Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087058.D
Acq On : 15 May 2016 9:41
Operator : UM/SJ
Sample : H3052-10
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-27

Quant Time: May 16 07:18:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144180	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	580898	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	250605	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	401107	20.00	ng	0.00
75) Chrysene-d12	13.75	240	297355	20.00	ng	-0.01
86) Perylene-d12	15.12	264	334292	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	482662	56.69	ng	0.00
7) Phenol-d6	6.28	99	410420	36.07	ng	0.00
23) Nitrobenzene-d5	7.19	82	919643	79.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	292469	110.24	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1433143	96.11	ng	0.00
78) Terphenyl-d14	12.71	244	784844	56.00	ng	0.00

Target Compounds	Qvalue

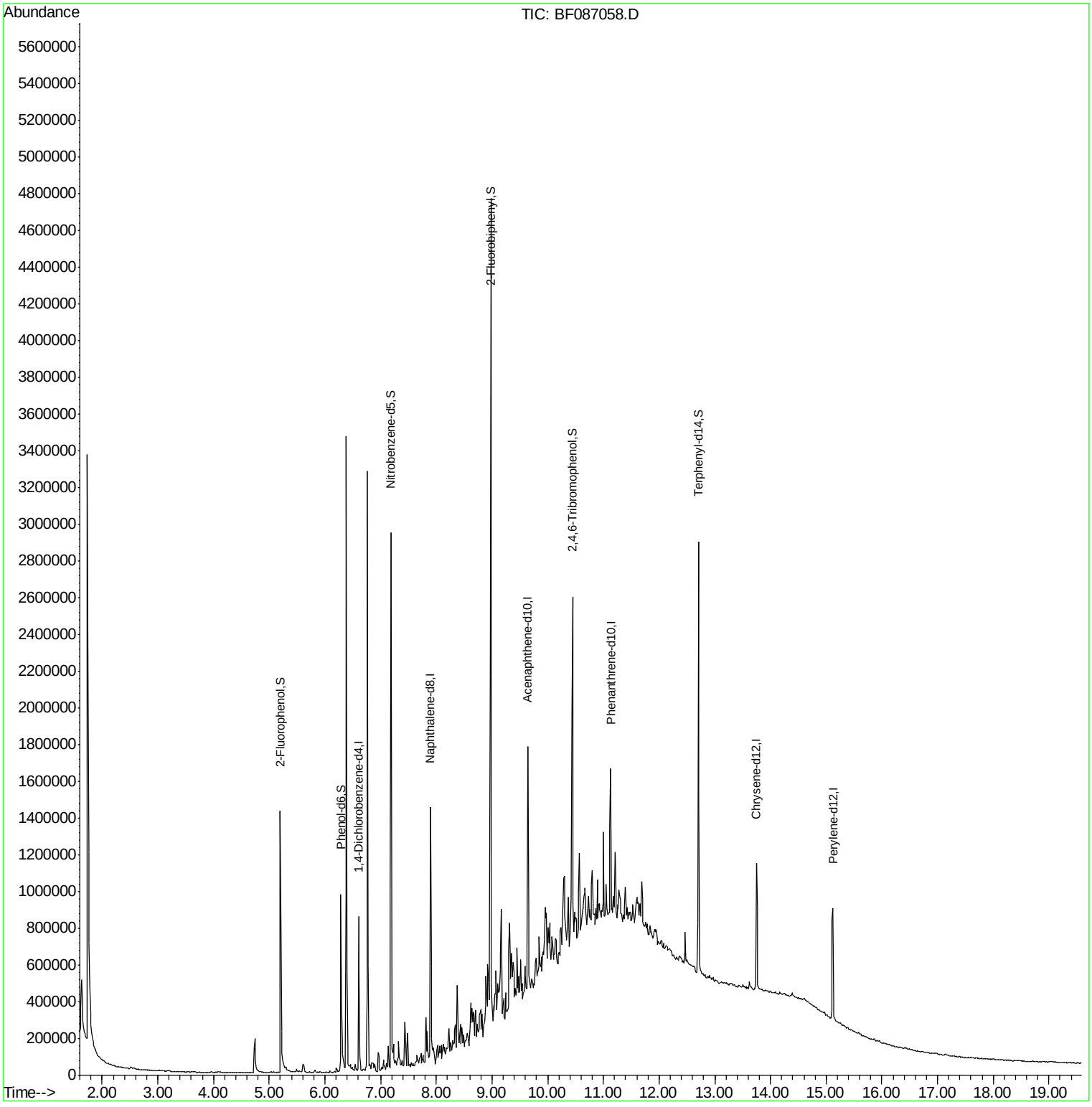
(#) = qualifier out of range (m) = manual integration (+) = signals summed

