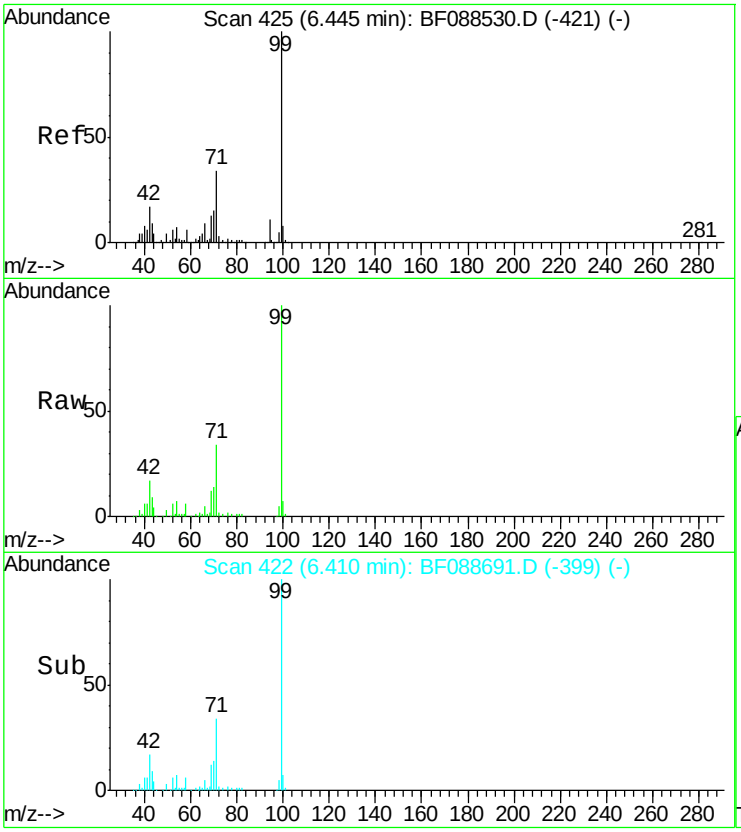


#5
2-Fluorophenol
Concen: 11.41 ng
RT: 5.37 min Scan# 331
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Tgt Ion:112 Resp: 77434

Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.2	63.2
63	26.5	21.8	32.8



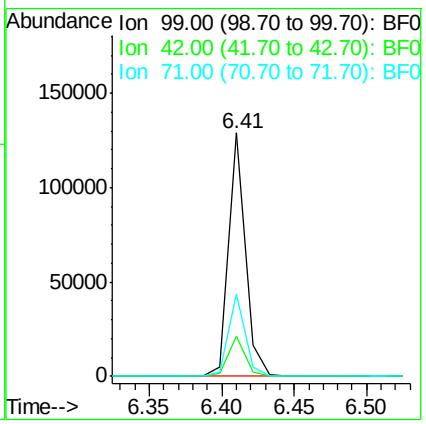


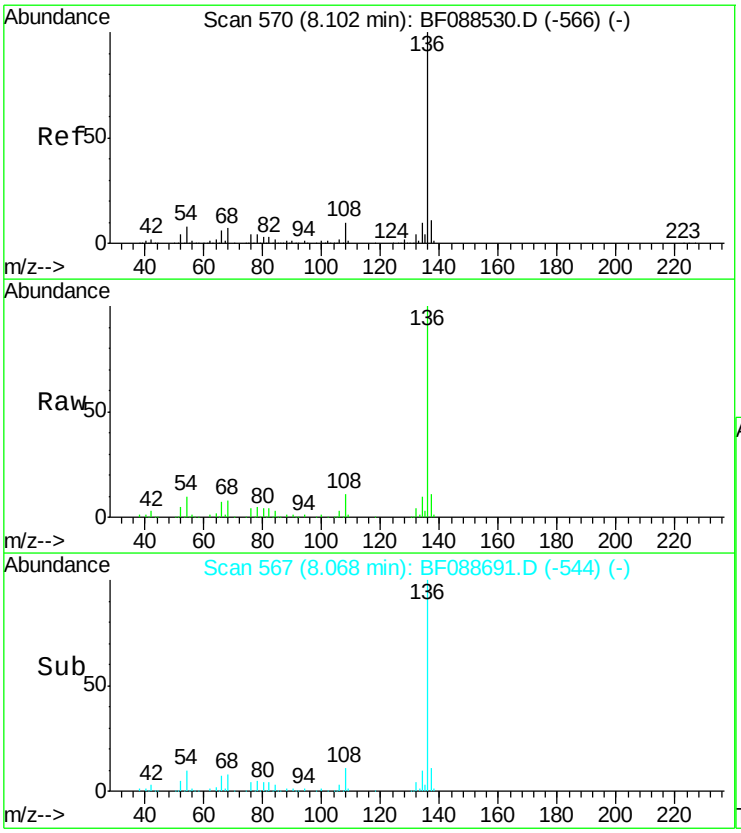
#7
Phenol-d6
Concen: 11.91 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Instrument :
BNA_F
ClientSampleId :
D10-B1(0-6)C

