Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091542.D
Acq On : 9 Dec 2016 22:11
Operator : UM/SJ
Sample : H5886-02RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-01RE

Quant Time: Dec 09 23:00:39 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	6.81	152	445823	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1839024	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	882550	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1448298	20.00	ng	0.00
75) Chrysene-d12	13.96	240	1024996	20.00	ng	0.00
86) Perylene-d12	15.38	264	945600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	375212	14.18	ng	0.00
7) Phenol-d6	6.45	99	358274	10.86	ng	0.00
23) Nitrobenzene-d5	7.37	82	523793	15.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	190138	25.94	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	955048	18.70	ng	-0.01
78) Terphenyl-d14	12.91	244	687189	15.21	ng	-0.01
Target Compounds						Qvalue

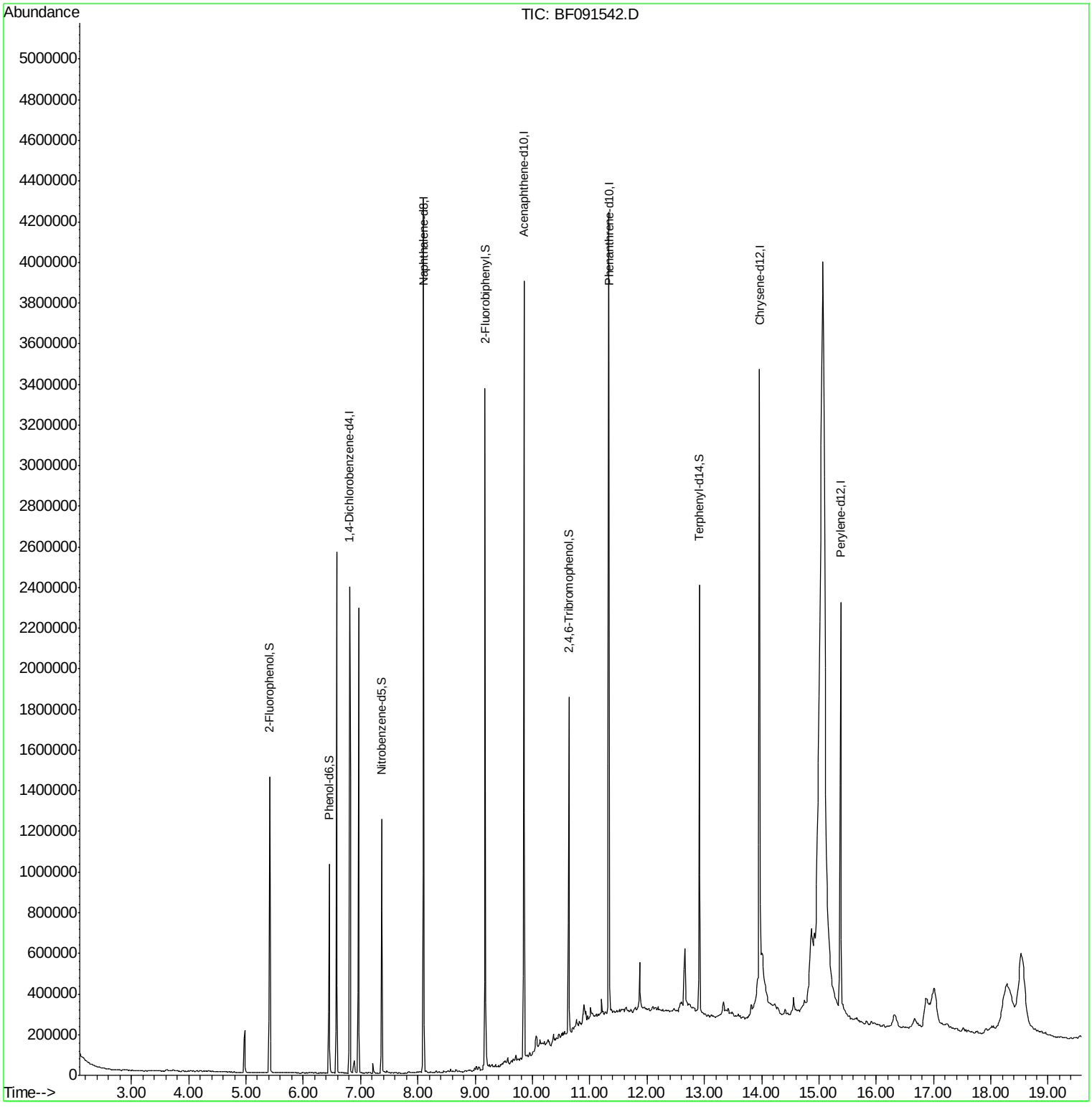
(#) = qualifier out of range (m) = manual integration (+) = signals summed

