Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091146.D
Acq On : 11 Nov 2016 18:02
Operator : UM/SJ
Sample : PB94661BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94661BL

Quant Time: Nov 12 00:05:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	162774	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	698703	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	394539	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	613522	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	508504	20.00	ng	-0.03
86) Perylene-d12	15.15	264	397546	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1293000	131.19	ng	0.00
7) Phenol-d6	6.29	99	1445993	108.09	ng	-0.02
23) Nitrobenzene-d5	7.21	82	979511	76.47	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	403307	113.07	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1855261	80.96	ng	-0.02
78) Terphenyl-d14	12.74	244	1774198	87.07	ng	-0.02

Target Compounds	Qvalue

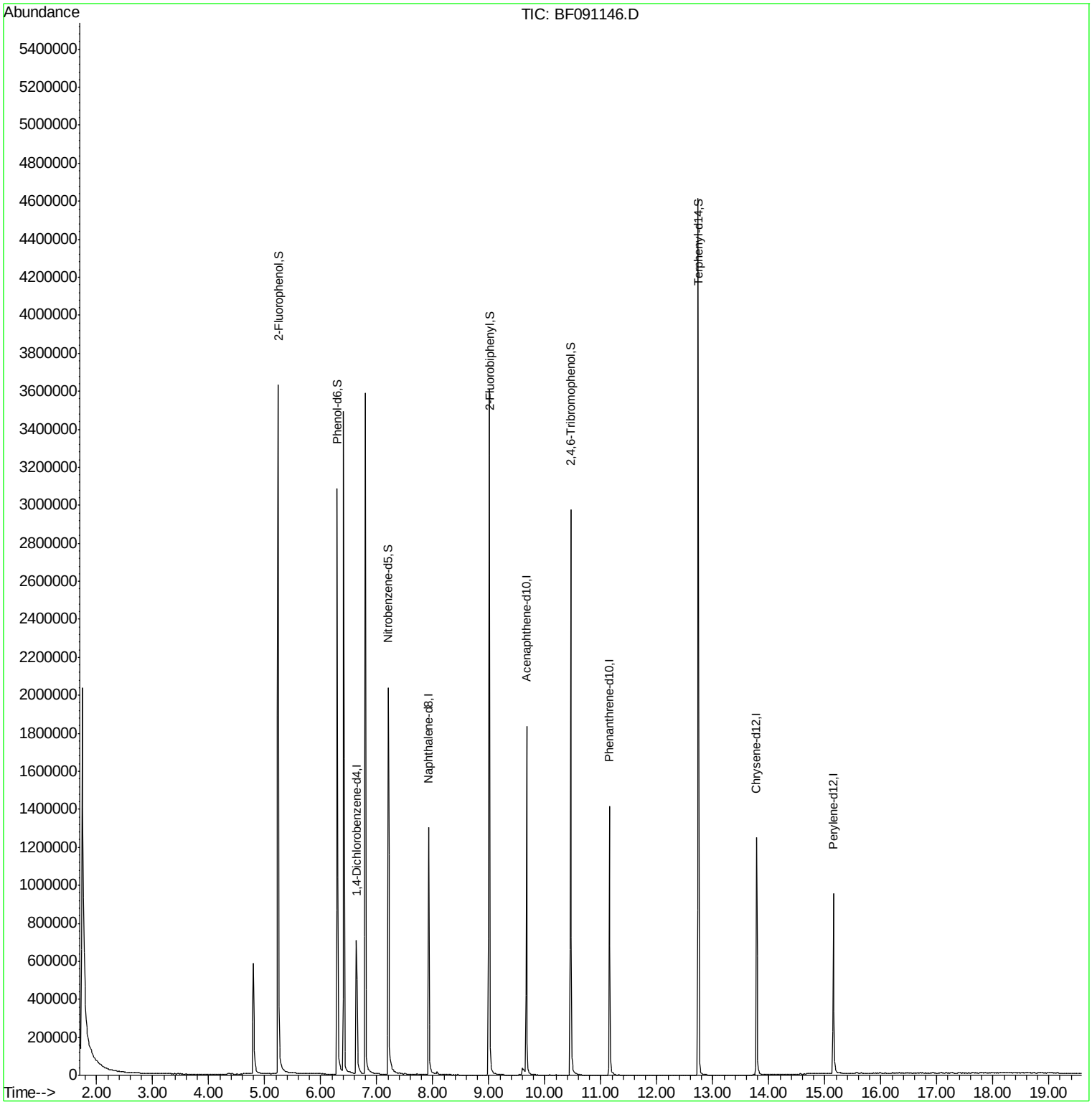
(#) = qualifier out of range (m) = manual integration (+) = signals summed

