Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091617.D
Acq On : 15 Dec 2016 8:31
Operator : UM/SJ
Sample : H5980-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 120816-DSDC-E-U-M

Quant Time: Dec 15 11:49:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	297852	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1145232	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	578362	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	786178	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	593847	20.00	ng	-0.01
86) Perylene-d12	15.36	264	495877	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	729574	41.27	ng	-0.02
7) Phenol-d6	6.43	99	614713	27.89	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1752023	85.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	311354	64.81	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	3022638	90.30	ng	-0.02
78) Terphenyl-d14	12.90	244	2104572	80.42	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.10	128	216939	4.07	ng	99
37) 2-Methylnaphthalene	8.80	142	76662	2.22	ng	99

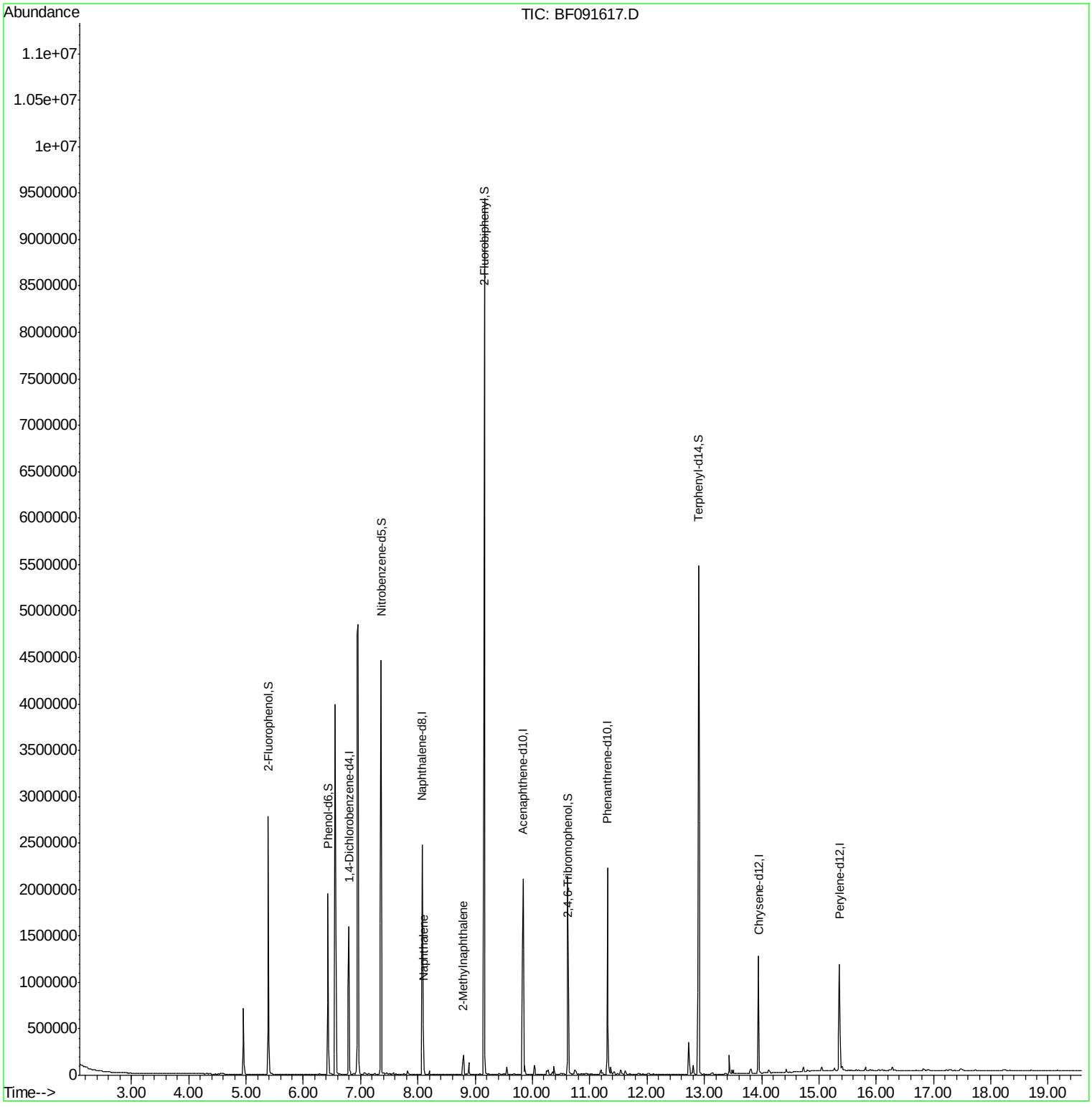
(#) = qualifier out of range (m) = manual integration (+) = signals summed

