Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086050.D
Acq On : 4 Apr 2016 21:14
Operator : UM/SJ
Sample : H2180-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-20160401

Quant Time: Apr 05 04:07:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	110916	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	404122	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	174025	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	273086	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	209843	20.00	ng	-0.01
86) Perylene-d12	15.32	264	159241	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	500088	77.07	ng	-0.01
7) Phenol-d6	6.41	99	431589	52.36	ng	-0.01
23) Nitrobenzene-d5	7.33	82	612868	89.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	172934	105.87	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1015491	97.02	ng	-0.01
78) Terphenyl-d14	12.86	244	710651	79.61	ng	-0.01
Target Compounds						Qvalue

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

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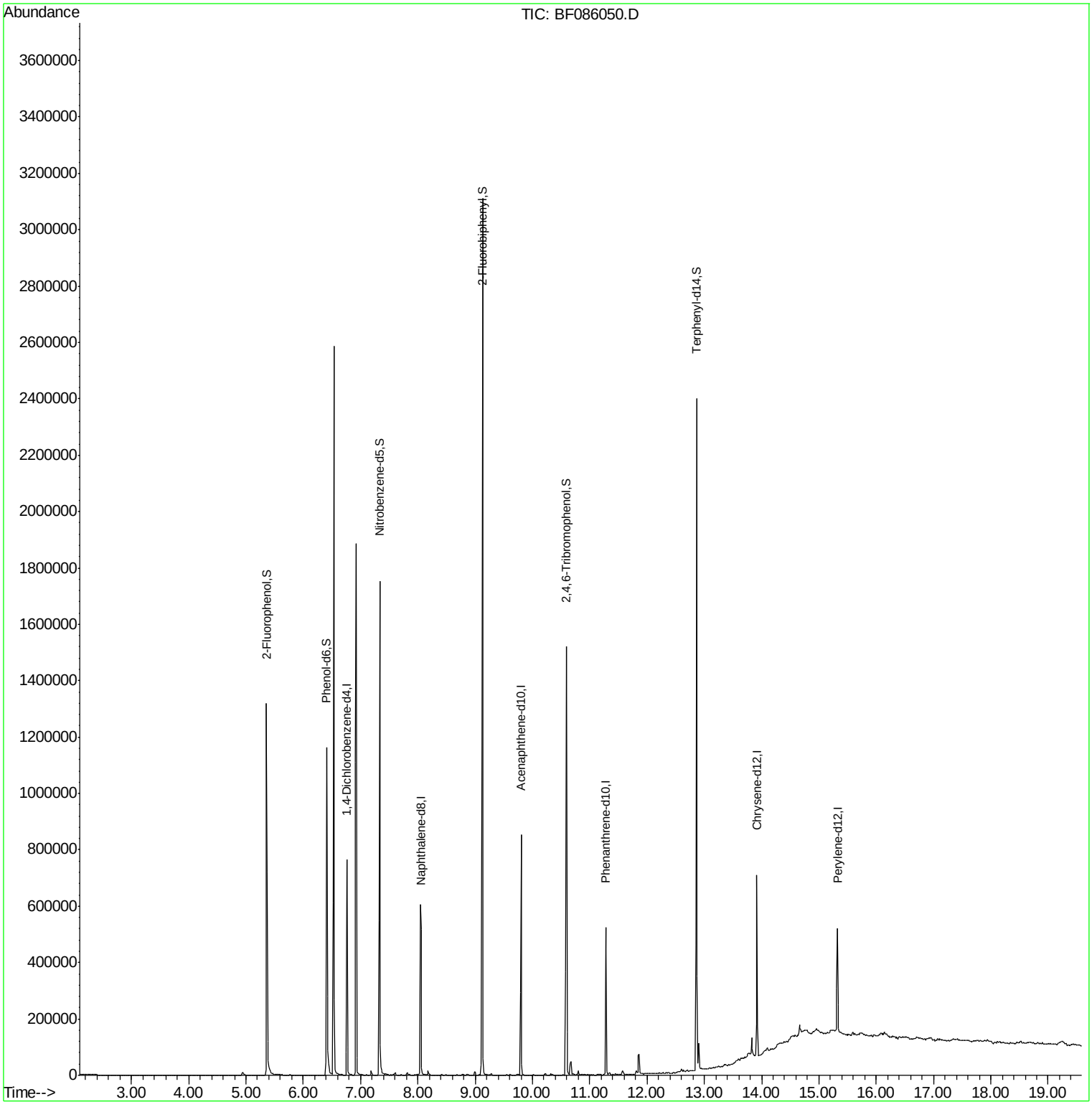
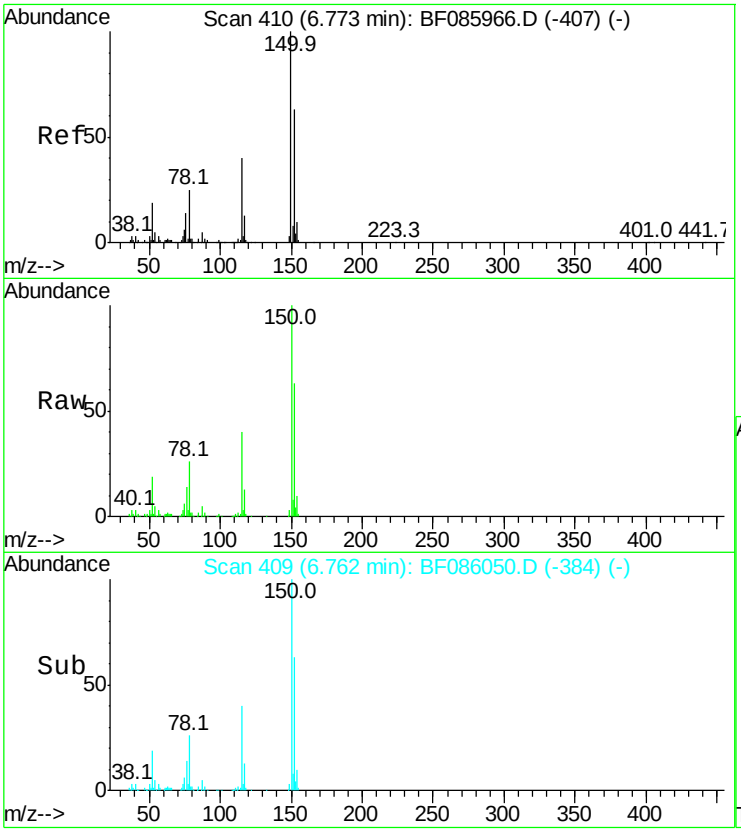