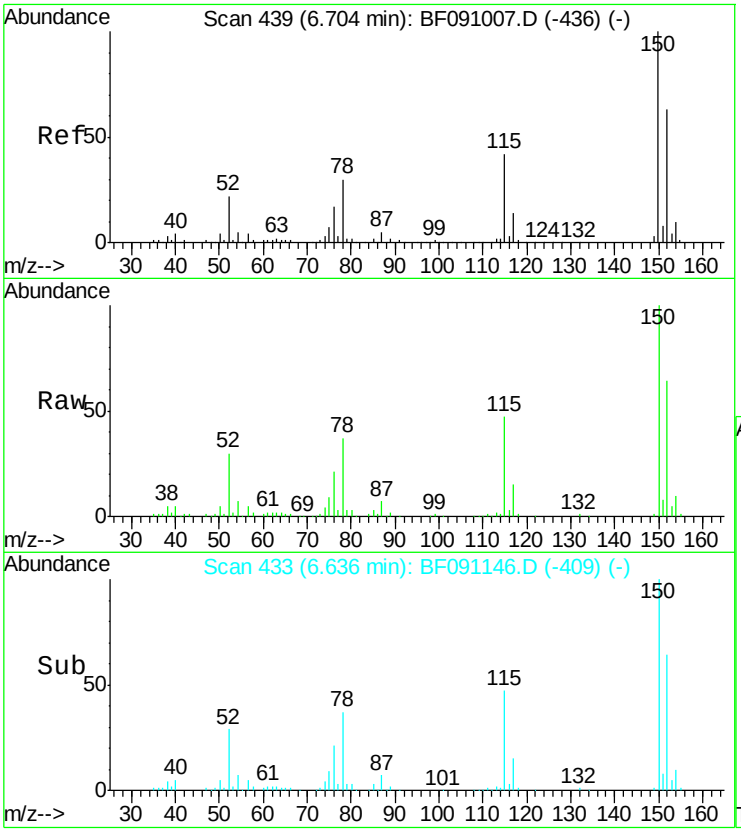
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091146.D
Acq On : 11 Nov 2016 18:02
Operator : UM/SJ
Sample : PB94661BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94661BL

Quant Time: Nov 12 00:05:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



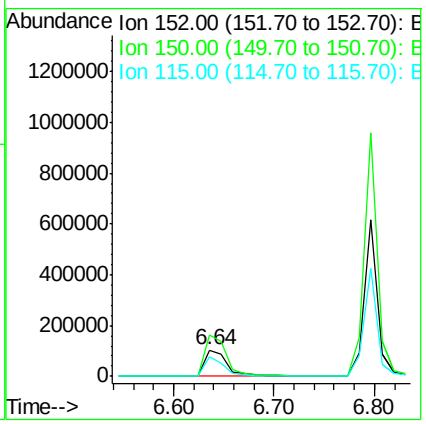


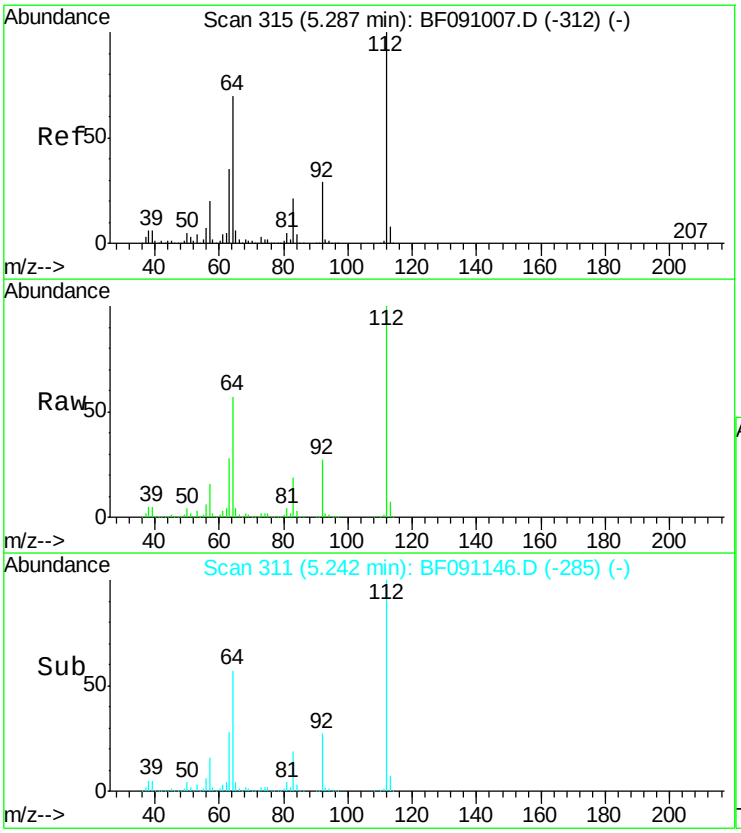
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Instrument :
BNA_F
ClientSampleId :
PB94661BL