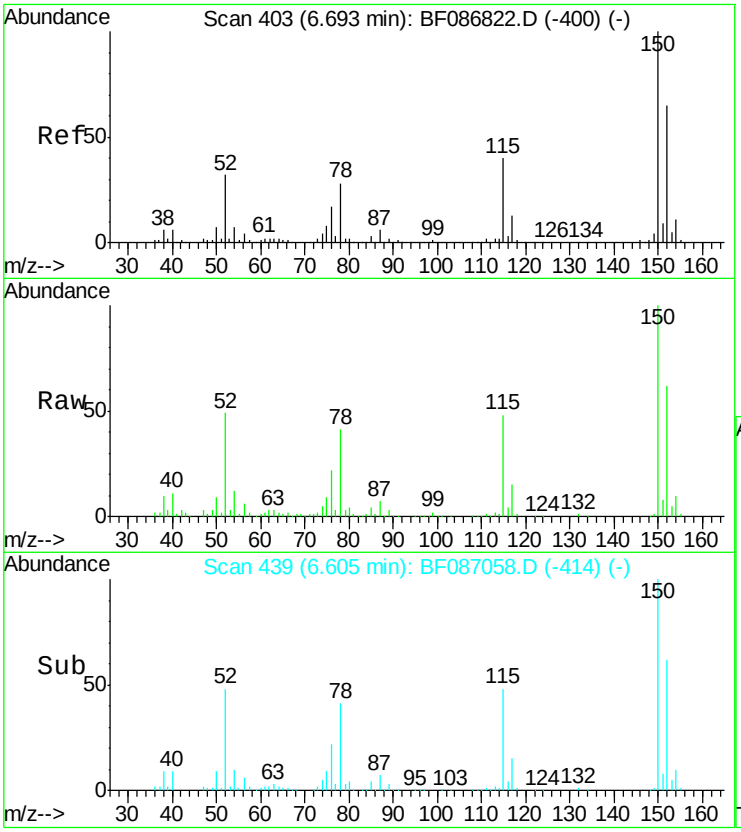
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087058.D
Acq On : 15 May 2016 9:41
Operator : UM/SJ
Sample : H3052-10
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-27

Quant Time: May 16 07:18:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration



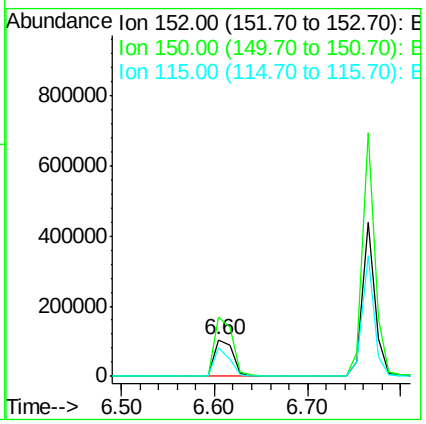


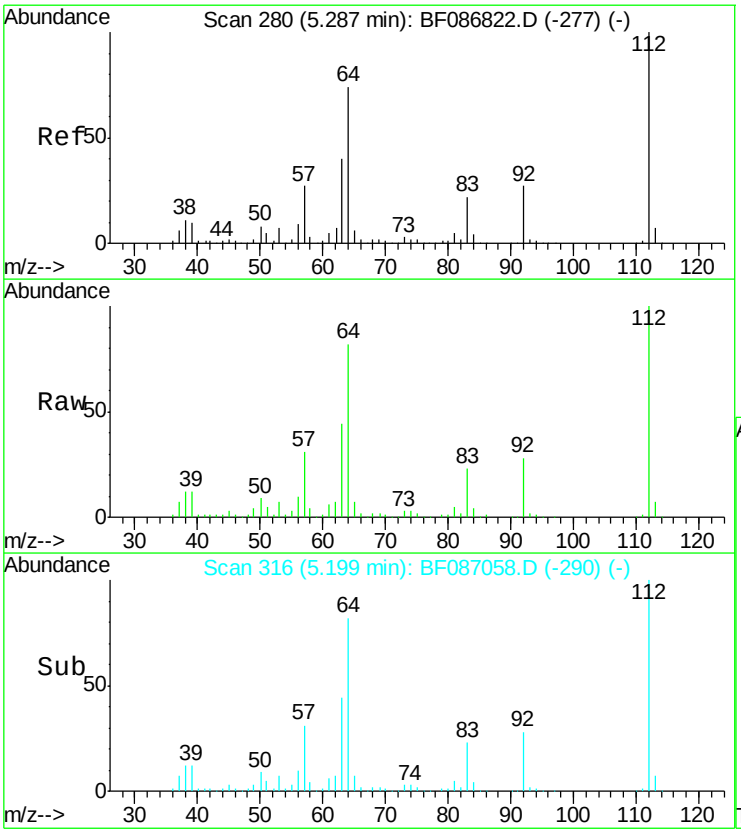
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion:152 Resp: 144180

