Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077845.D
Acq On : 19 Mar 2015 22:08
Operator : TP/IZ
Sample : PB82188BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82188BL

Quant Time: Mar 20 01:55:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 01:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	41977	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	168758	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	82598	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	165731	20.00	ng	0.00
75) Chrysene-d12	16.02	240	174715	20.00	ng	-0.01
86) Perylene-d12	17.79	264	168006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	269283	111.98	ng	0.01
7) Phenol-d6	6.73	99	331205	111.47	ng	0.00
23) Nitrobenzene-d5	7.85	82	193713	75.24	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	79352	100.41	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	424252	75.48	ng	0.00
78) Terphenyl-d14	14.73	244	494292	69.11	ng	-0.01
Target Compounds						Qvalue

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

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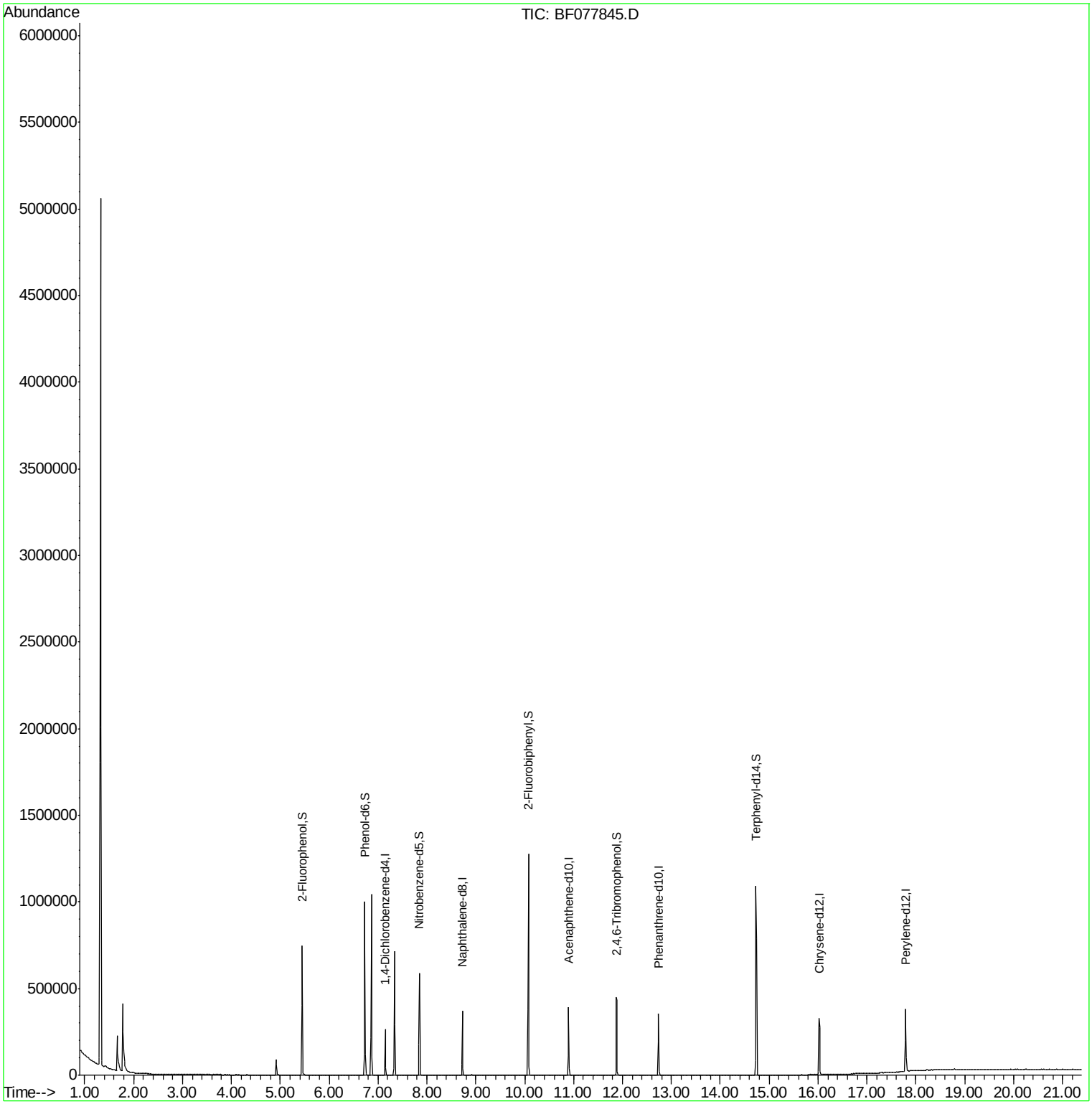
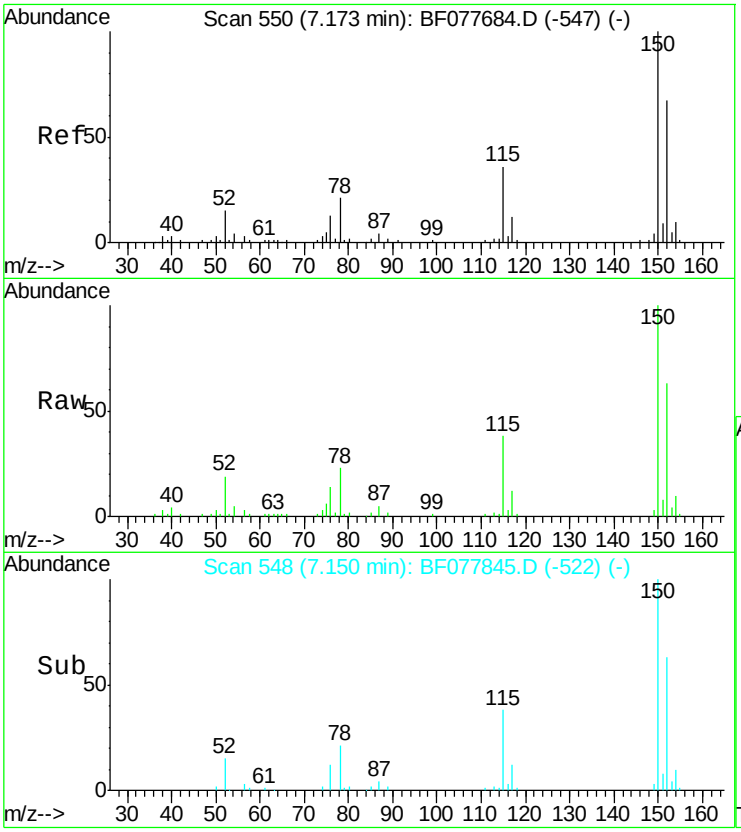