Tgt Ion: 99 Resp: 104446

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.2	18.2
71	33.7	23.4	35.0

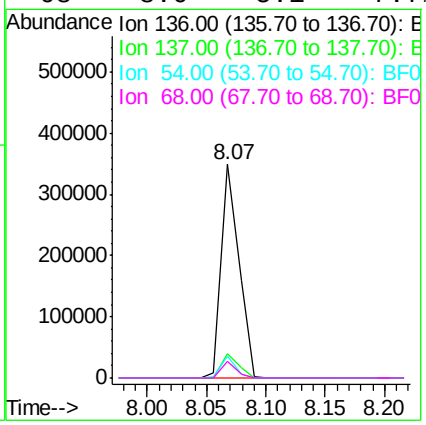


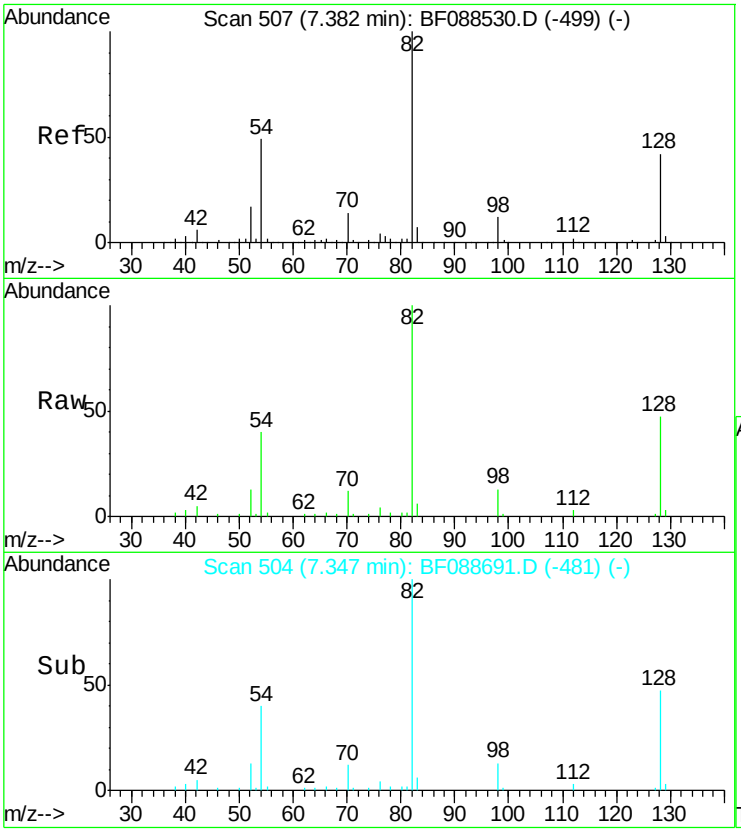


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Tgt Ion:136 Resp: 356209

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.3	6.6	10.0#
68	8.0	5.1	7.7#