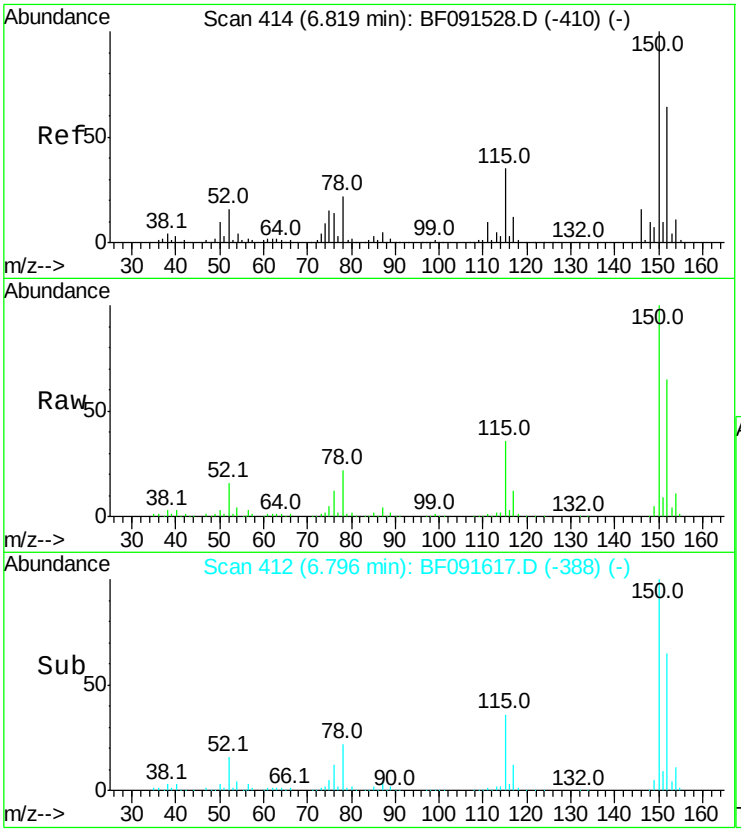
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091617.D
Acq On : 15 Dec 2016 8:31
Operator : UM/SJ
Sample : H5980-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-U-M

Quant Time: Dec 15 11:49:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



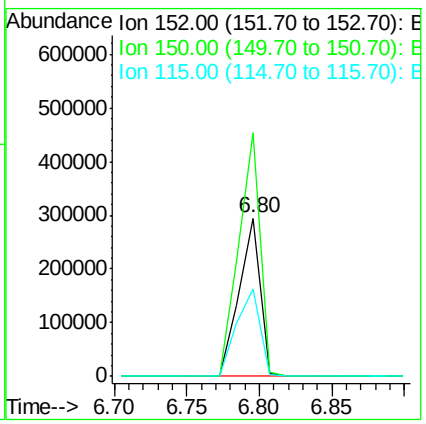


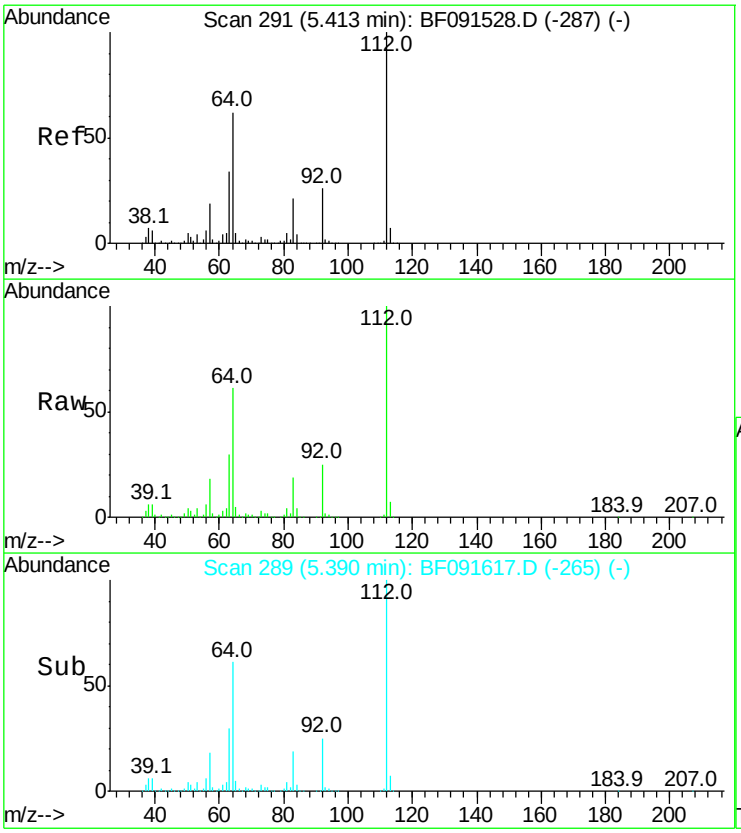
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-U-M