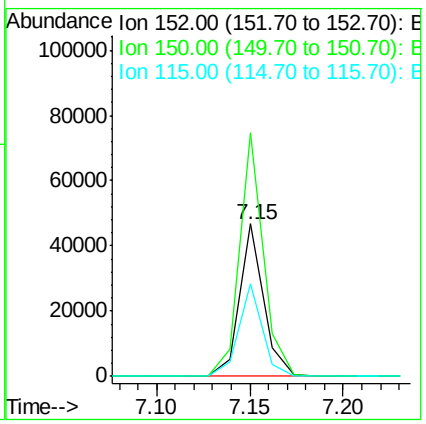


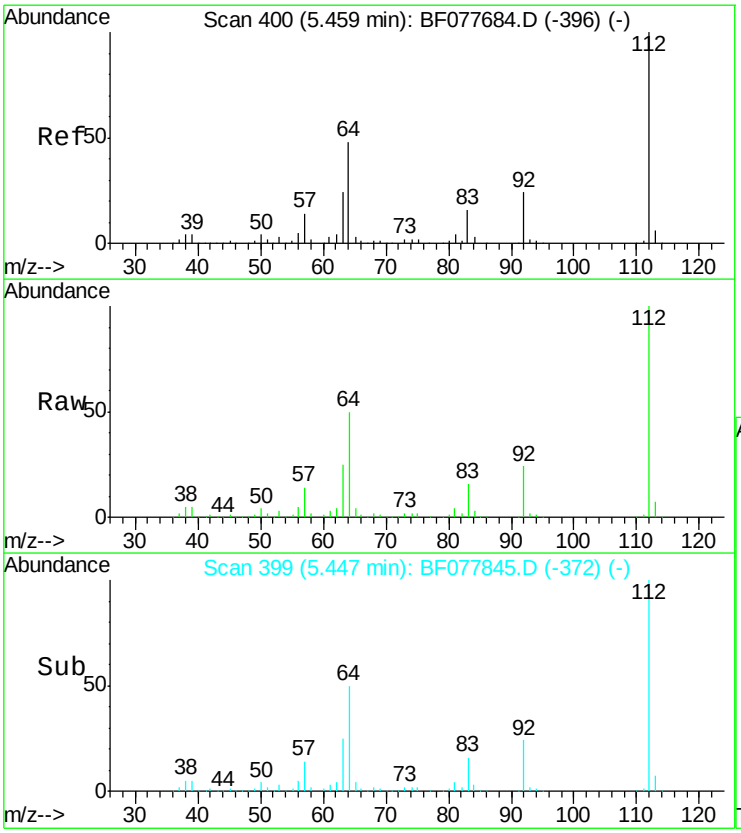
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Instrument :
BNA_F
ClientSampleId :
PB82188BL