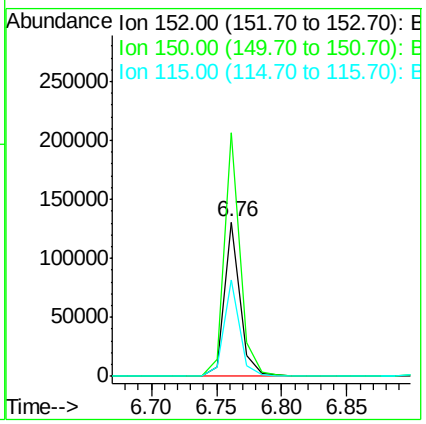


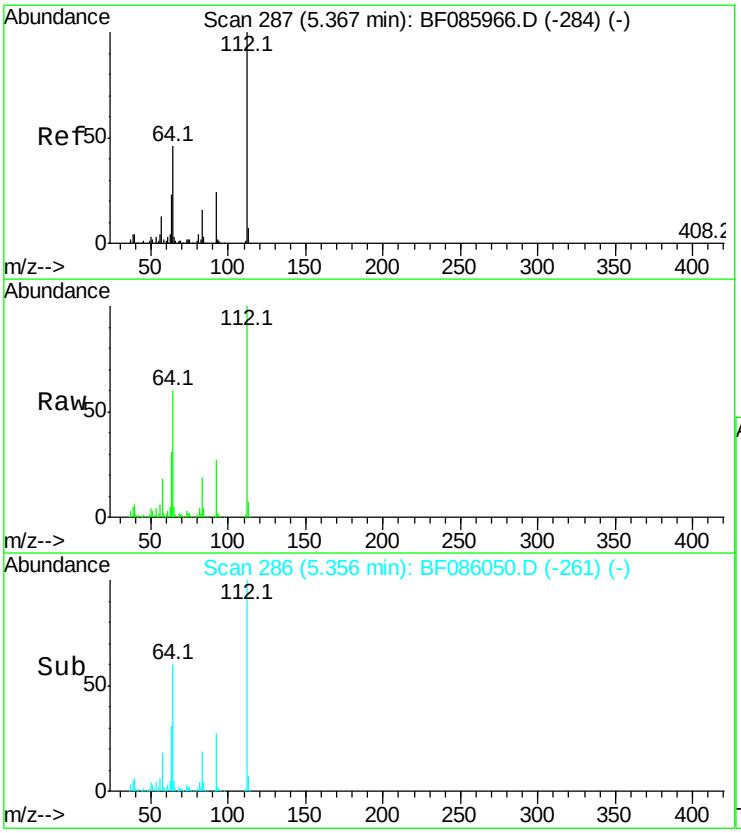
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Instrument :
BNA_F
ClientSampleId :
FB-20160401