Ion	Ratio	Lower	Upper
152	100		
150	160.4	125.8	188.6
115	77.2	51.5	77.3

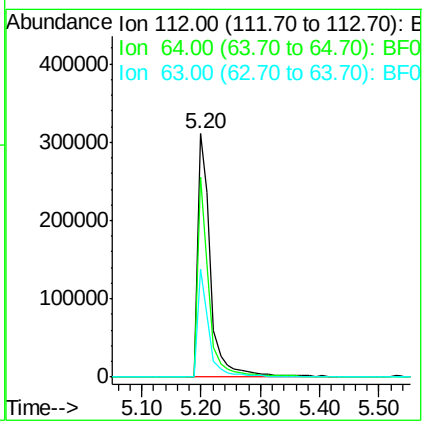


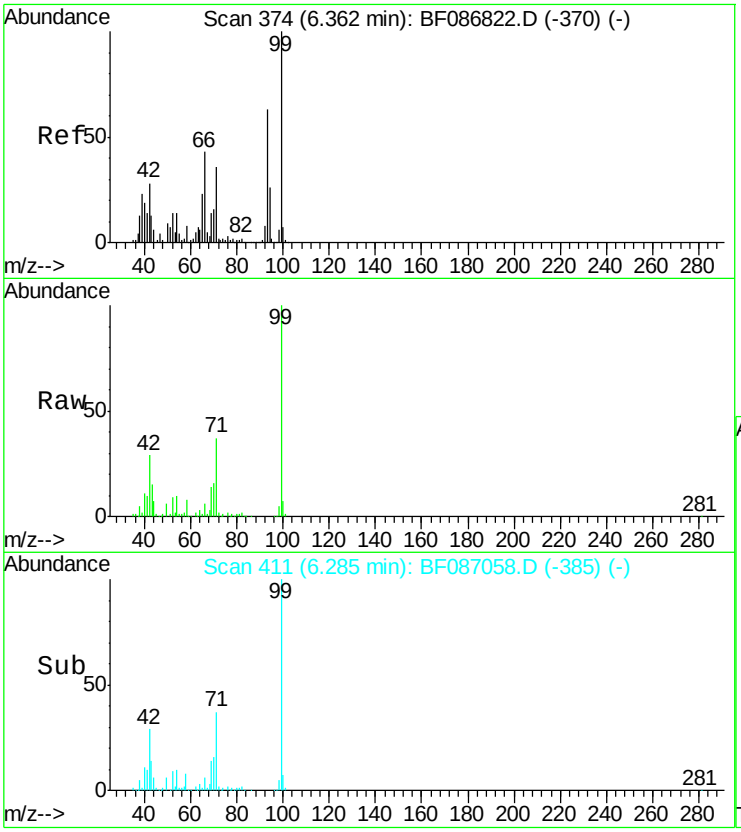


#5
2-Fluorophenol
Concen: 56.69 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion:112 Resp: 482662