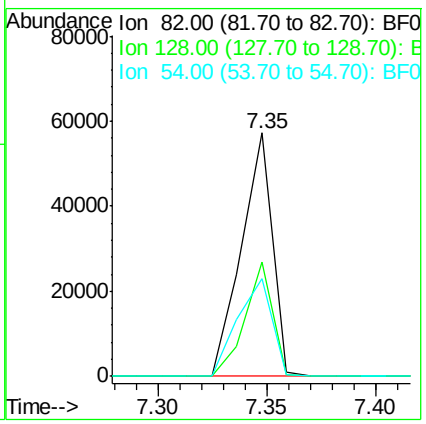


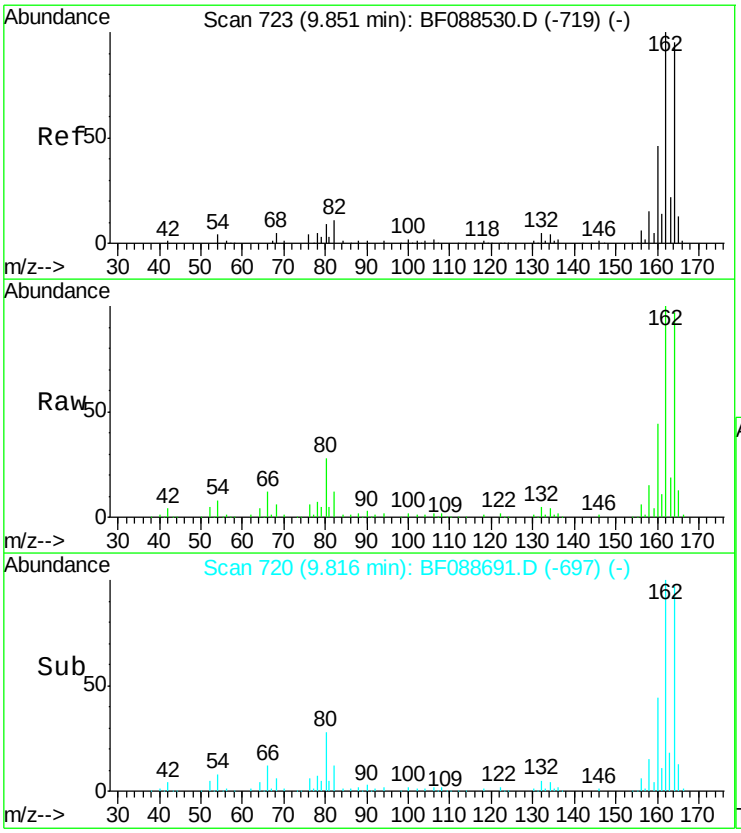
#23
Nitrobenzene-d5
Concen: 8.27 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Instrument :
BNA_F
ClientSampleId :
D10-B1(0-6)C