Tgt Ion:152 Resp: 162774

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.8	190.2
115	74.4	53.3	79.9

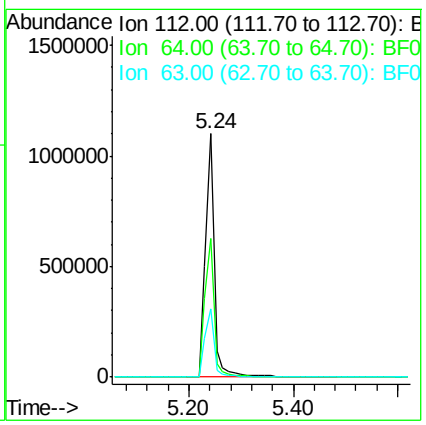


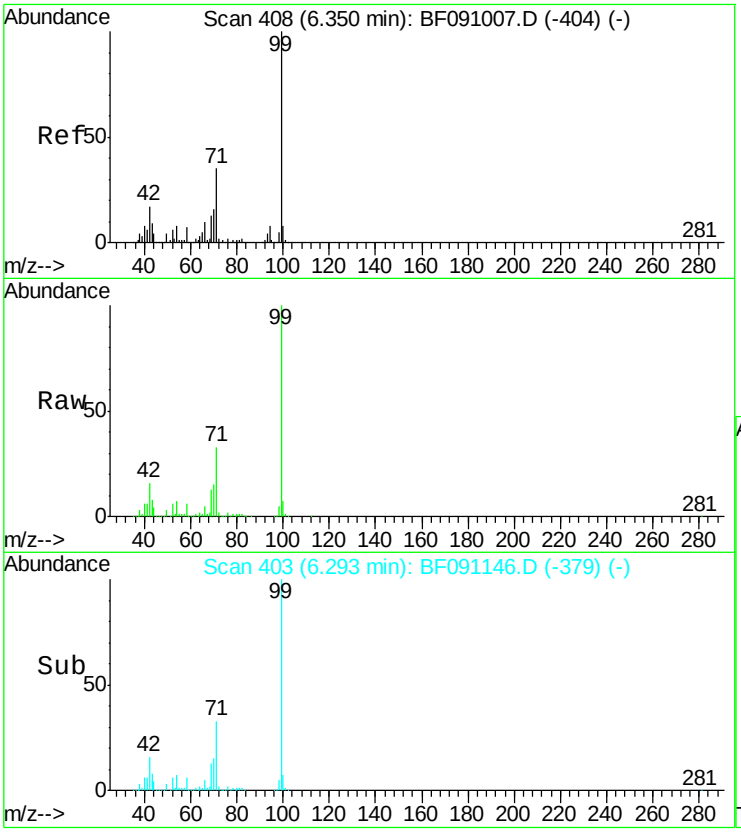


#5
2-Fluorophenol
Concen: 131.19 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Tgt Ion:112 Resp: 1293000

Ion	Ratio	Lower	Upper
112	100		
64	56.7	55.8	83.6
63	28.2	28.0	42.0



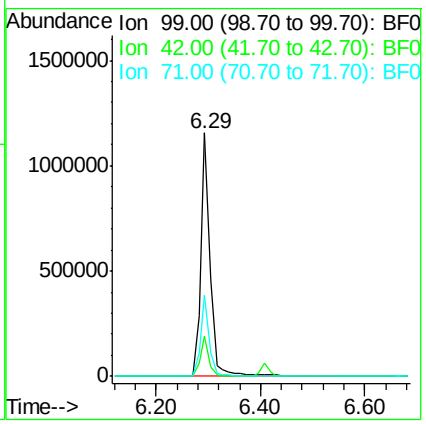


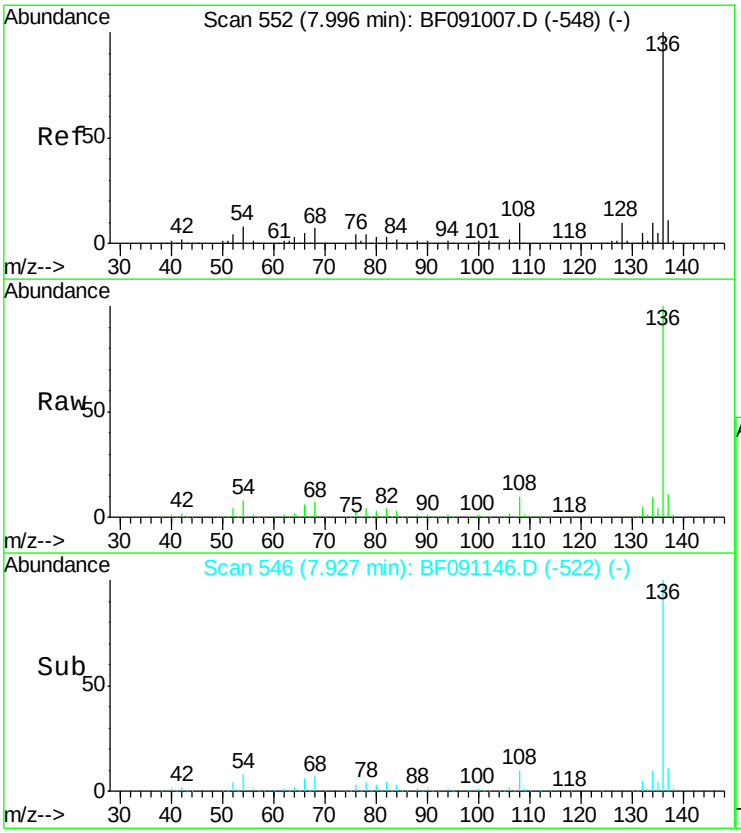
#7
Phenol-d6
Concen: 108.09 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Instrument :
BNA_F
ClientSampleId :
PB94661BL