Tgt Ion:152 Resp: 297852

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.5	183.7
115	55.2	51.8	77.8

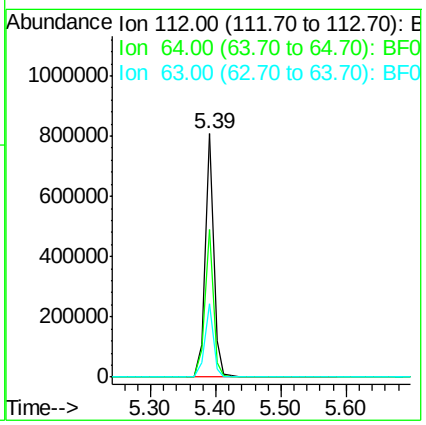


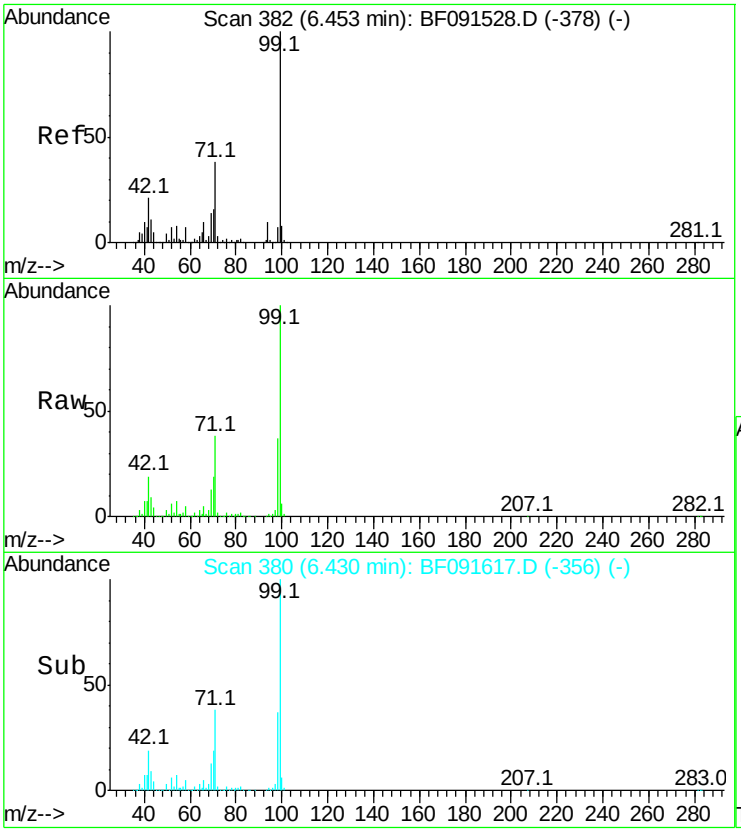


#5
2-Fluorophenol
Concen: 41.27 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Tgt Ion:112 Resp: 729574

Ion	Ratio	Lower	Upper
112	100		
64	60.6	61.5	92.3#
63	30.3	33.3	49.9#



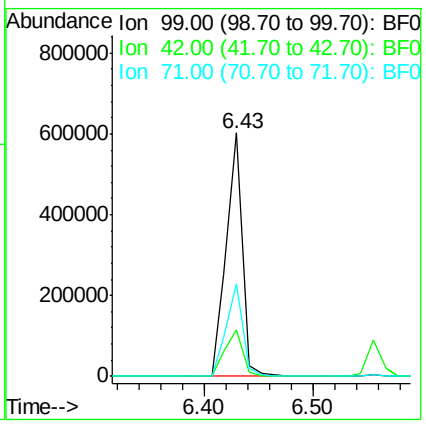


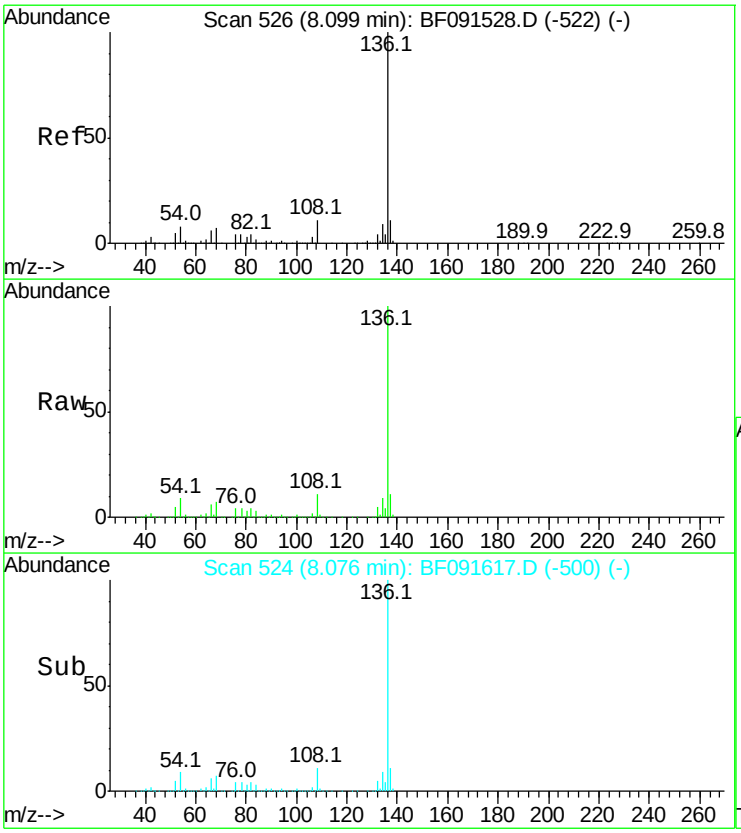
#7
Phenol-d6
Concen: 27.89 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-U-M