Tgt Ion: 82 Resp: 56200

Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.9	53.9
54	40.1	40.9	61.3#

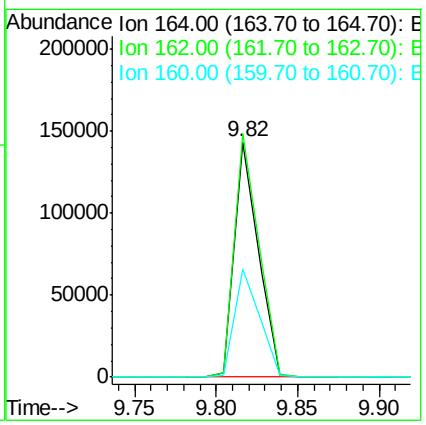


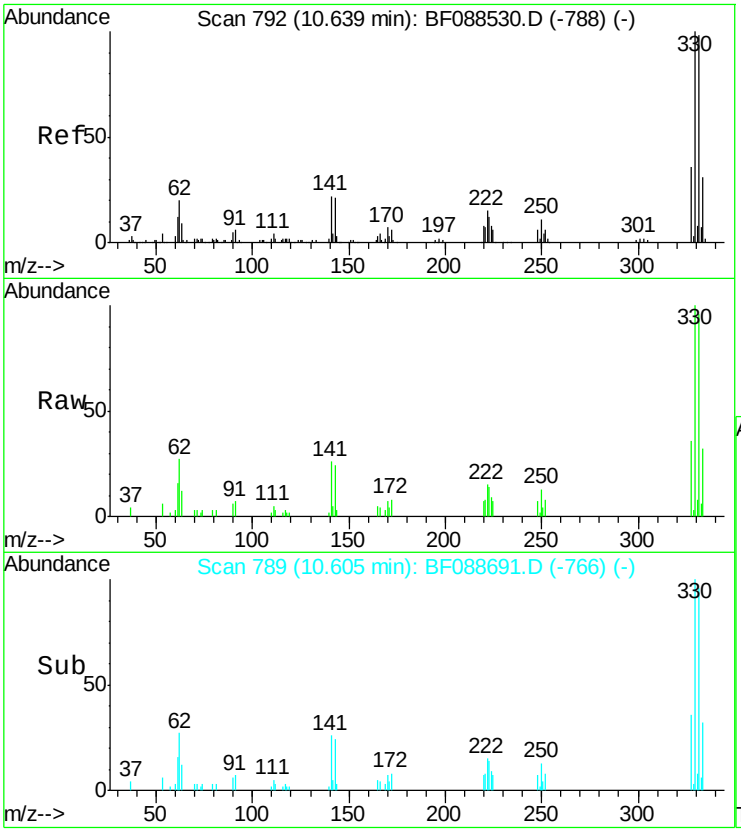


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Tgt Ion:164 Resp: 144317

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.2
160	45.9	39.5	59.3



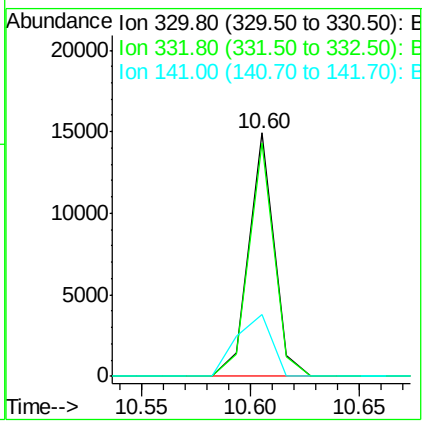


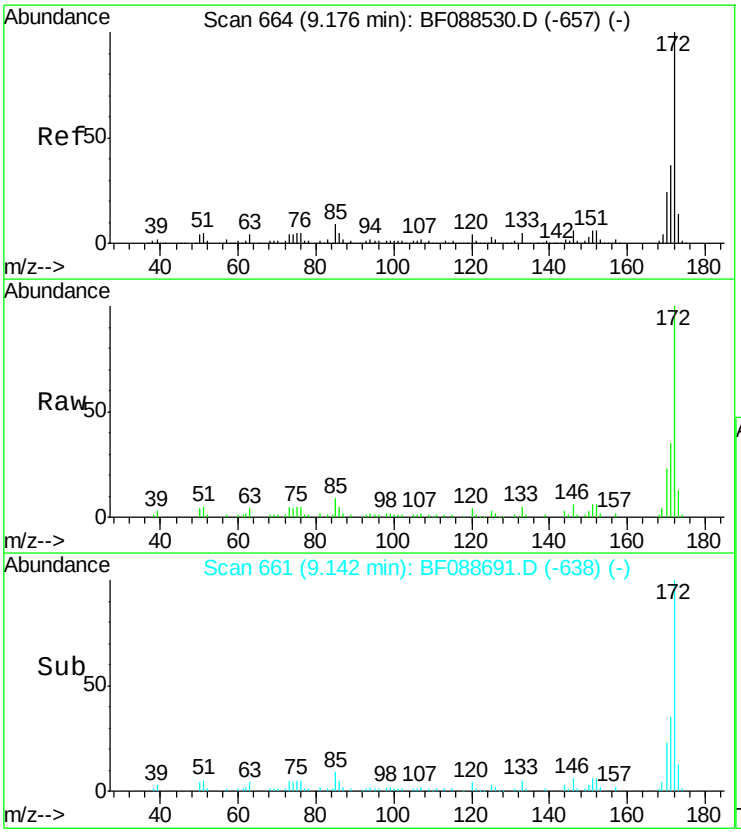
#41
2,4,6-Tribromophenol
Concen: 9.02 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Instrument :
BNA_F
ClientSampleId :
D10-B1(0-6)C