Tgt Ion: 99 Resp: 1445993

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.9	20.9
71	33.3	27.8	41.8

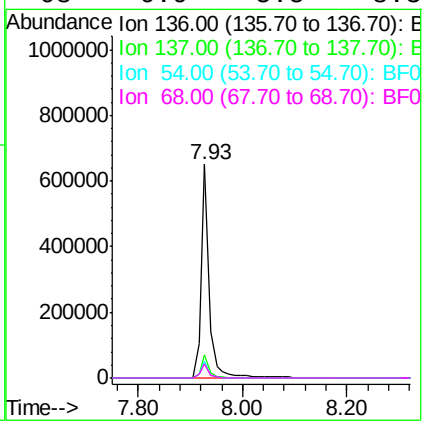


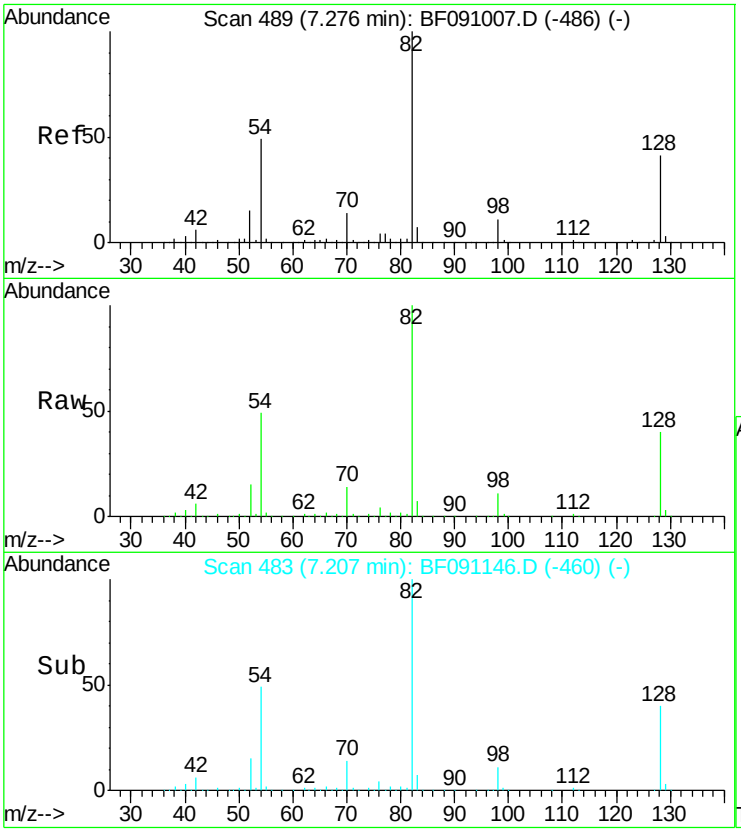


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Tgt Ion:136 Resp: 698703

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	6.2	9.2
68	6.9	5.5	8.3



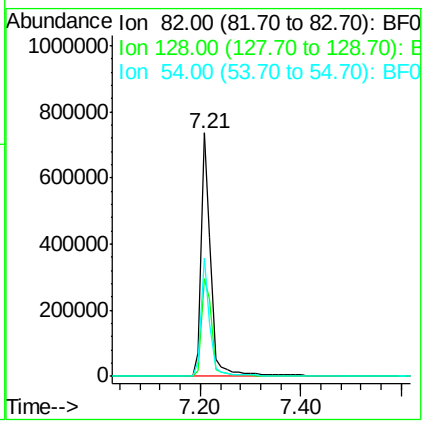


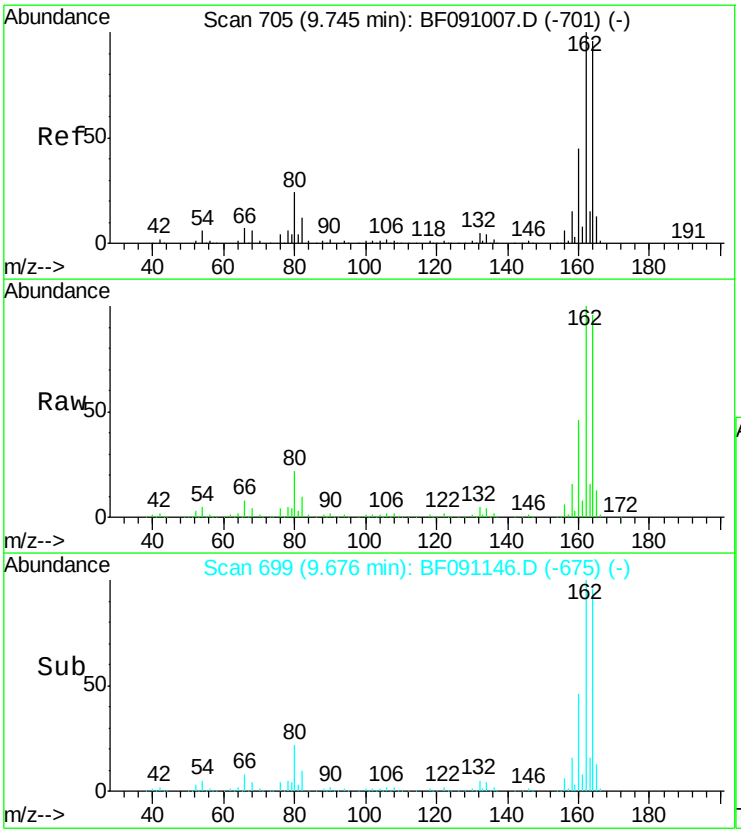
#23
Nitrobenzene-d5
Concen: 76.47 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Instrument :
BNA_F
ClientSampleId :
PB94661BL