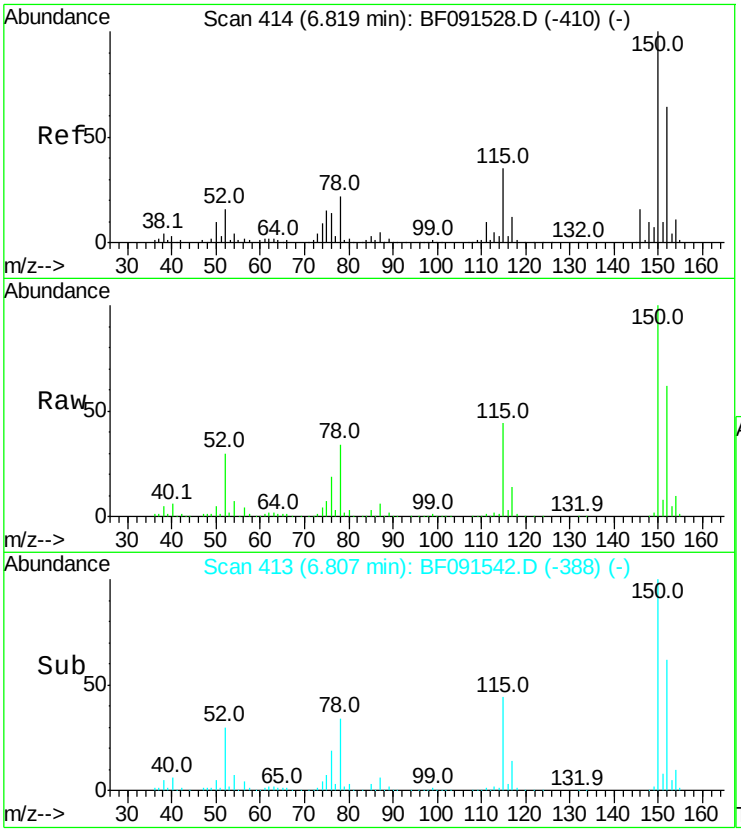
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091542.D
Acq On : 9 Dec 2016 22:11
Operator : UM/SJ
Sample : H5886-02RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-01RE

Quant Time: Dec 09 23:00:39 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



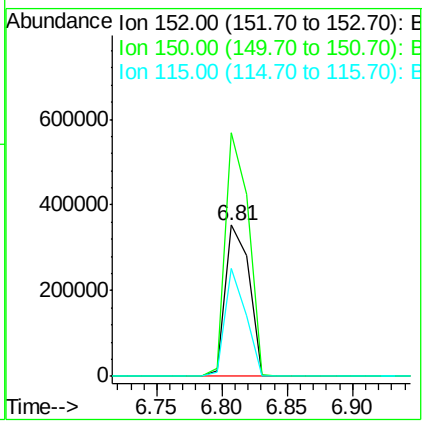


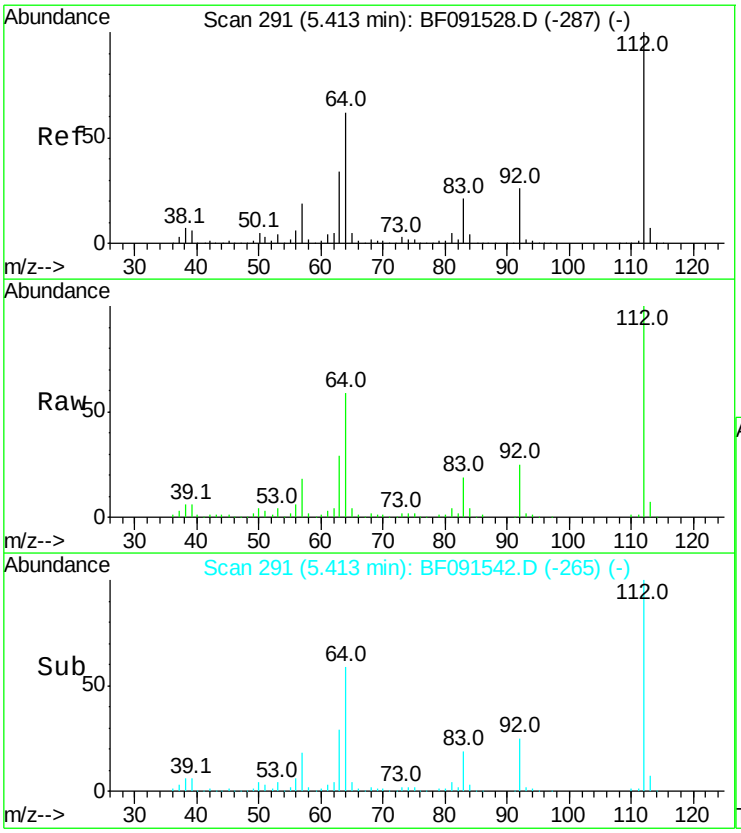
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Instrument :
BNA_F
ClientSampleId :
VW-01RE