Tgt Ion:152 Resp: 110916

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.2	186.2
115	62.7	47.0	70.6

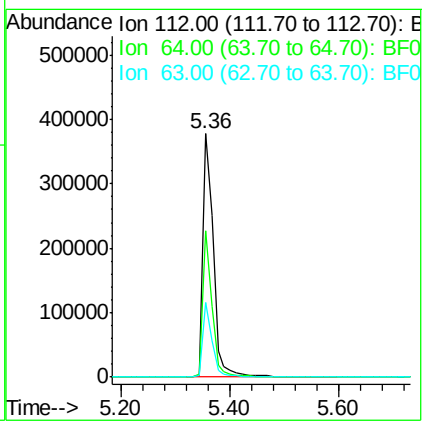


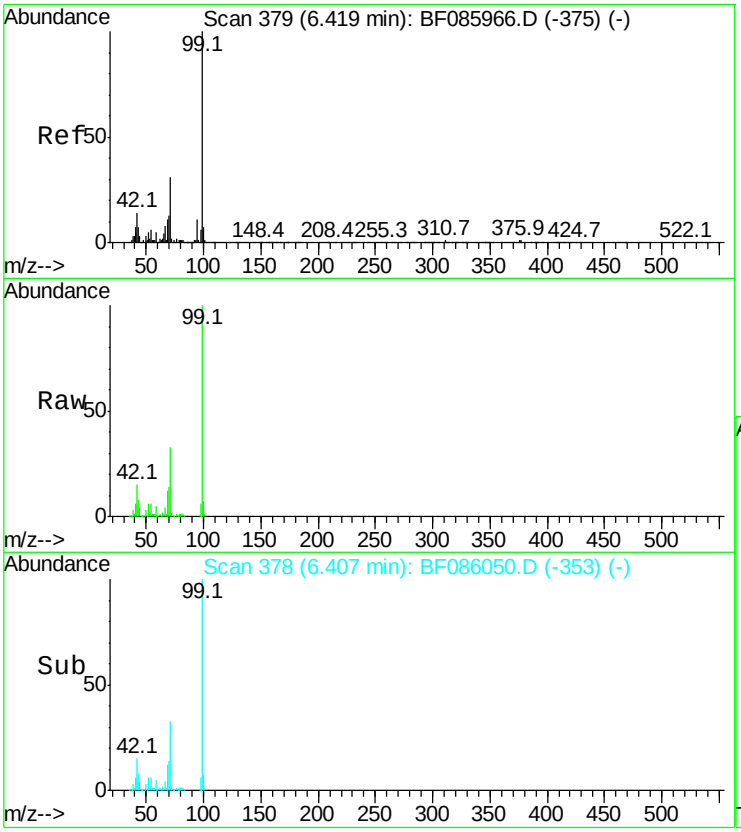


#5
2-Fluorophenol
Concen: 77.07 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Tgt Ion:112 Resp: 500088

Ion	Ratio	Lower	Upper
112	100		
64	60.4	39.9	59.9#
63	30.7	20.2	30.2#



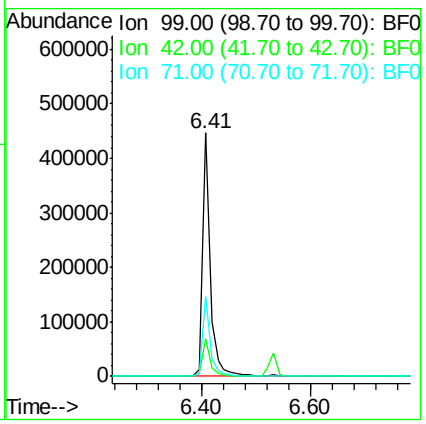


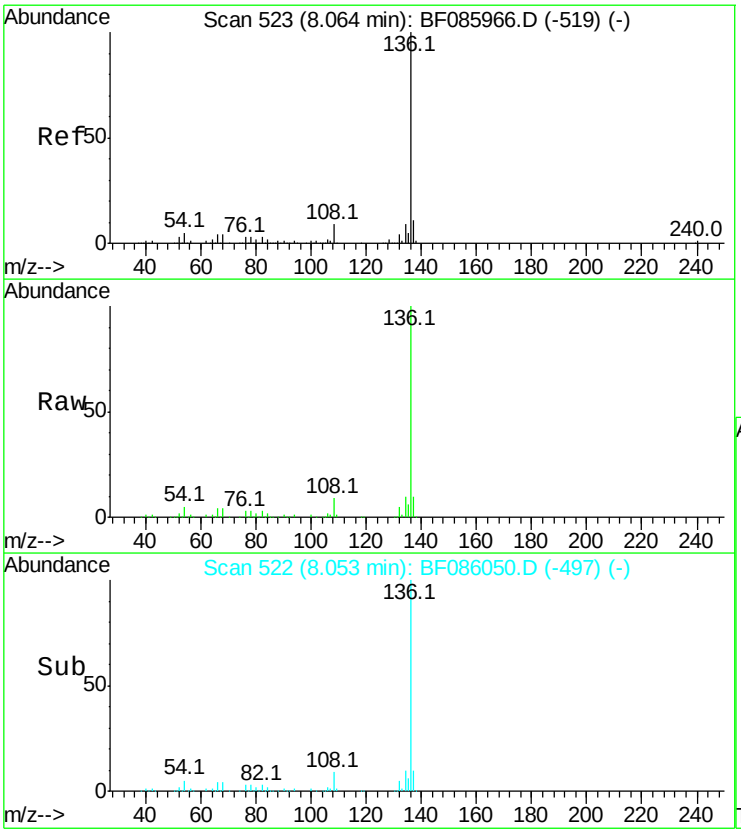
#7
Phenol-d6
Concen: 52.36 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Instrument :
BNA_F
ClientSampleId :
FB-20160401

