Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091621.D
Acq On : 15 Dec 2016 10:21
Operator : UM/SJ
Sample : H5974-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Time: Dec 15 15:41:41 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	309663	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1200895	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	687748	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	1013072	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	773212	20.00	ng	-0.01
86) Perylene-d12	15.36	264	597269	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1115567	60.69	ng	-0.02
7) Phenol-d6	6.43	99	981007	42.81	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1685873	78.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	651535	114.06	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2866247	72.01	ng	-0.02
78) Terphenyl-d14	12.90	244	2672888	78.44	ng	-0.02
Target Compounds						Qvalue

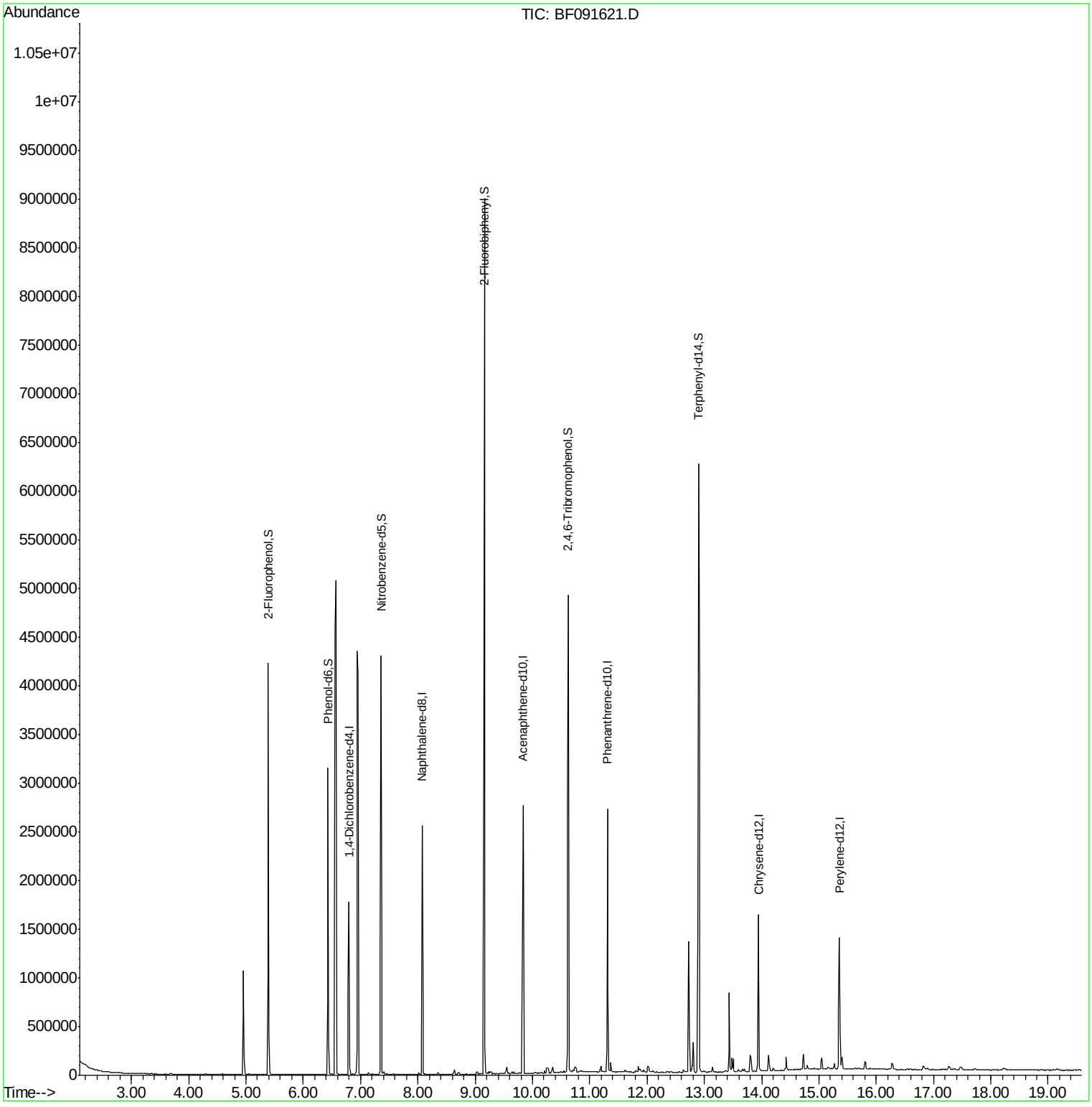
(#) = qualifier out of range (m) = manual integration (+) = signals summed