Tgt Ion:152 Resp: 41977

Ion	Ratio	Lower	Upper
152	100		
150	159.6	119.5	179.3
115	60.8	43.0	64.4

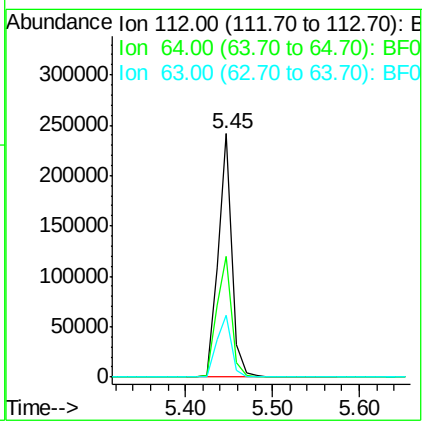


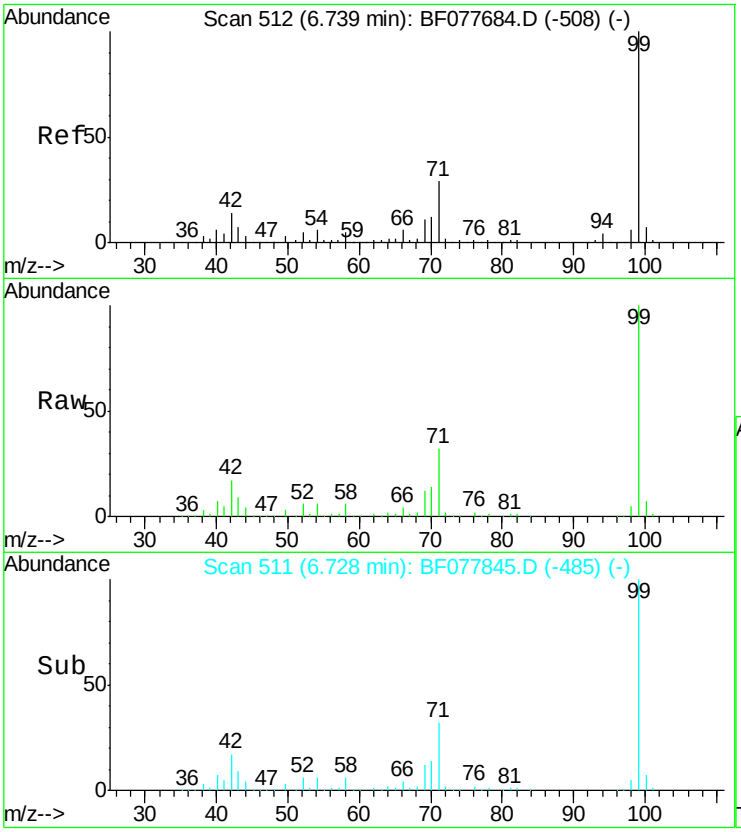


#5
2-Fluorophenol
Concen: 111.98 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Tgt Ion:112 Resp: 269283

Ion	Ratio	Lower	Upper
112	100		
64	49.7	38.6	57.8
63	25.2	19.3	28.9



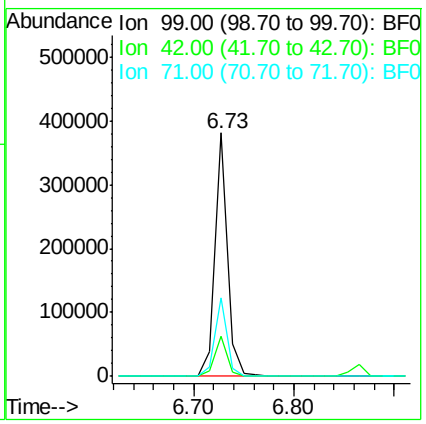


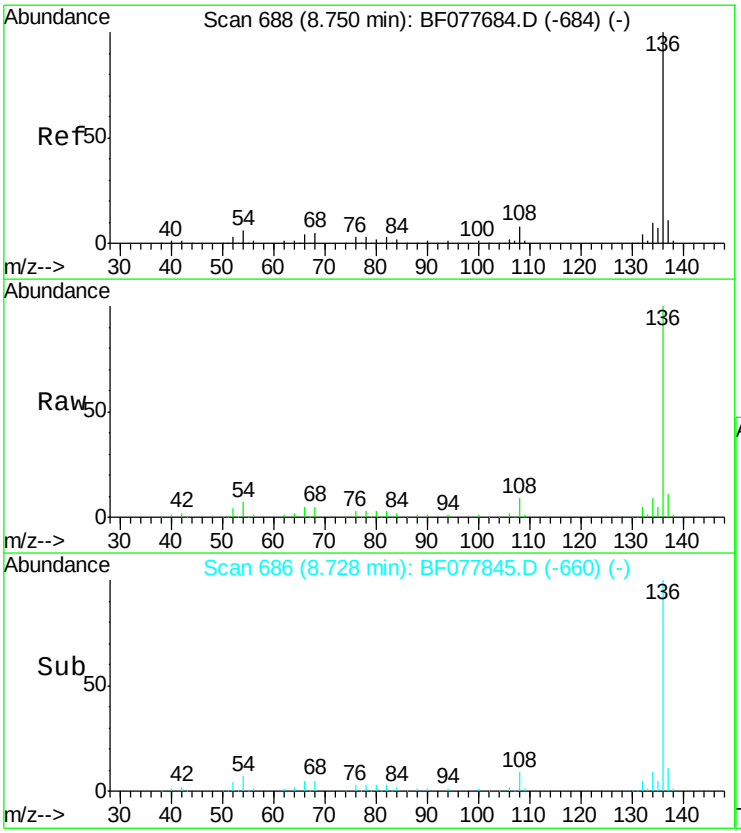
#7
Phenol-d6
Concen: 111.47 ng
RT: 6.73 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Instrument :
BNA_F
ClientSampleId :
PB82188BL

