Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Time: Dec 17 23:39:49 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	152328	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	864198	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	421424	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	536887	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	310485	20.00	ng	-0.01
86) Perylene-d12	15.33	264	384273	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	865606	95.74	ng	0.00
7) Phenol-d6	6.43	99	437486	38.81	ng	0.00
23) Nitrobenzene-d5	7.34	82	1506890	97.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	377242	107.77	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2245751	92.08	ng	0.00
78) Terphenyl-d14	12.89	244	1447558	105.79	ng	-0.01

Target Compounds	Qvalue

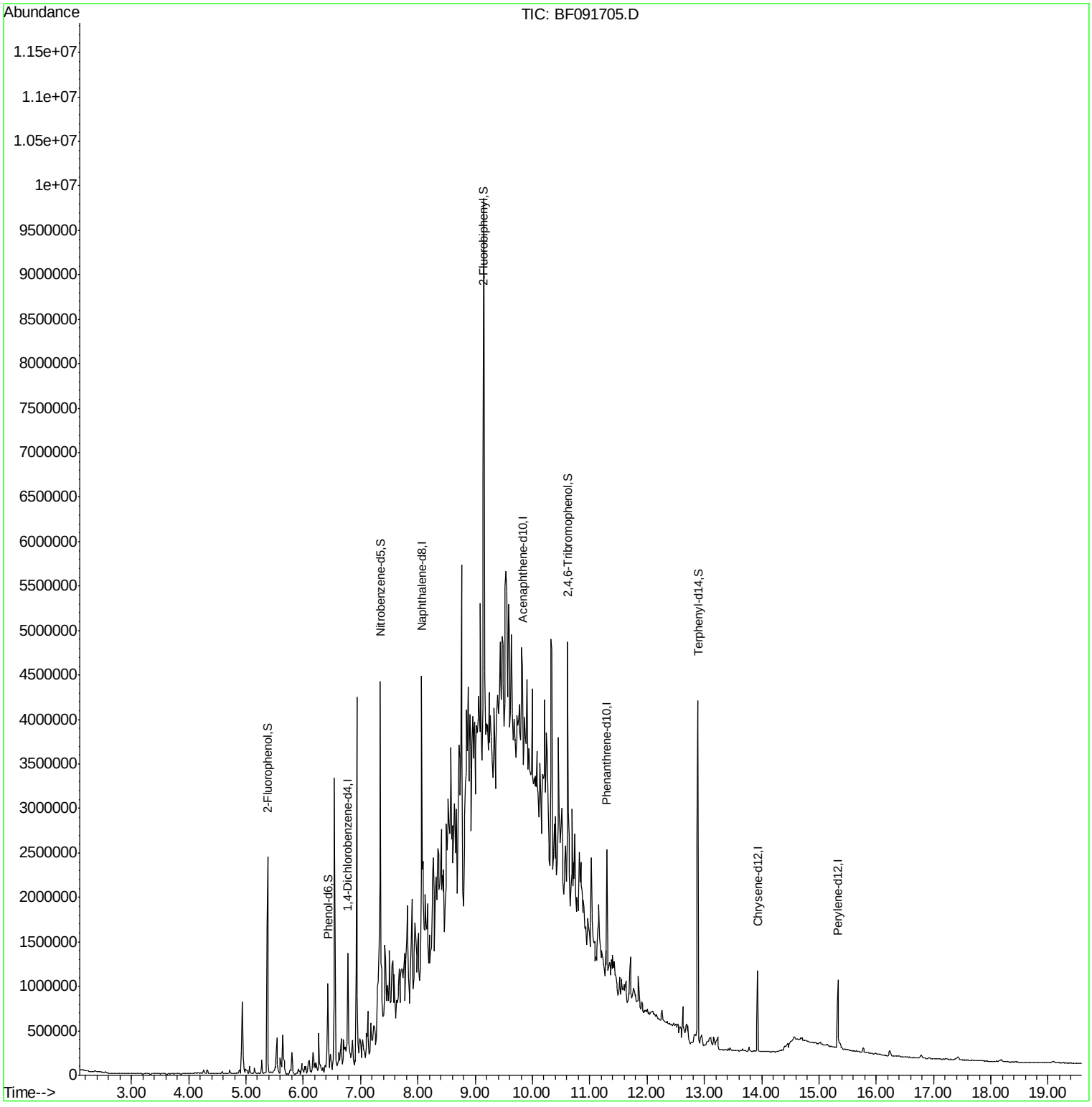
(#) = qualifier out of range (m) = manual integration (+) = signals summed