Tgt Ion: 99 Resp: 431589

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.1	16.7
71	32.5	24.9	37.3

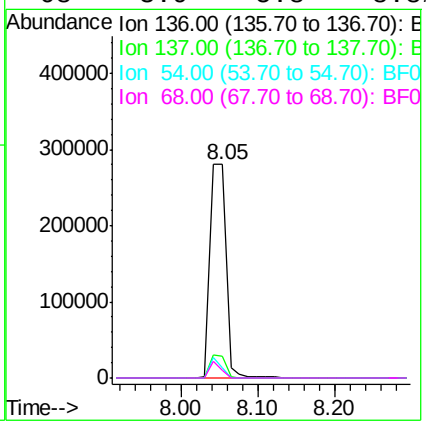


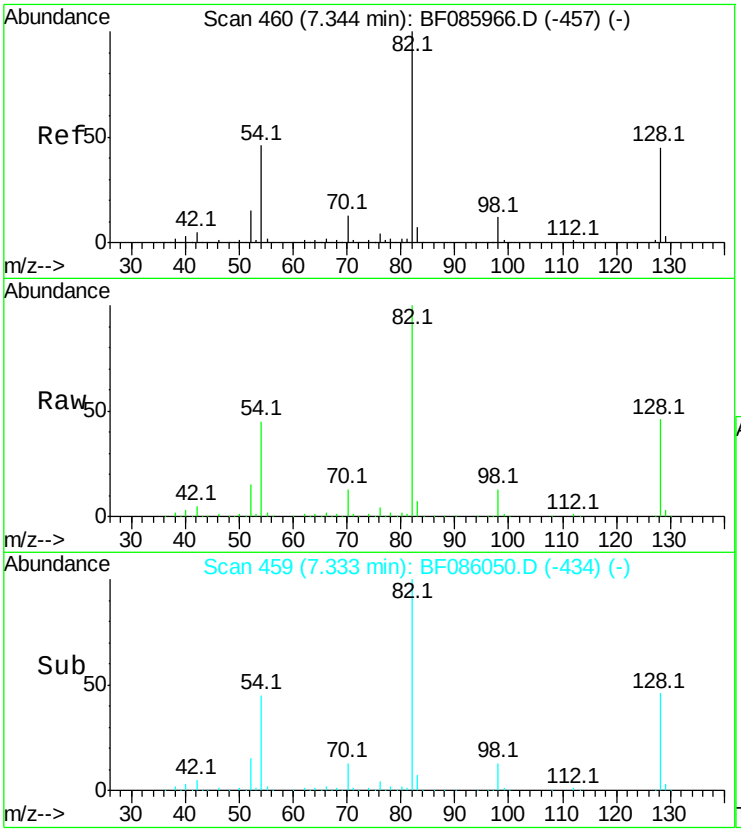


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Tgt Ion:136 Resp: 404122

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	4.6	7.4	11.0#
68	3.9	5.8	8.8#