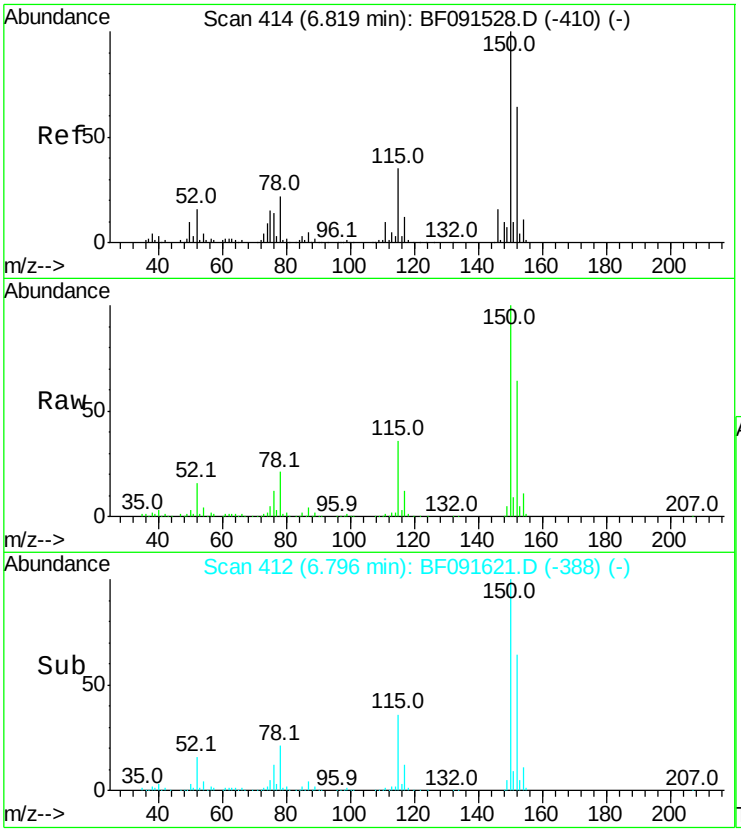
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091621.D
Acq On : 15 Dec 2016 10:21
Operator : UM/SJ
Sample : H5974-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

Quant Time: Dec 15 15:41:41 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



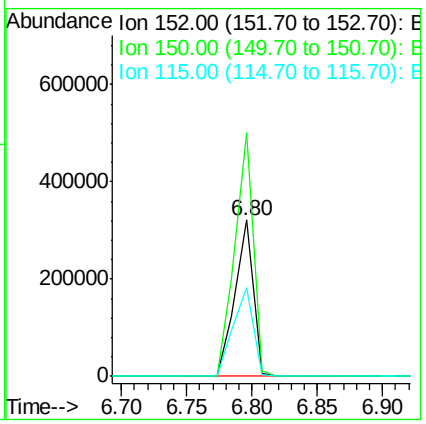


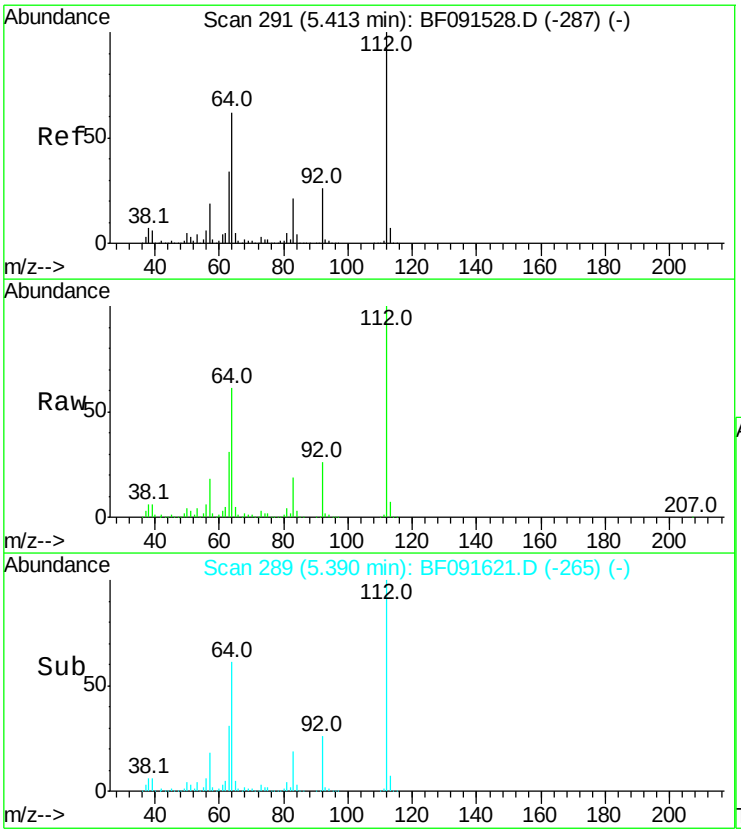
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 309663