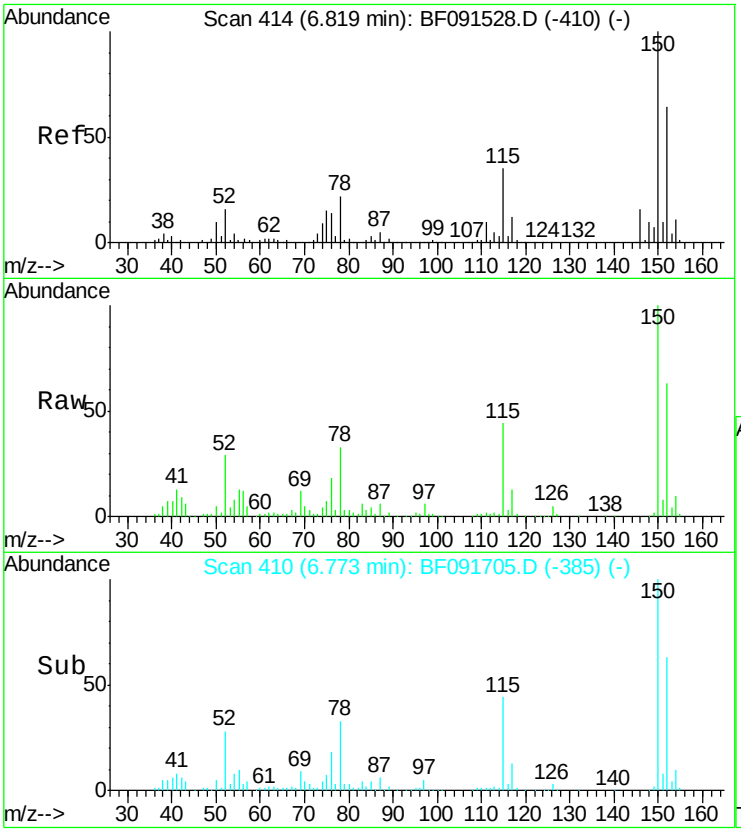
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091705.D
Acq On : 17 Dec 2016 7:21
Operator : UM/SJ
Sample : H6091-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

Quant Time: Dec 17 23:39:49 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



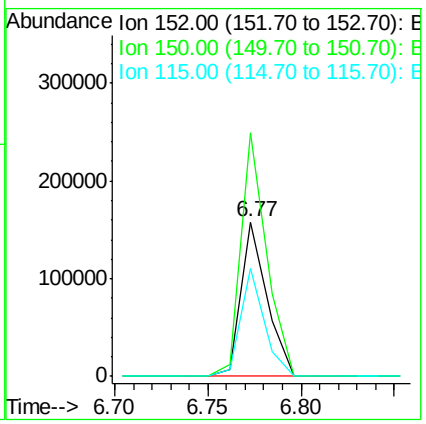


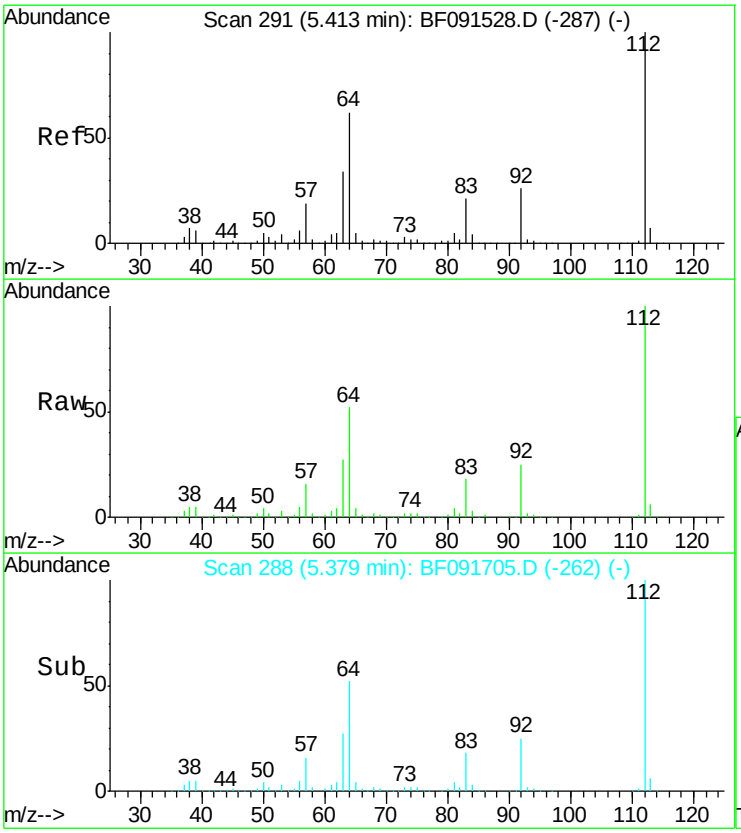
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:152 Resp: 152328

