Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083606.D
Acq On : 8 Dec 2015 20:51
Operator : UM/IZ
Sample : PB87111BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87111BL

Quant Time: Dec 09 02:38:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	141759	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	553981	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	275737	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	538326	20.00	ng	0.00
75) Chrysene-d12	16.99	240	486837	20.00	ng	0.00
86) Perylene-d12	18.64	264	397970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	1281394	137.10	ng	0.01
7) Phenol-d6	5.26	99	1748572	140.02	ng	-0.01
23) Nitrobenzene-d5	6.52	82	1086336	91.50	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	349937	142.45	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1792768	91.51	ng	0.00
78) Terphenyl-d14	15.41	244	1784453	86.24	ng	0.00
Target Compounds						Qvalue

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

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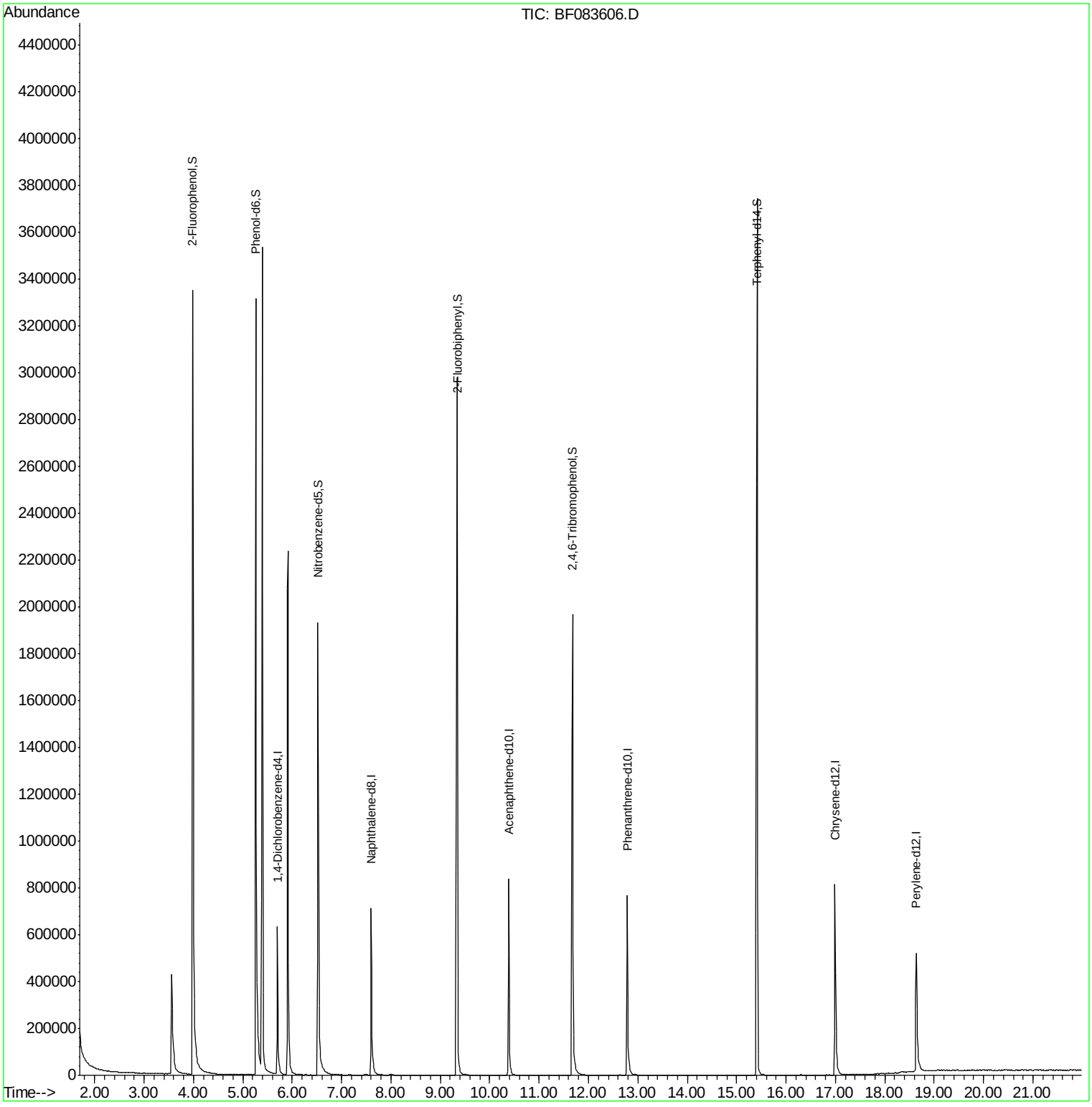
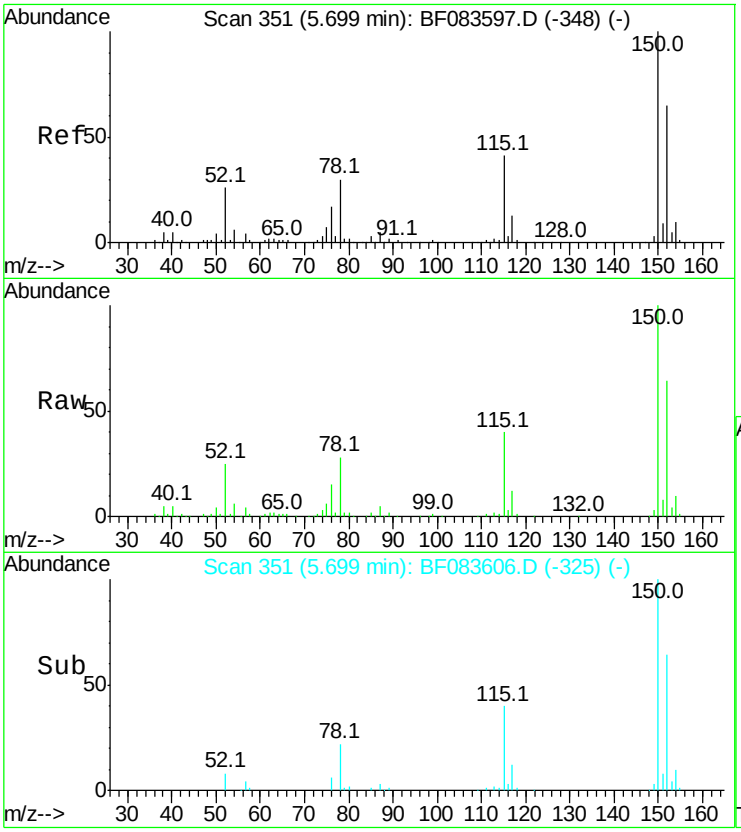