Tgt Ion: 99 Resp: 331205

Ion	Ratio	Lower	Upper
99	100		
42	16.7	11.0	16.4#
71	32.3	23.4	35.2

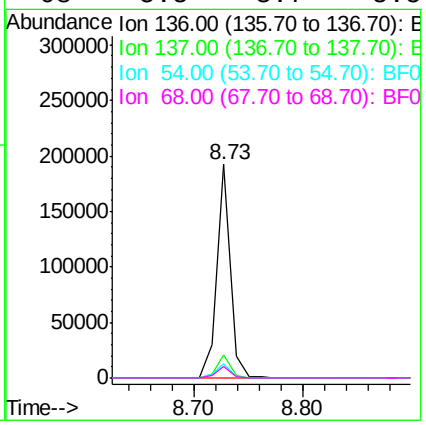


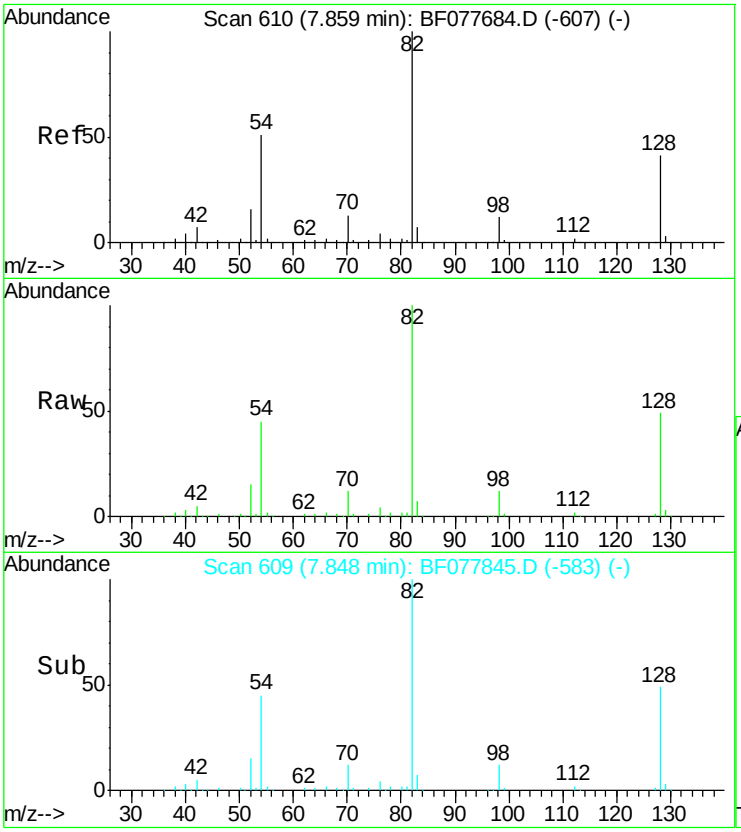


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Tgt Ion:136 Resp: 168758

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	4.6	6.8
68	5.5	3.7	5.5



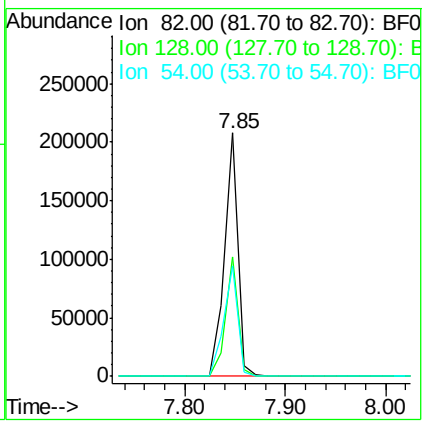


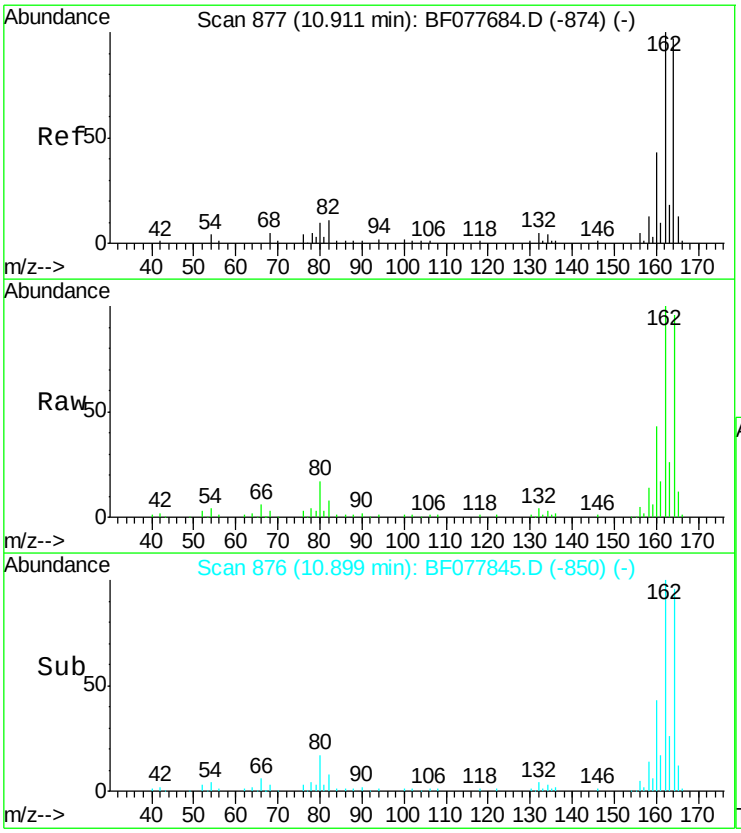
#23
Nitrobenzene-d5
Concen: 75.24 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Instrument :
BNA_F
ClientSampleId :
PB82188BL

