Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086040.D
Acq On : 4 Apr 2016 16:10
Operator : UM/SJ
Sample : PB89461BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89461BL

Quant Time: Apr 05 01:33:42 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	114879	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	457106	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	211815	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	417570	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	392315	20.00	ng	-0.01
86) Perylene-d12	15.32	264	336071	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	755882	112.47	ng	0.00
7) Phenol-d6	6.41	99	1010073	118.32	ng	-0.01
23) Nitrobenzene-d5	7.33	82	598188	77.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	261975	131.77	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1030157	80.86	ng	-0.01
78) Terphenyl-d14	12.86	244	1049483	62.88	ng	-0.01

Target Compounds	Qvalue

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

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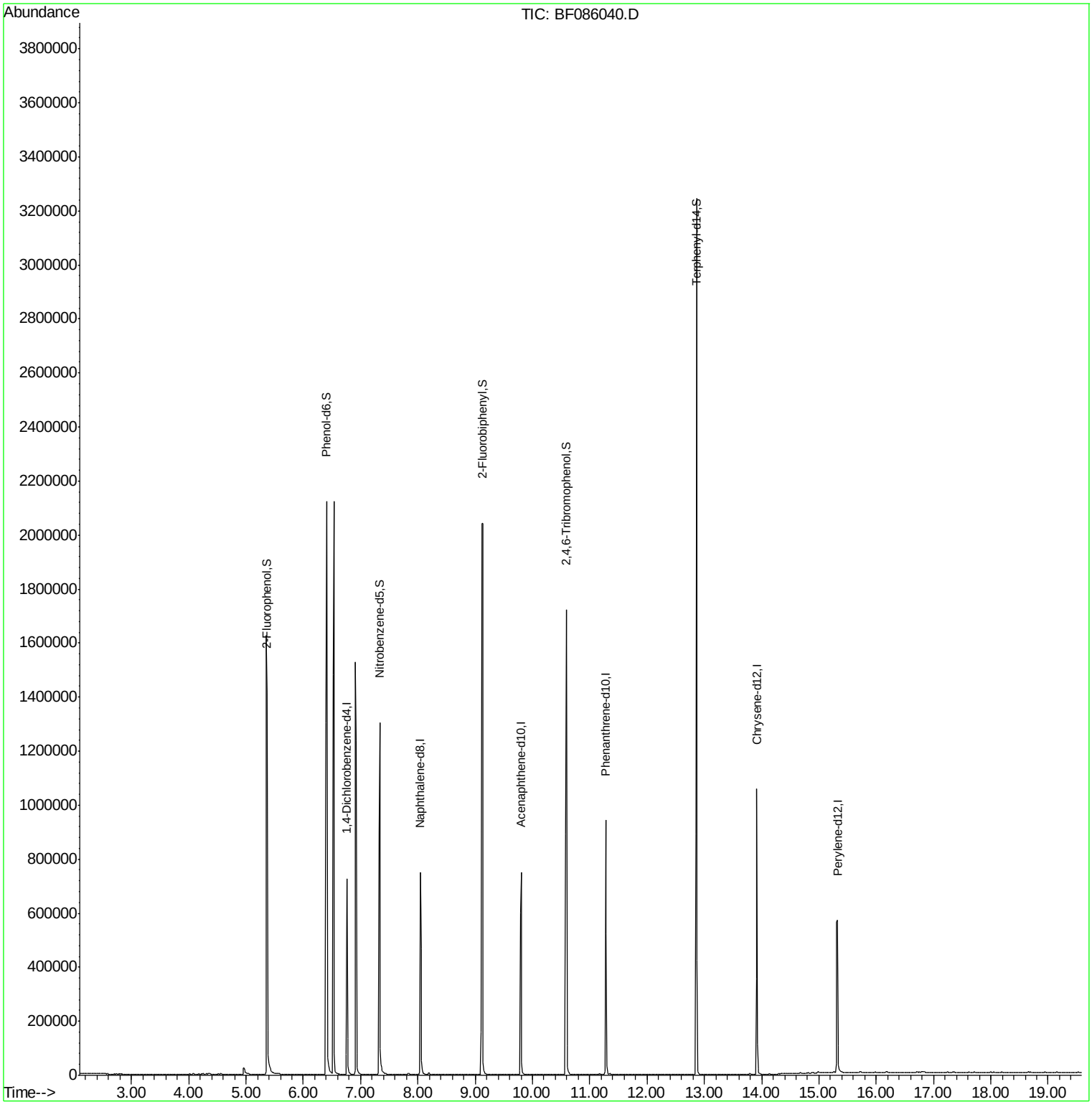
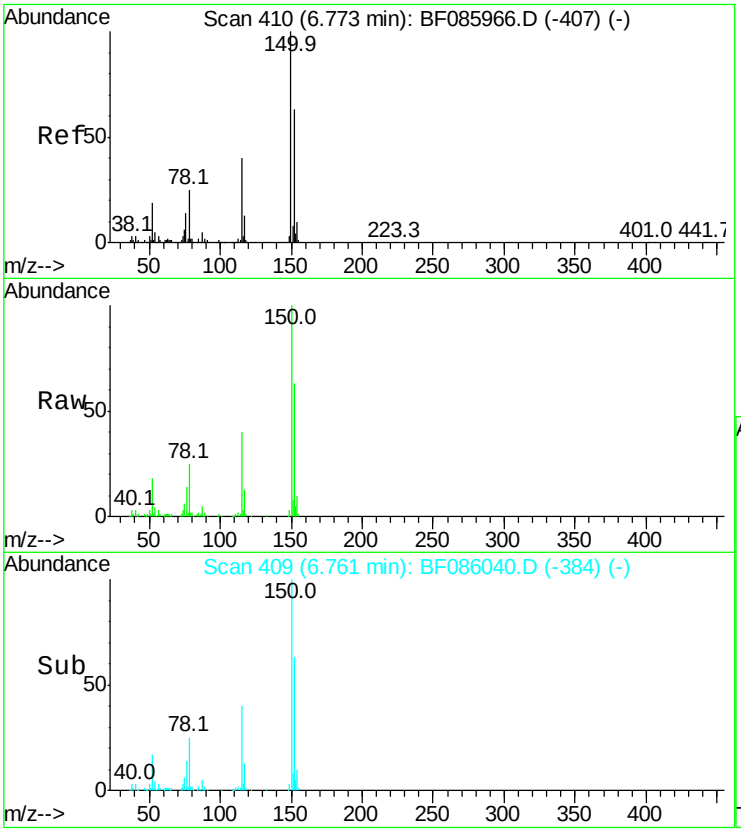