Ion	Ratio	Lower	Upper
112	100		
64	82.0	52.1	78.1#
63	44.4	25.7	38.5#



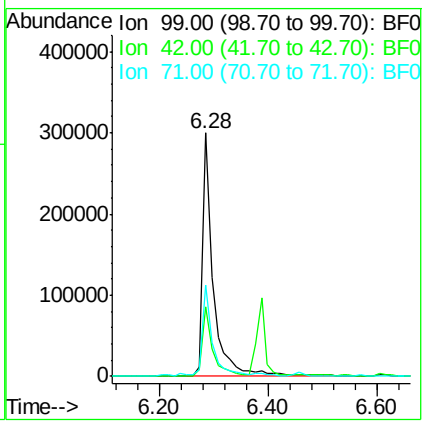


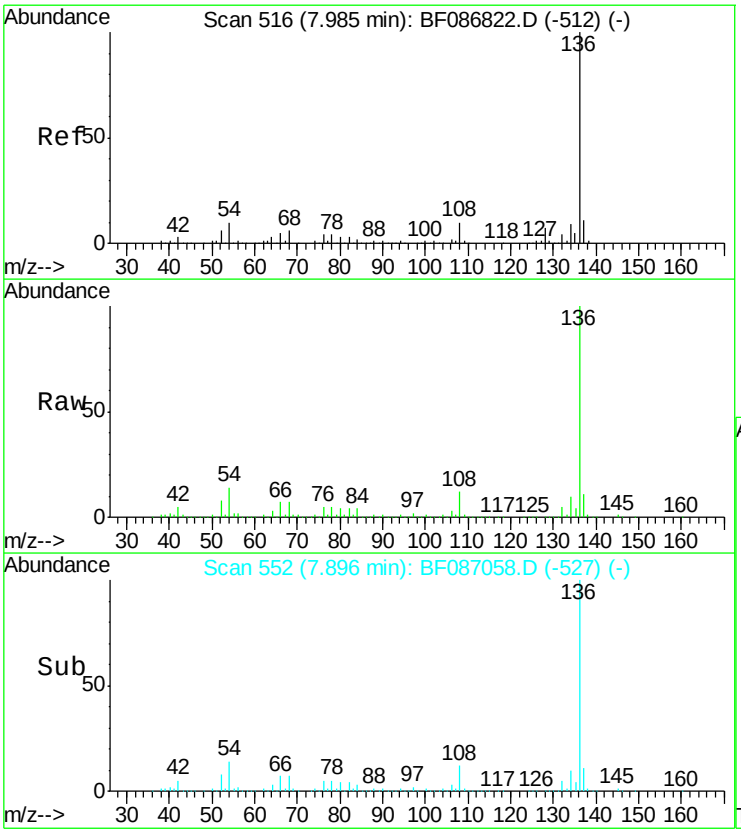
#7
Phenol-d6
Concen: 36.07 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion: 99 Resp: 410420