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.5	183.7
115	56.5	51.8	77.8

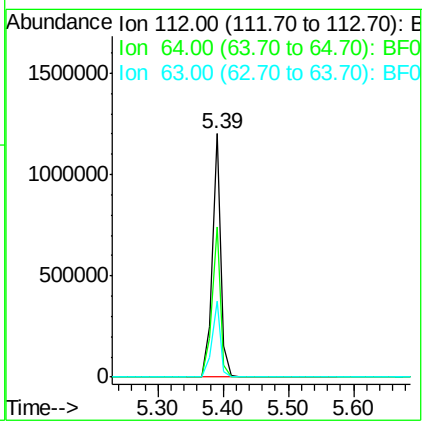


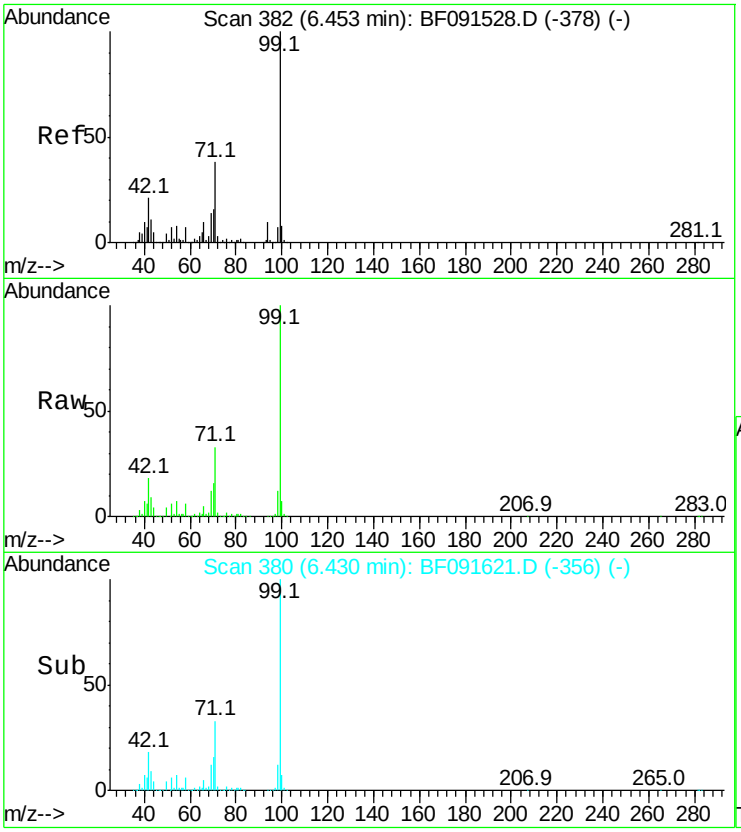


#5
2-Fluorophenol
Concen: 60.69 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Tgt Ion:112 Resp: 1115567

Ion	Ratio	Lower	Upper
112	100		
64	61.5	61.5	92.3#
63	31.4	33.3	49.9#



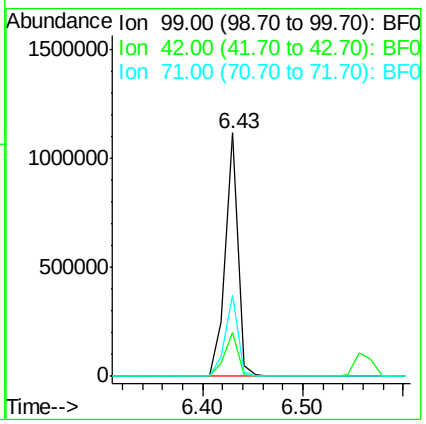


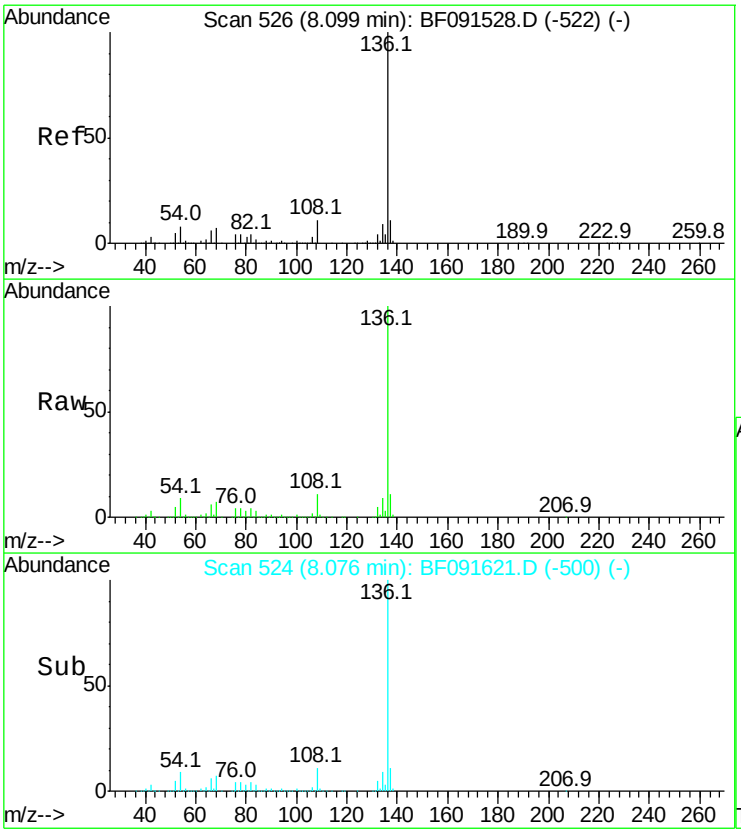
#7
Phenol-d6
Concen: 42.81 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 981007