Tgt Ion:152 Resp: 445823

Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.5	183.7
115	71.2	51.8	77.8

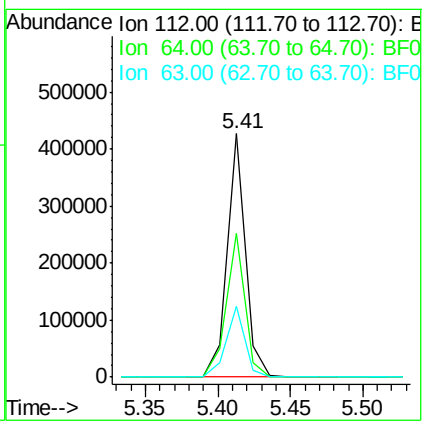


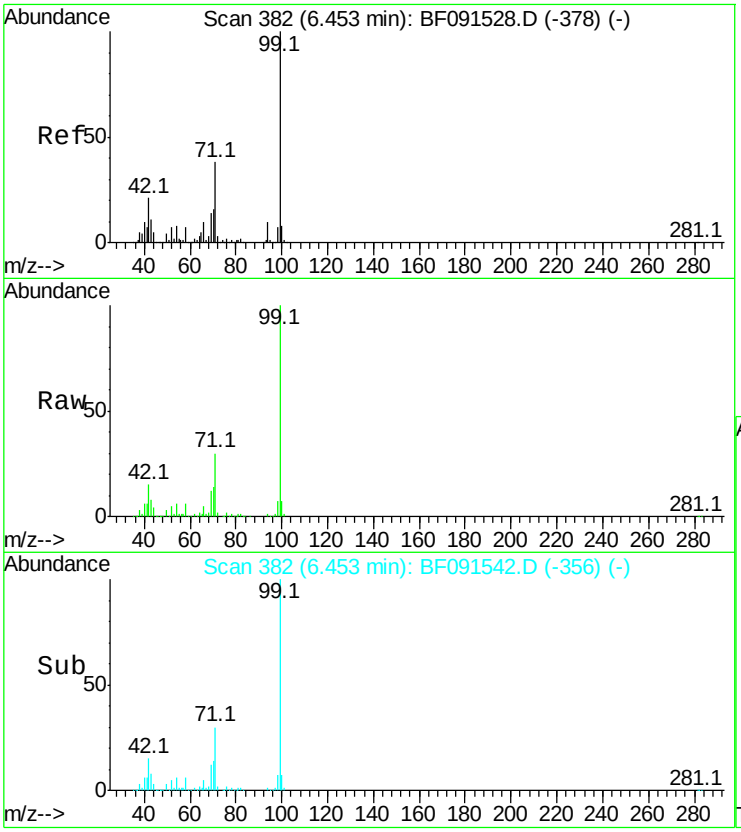


#5
2-Fluorophenol
Concen: 14.18 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Tgt Ion:112 Resp: 375212

Ion	Ratio	Lower	Upper
112	100		
64	59.2	61.5	92.3#
63	29.3	33.3	49.9#



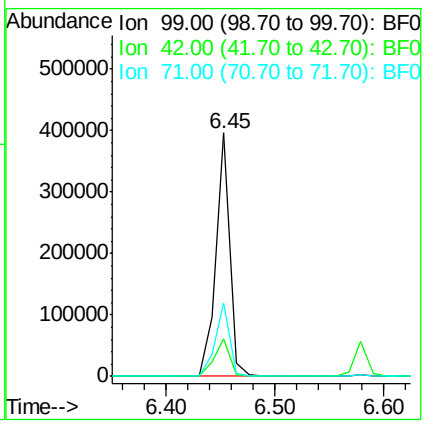


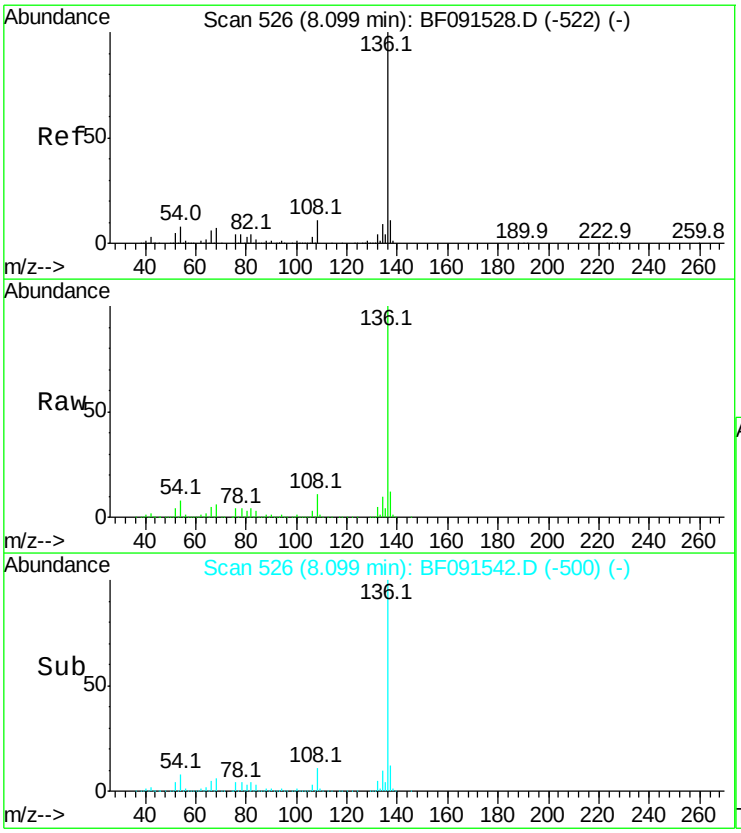
#7
Phenol-d6
Concen: 10.86 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Instrument :
BNA_F
ClientSampleId :
VW-01RE