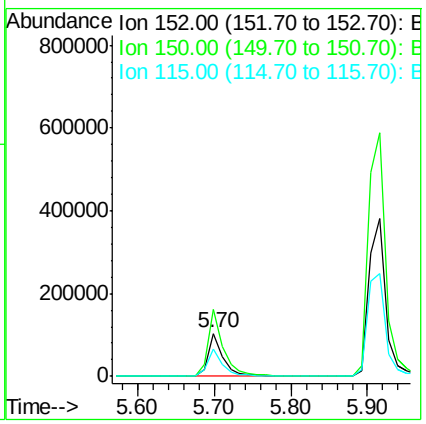


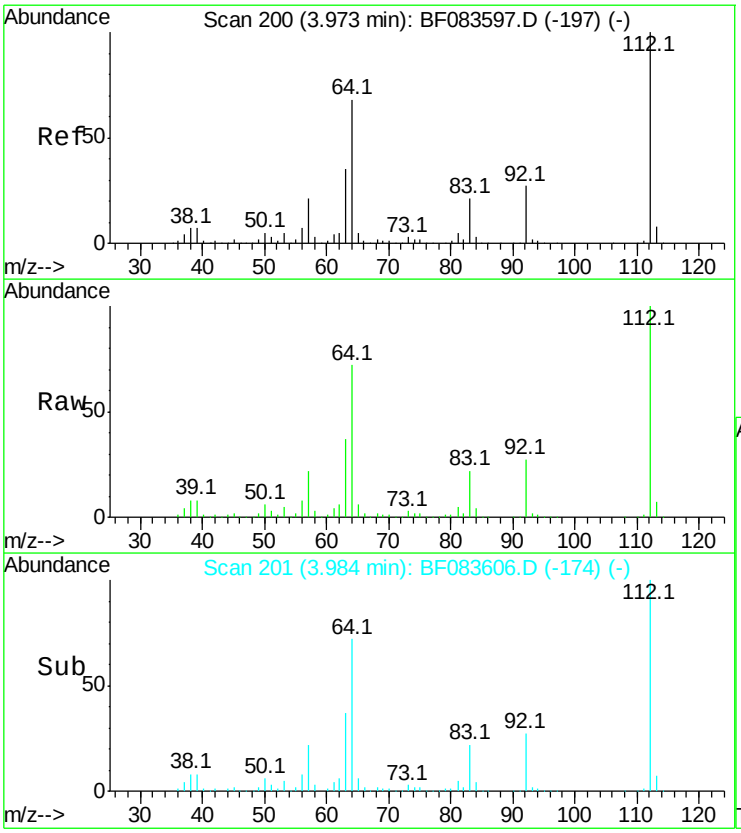
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Instrument :
BNA_F
ClientSampleId :
PB87111BL