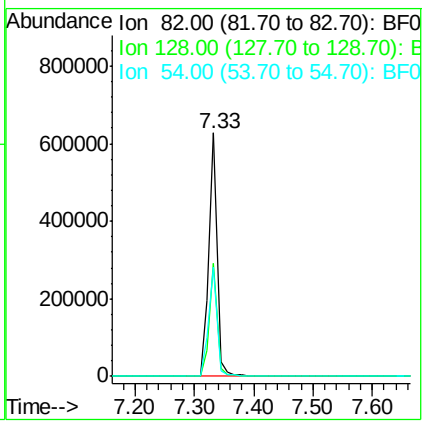


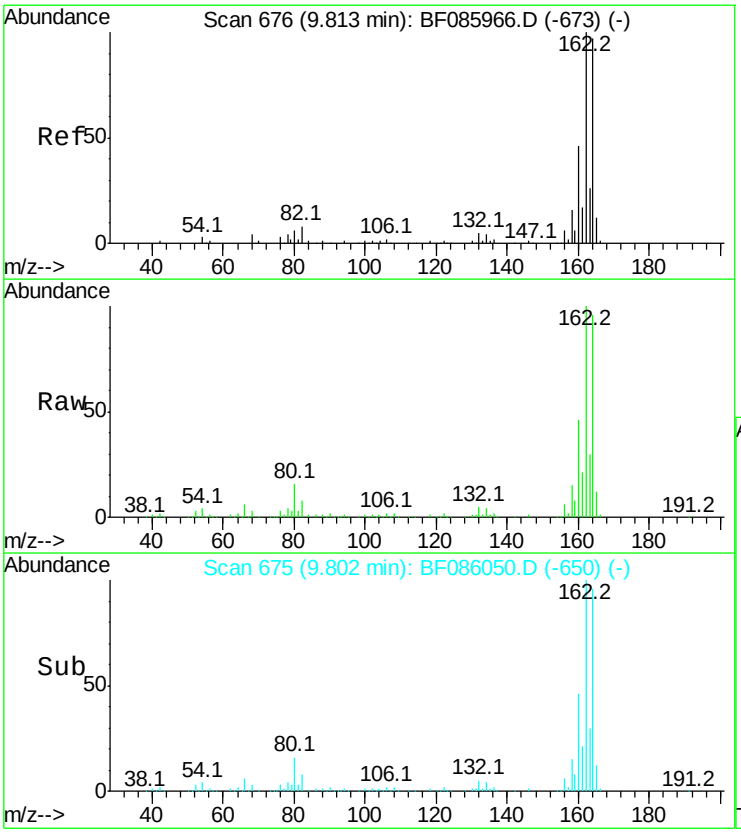
#23
Nitrobenzene-d5
Concen: 89.43 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Instrument :
BNA_F
ClientSampleId :
FB-20160401