Ion	Ratio	Lower	Upper
99	100		
42	18.0	20.6	31.0#
71	33.5	29.9	44.9

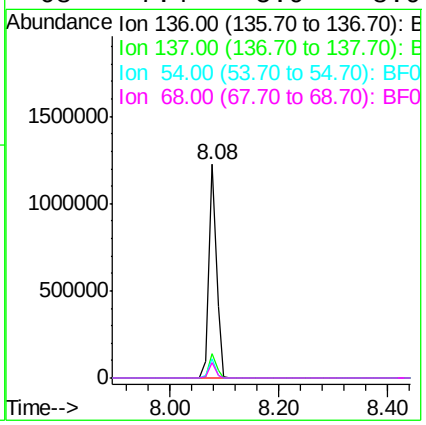


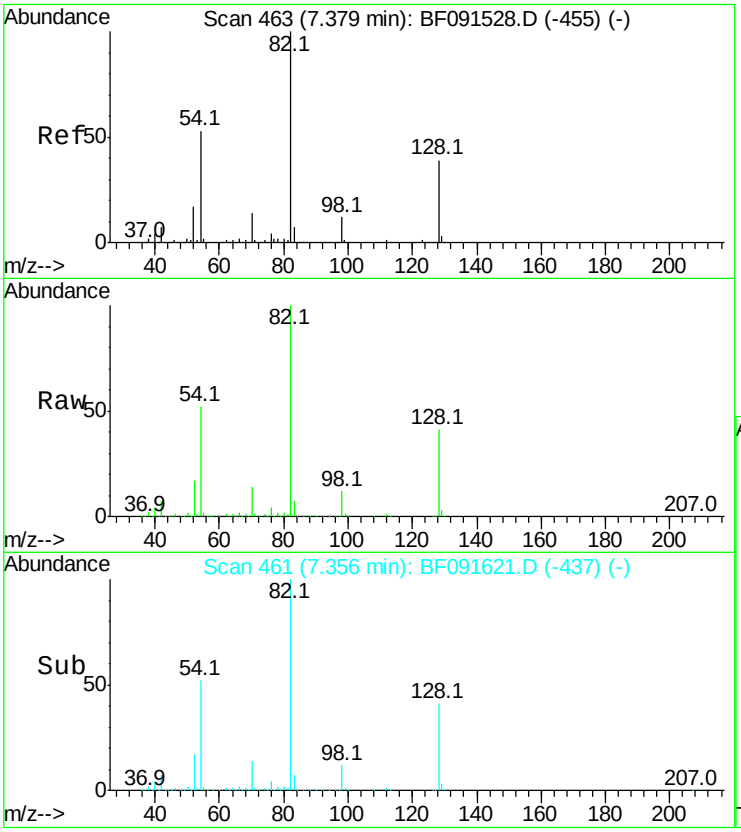


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Tgt Ion:136 Resp: 1200895

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.3	9.1	13.7
68	7.4	5.9	8.9

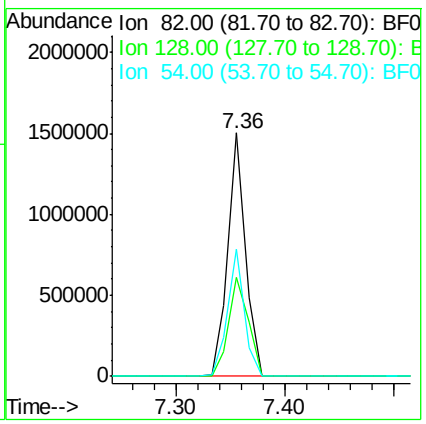