Tgt Ion:152 Resp: 141759

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.5	189.7
115	62.4	52.3	78.5

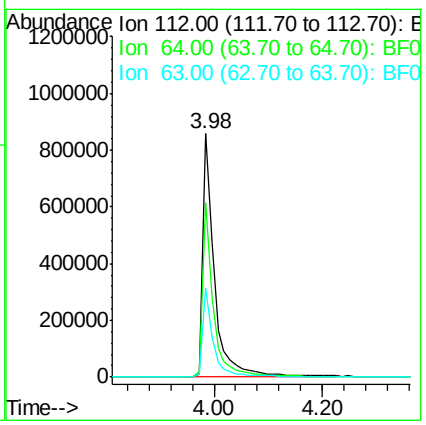


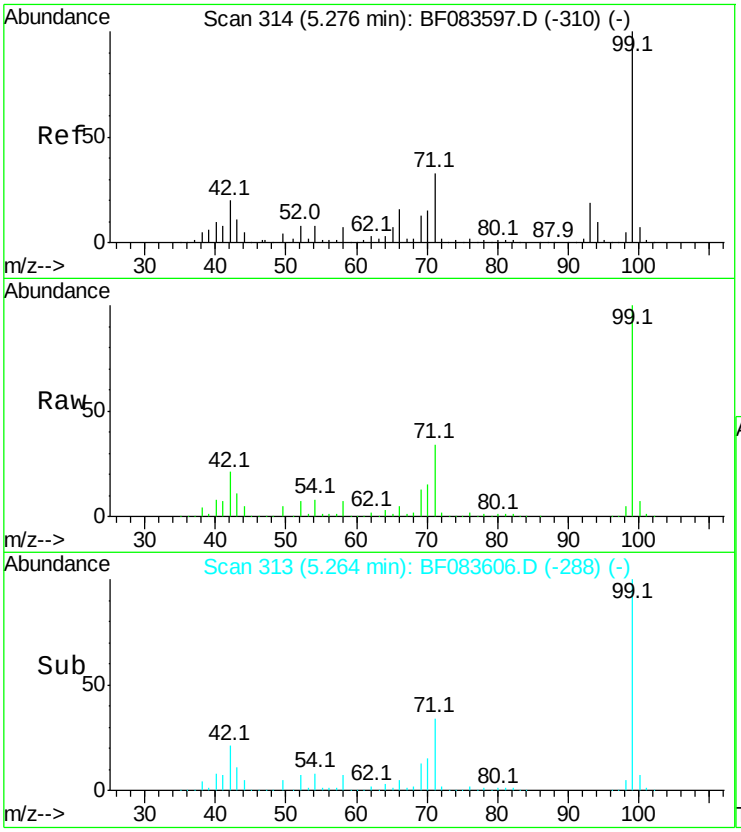


#5
2-Fluorophenol
Concen: 137.10 ng
RT: 3.98 min Scan# 201
Delta R.T. 0.01 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Tgt Ion:112 Resp: 1281394

Ion	Ratio	Lower	Upper
112	100		
64	71.6	50.5	75.7
63	36.5	25.8	38.6



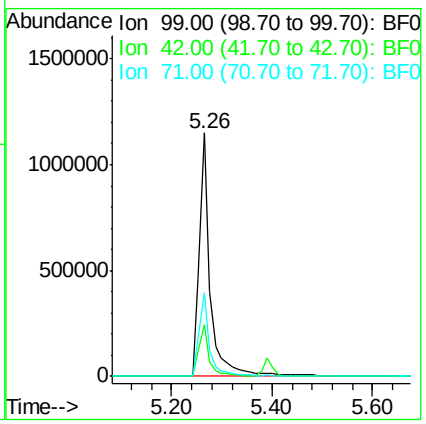


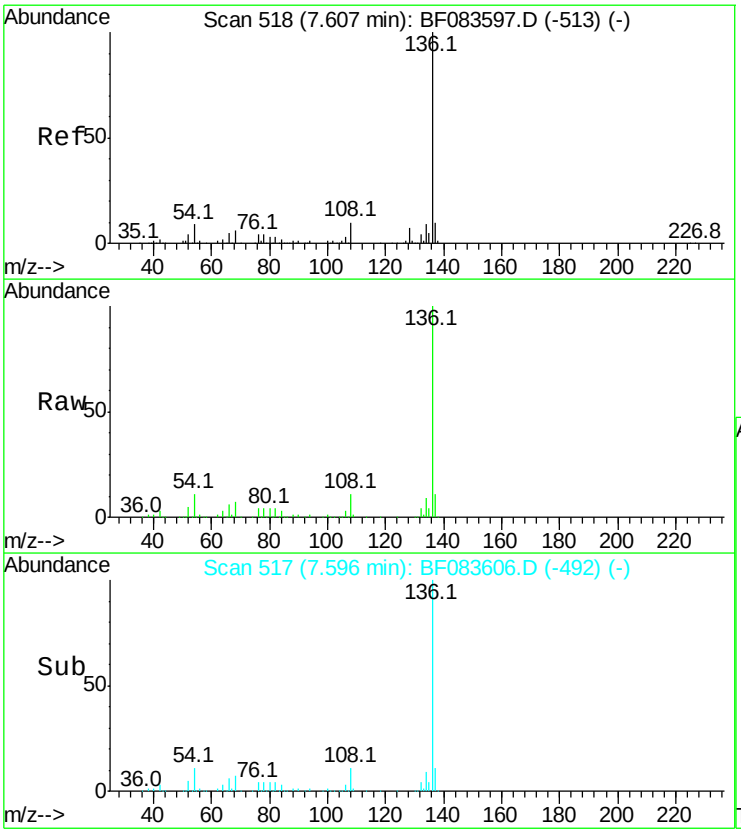
#7
Phenol-d6
Concen: 140.02 ng
RT: 5.26 min Scan# 313
Delta R.T. -0.01 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Instrument :
BNA_F
ClientSampleId :
PB87111BL