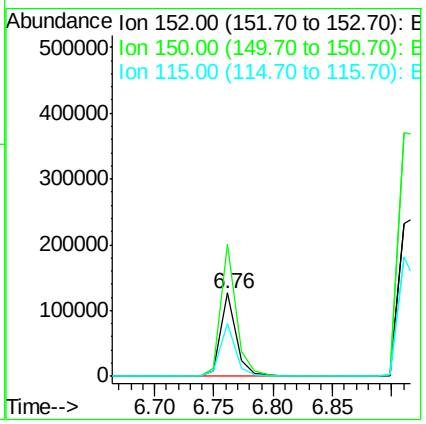


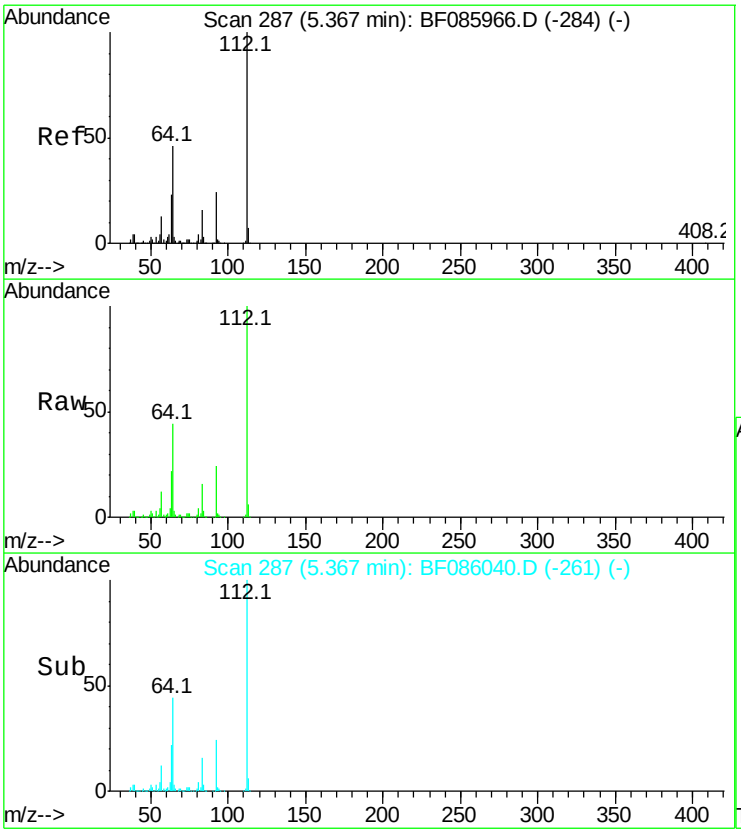
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB89461BL