Tgt Ion: 99 Resp: 358274

Ion	Ratio	Lower	Upper
99	100		
42	15.4	20.6	31.0#
71	30.3	29.9	44.9

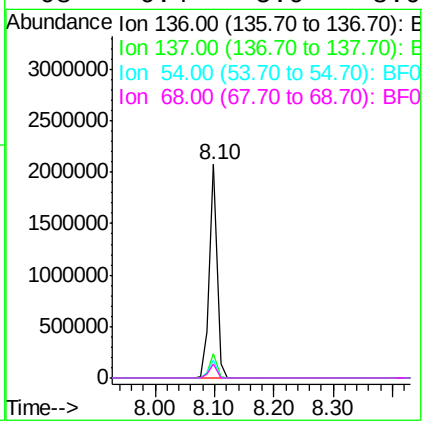


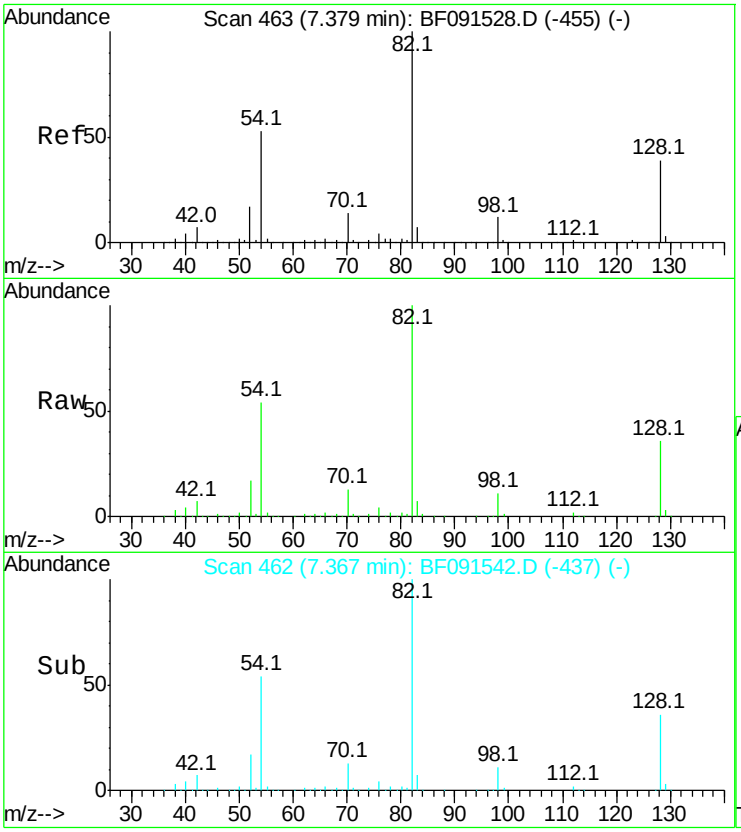


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Tgt Ion:136 Resp: 1839024

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.2	9.1	13.7#
68	6.4	5.9	8.9



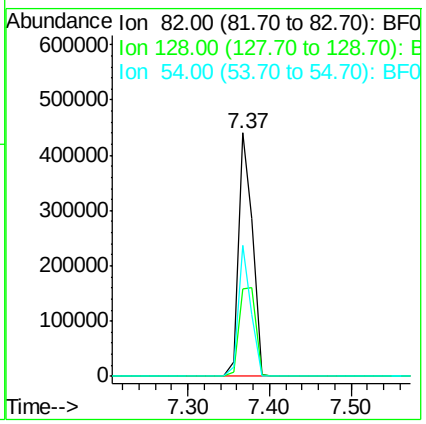


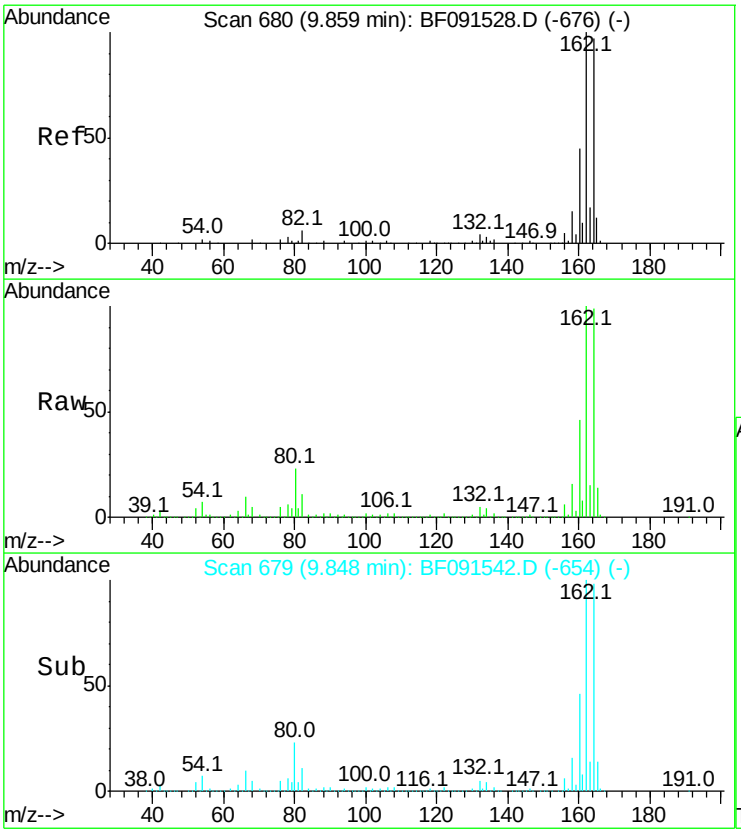
#23
Nitrobenzene-d5
Concen: 15.90 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Instrument :
BNA_F
ClientSampleId :
VW-01RE