Tgt Ion:330 Resp: 12093

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	35.7	0.0	0.0#

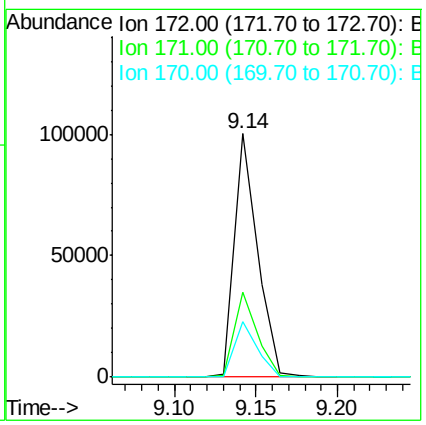


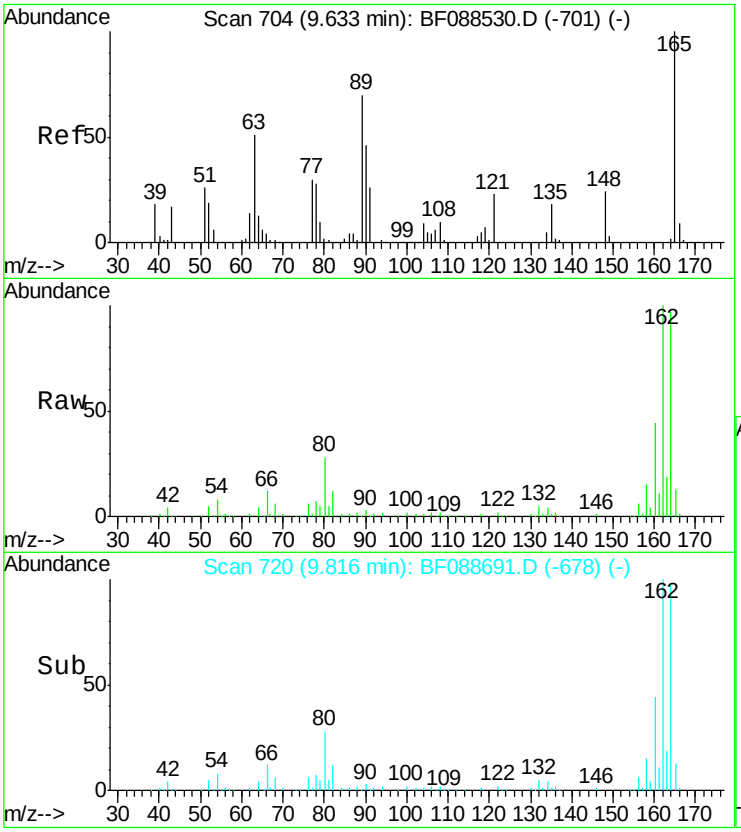


#44
2-Fluorobiphenyl
Concen: 10.63 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Tgt Ion:172 Resp: 97158