Tgt Ion: 99 Resp: 614713

Ion	Ratio	Lower	Upper
99	100		
42	19.0	20.6	31.0#
71	37.8	29.9	44.9

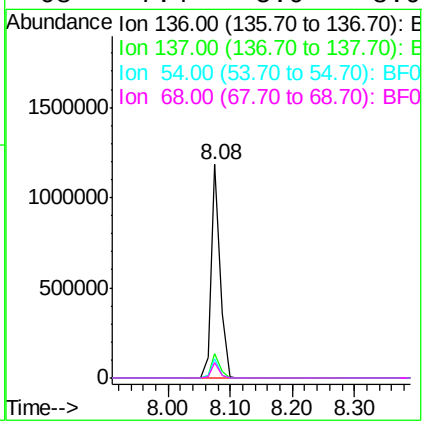


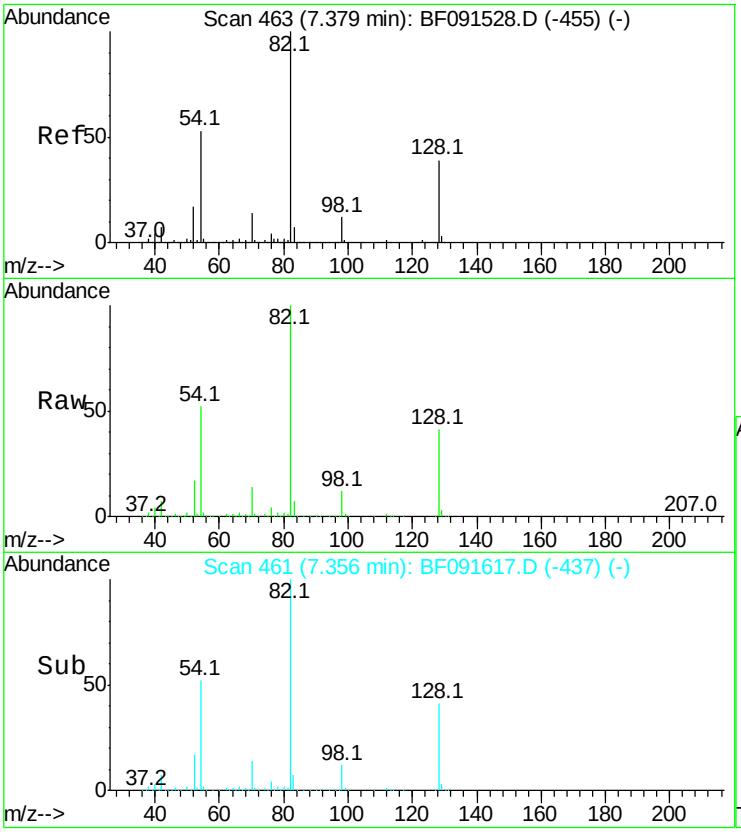


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Tgt Ion:136 Resp: 1145232

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.2	9.1	13.7
68	7.4	5.9	8.9



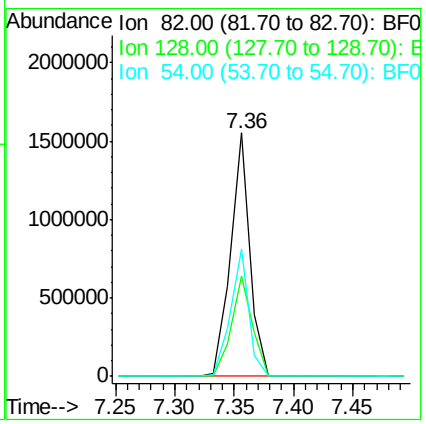


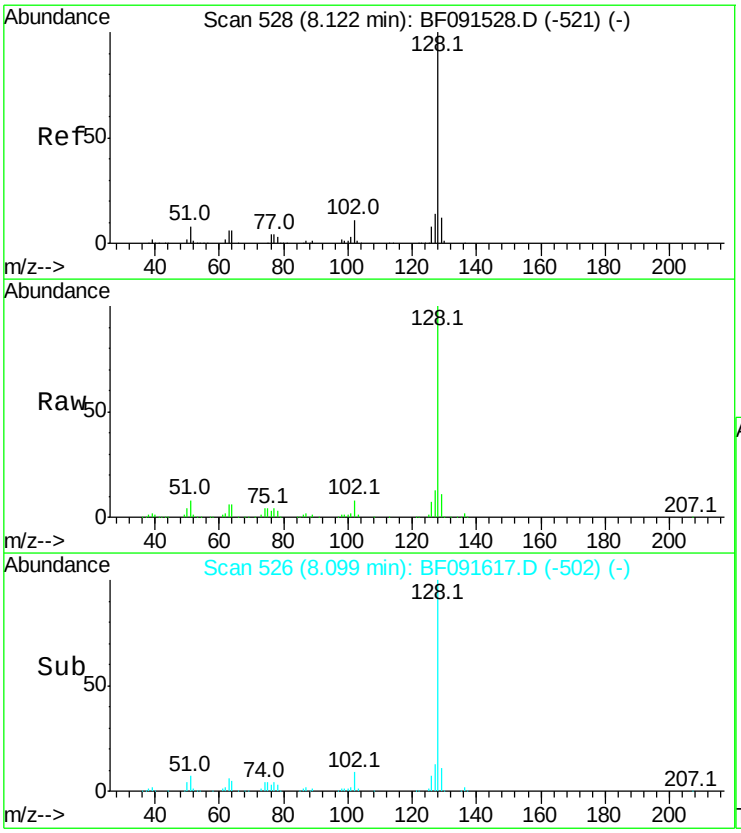
#23
Nitrobenzene-d5
Concen: 85.38 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-U-M