Ion	Ratio	Lower	Upper
99	100		
42	28.7	13.6	20.4#
71	37.4	24.6	36.8#

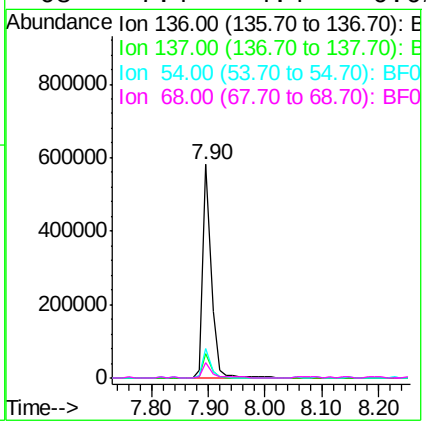


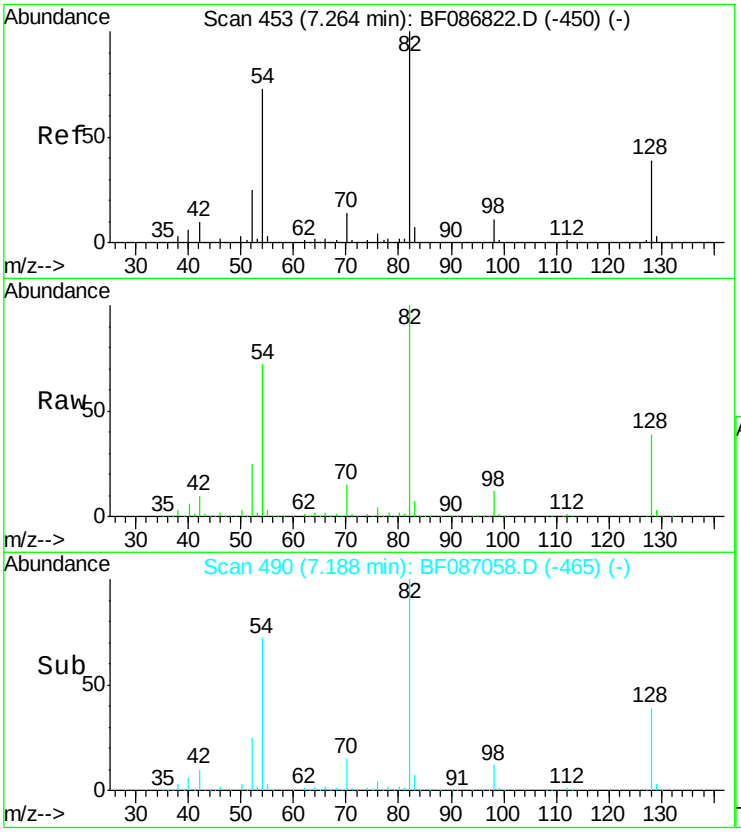


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion:136 Resp: 580898

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.9	5.0	7.4#
68	7.4	4.4	6.6#



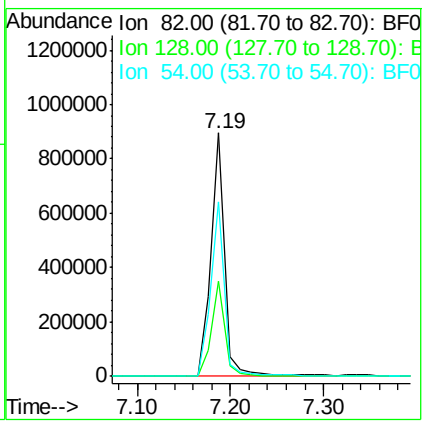


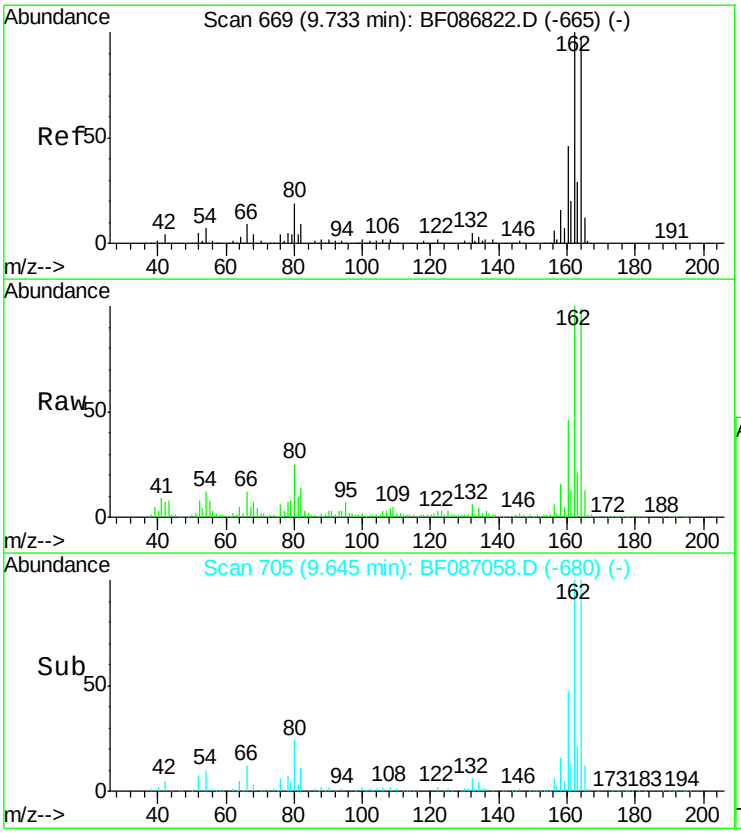
#23
Nitrobenzene-d5
Concen: 79.49 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion: 82 Resp: 919643

Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	71.6	38.1	57.1#

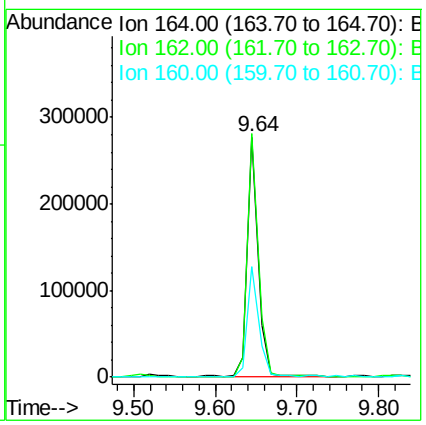


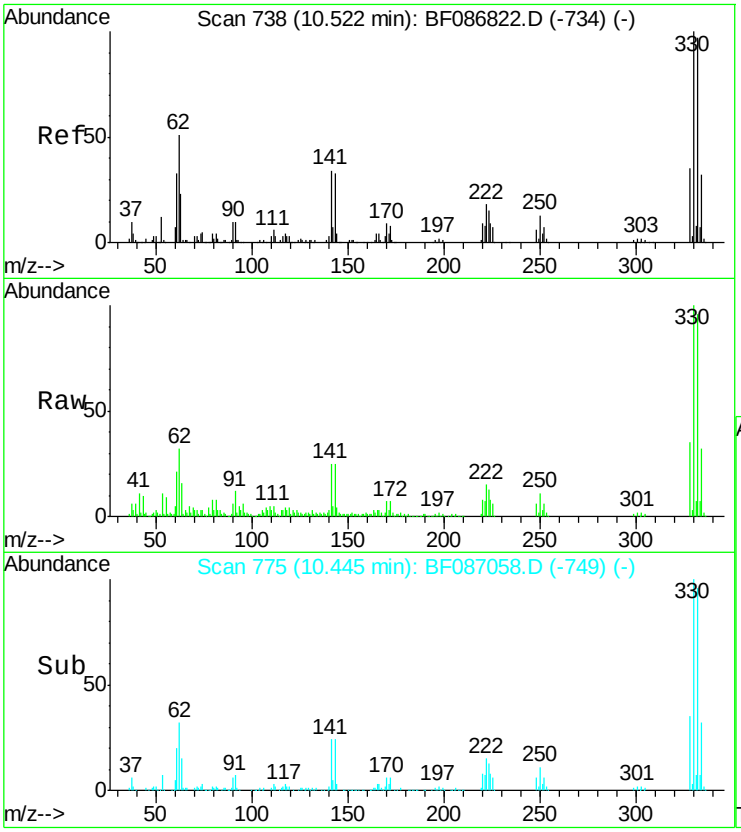


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion:164 Resp: 250605

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.8	124.2
160	46.3	36.9	55.3



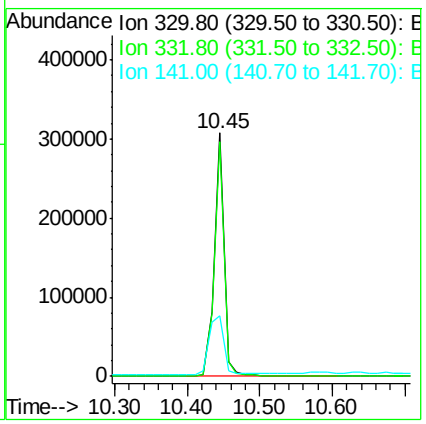


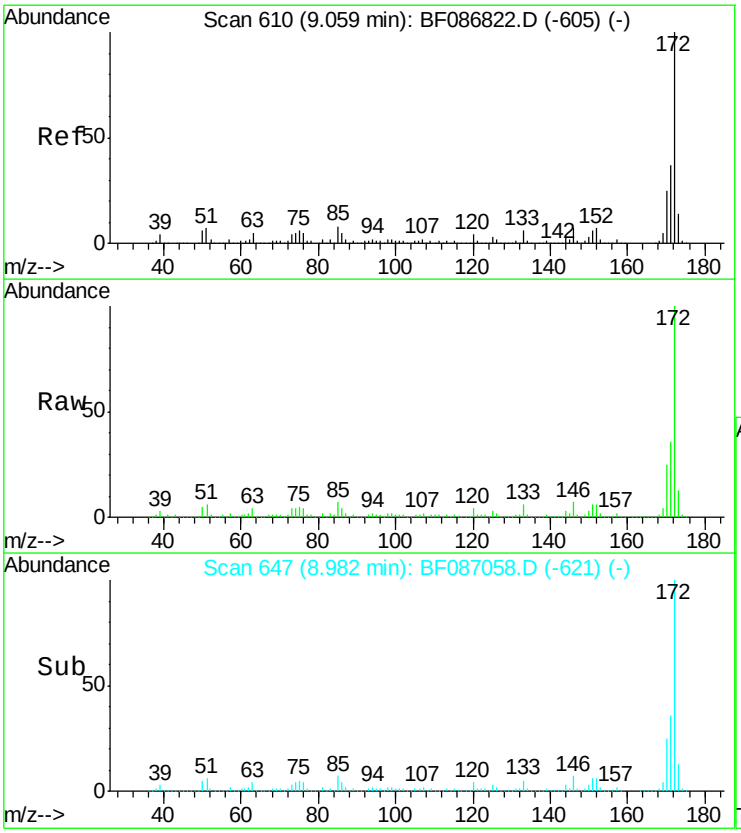
#41
2,4,6-Tribromophenol
Concen: 110.24 ng
RT: 10.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion:330 Resp: 292469