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.5	183.7
115	70.3	51.8	77.8

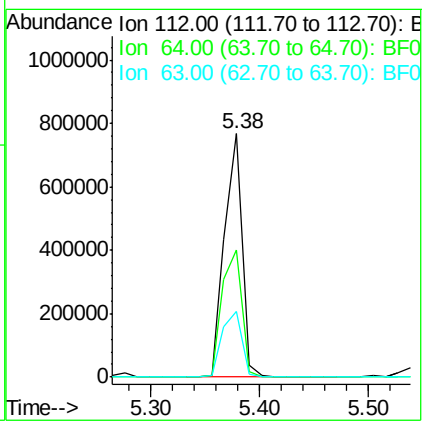


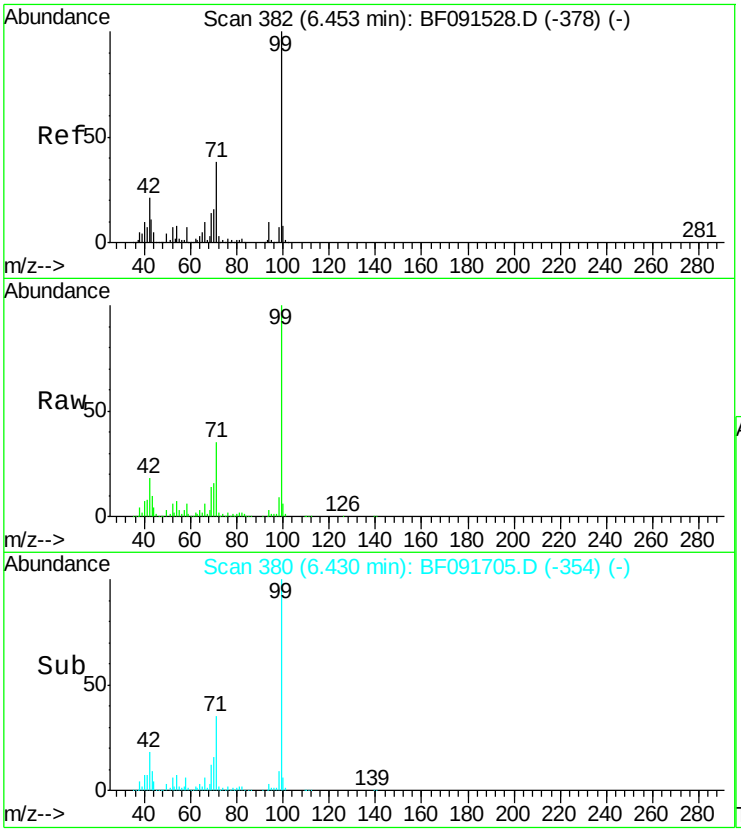


#5
2-Fluorophenol
Concen: 95.74 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Tgt Ion:112 Resp: 865606

Ion	Ratio	Lower	Upper
112	100		
64	52.5	61.5	92.3#
63	27.1	33.3	49.9#



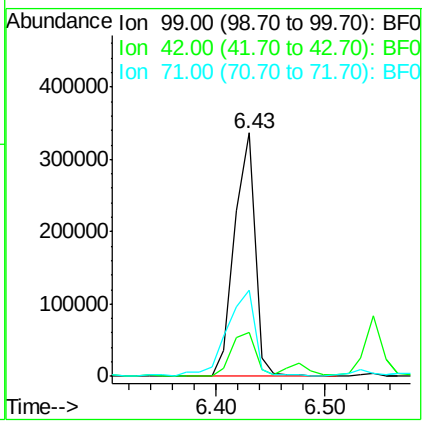


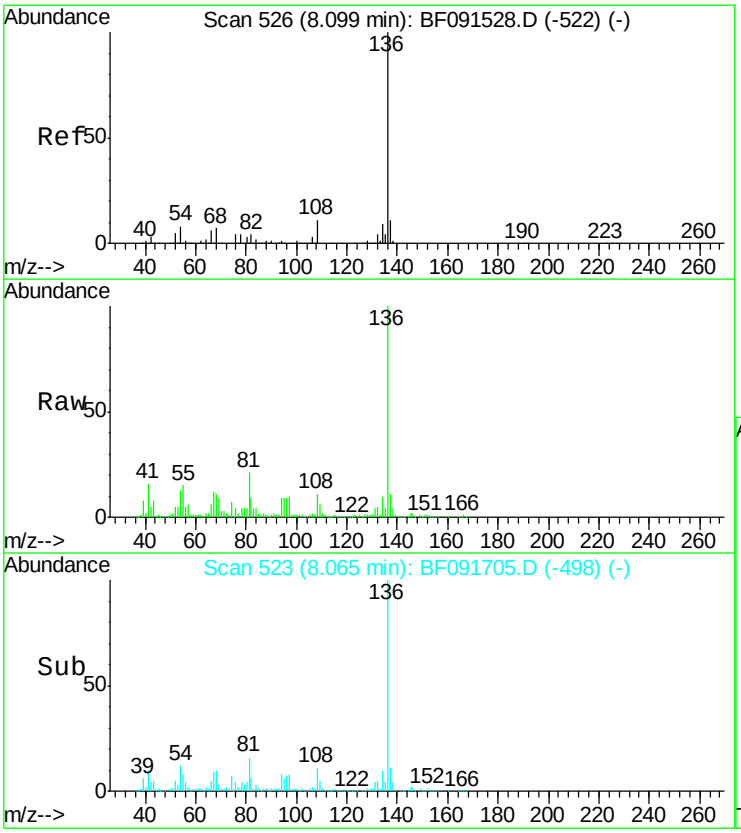
#7
Phenol-d6
Concen: 38.81 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 99 Resp: 437486