Tgt Ion: 82 Resp: 979511

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.4	48.6
54	48.6	39.2	58.8

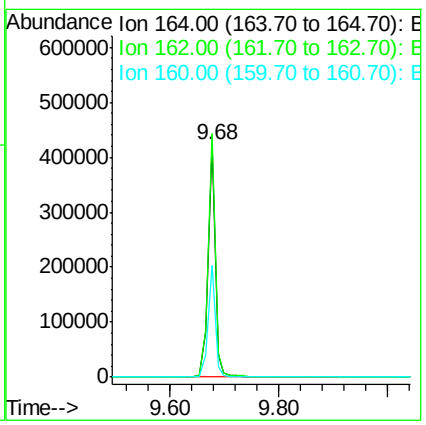


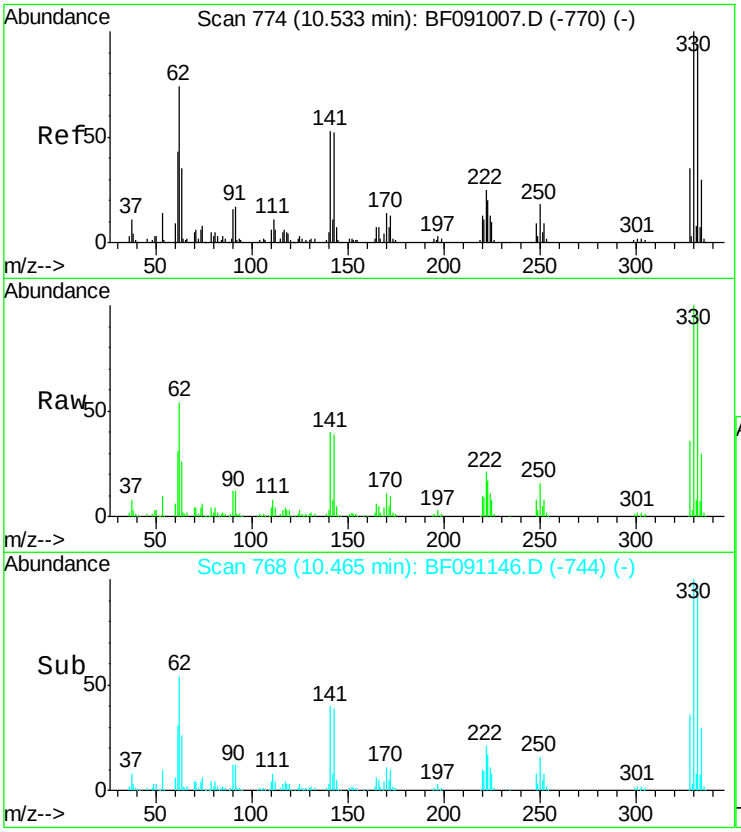


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Tgt Ion:164 Resp: 394539

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.6	125.4
160	48.0	37.9	56.9



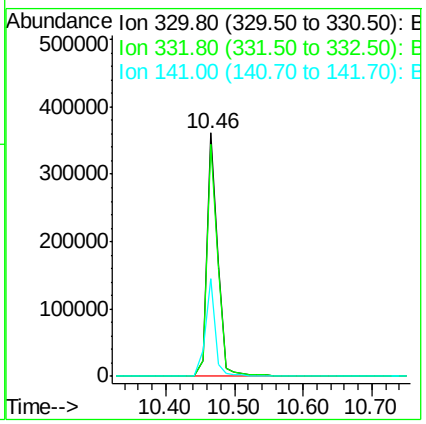


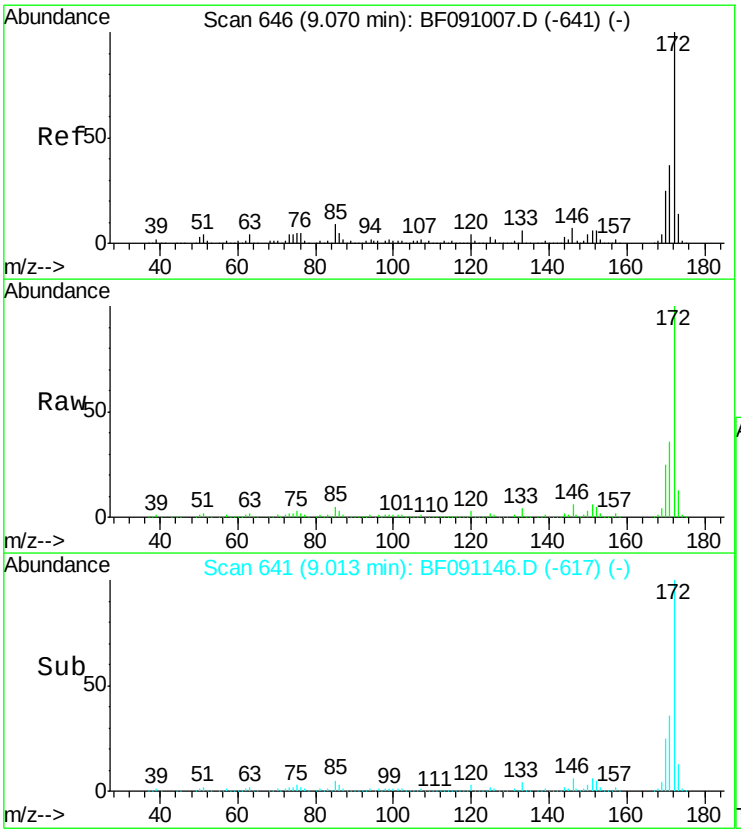
#41
2,4,6-Tribromophenol
Concen: 113.07 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Instrument :
BNA_F
ClientSampleId :
PB94661BL