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.9	19.2	28.8



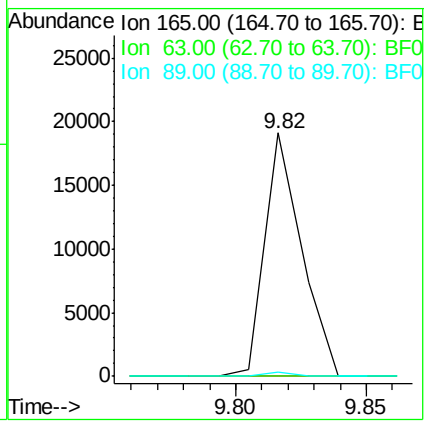


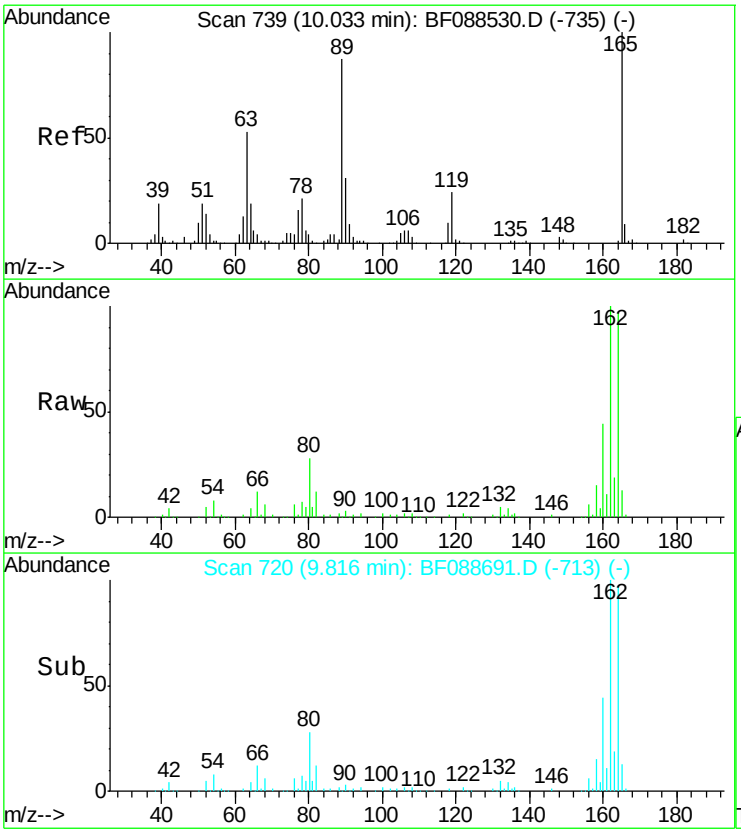
#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.18 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Instrument :
BNA_F
ClientSampleId :
D10-B1(0-6)C