Tgt Ion: 82 Resp: 193713

Ion	Ratio	Lower	Upper
82	100		
128	49.2	32.8	49.2#
54	45.4	40.6	60.8

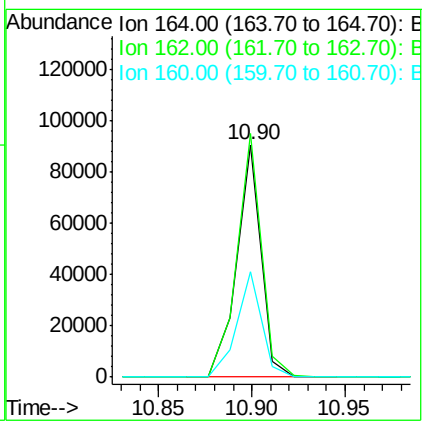


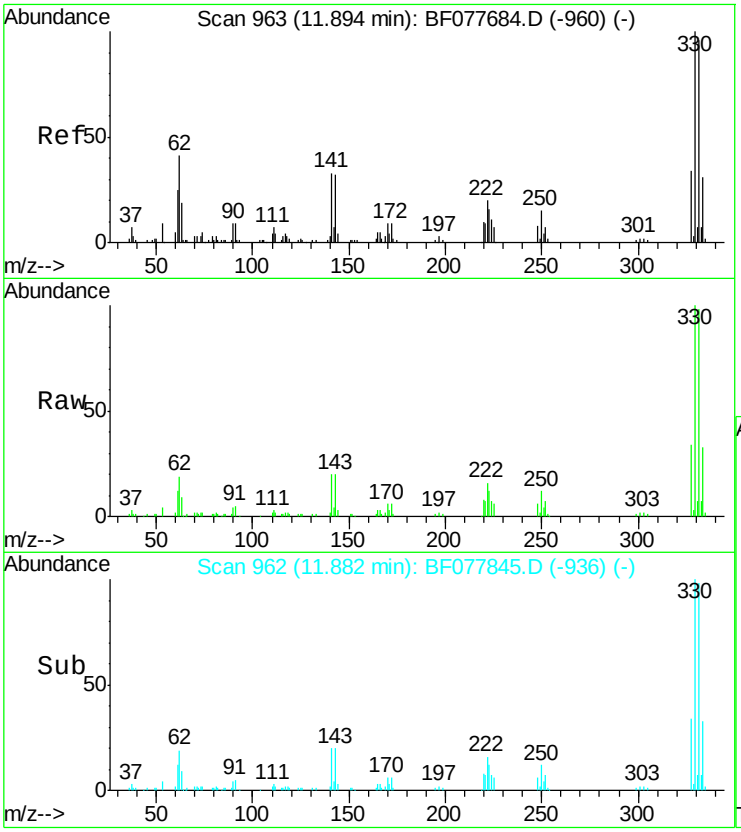


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Tgt Ion:164 Resp: 82598

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.4	123.6
160	45.2	35.8	53.6



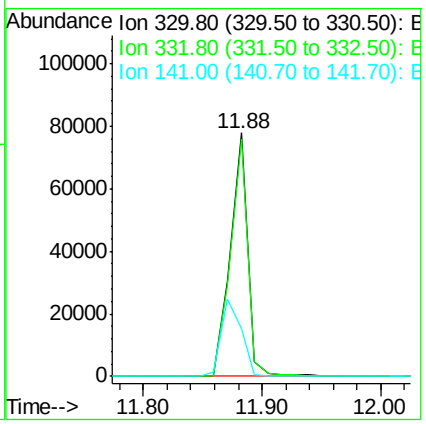


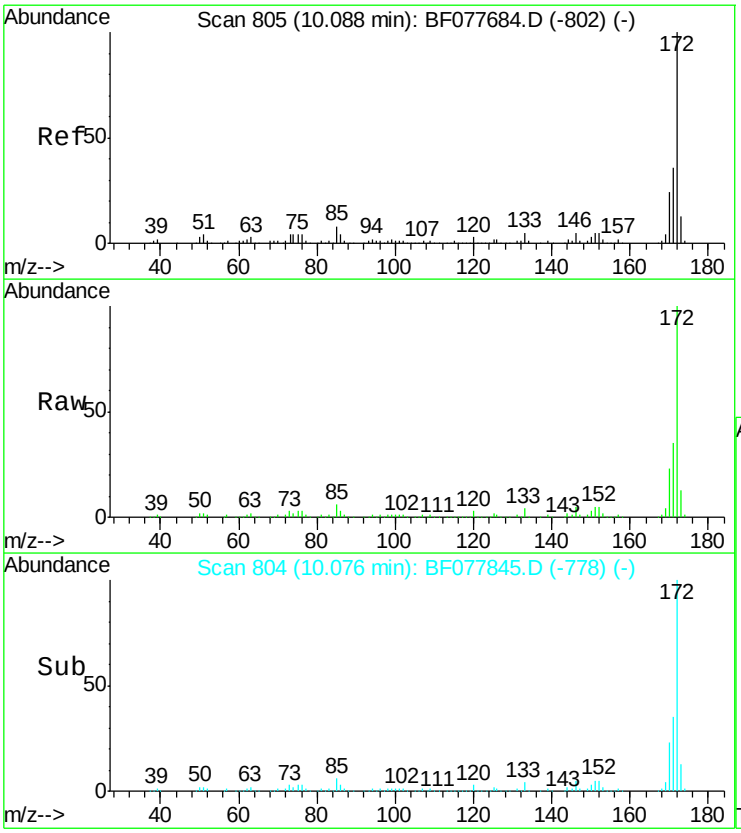
#41
2,4,6-Tribromophenol
Concen: 100.41 ng
RT: 11.88 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Instrument :
BNA_F
ClientSampleId :
PB82188BL