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	35.3	31.2	46.8

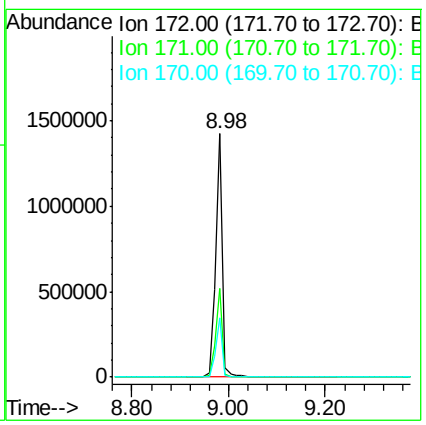


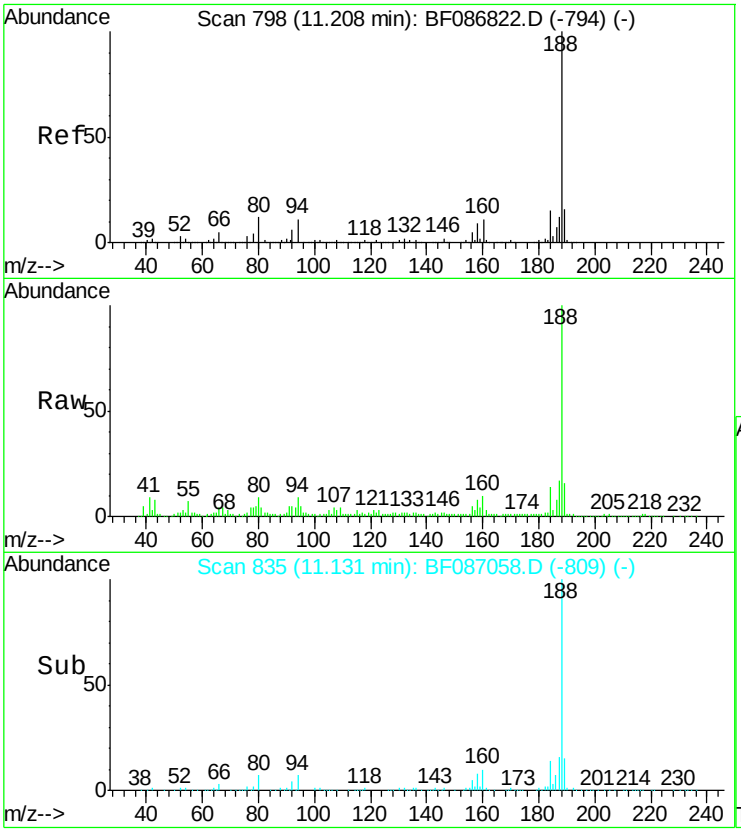


#44
2-Fluorobiphenyl
Concen: 96.11 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion:172 Resp: 1433143

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	19.8	29.8



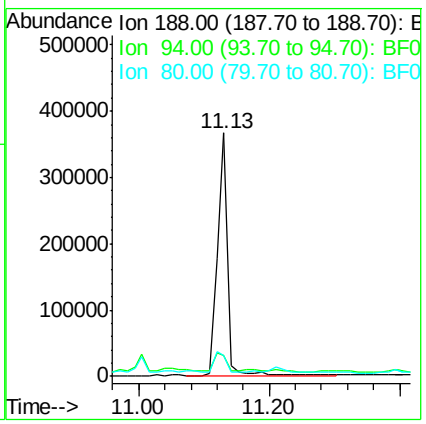


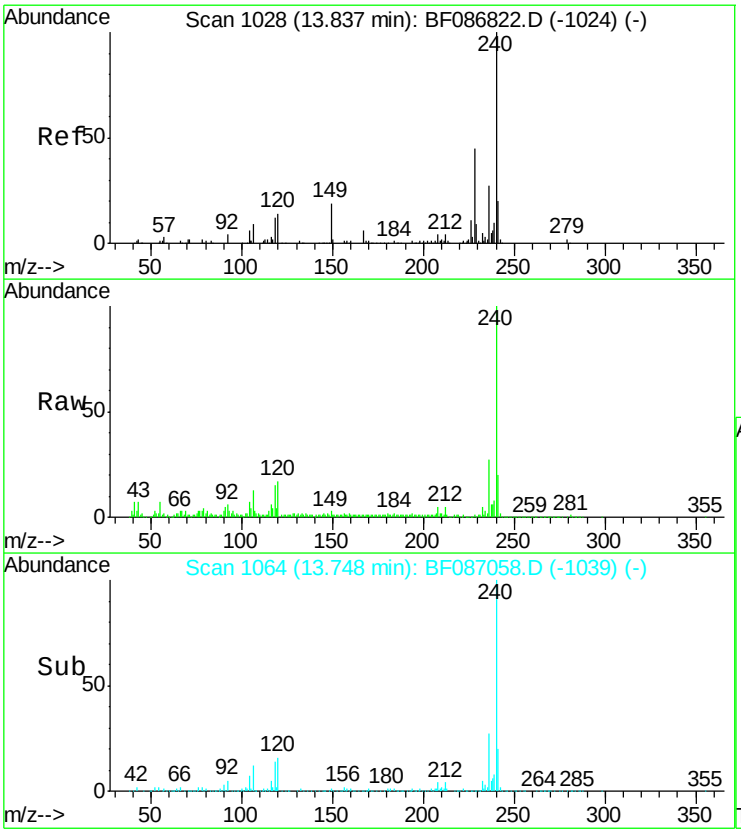
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion:188 Resp: 401107