Tgt Ion: 99 Resp: 1748572

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.3	25.9
71	34.1	26.6	40.0

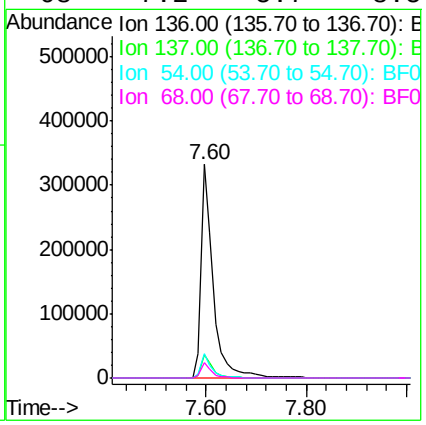


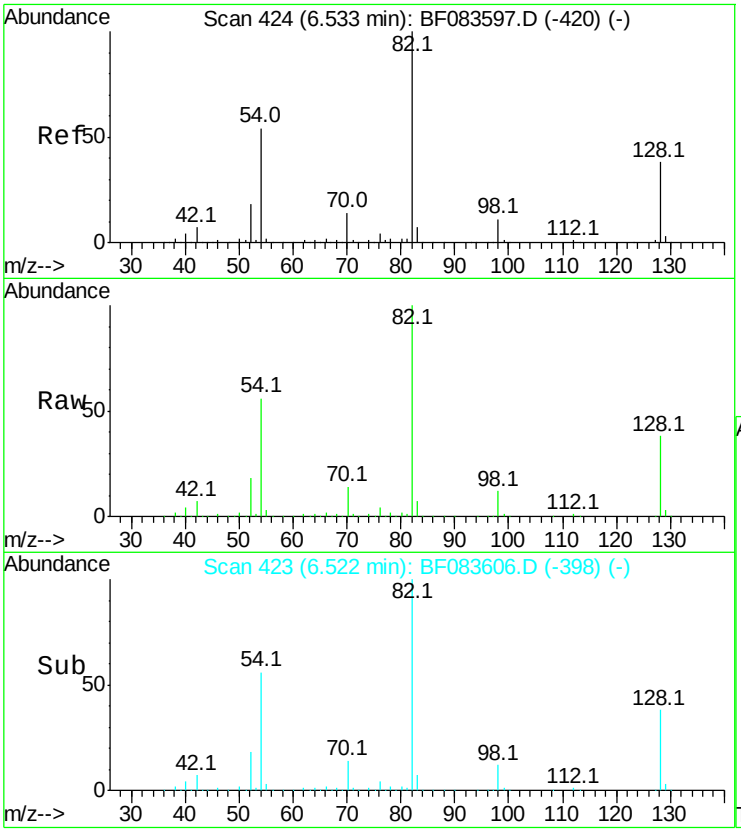


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Tgt Ion:136 Resp: 553981

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.1	7.8	11.6
68	7.2	5.7	8.5



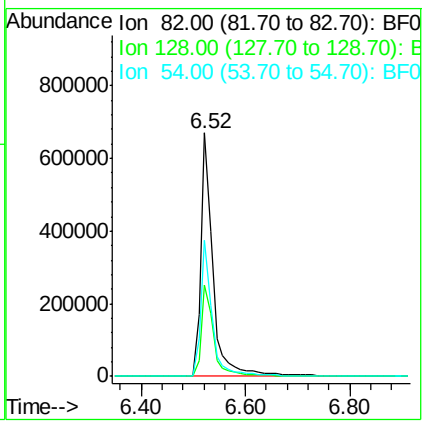


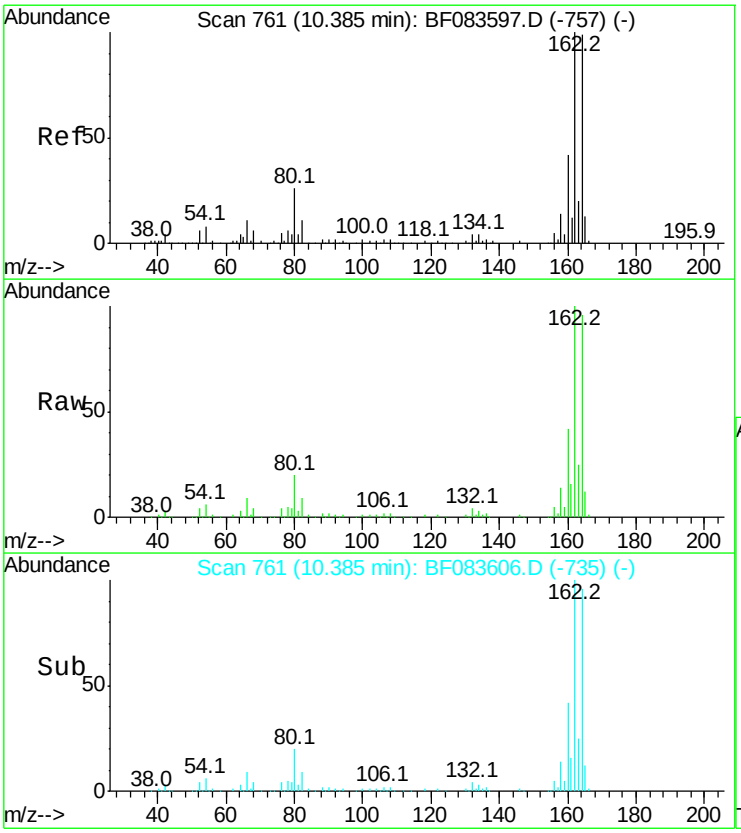
#23
Nitrobenzene-d5
Concen: 91.50 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Instrument :
BNA_F
ClientSampleId :
PB87111BL