Tgt Ion: 82 Resp: 1752023

Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.8	47.6
54	52.1	49.1	73.7

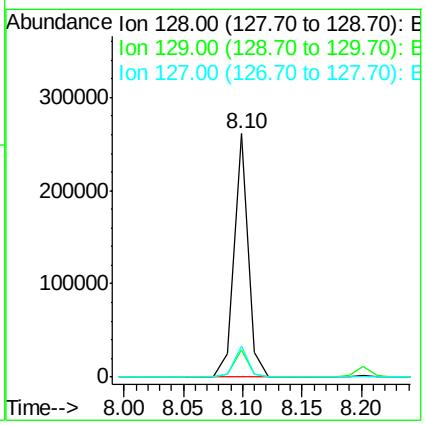


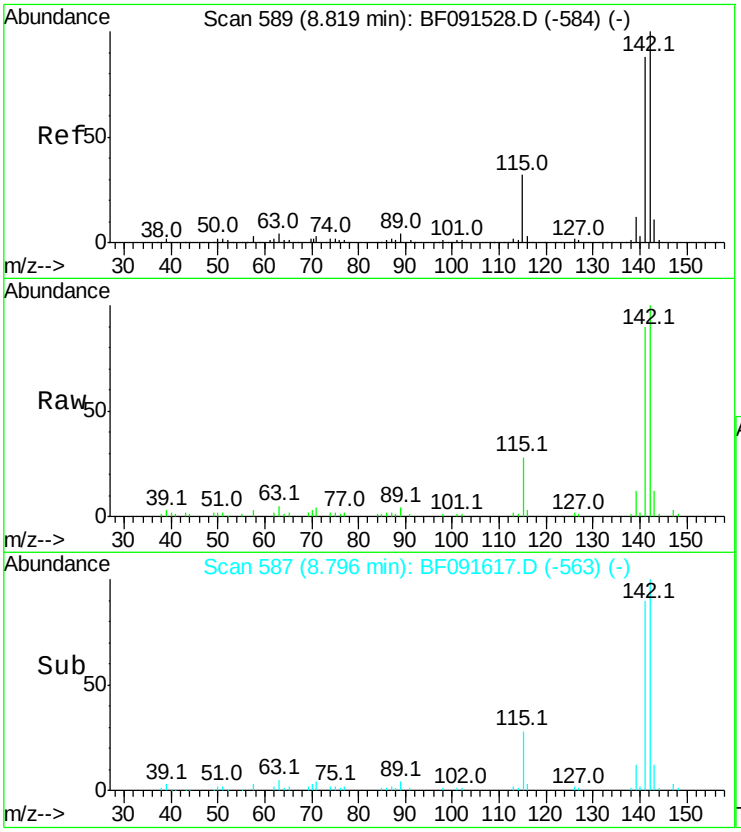


#31
Naphthalene
Concen: 4.07 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Tgt Ion:128 Resp: 216939

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.8	11.0	16.4



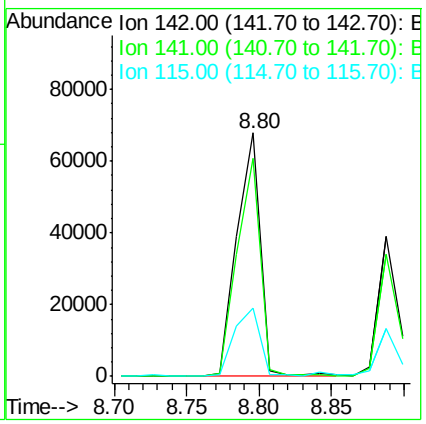


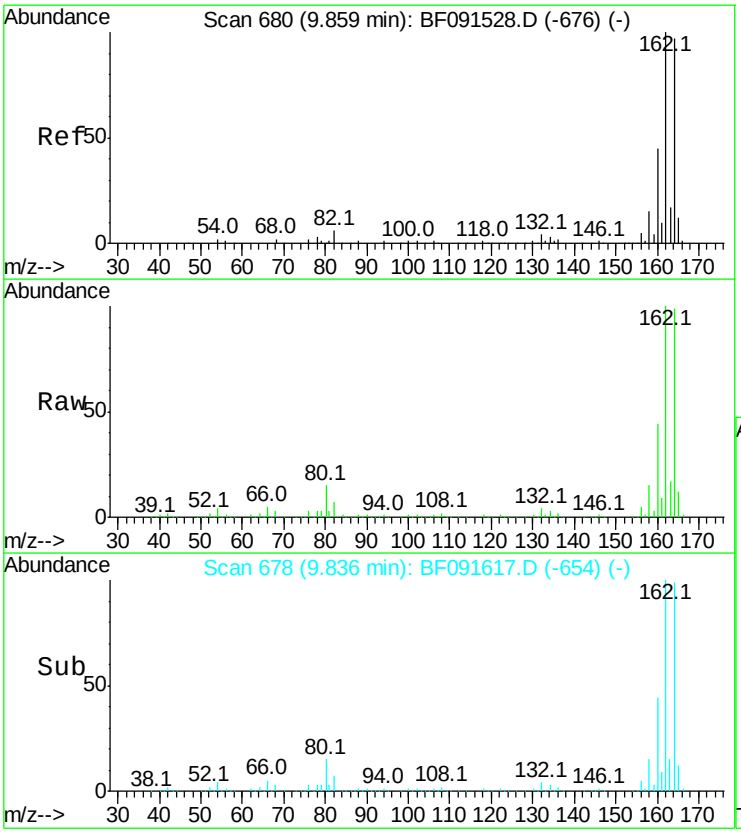
#37
2-Methylnaphthalene
Concen: 2.22 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-U-M