Ion	Ratio	Lower	Upper
99	100		
42	18.0	20.6	31.0#
71	35.2	29.9	44.9

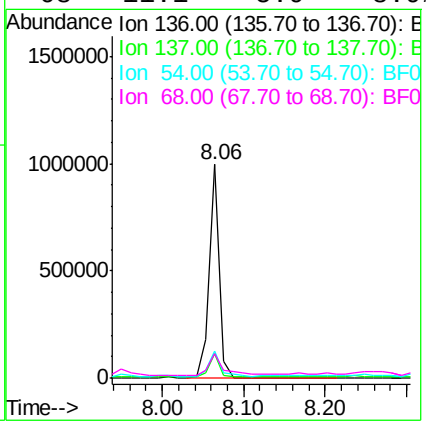


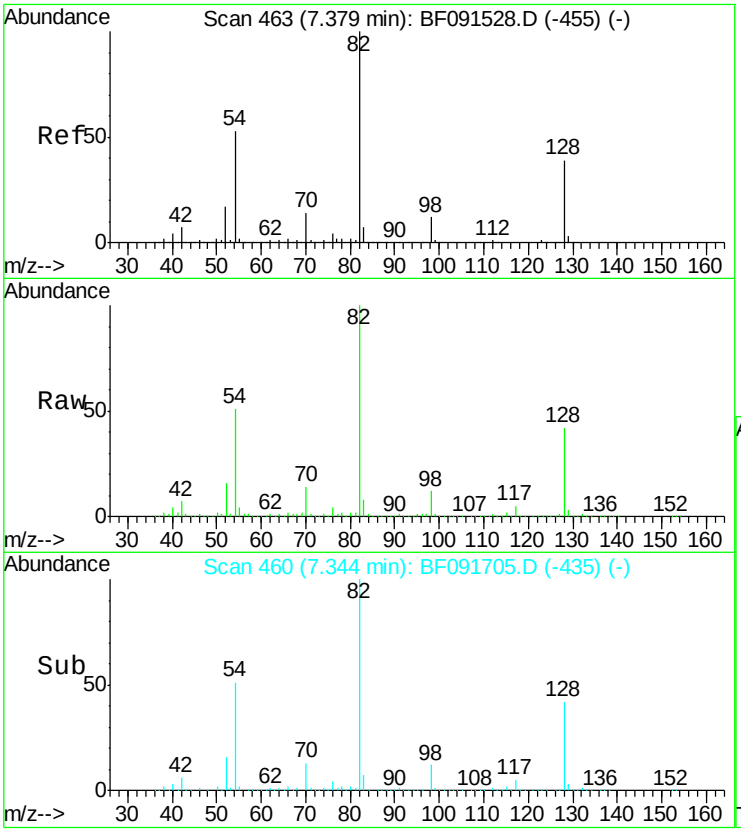


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Tgt Ion:136 Resp: 864198

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	12.6	9.1	13.7
68	11.1	5.9	8.9#