Tgt Ion:152 Resp: 114879

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.2	186.2
115	63.1	47.0	70.6

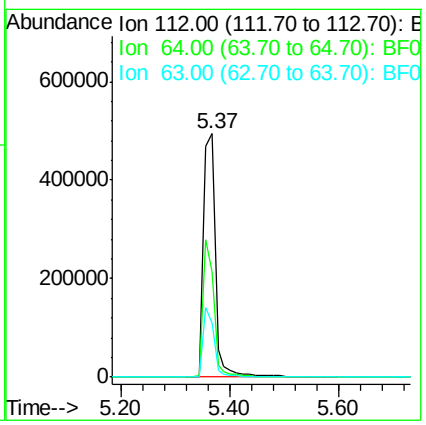


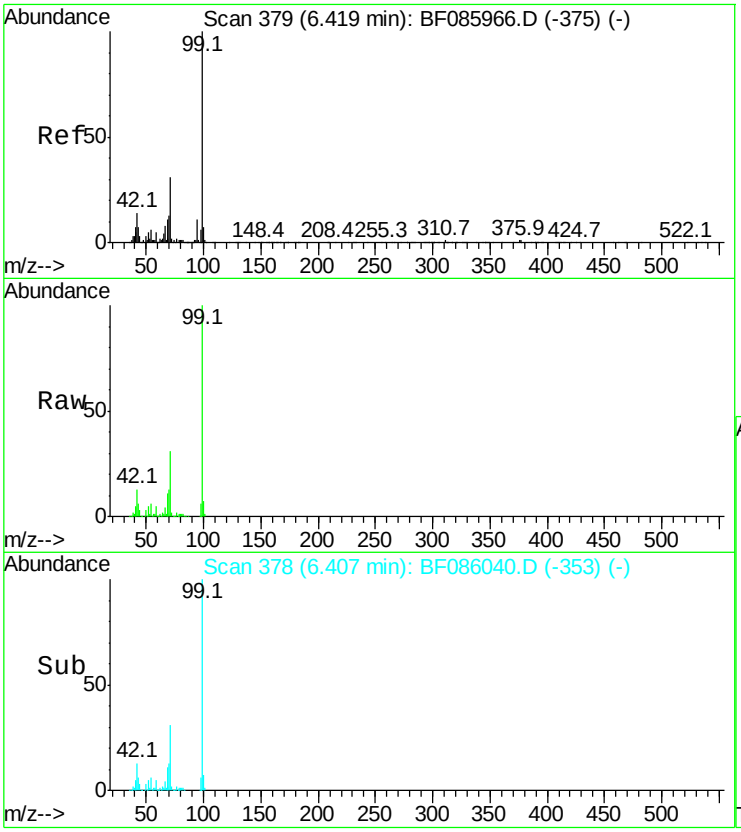


#5
2-Fluorophenol
Concen: 112.47 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion:112 Resp: 755882