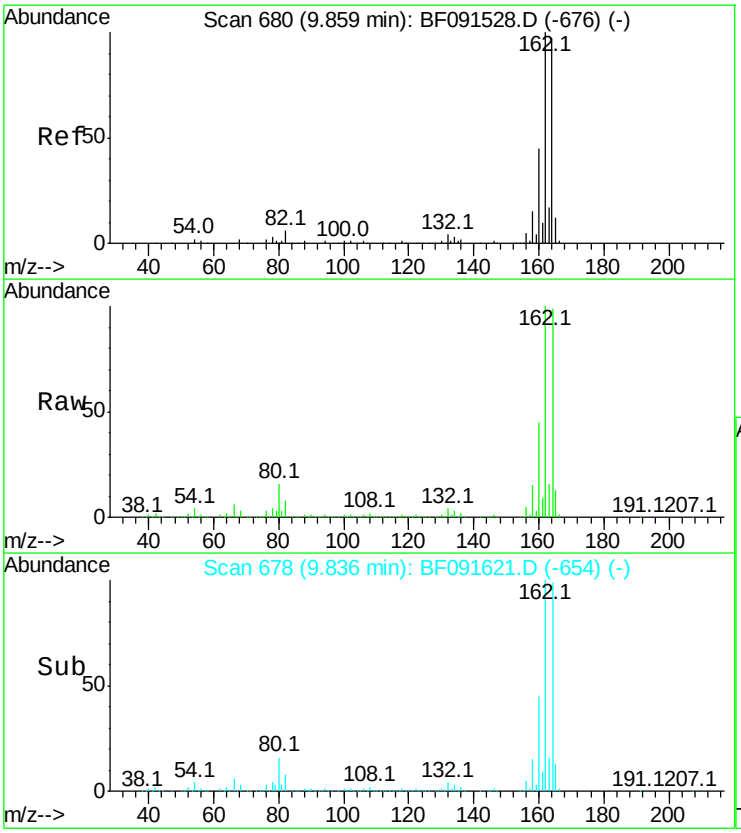
#23
Nitrobenzene-d5
Concen: 78.35 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Tgt Ion: 82 Resp: 1685873

Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.8	47.6
54	52.1	49.1	73.7



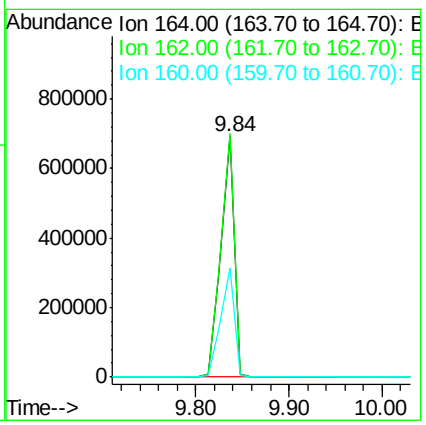
Instrument :
BNA_F
ClientSampleId :
MW-12