Tgt Ion:165 Resp: 18500

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.8	32.2	48.2#

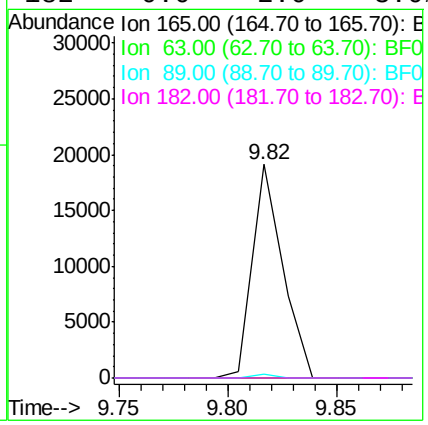


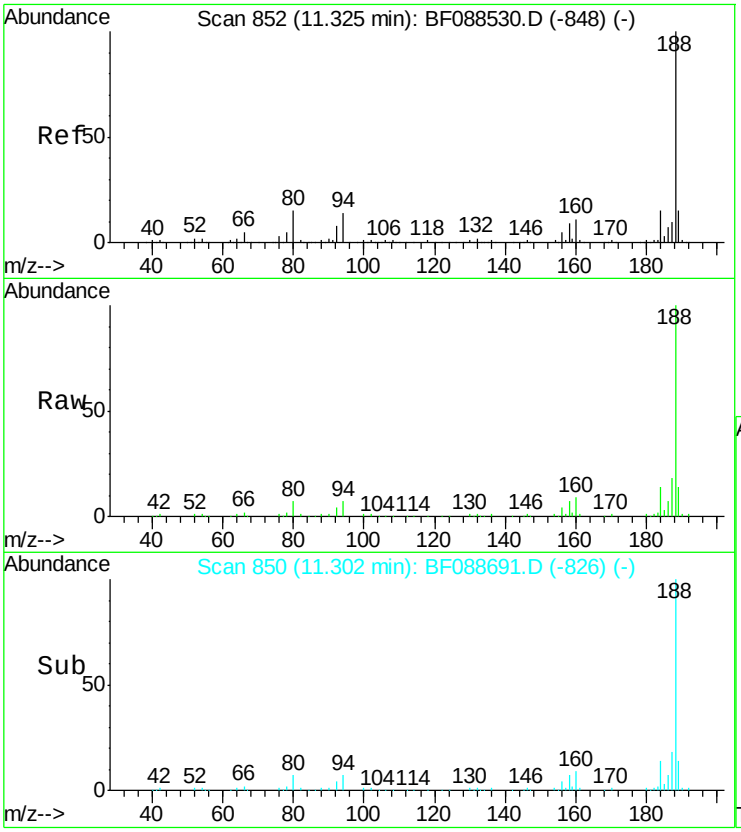


#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Tgt Ion:165 Resp: 18501

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#



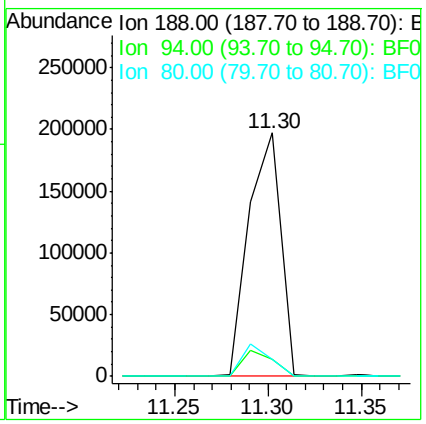


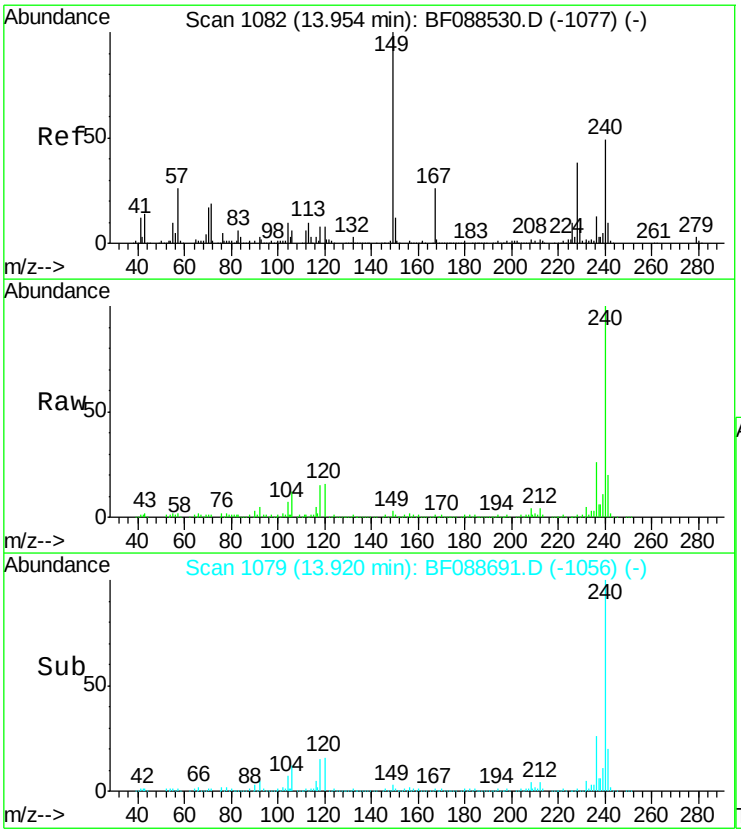
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Instrument :
BNA_F
ClientSampleId :
D10-B1(0-6)C