Tgt Ion: 82 Resp: 612868

Ion	Ratio	Lower	Upper
82	100		
128	46.4	41.8	62.8
54	44.8	33.4	50.0

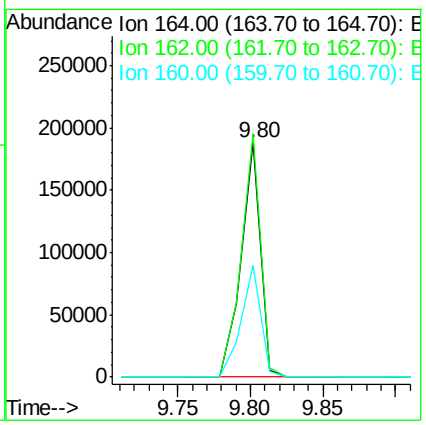


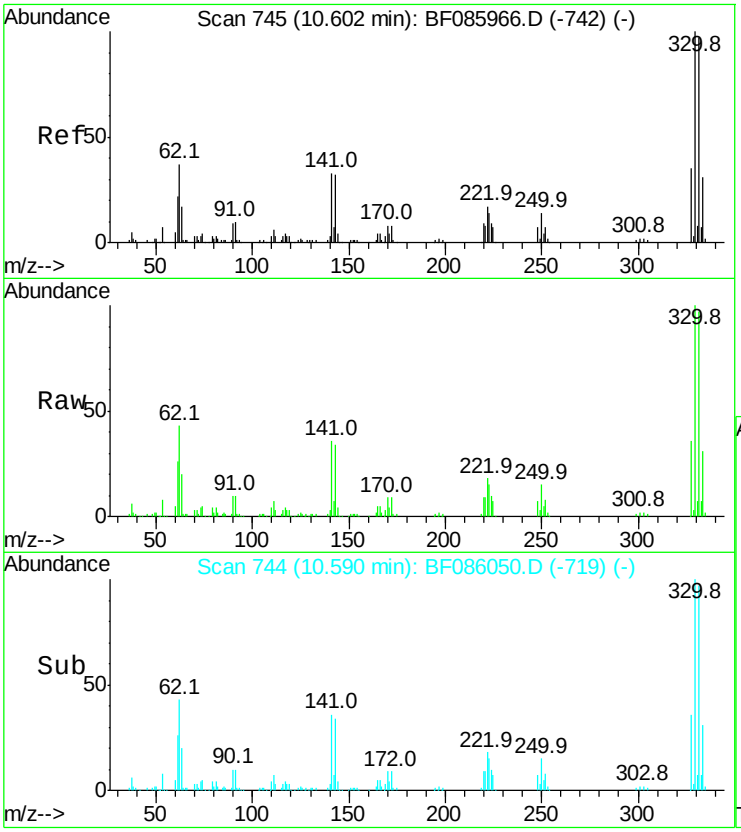


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Tgt Ion:164 Resp: 174025

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.1	123.1
160	47.6	37.4	56.2



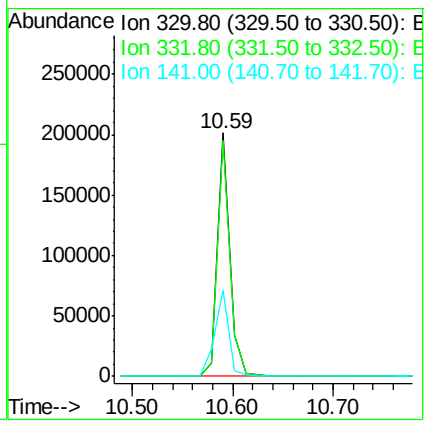


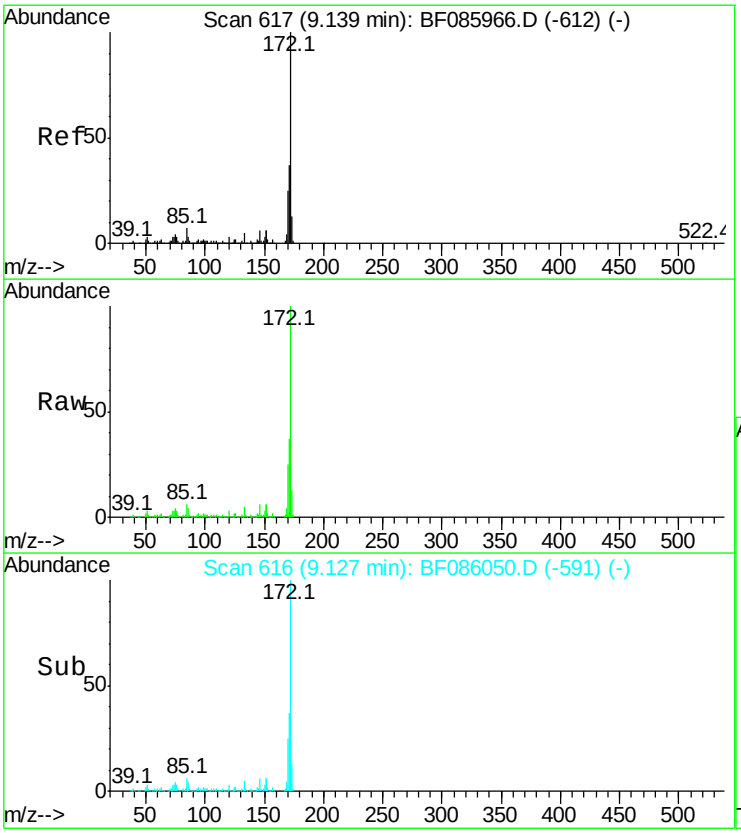
#41
2,4,6-Tribromophenol
Concen: 105.87 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Instrument :
BNA_F
ClientSampleId :
FB-20160401