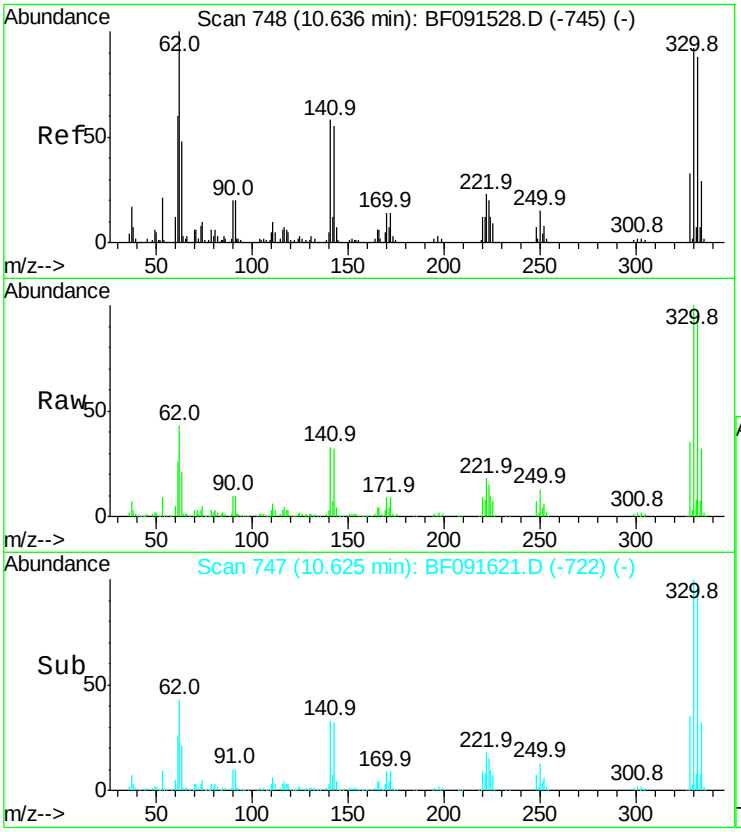


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Tgt Ion:164 Resp: 687748

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	124.0
160	45.2	36.7	55.1



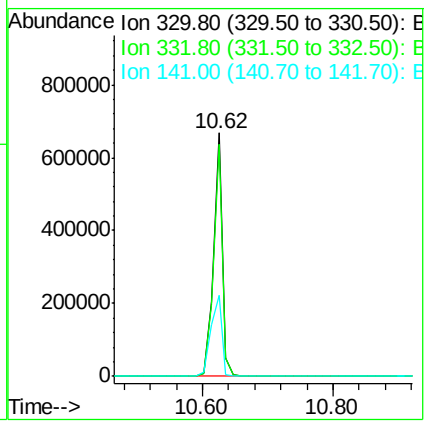


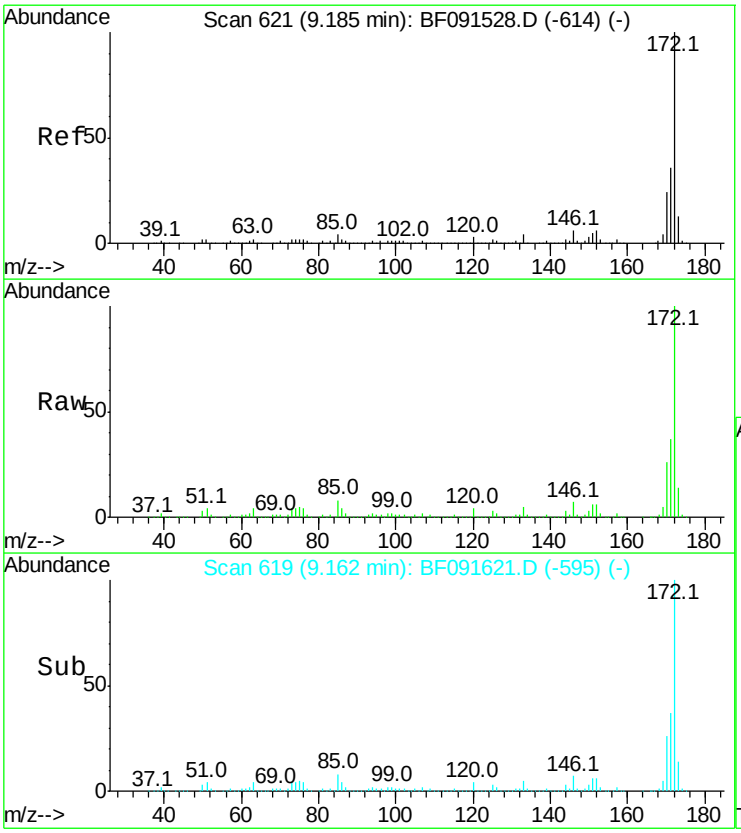
#41
2,4,6-Tribromophenol
Concen: 114.06 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:330 Resp: 651535