Tgt Ion:188 Resp: 234329

Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.6#
80	7.2	10.0	15.0#

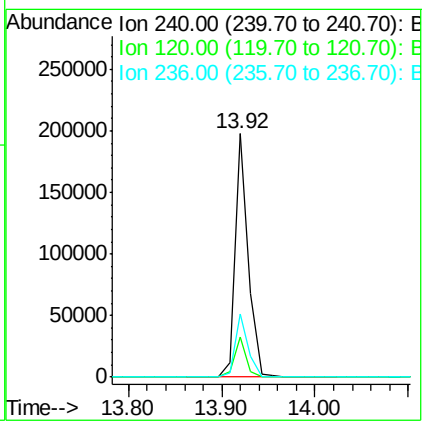


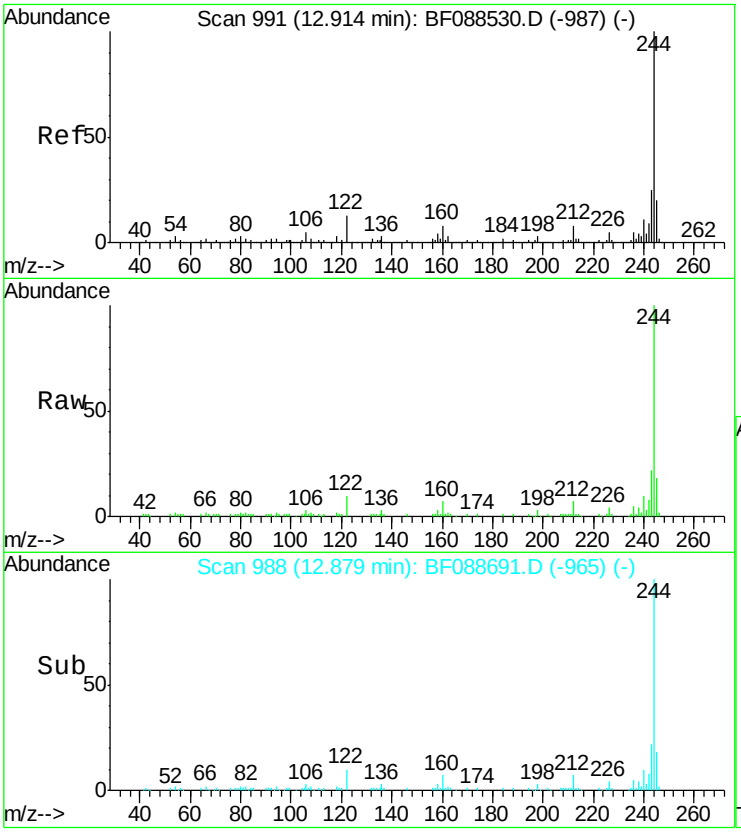


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Tgt Ion:240 Resp: 193354

Ion	Ratio	Lower	Upper
240	100		
120	16.3	6.8	10.2#
236	26.1	20.2	30.2



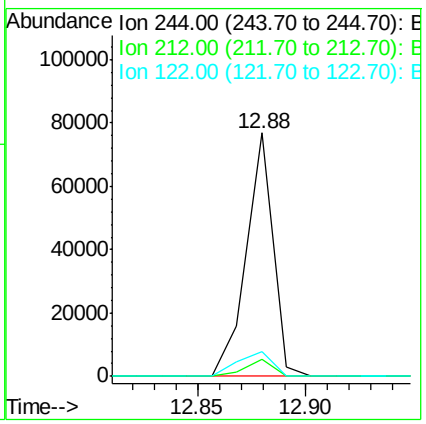


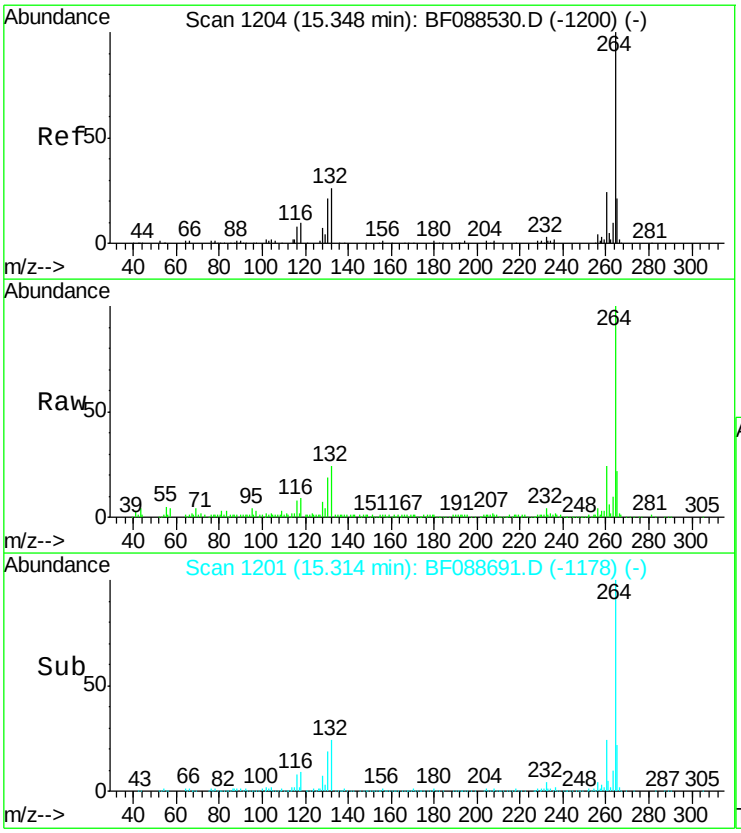
#78
Terphenyl-d14
Concen: 7.55 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Instrument :
BNA_F
ClientSampleId :
D10-B1(0-6)C

Tgt Ion:244 Resp: 65511

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	10.3	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Tgt Ion:264 Resp: 161102

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	16.9	25.3