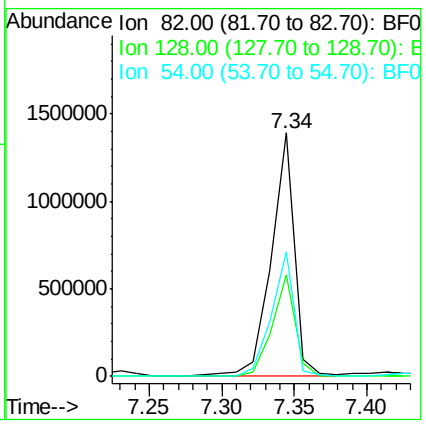


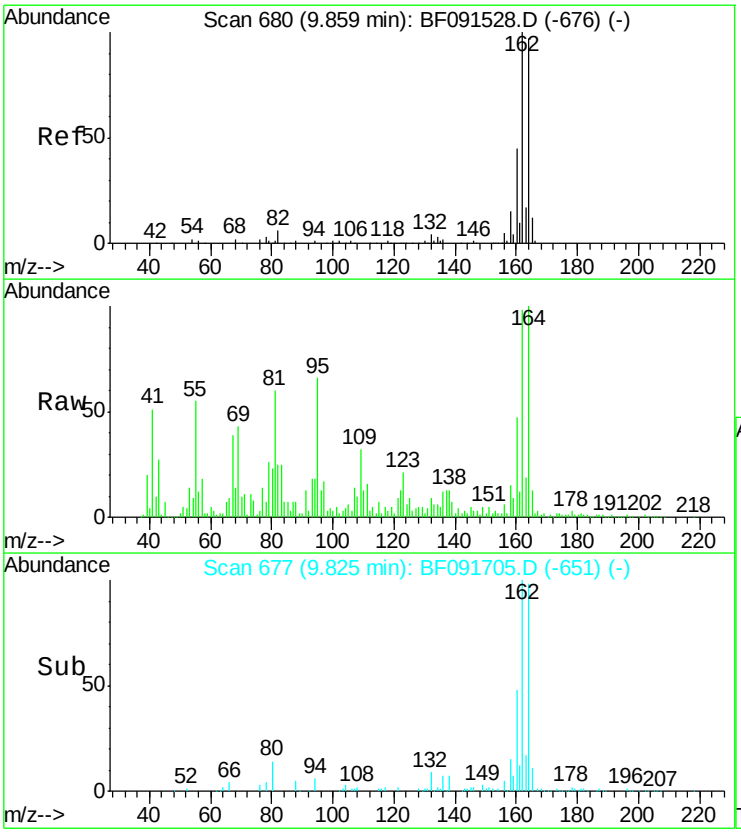
#23
Nitrobenzene-d5
Concen: 97.32 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 82 Resp: 1506890