Ion	Ratio	Lower	Upper
112	100		
64	43.5	39.9	59.9
63	22.3	20.2	30.2



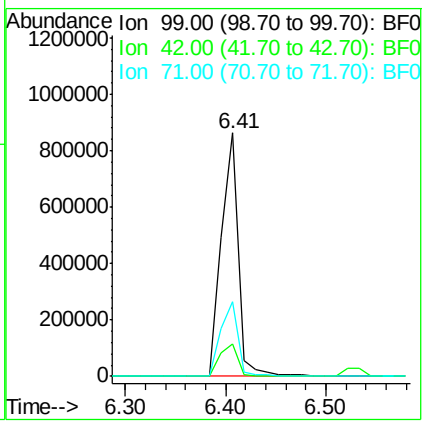


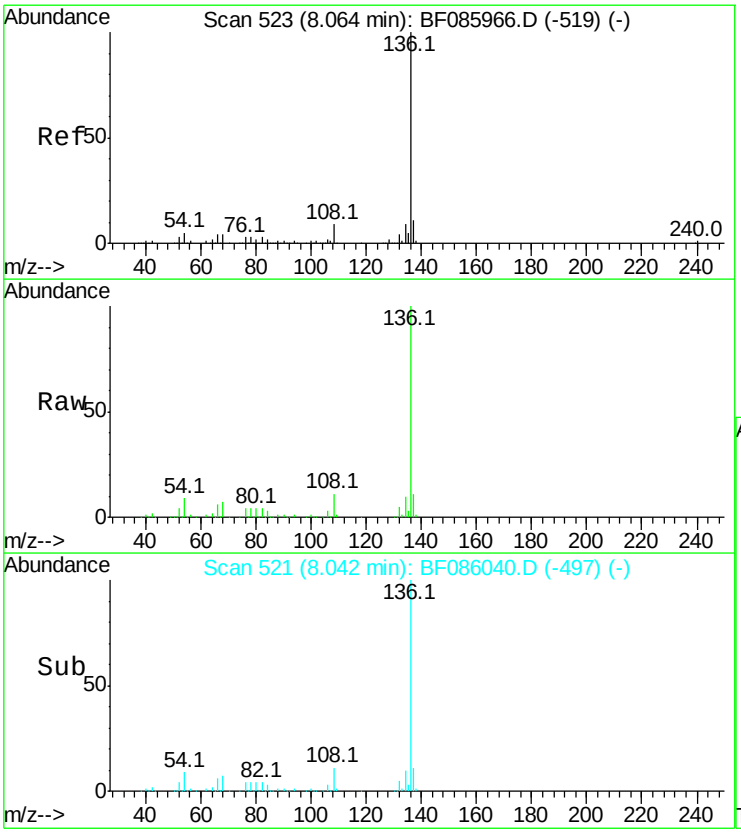
#7
Phenol-d6
Concen: 118.32 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB89461BL