Tgt Ion:330 Resp: 79352

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	36.3	0.0	0.0#

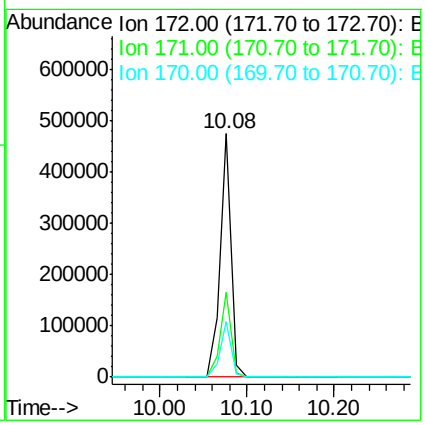


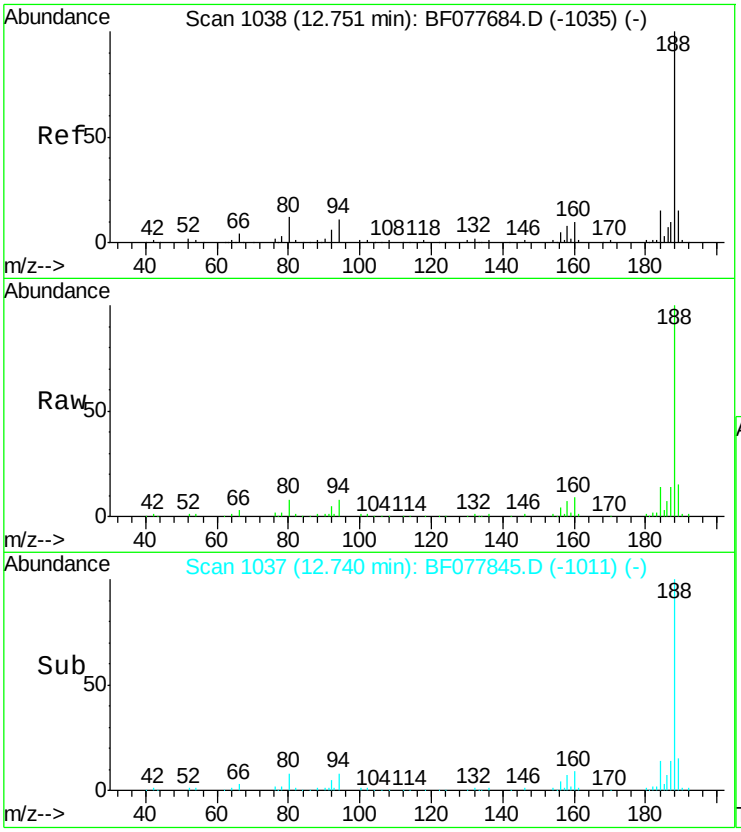


#44
2-Fluorobiphenyl
Concen: 75.48 ng
RT: 10.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Tgt Ion:172 Resp: 424252

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.0	18.8	28.2



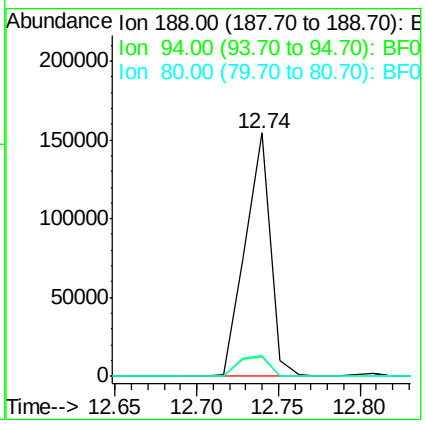


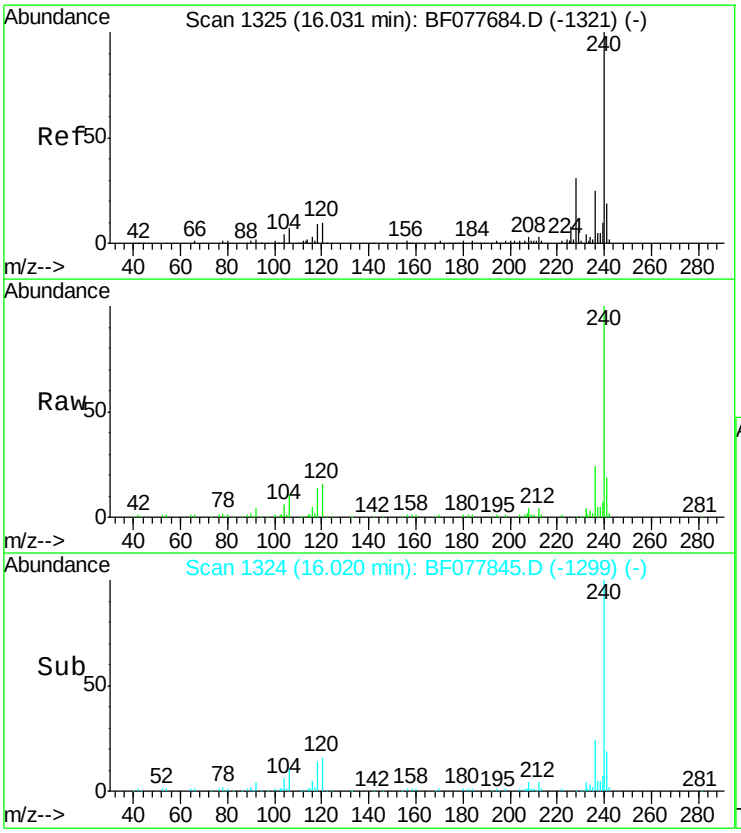
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Instrument :
BNA_F
ClientSampleId :
PB82188BL