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.8	47.6
54	51.0	49.1	73.7

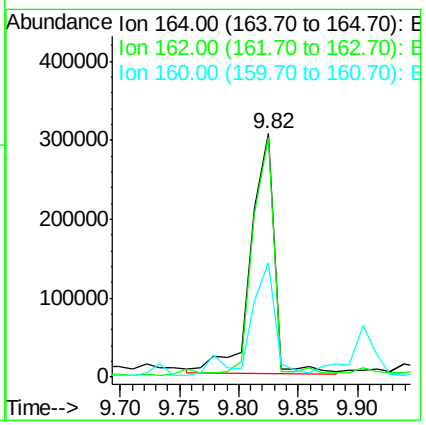


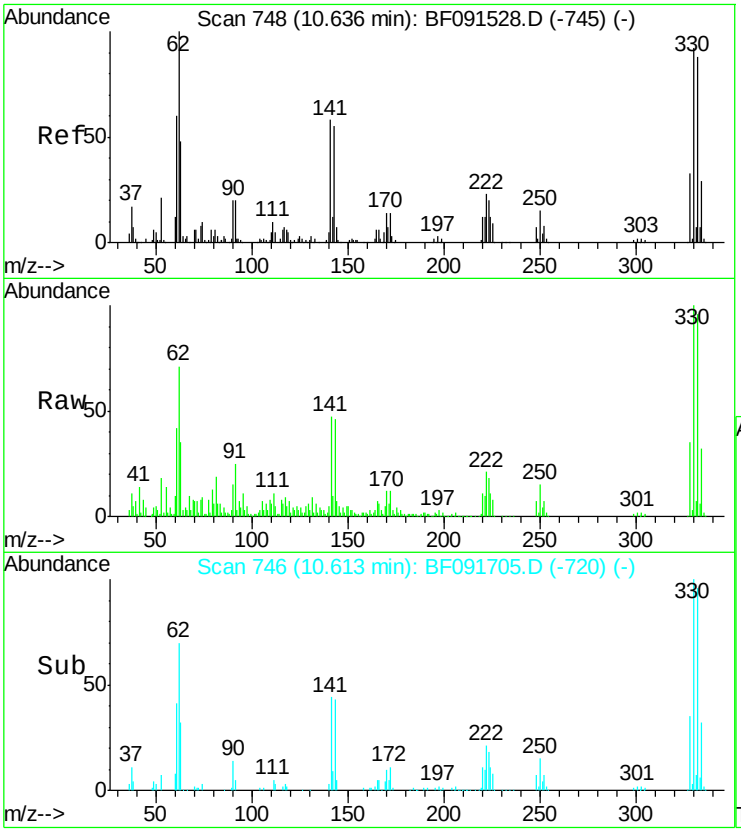


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Tgt Ion:164 Resp: 421424

Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.6	124.0
160	46.8	36.7	55.1



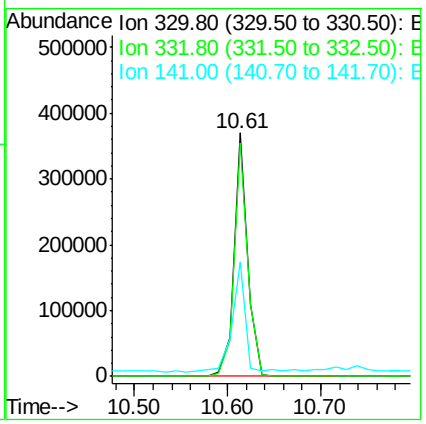


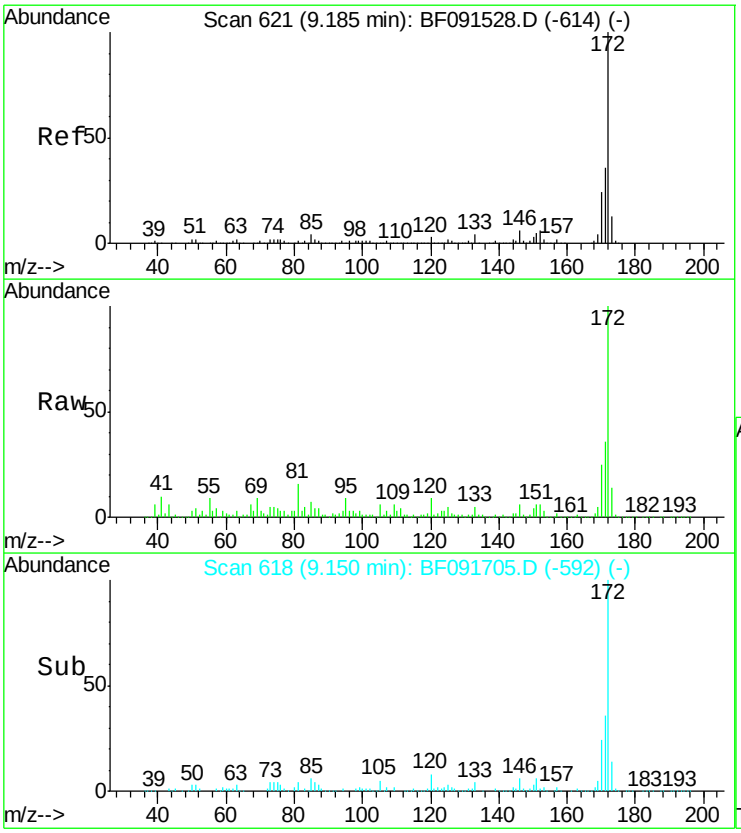
#41
2,4,6-Tribromophenol
Concen: 107.77 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:330 Resp: 377242