Tgt Ion: 99 Resp: 1010073

Ion	Ratio	Lower	Upper
99	100		
42	13.1	11.1	16.7
71	30.8	24.9	37.3

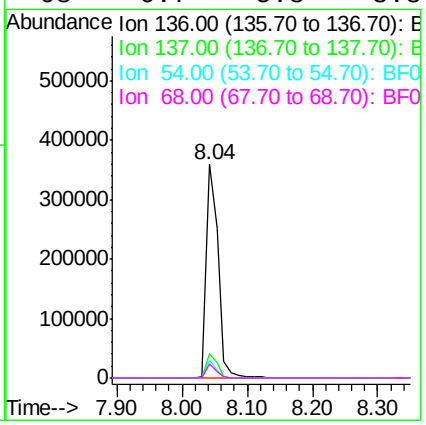


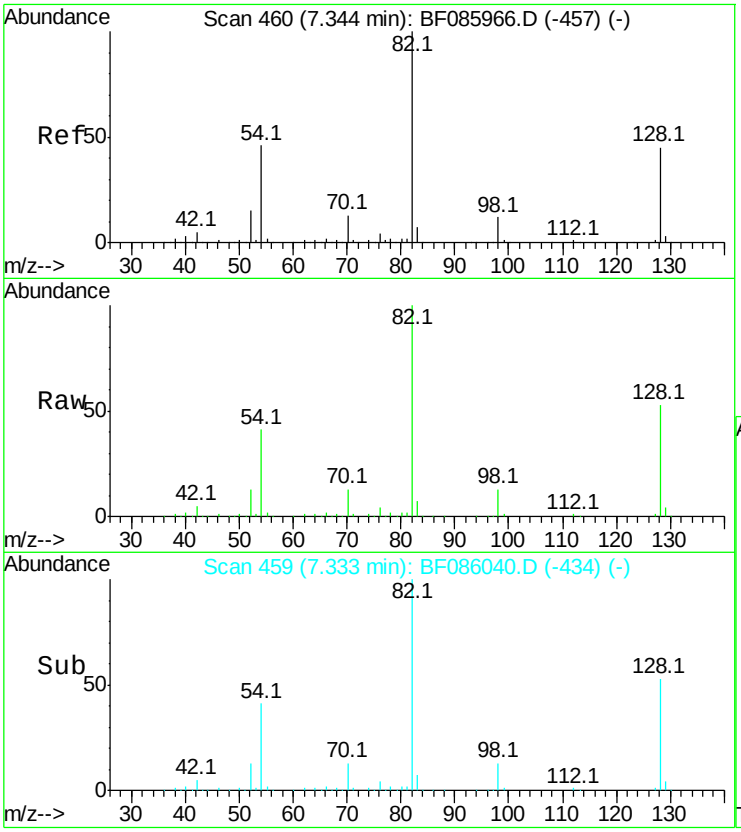


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion:136 Resp: 457106

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.6	7.4	11.0
68	6.7	5.8	8.8



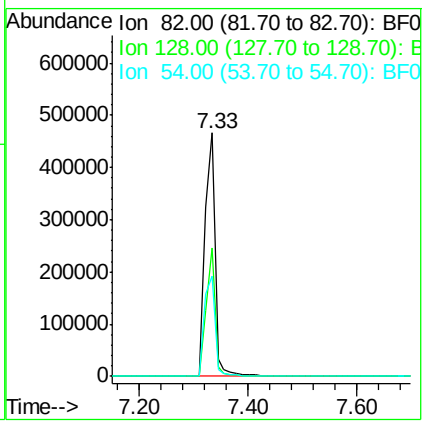


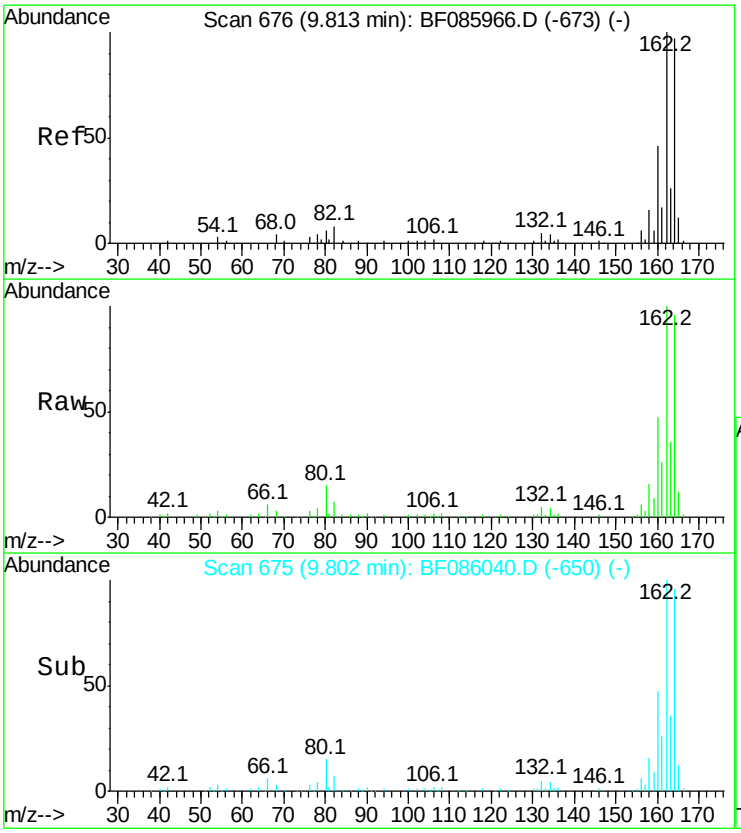
#23
Nitrobenzene-d5
Concen: 77.17 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB89461BL