Tgt Ion: 82 Resp: 1086336

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.7	46.1
54	55.9	42.5	63.7

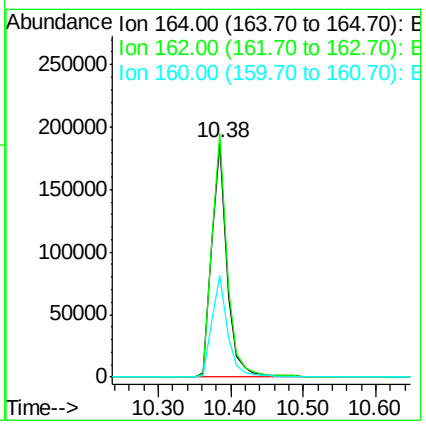


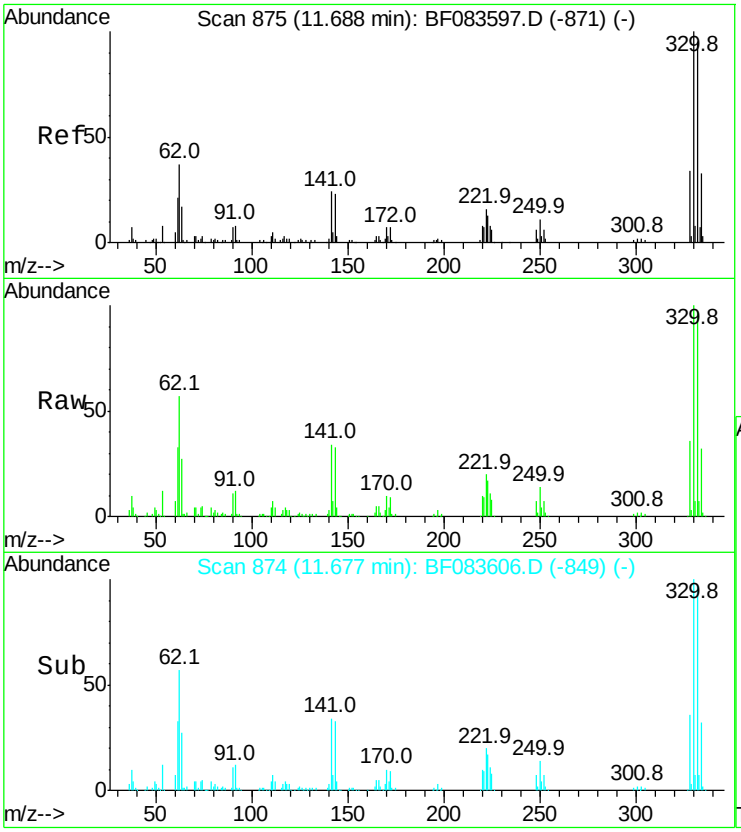


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Tgt Ion:164 Resp: 275737

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	43.3	33.4	50.2



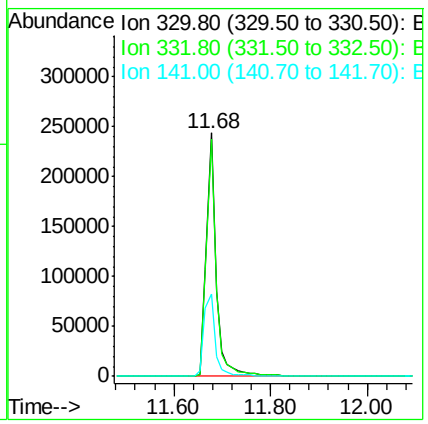


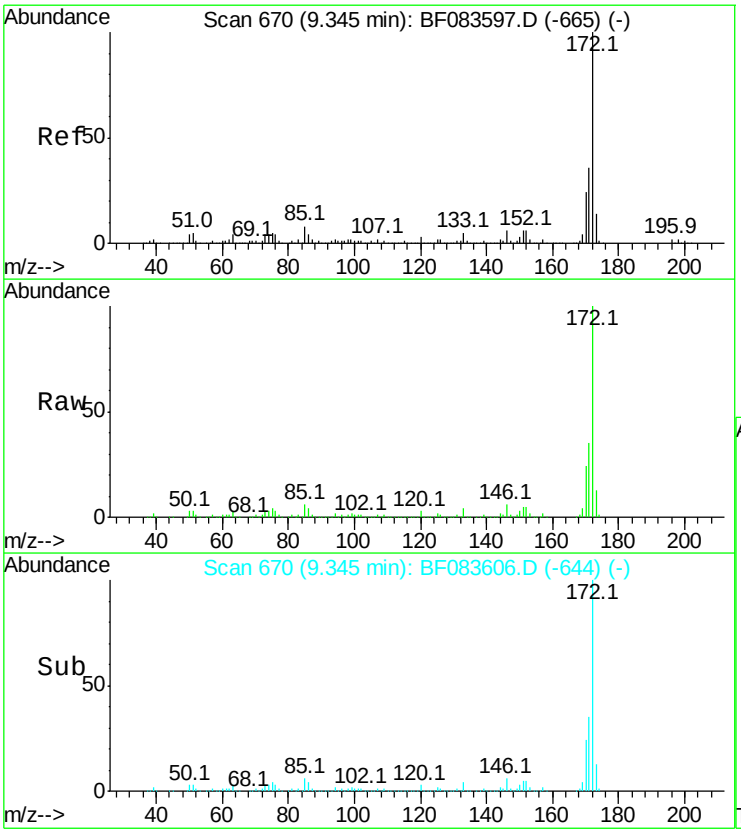
#41
2,4,6-Tribromophenol
Concen: 142.45 ng
RT: 11.68 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Instrument :
BNA_F
ClientSampleId :
PB87111BL