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	43.5	33.6	50.4

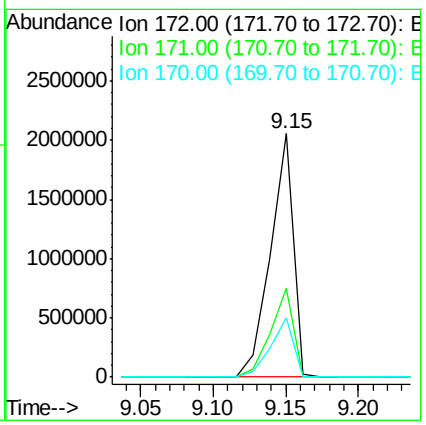


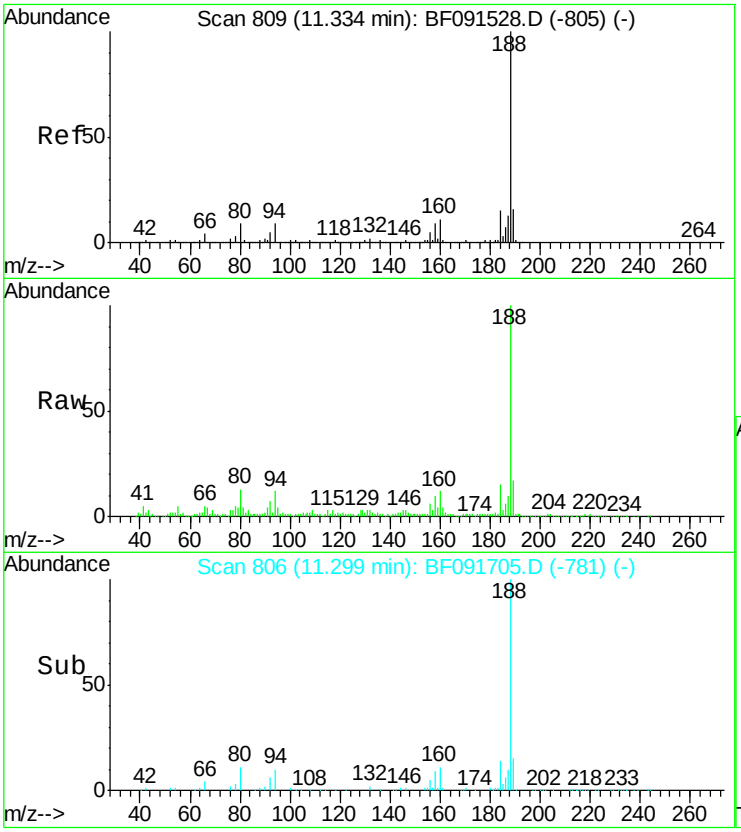


#44
2-Fluorobiphenyl
Concen: 92.08 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Tgt Ion:172 Resp: 2245751

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	19.7	29.5



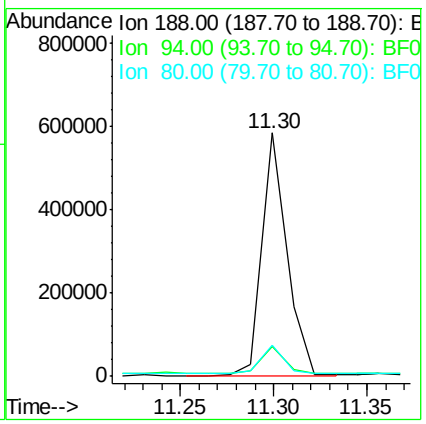


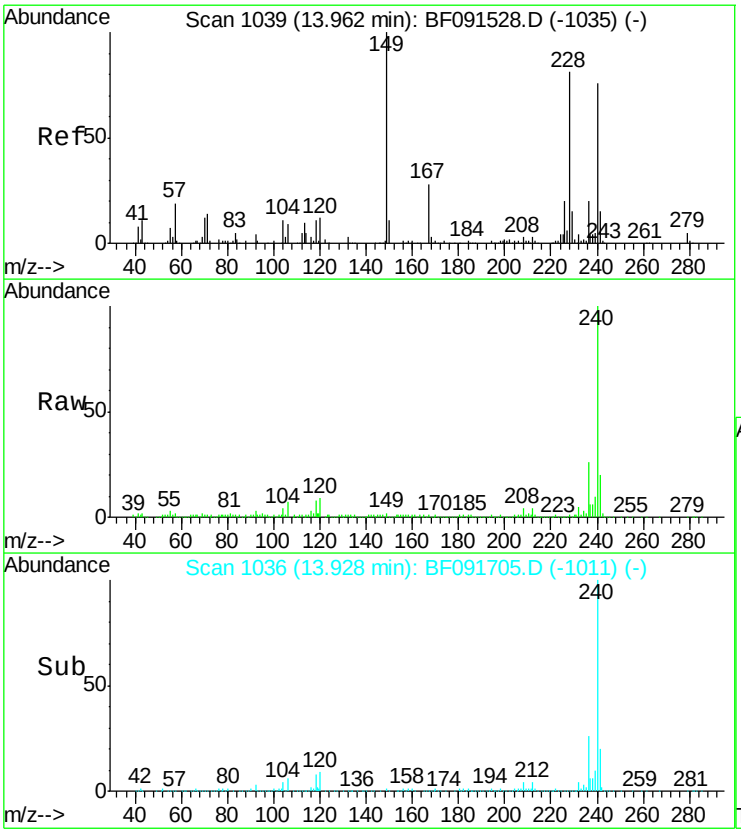
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:188 Resp: 536887