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	8.7	7.1	10.7

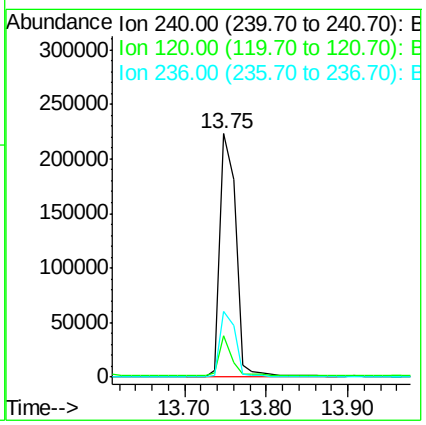


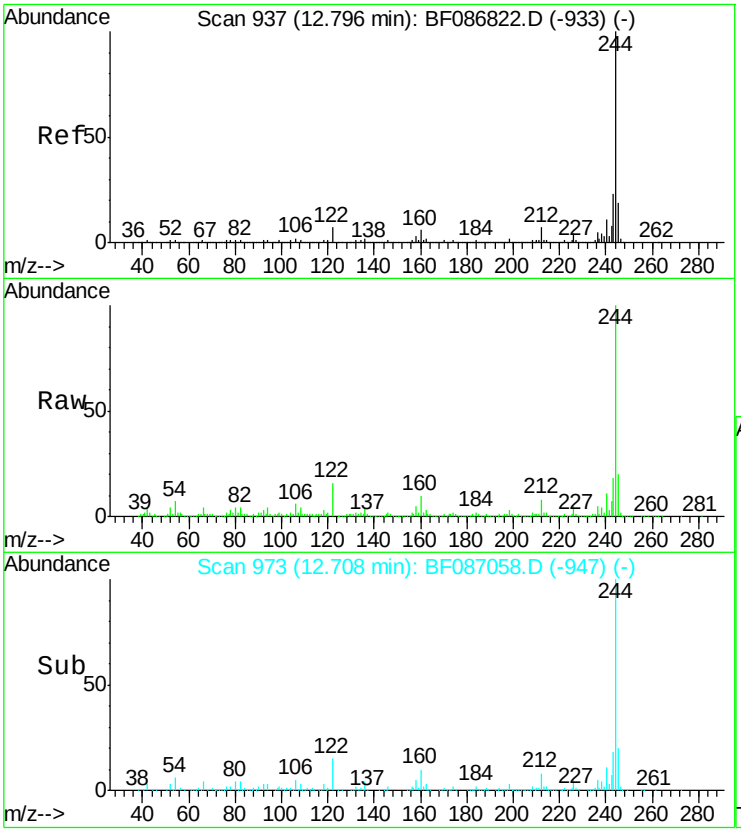


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion:240 Resp: 297355

Ion	Ratio	Lower	Upper
240	100		
120	17.2	11.2	16.8#
236	26.9	21.2	31.8



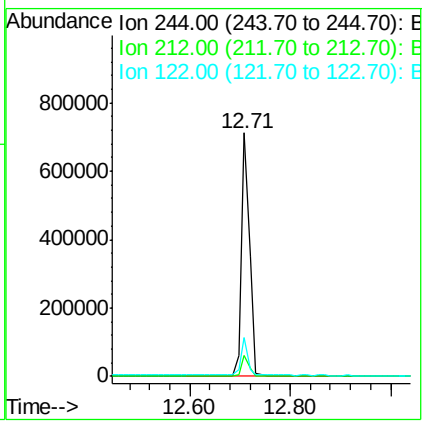


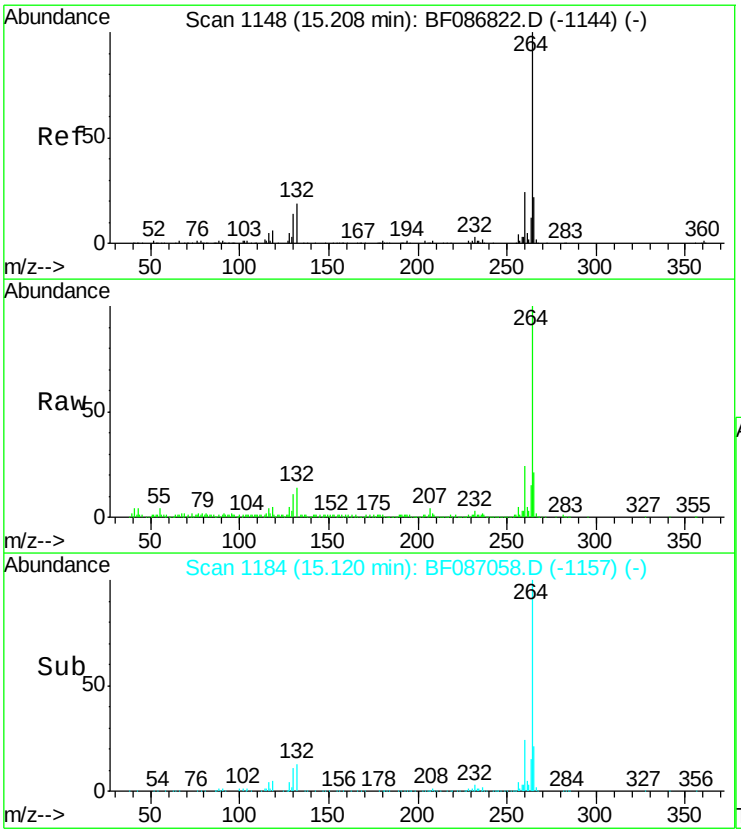
#78
Terphenyl-d14
Concen: 56.00 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion:244 Resp: 784844

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	15.8	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion:264 Resp: 334292

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.3	25.9