Tgt Ion: 82 Resp: 598188

Ion	Ratio	Lower	Upper
82	100		
128	52.7	41.8	62.8
54	41.2	33.4	50.0

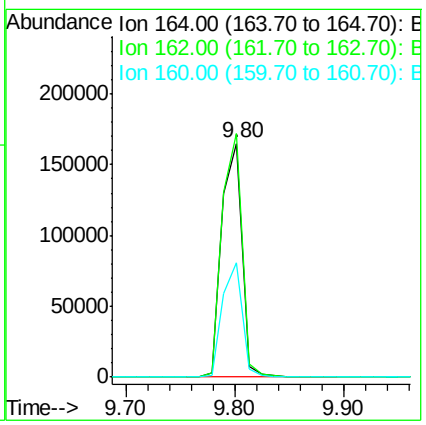


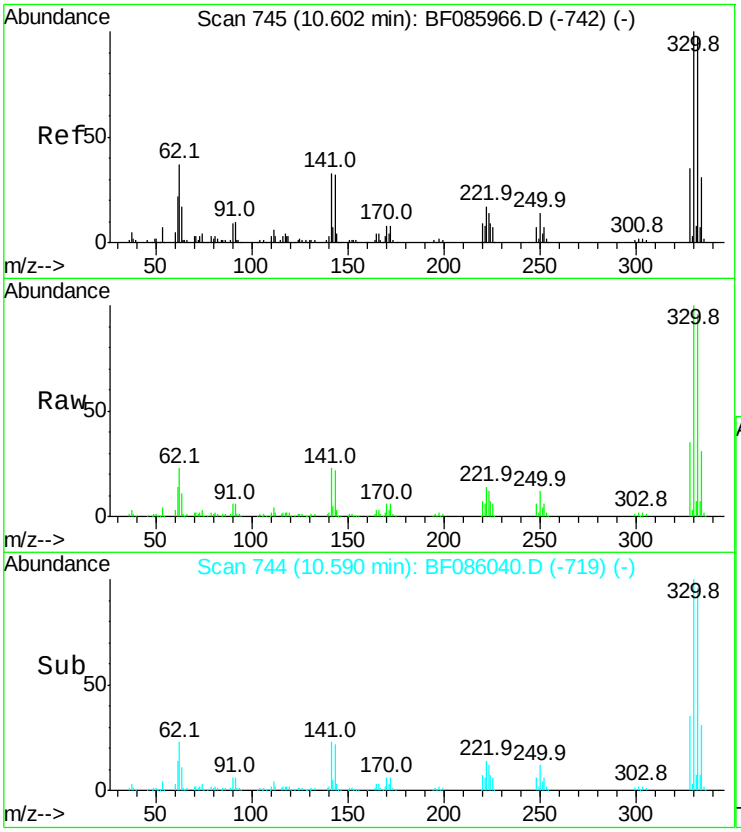


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion:164 Resp: 211815

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.1	123.1
160	49.1	37.4	56.2



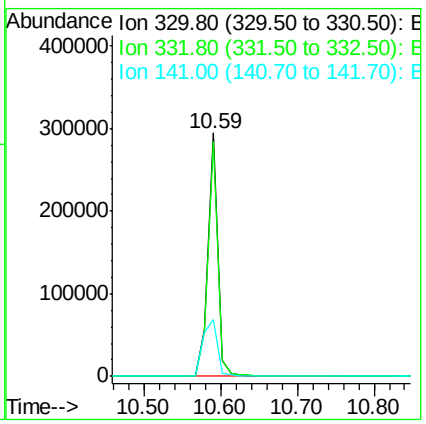


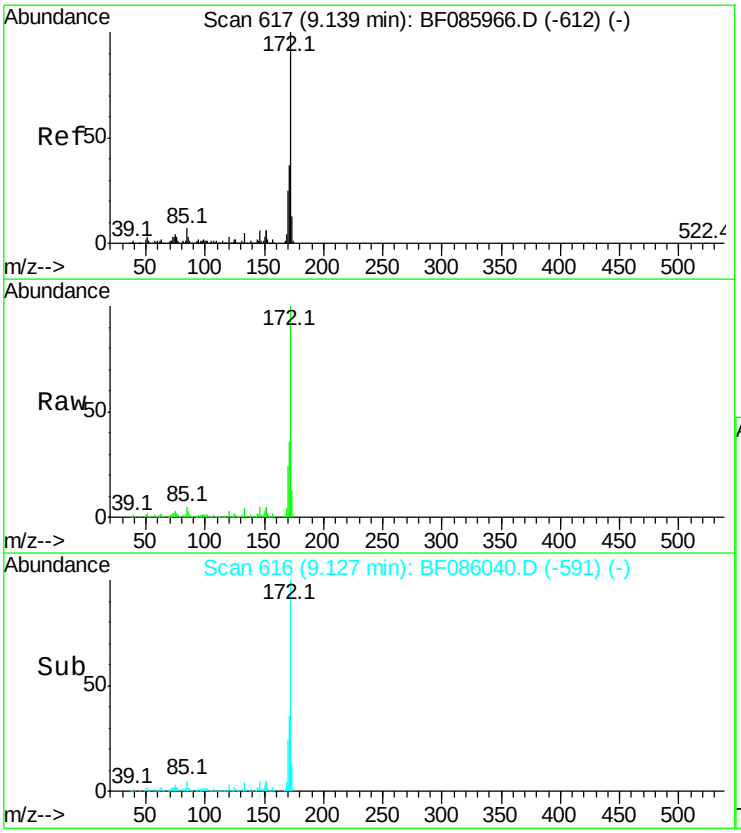
#41
2,4,6-Tribromophenol
Concen: 131.77 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB89461BL