Tgt Ion:330 Resp: 172934

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	39.8	31.5	47.3

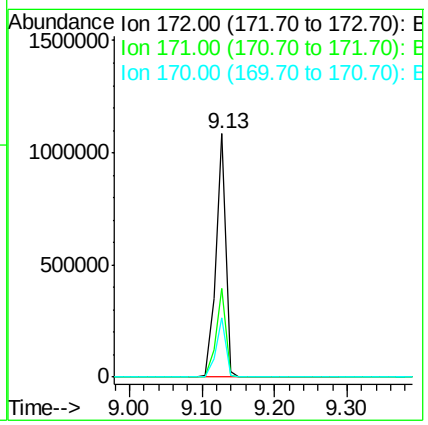


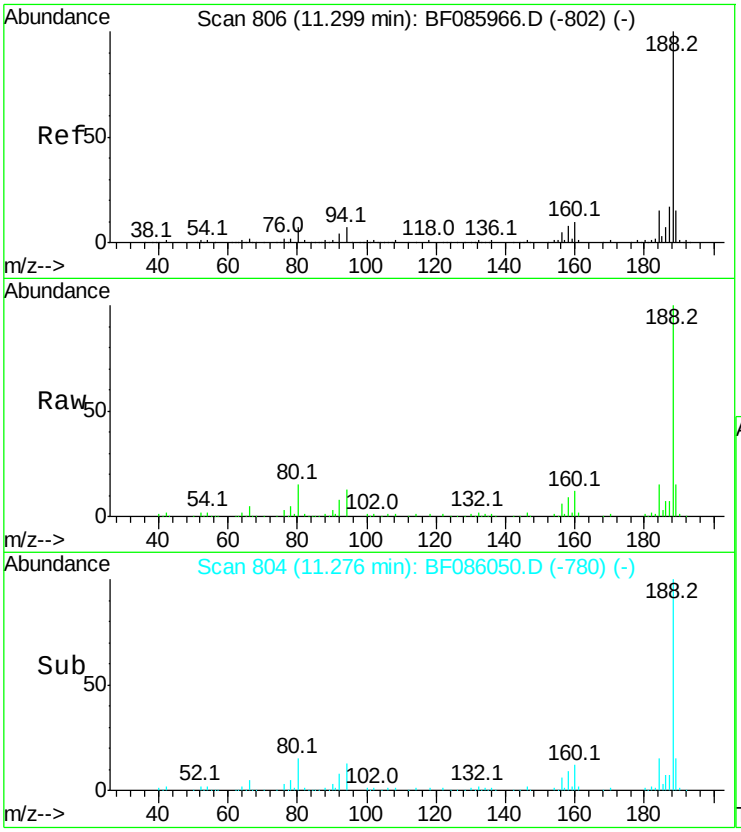


#44
2-Fluorobiphenyl
Concen: 97.02 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Tgt Ion:172 Resp: 1015491

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.5	19.8	29.6



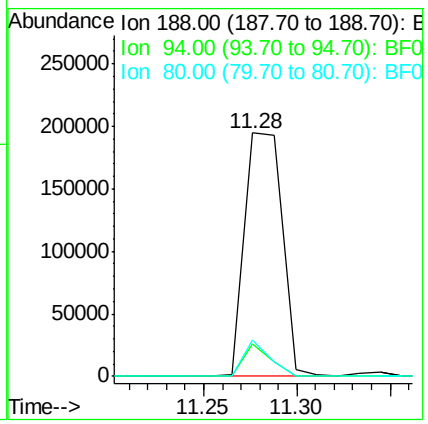


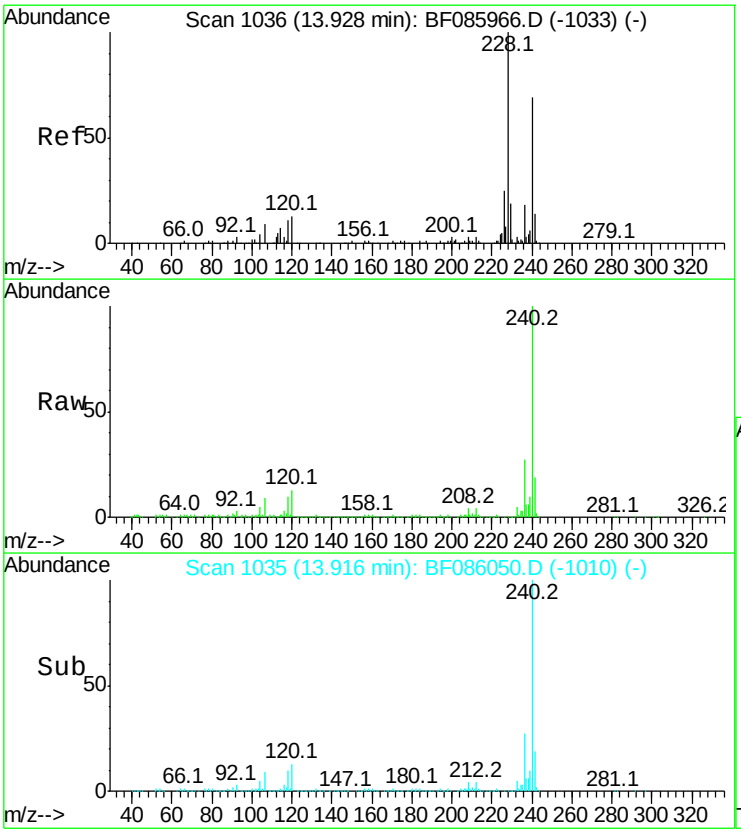
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Instrument :
BNA_F
ClientSampleId :
FB-20160401