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.2	13.8
80	13.0	10.5	15.7

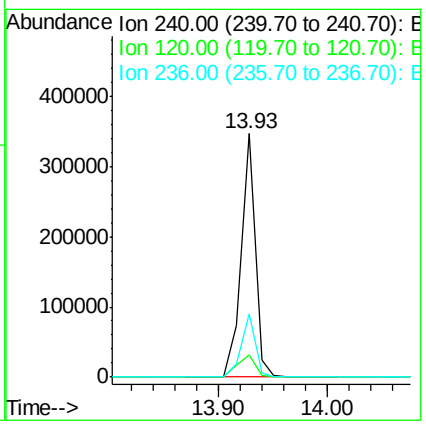


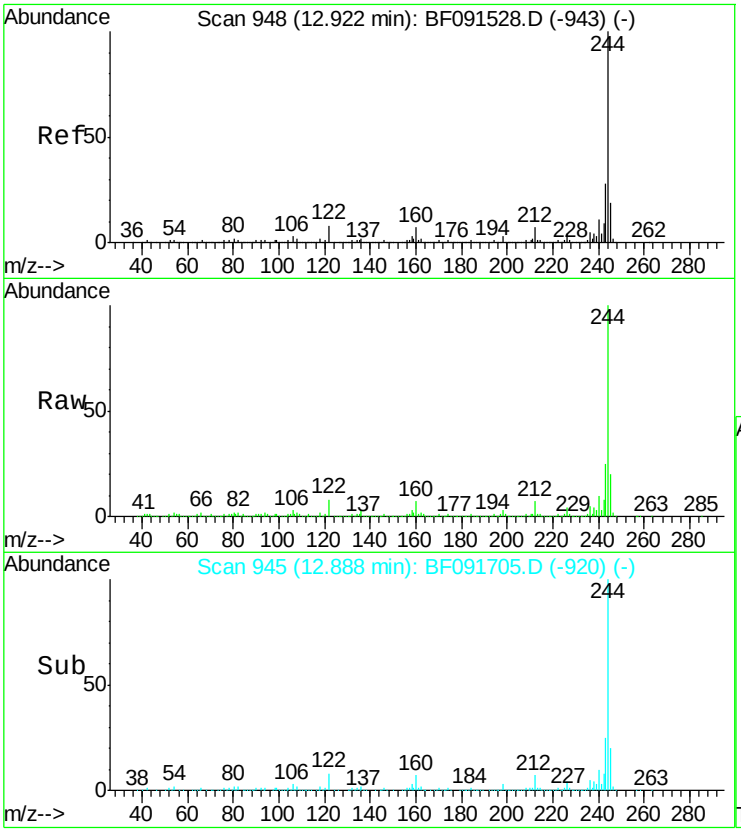


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Tgt Ion:240 Resp: 310485

Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.1	18.1#
236	25.8	21.0	31.6



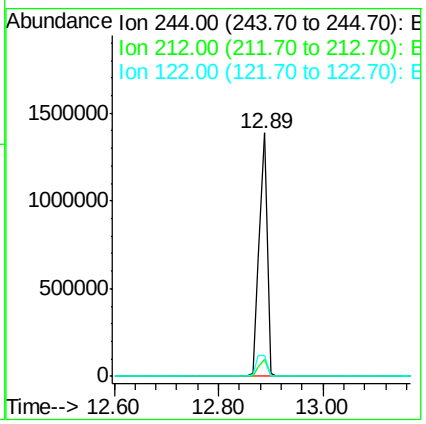


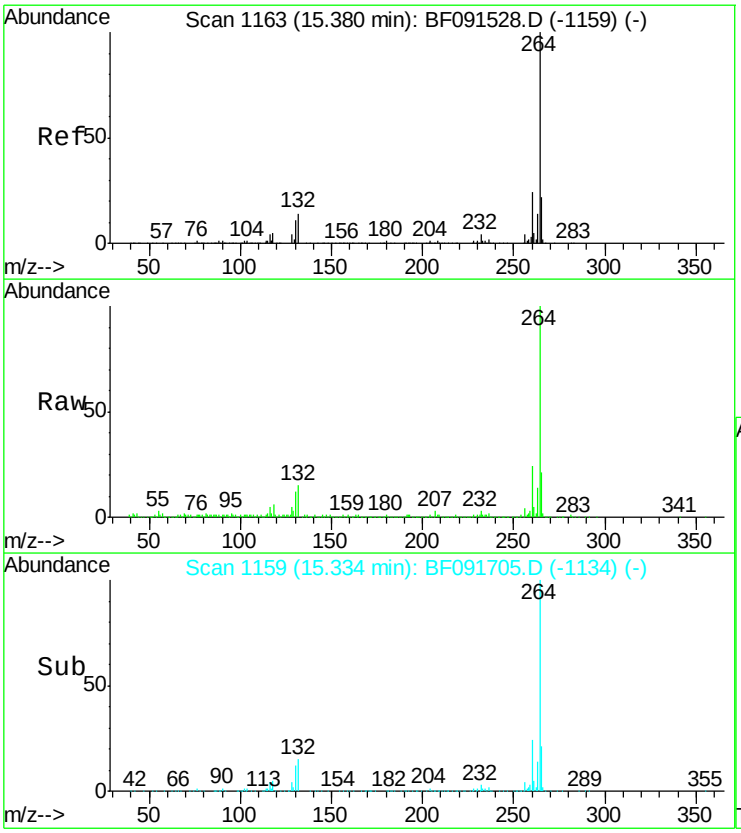
#78
Terphenyl-d14
Concen: 105.79 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:244 Resp: 1447558

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	8.4	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF091705.D
Acq: 17 Dec 2016 7:21

Tgt Ion:264 Resp: 384273

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.2	17.0	25.6