Tgt Ion:142 Resp: 76662

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
115	28.3	25.0	37.6

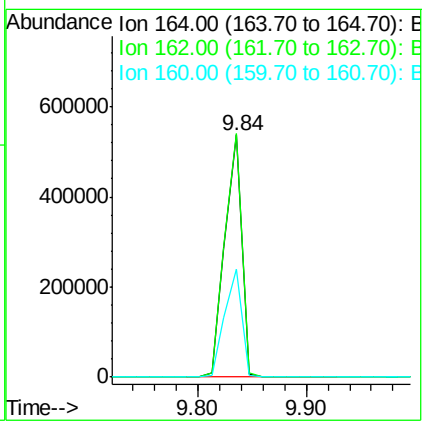


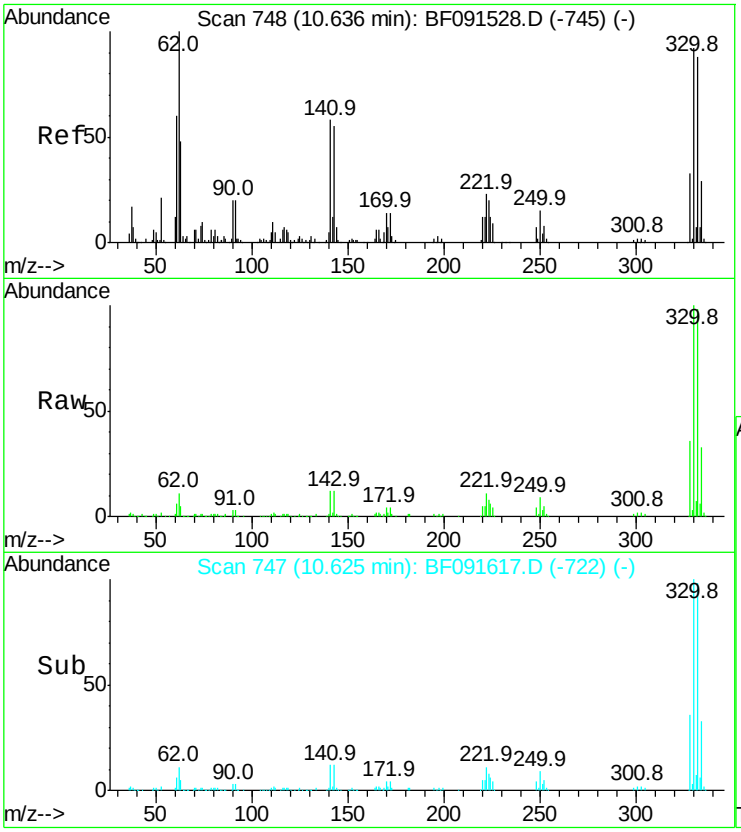


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Tgt Ion:164 Resp: 578362

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	124.0
160	44.4	36.7	55.1



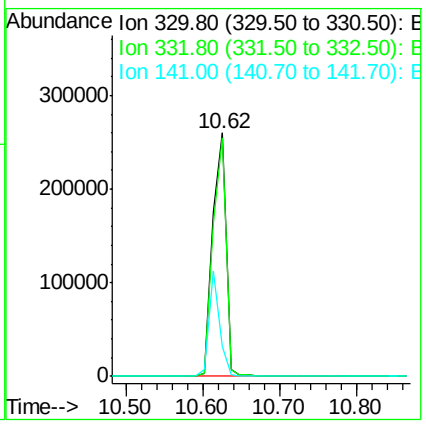


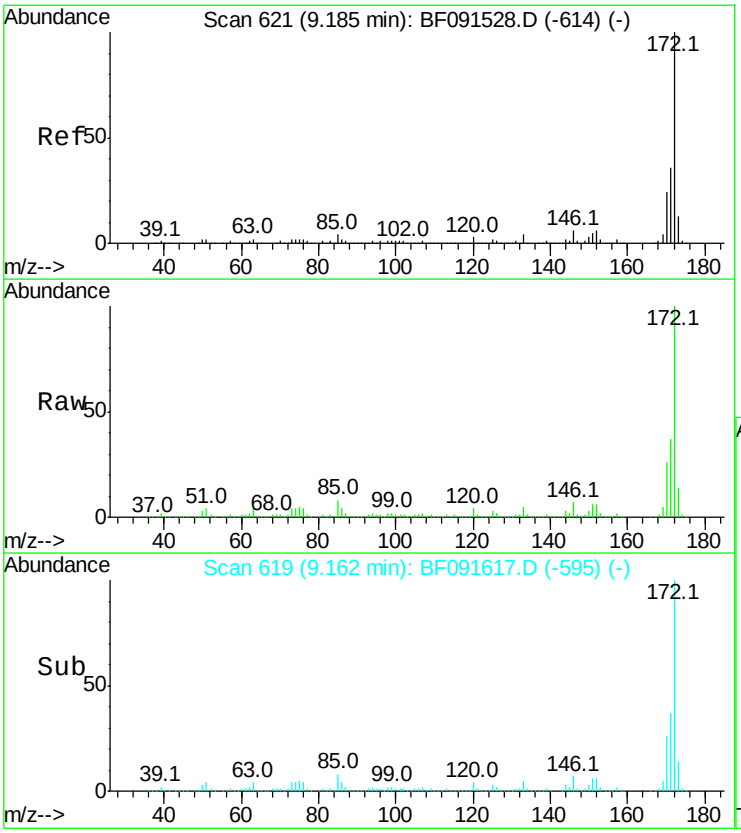
#41
2,4,6-Tribromophenol
Concen: 64.81 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-U-M