Tgt Ion:188 Resp: 273086

Ion	Ratio	Lower	Upper
188	100		
94	13.5	5.4	8.0#
80	14.9	5.5	8.3#

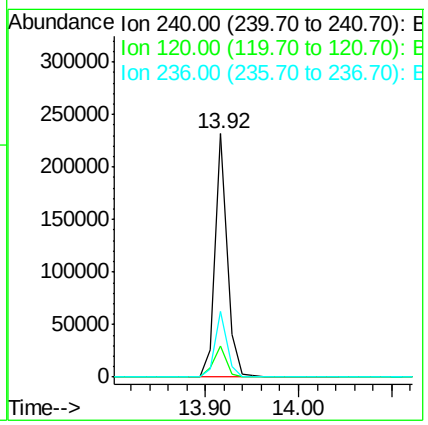


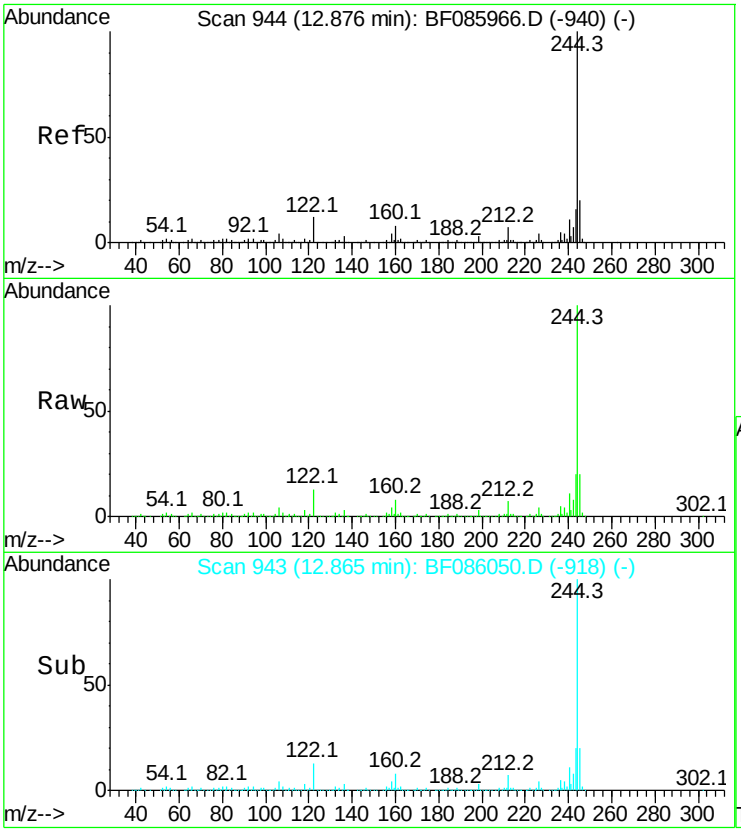


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Tgt Ion:240 Resp: 209843

Ion	Ratio	Lower	Upper
240	100		
120	12.7	13.8	20.8#
236	26.8	20.6	30.8



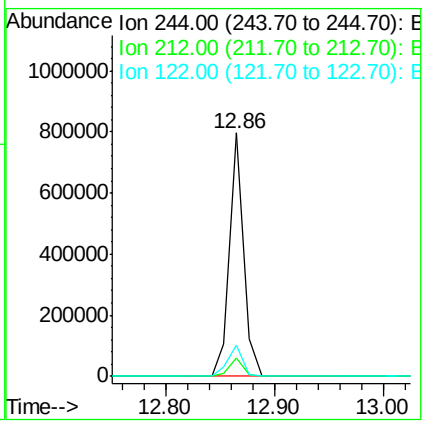


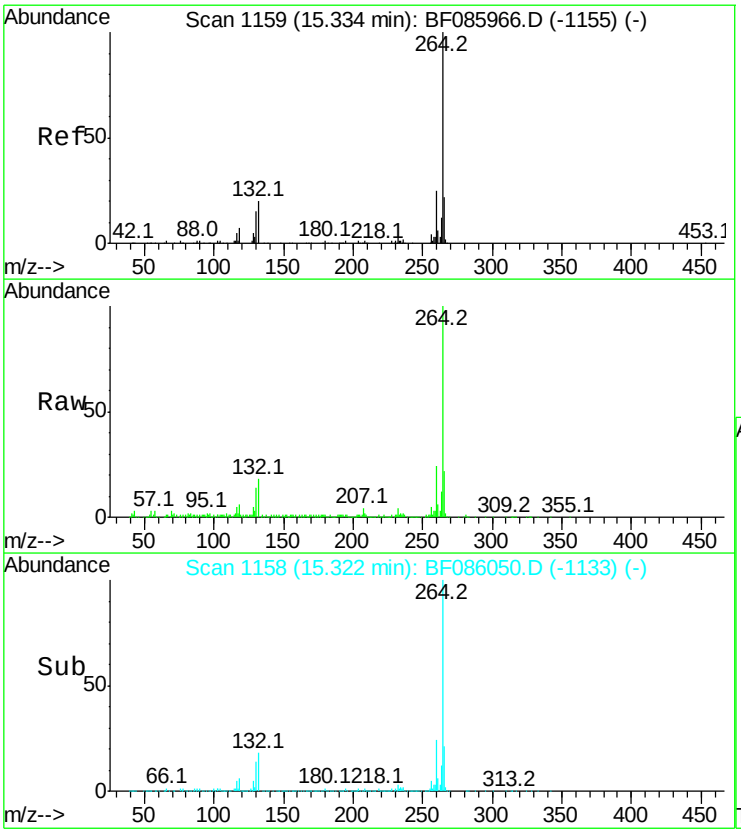
#78
Terphenyl-d14
Concen: 79.61 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Instrument :
BNA_F
ClientSampleId :
FB-20160401

Tgt Ion:244 Resp: 710651

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.0	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086050.D
Acq: 4 Apr 2016 21:14

Tgt Ion:264 Resp: 159241

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	17.2	25.8