Tgt Ion:188 Resp: 165731

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	8.4	9.3	13.9#

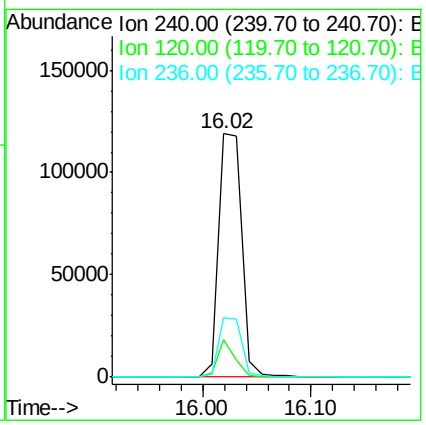


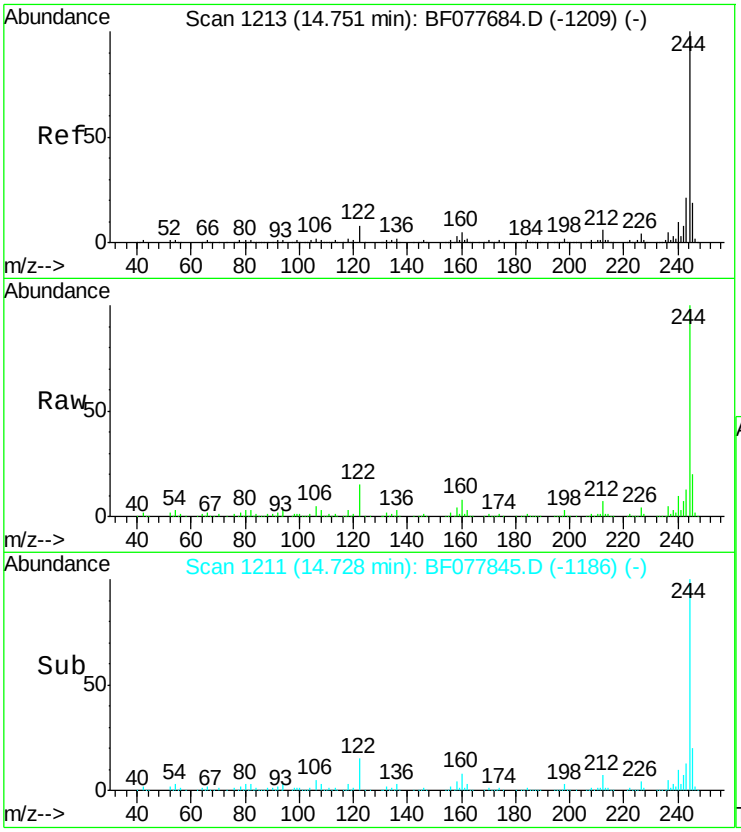


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Tgt Ion:240 Resp: 174715

Ion	Ratio	Lower	Upper
240	100		
120	15.5	8.2	12.2#
236	24.3	20.0	30.0



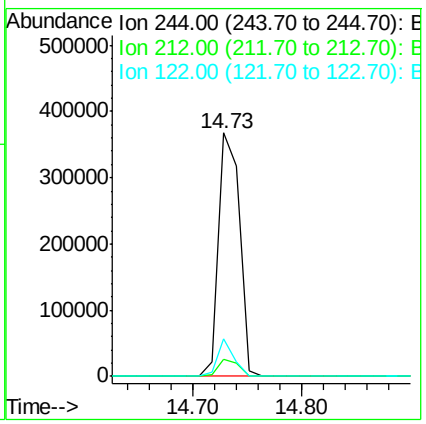


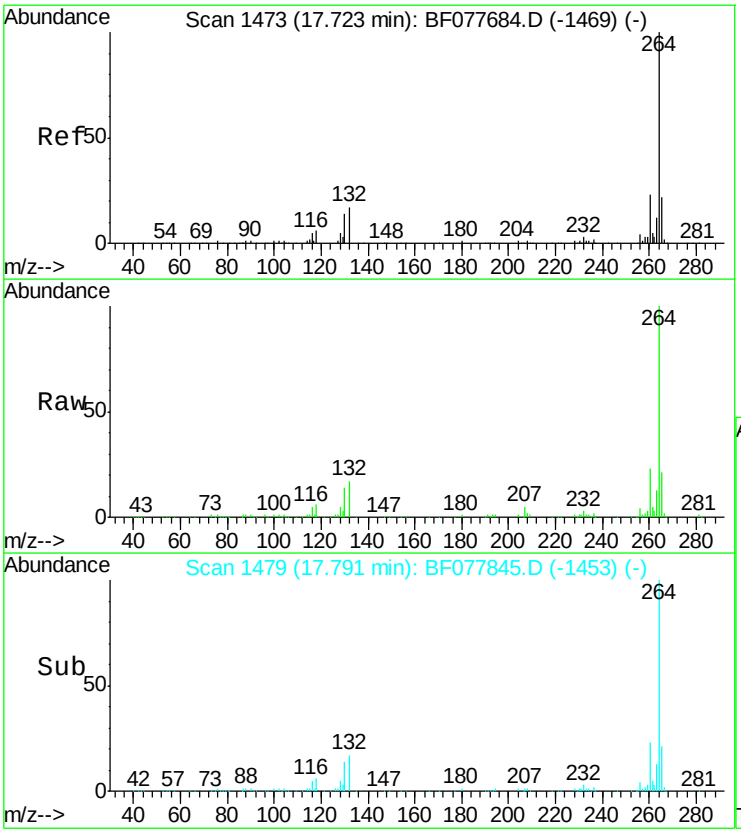
#78
Terphenyl-d14
Concen: 69.11 ng
RT: 14.73 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Instrument :
BNA_F
ClientSampleId :
PB82188BL

Tgt Ion:244 Resp: 494292

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	15.2	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Tgt Ion:264 Resp: 168006

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.0	17.3	25.9