Tgt Ion:330 Resp: 311354

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	33.9	33.6	50.4

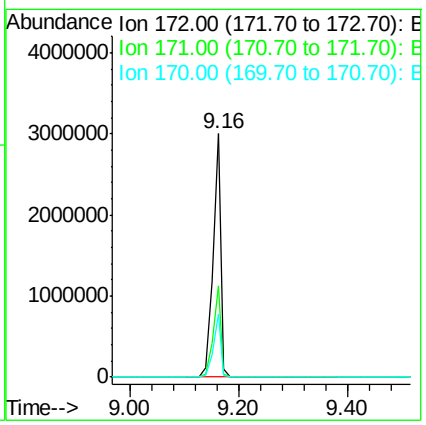


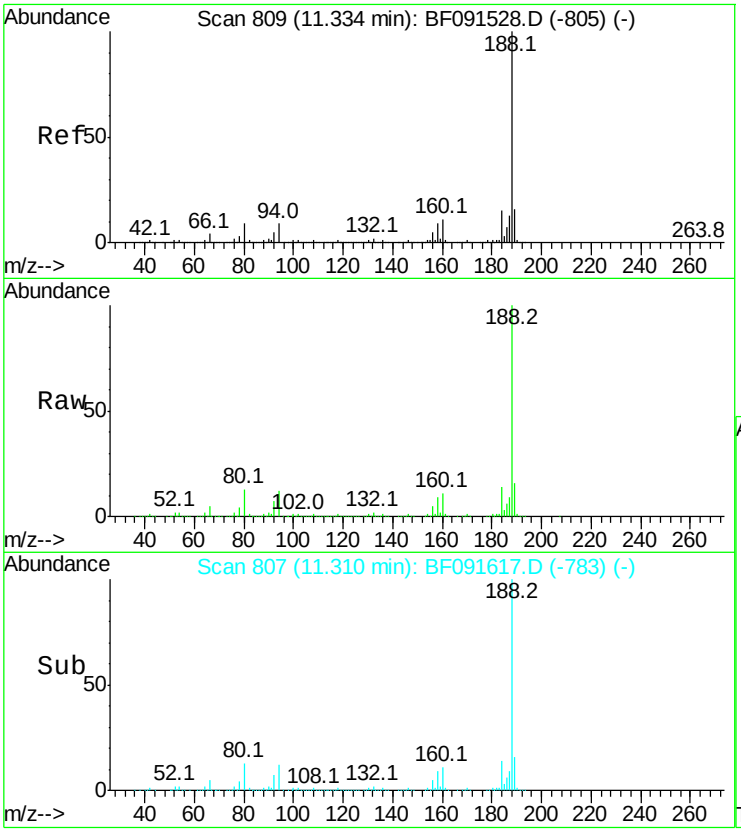


#44
2-Fluorobiphenyl
Concen: 90.30 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Tgt Ion:172 Resp: 3022638

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	25.7	19.7	29.5



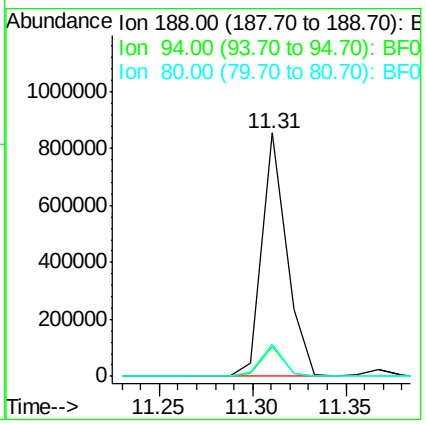


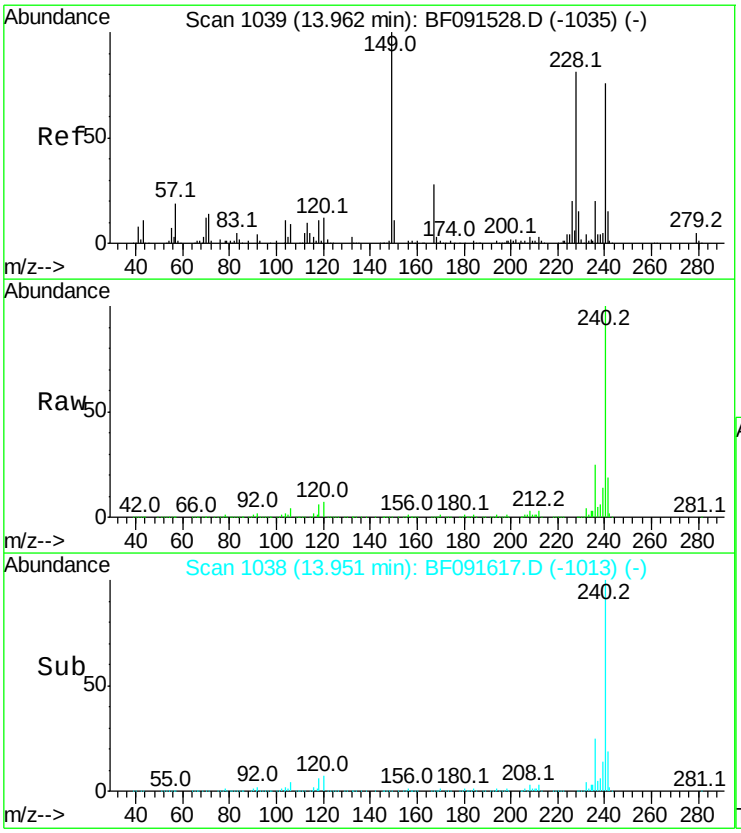
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-U-M