Tgt Ion: 82 Resp: 523793

Ion	Ratio	Lower	Upper
82	100		
128	36.0	31.8	47.6
54	53.6	49.1	73.7

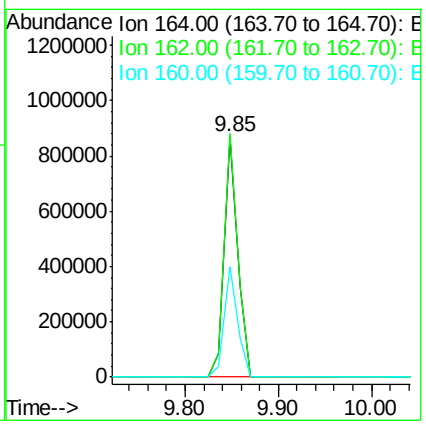


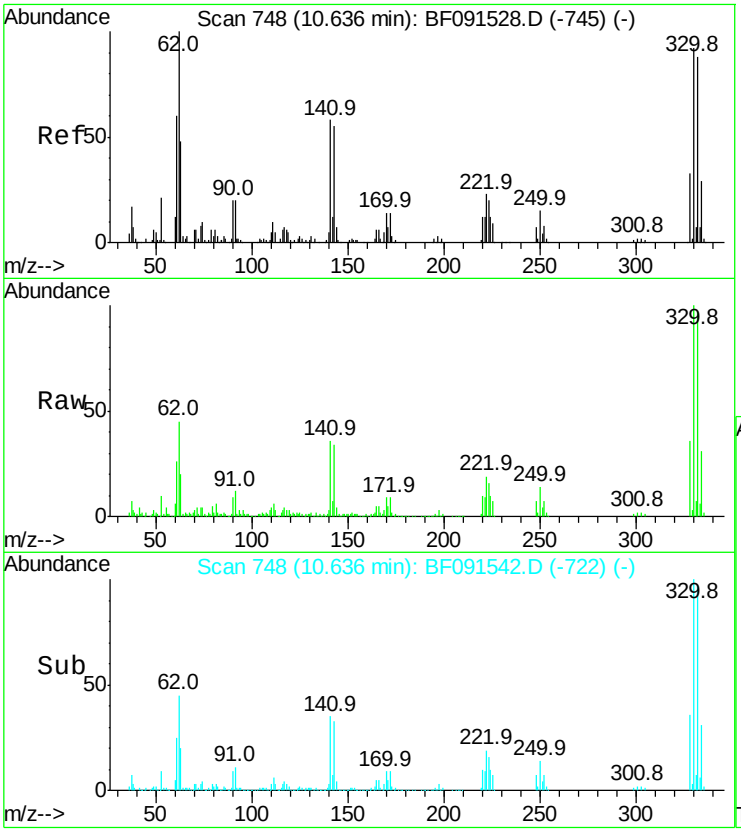


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Tgt Ion:164 Resp: 882550

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	124.0
160	46.3	36.7	55.1



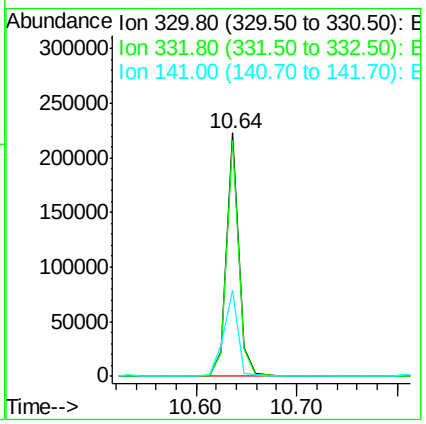


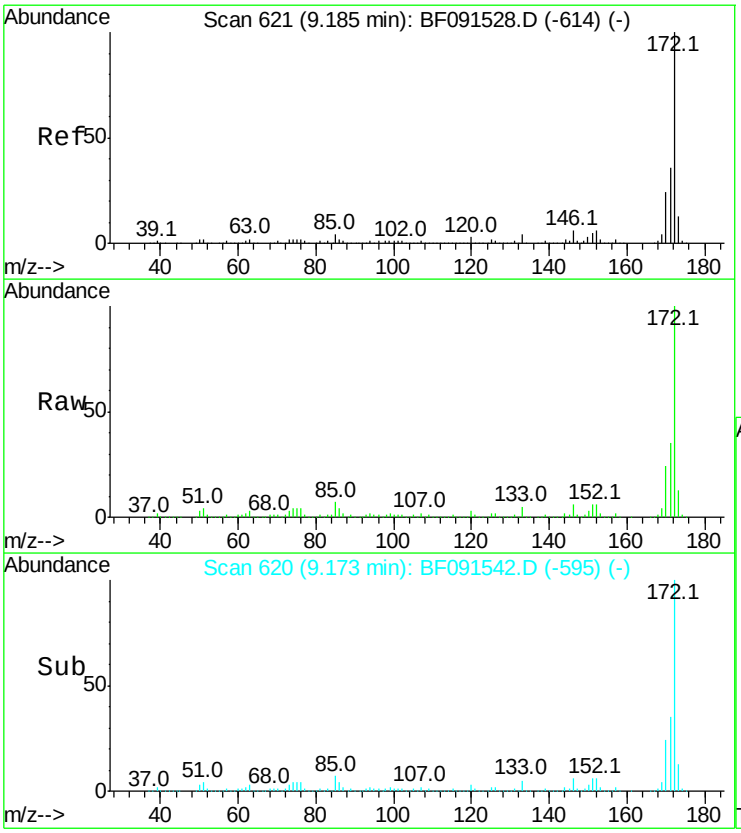
#41
2,4,6-Tribromophenol
Concen: 25.94 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Instrument :
BNA_F
ClientSampleId :
VW-01RE