Tgt Ion:330 Resp: 349937

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	38.3	0.0	0.0#

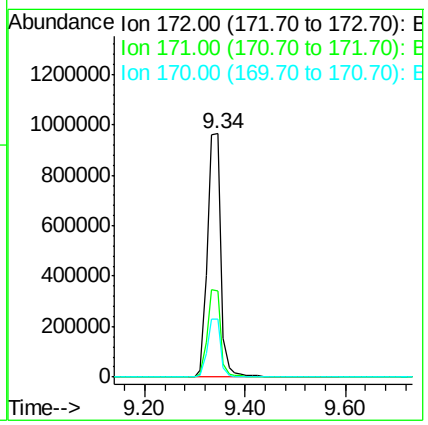


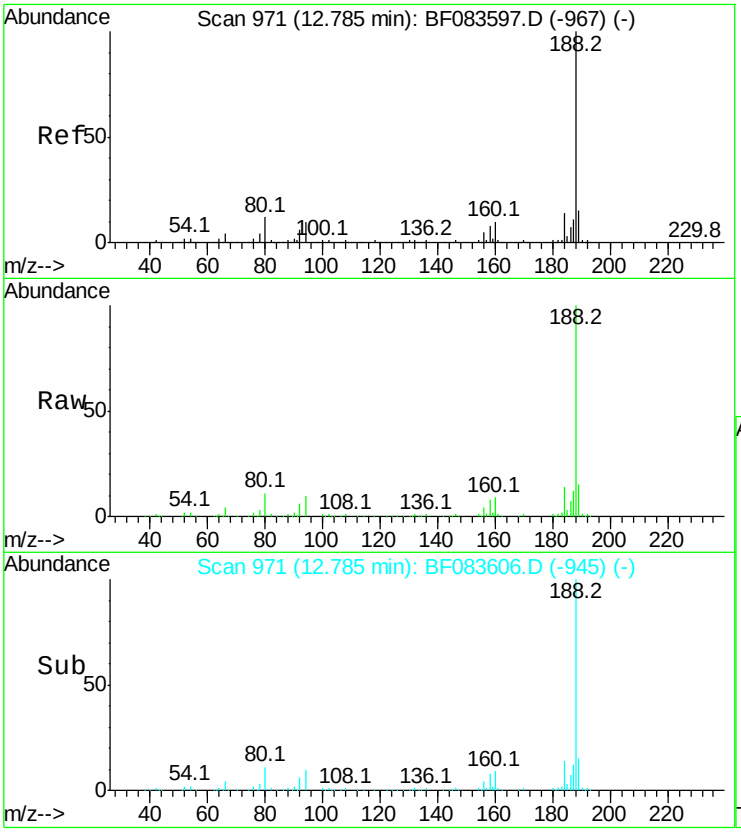


#44
2-Fluorobiphenyl
Concen: 91.51 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Tgt Ion:172 Resp: 1792768

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.9	19.4	29.0



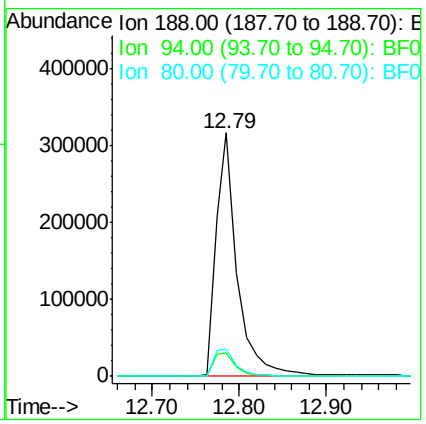


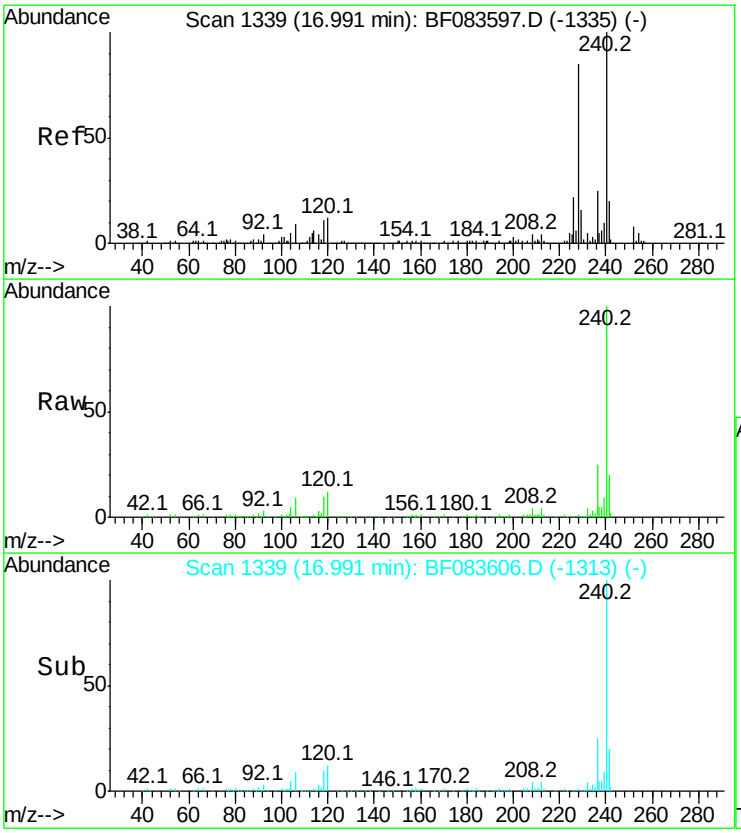
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Instrument :
BNA_F
ClientSampleId :
PB87111BL