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	40.6	33.6	50.4

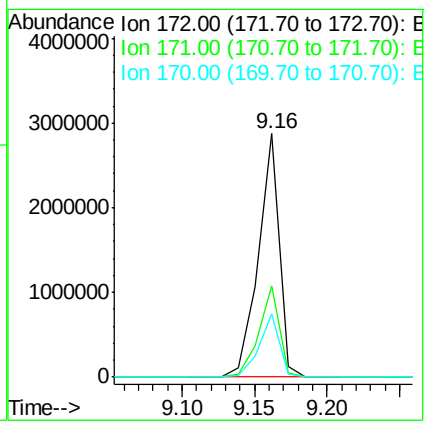


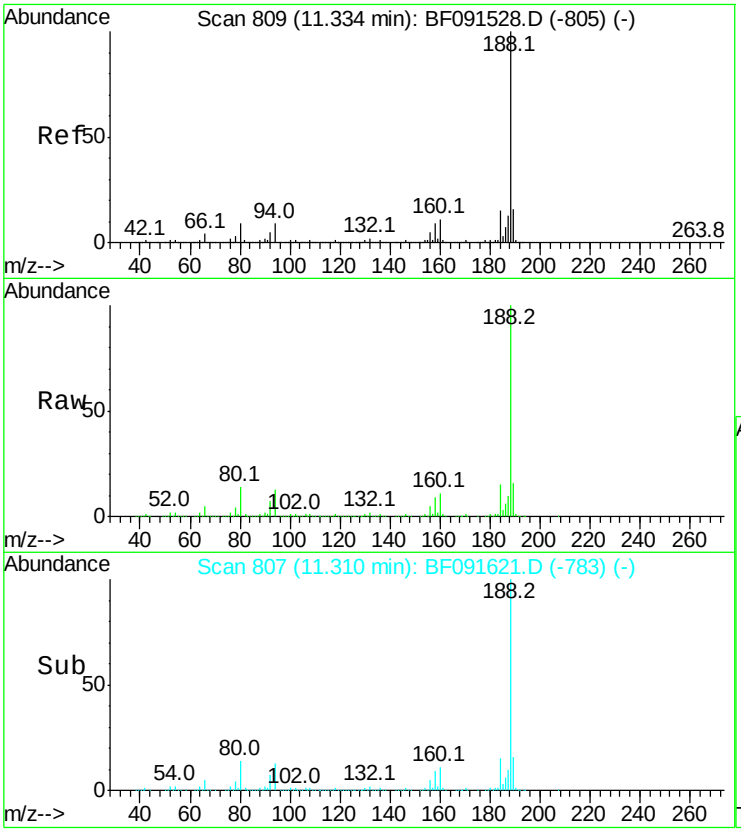


#44
2-Fluorobiphenyl
Concen: 72.01 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Tgt Ion:172 Resp: 2866247

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	25.8	19.7	29.5



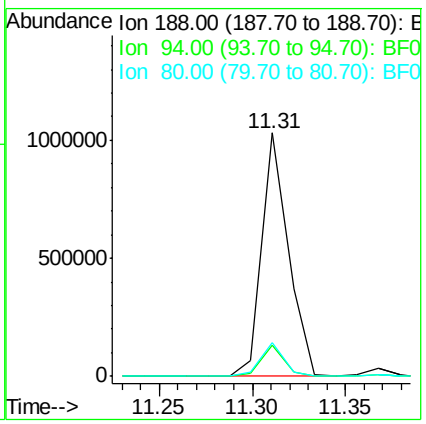


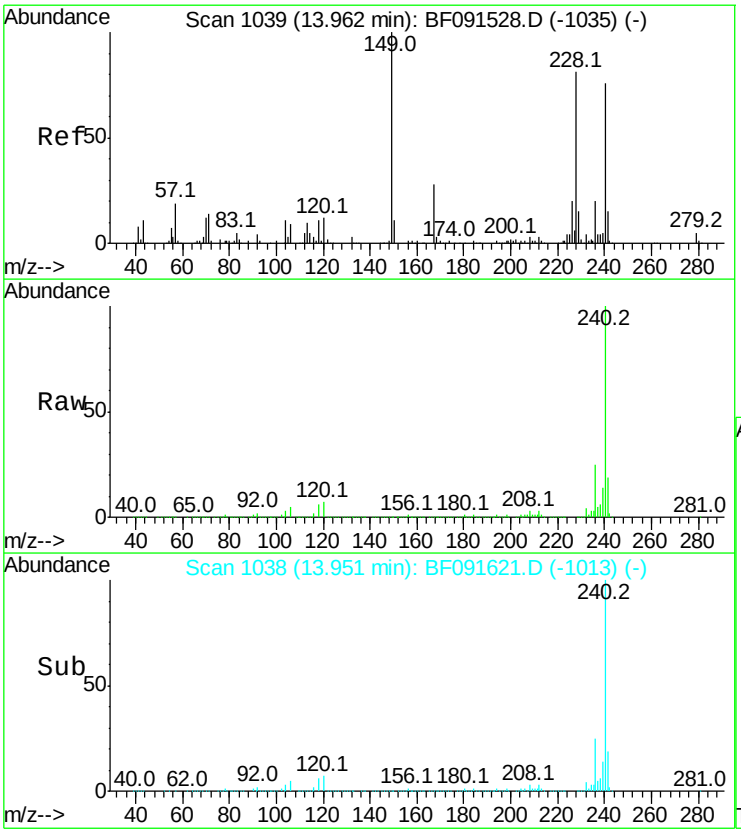
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:188 Resp: 1013072