Tgt Ion:330 Resp: 190138

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	40.1	33.6	50.4

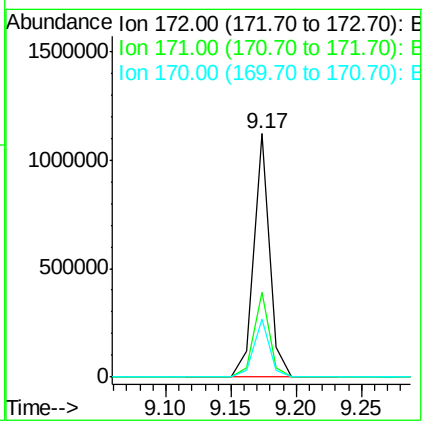


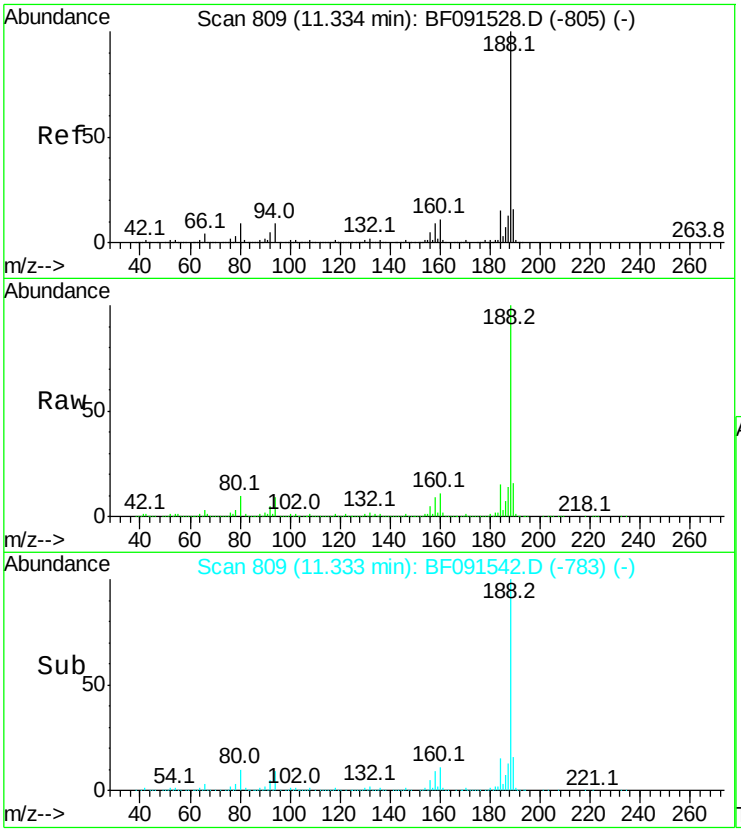


#44
2-Fluorobiphenyl
Concen: 18.70 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Tgt Ion:172 Resp: 955048

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	24.1	19.7	29.5



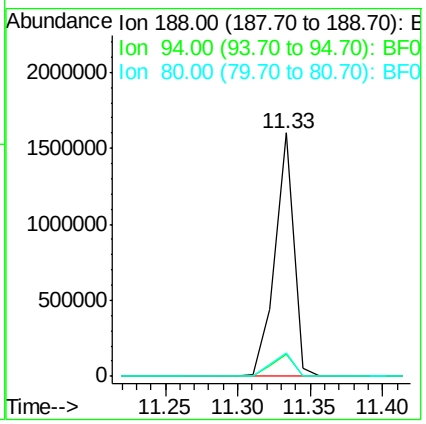


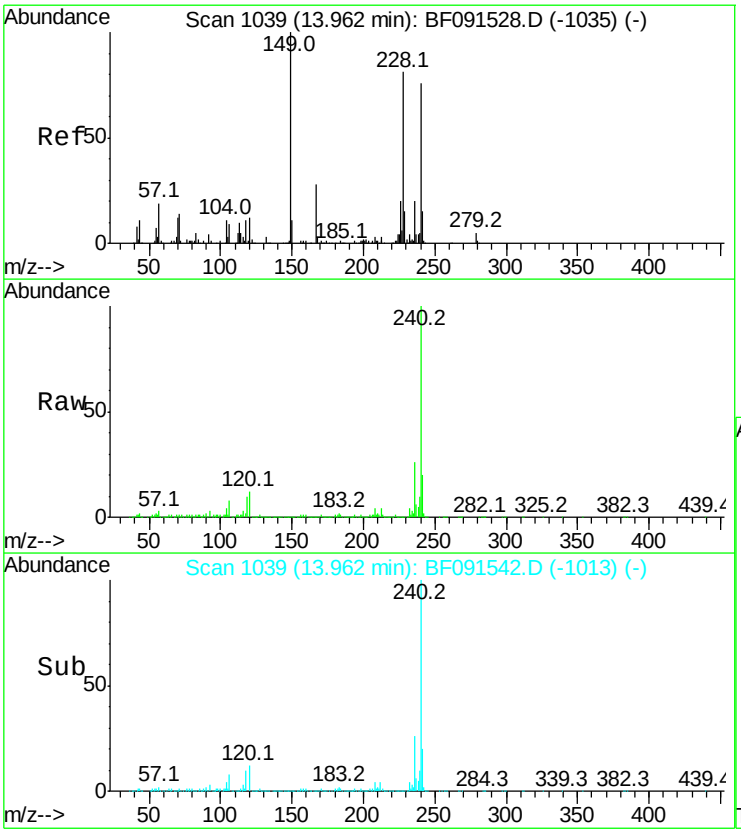
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Instrument :
BNA_F
ClientSampleId :
VW-01RE