Tgt Ion:188 Resp: 538326

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	11.3	10.6	16.0

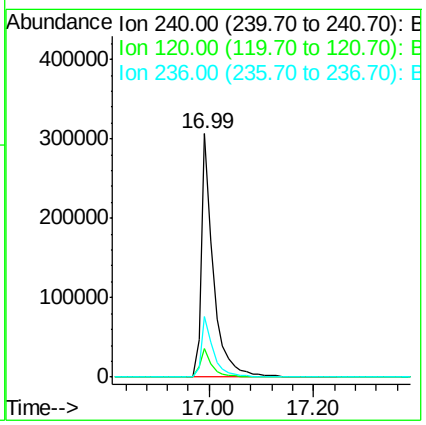


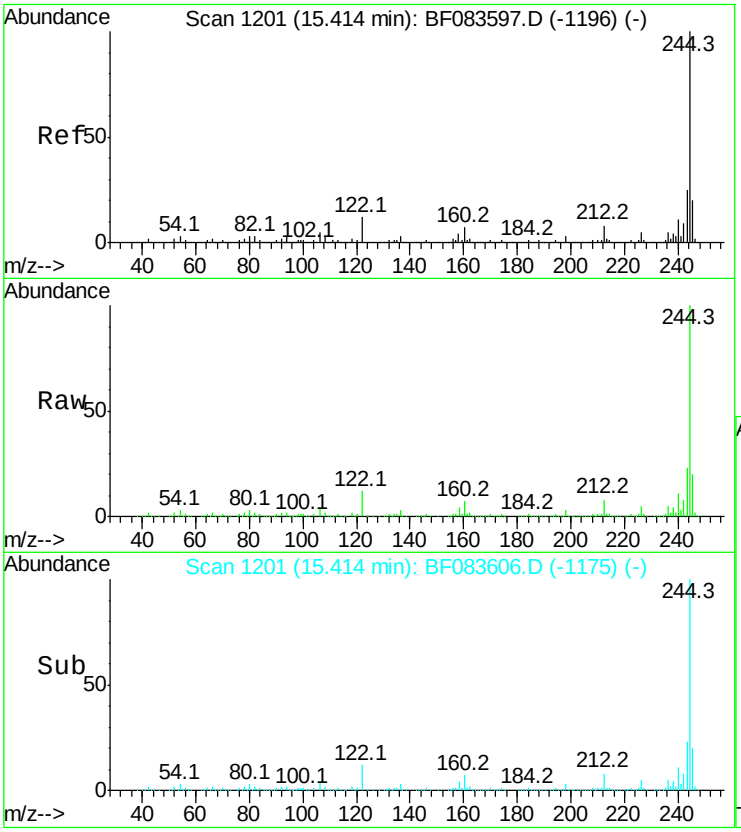


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Tgt Ion:240 Resp: 486837

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.1	12.1
236	24.8	20.8	31.2



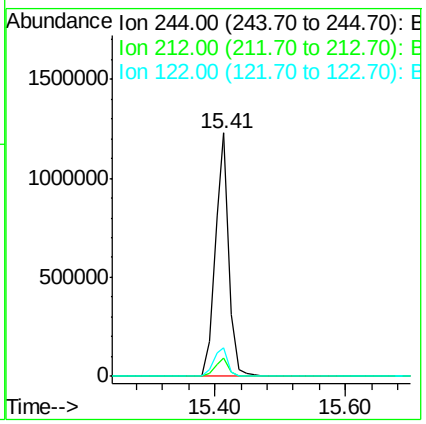


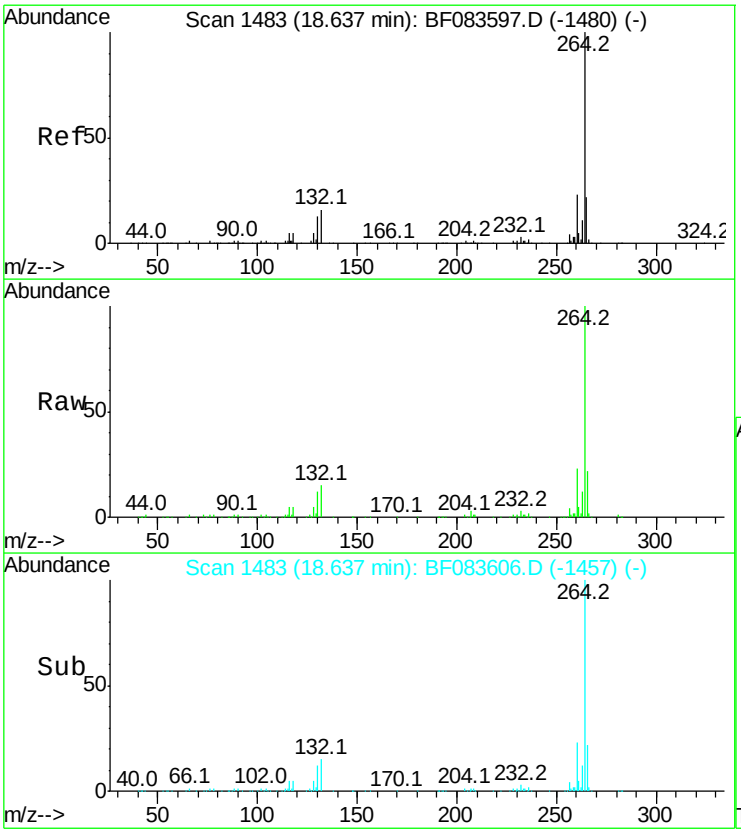
#78
Terphenyl-d14
Concen: 86.24 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Instrument :
BNA_F
ClientSampleId :
PB87111BL

Tgt Ion:244 Resp: 1784453

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.9	11.0	16.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF083606.D
Acq: 8 Dec 2015 20:51

Tgt Ion:264 Resp: 397970

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	21.5	17.8	26.6