Tgt Ion:330 Resp: 403307

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.9	113.9
141	36.9	36.1	54.1

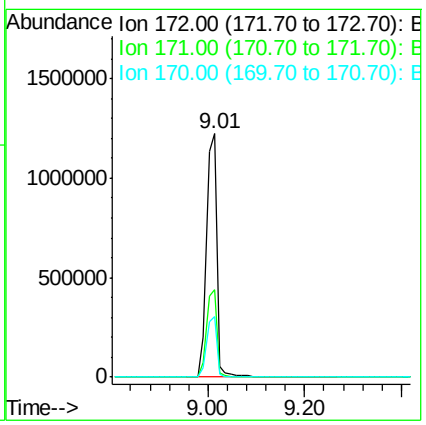


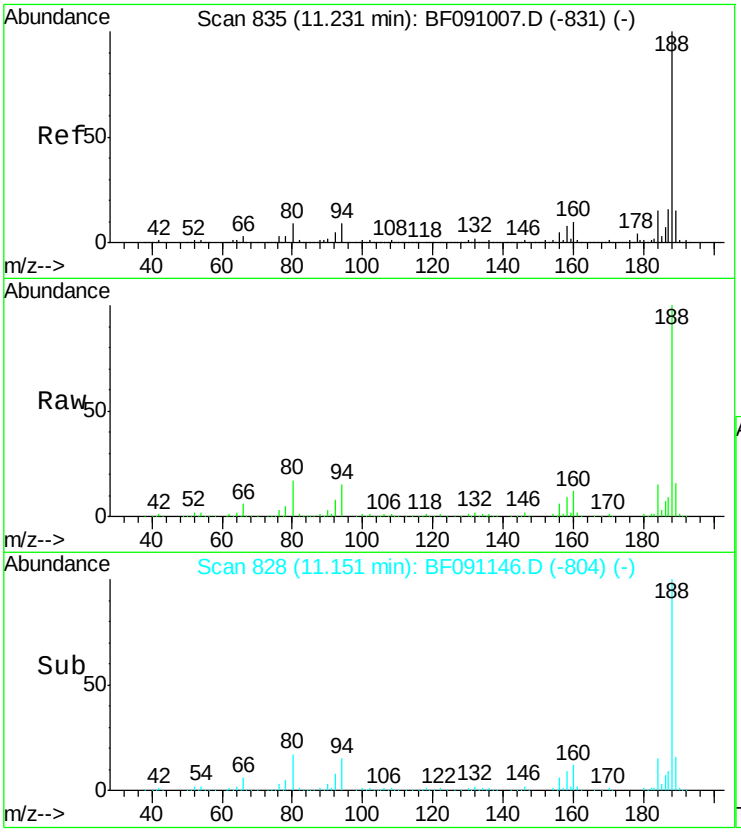


#44
2-Fluorobiphenyl
Concen: 80.96 ng
RT: 9.01 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Tgt Ion:172 Resp: 1855261

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.8	20.3	30.5



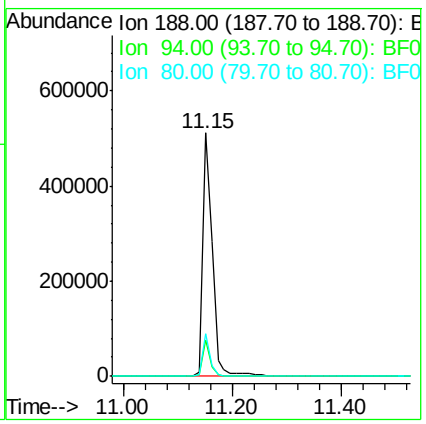


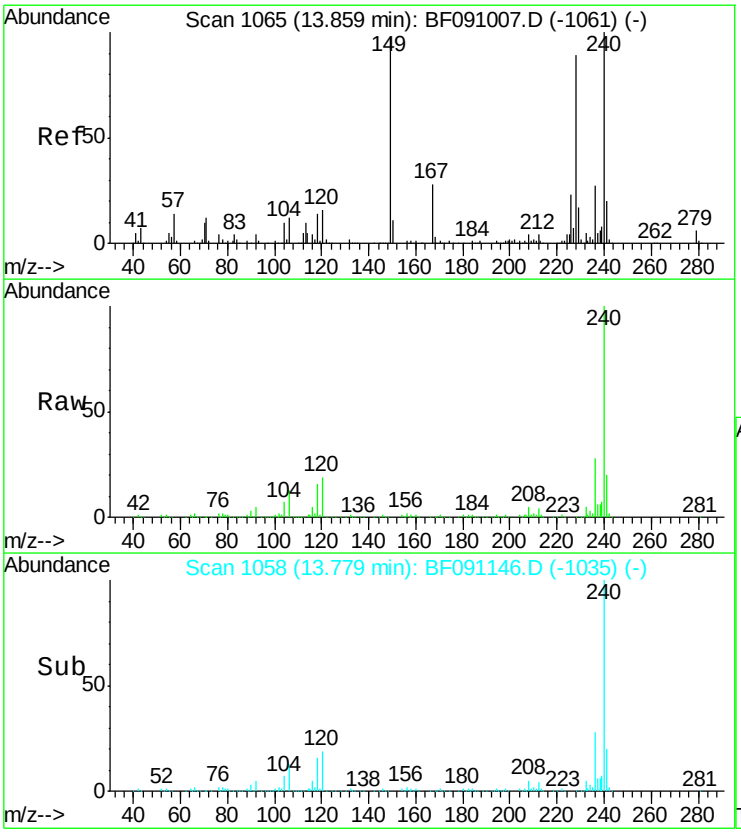
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Instrument :
BNA_F
ClientSampleId :
PB94661BL