Tgt Ion:188 Resp: 786178

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.2	13.8
80	13.3	10.5	15.7

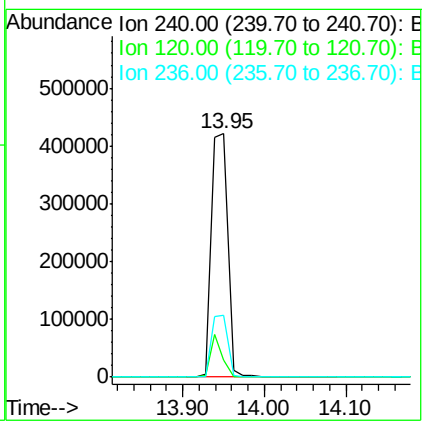


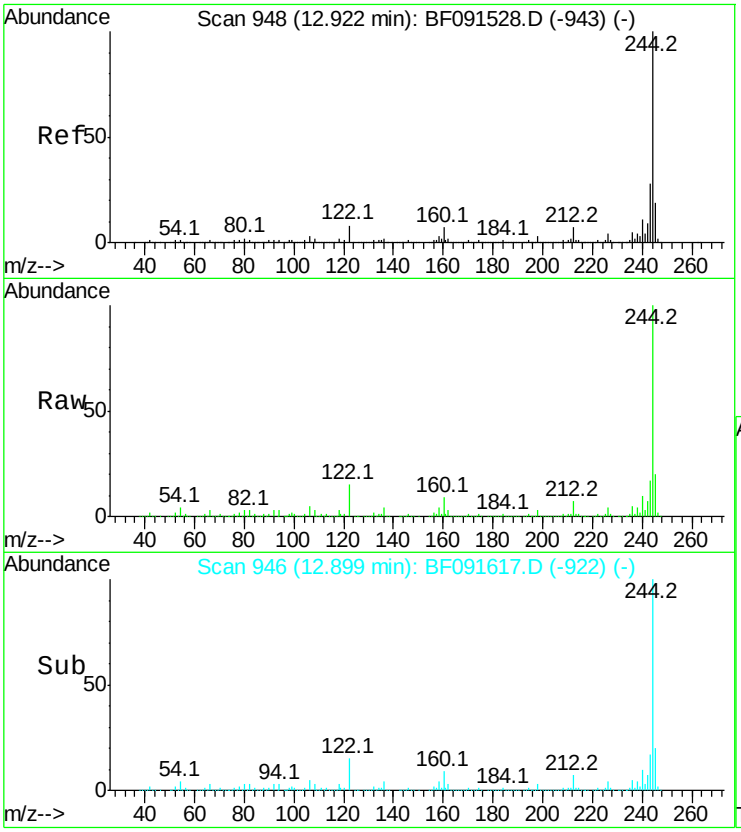


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Tgt Ion:240 Resp: 593847

Ion	Ratio	Lower	Upper
240	100		
120	7.1	12.1	18.1#
236	25.2	21.0	31.6



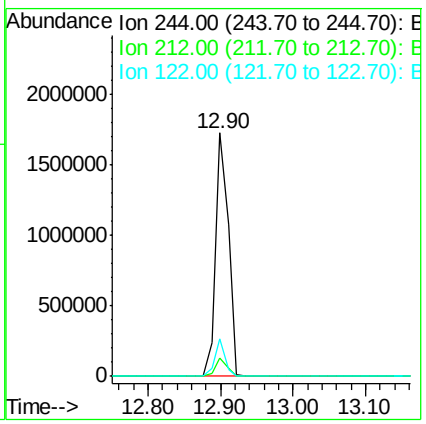


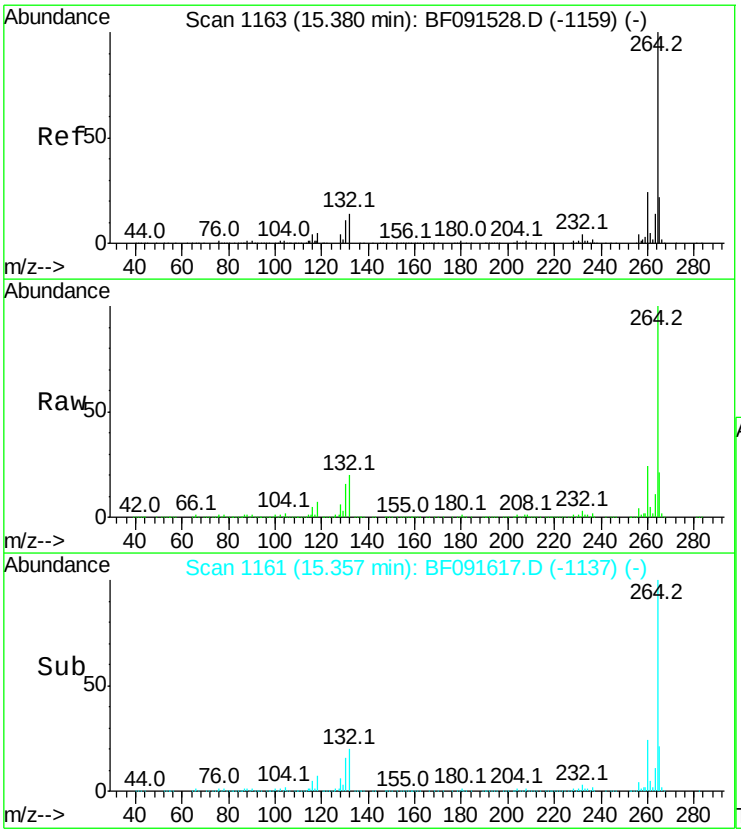
#78
Terphenyl-d14
Concen: 80.42 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-U-M

Tgt Ion:244 Resp: 2104572

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	15.3	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF091617.D
Acq: 15 Dec 2016 8:31

Tgt Ion:264 Resp: 495877

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.5	17.0	25.6