Tgt Ion:188 Resp: 1448298

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.2	13.8
80	9.7	10.5	15.7#

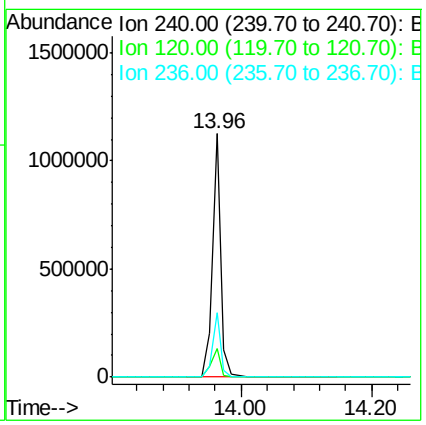


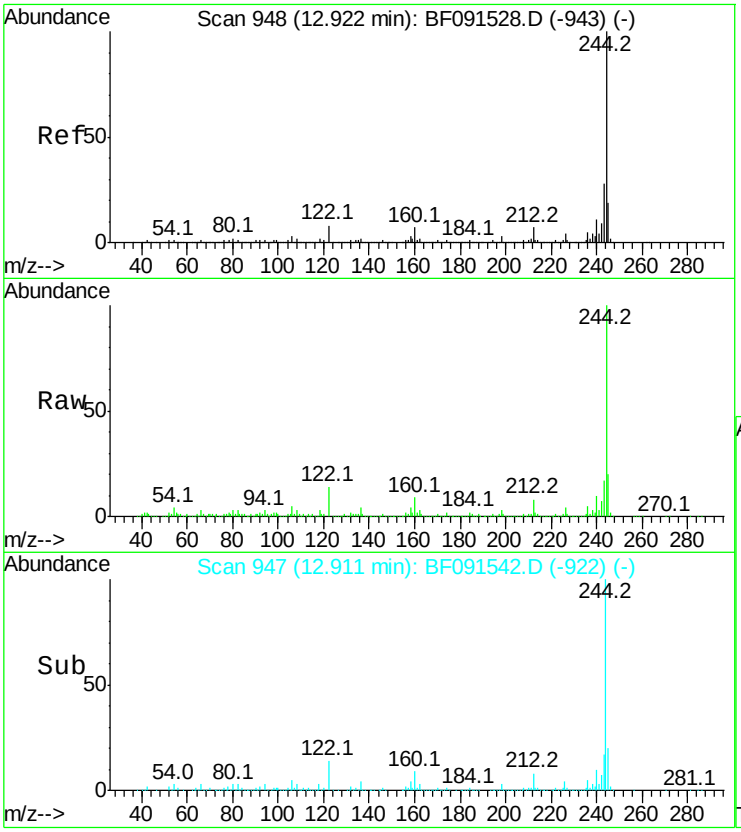


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Tgt Ion:240 Resp: 1024996

Ion	Ratio	Lower	Upper
240	100		
120	11.6	12.1	18.1#
236	26.4	21.0	31.6



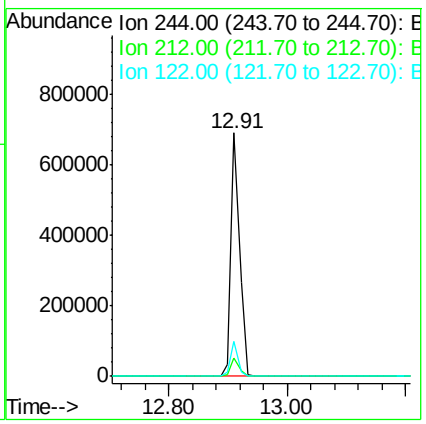


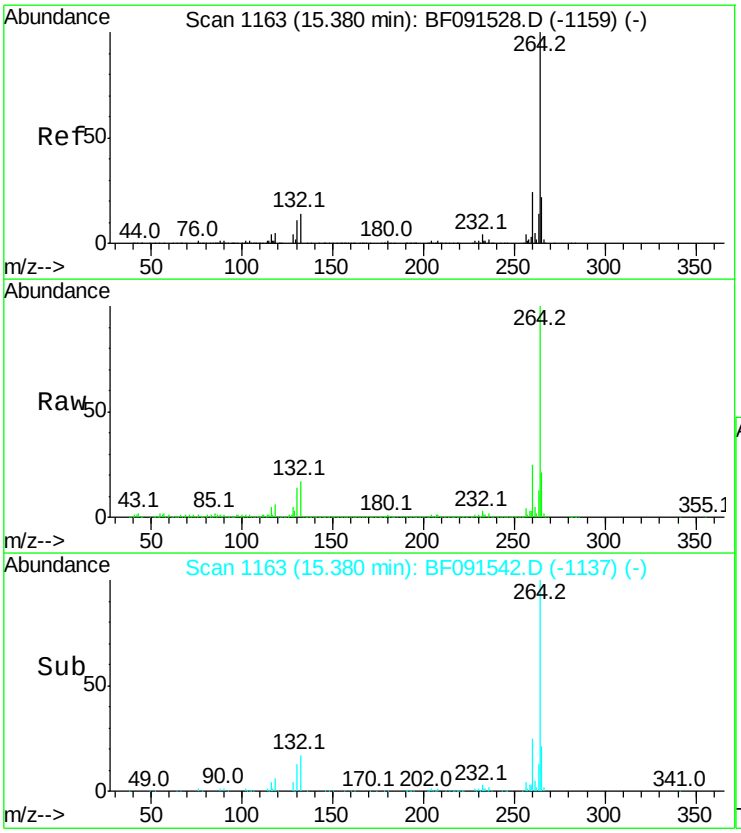
#78
Terphenyl-d14
Concen: 15.21 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Instrument :
BNA_F
ClientSampleId :
VW-01RE

Tgt Ion:244 Resp: 687189

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	14.2	9.5	14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091542.D
Acq: 9 Dec 2016 22:11

Tgt Ion:264 Resp: 945600

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.5	17.0	25.6