Tgt Ion:188 Resp: 613522

Ion	Ratio	Lower	Upper
188	100		
94	14.8	7.0	10.4#
80	17.4	7.5	11.3#

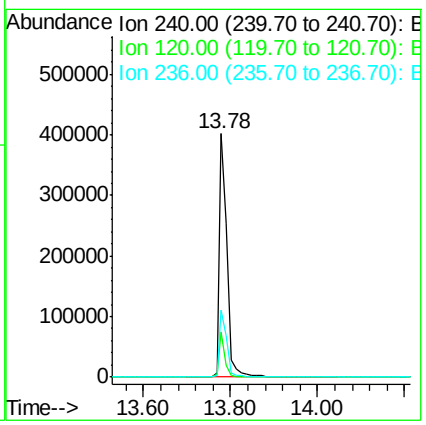


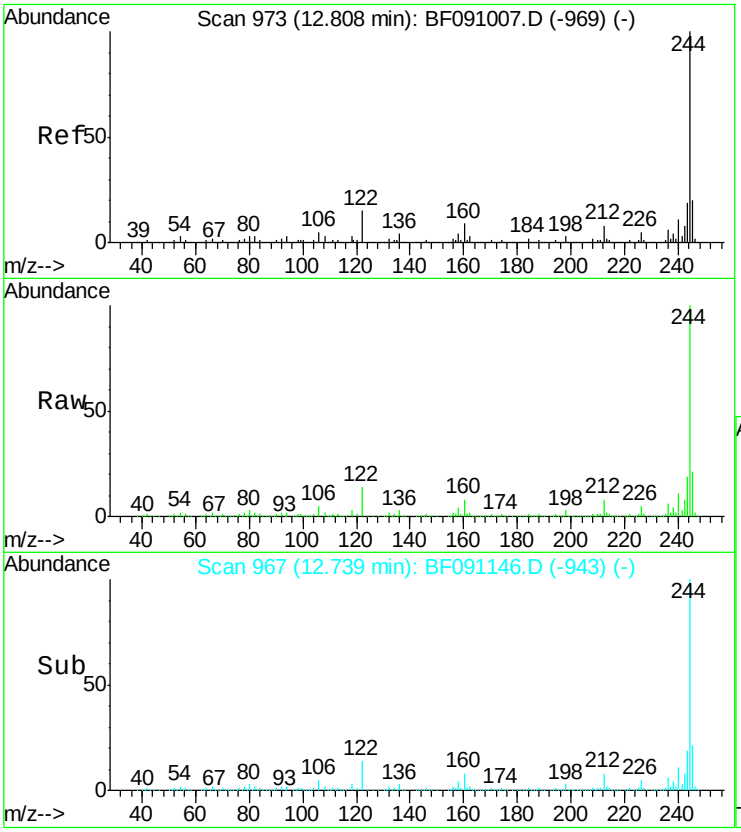


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Tgt Ion:240 Resp: 508504

Ion	Ratio	Lower	Upper
240	100		
120	18.6	12.9	19.3
236	27.7	21.9	32.9



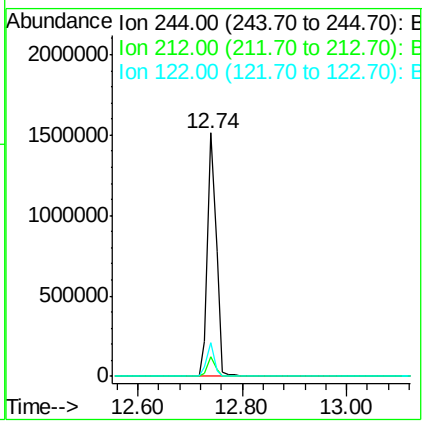


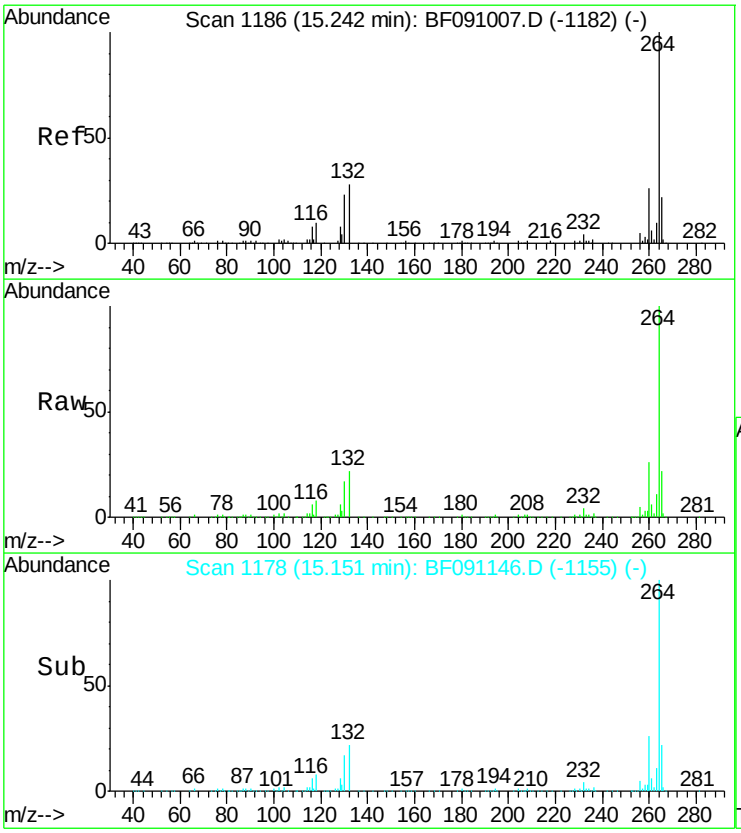
#78
Terphenyl-d14
Concen: 87.07 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Instrument :
BNA_F
ClientSampleId :
PB94661BL

Tgt Ion:244 Resp: 1774198

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	13.7	12.3	18.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091146.D
Acq: 11 Nov 2016 18:02

Tgt Ion:264 Resp: 397546

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	22.1	17.8	26.8