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.2	13.8
80	13.7	10.5	15.7

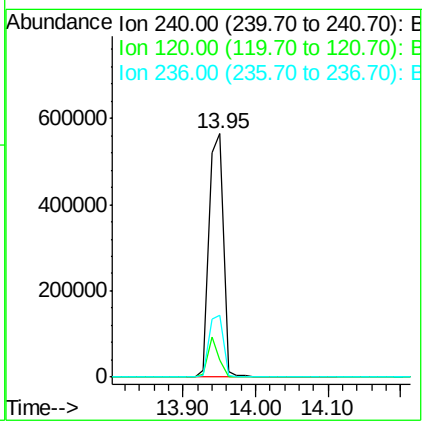


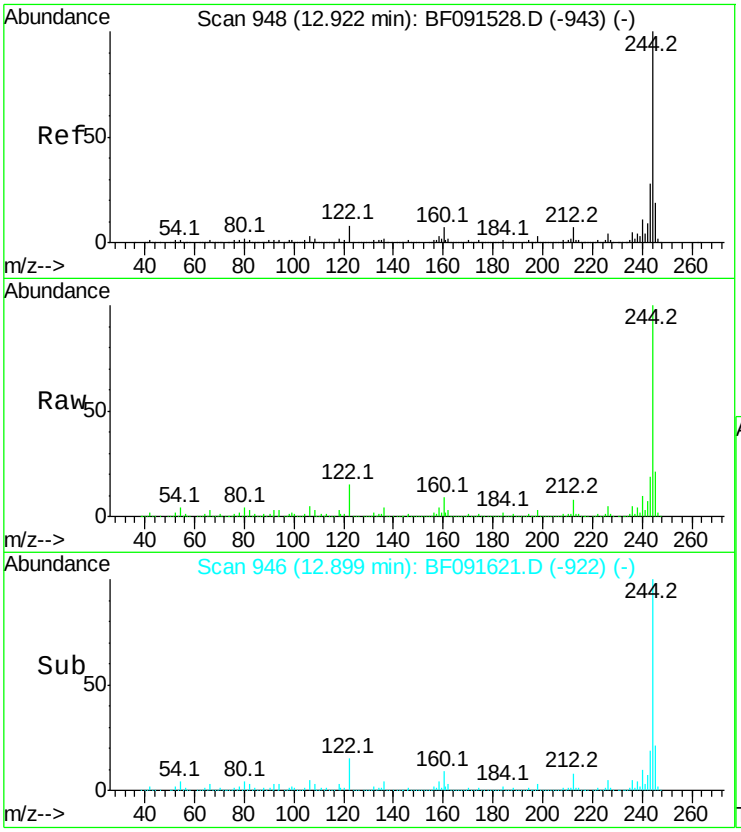


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Tgt Ion:240 Resp: 773212

Ion	Ratio	Lower	Upper
240	100		
120	6.9	12.1	18.1#
236	25.5	21.0	31.6



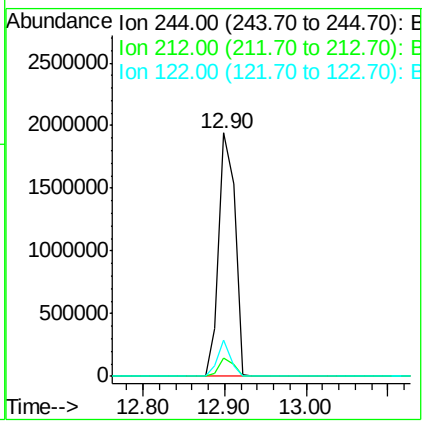


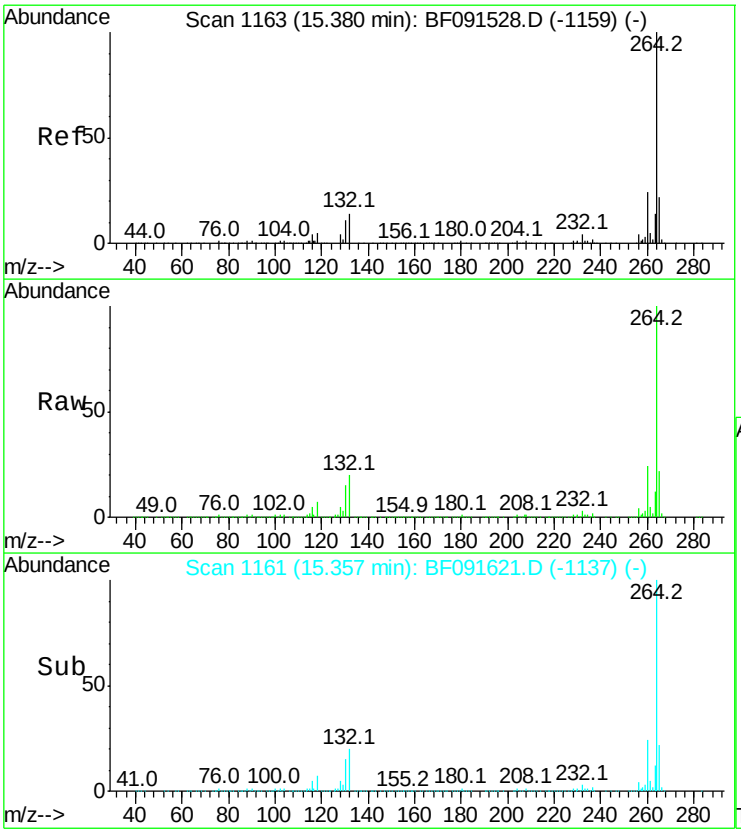
#78
Terphenyl-d14
Concen: 78.44 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF091621.D
Acq: 15 Dec 2016 10:21

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 2672888

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	14.9	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: BF091621.D
Acq: 15 Dec 2016 10:21

Tgt Ion:264 Resp: 597269

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.8	17.0	25.6