Tgt Ion:330 Resp: 261975

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	34.2	31.5	47.3

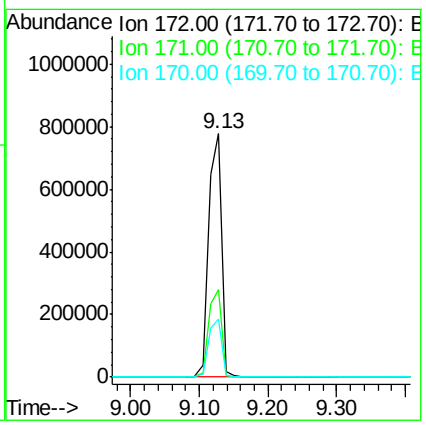


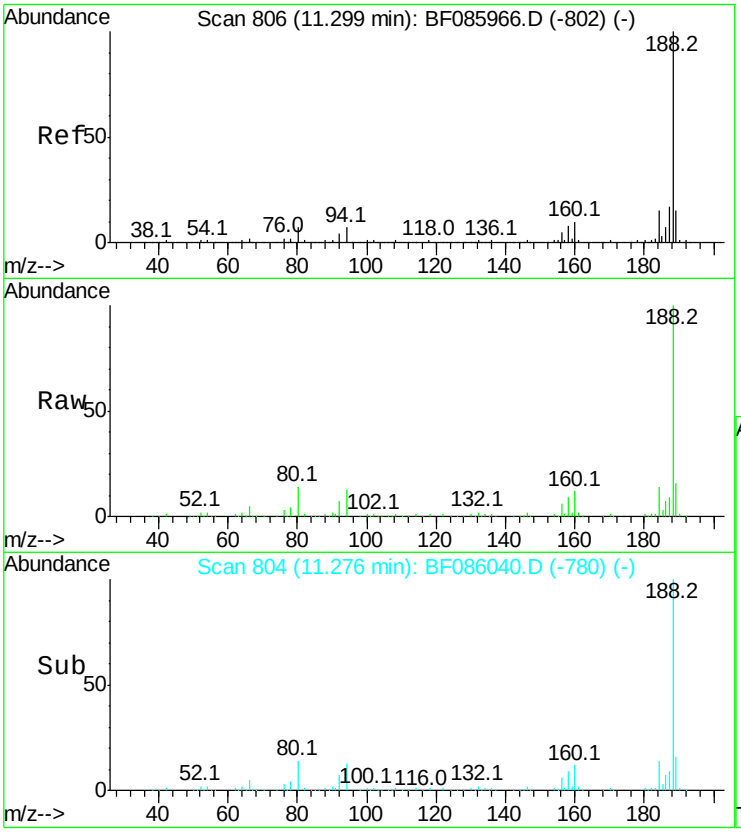


#44
2-Fluorobiphenyl
Concen: 80.86 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion:172 Resp: 1030157

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.2
170	23.9	19.8	29.6



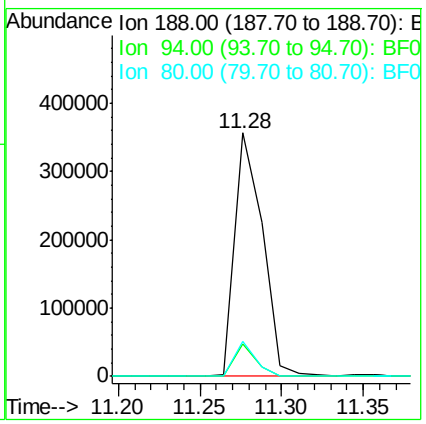


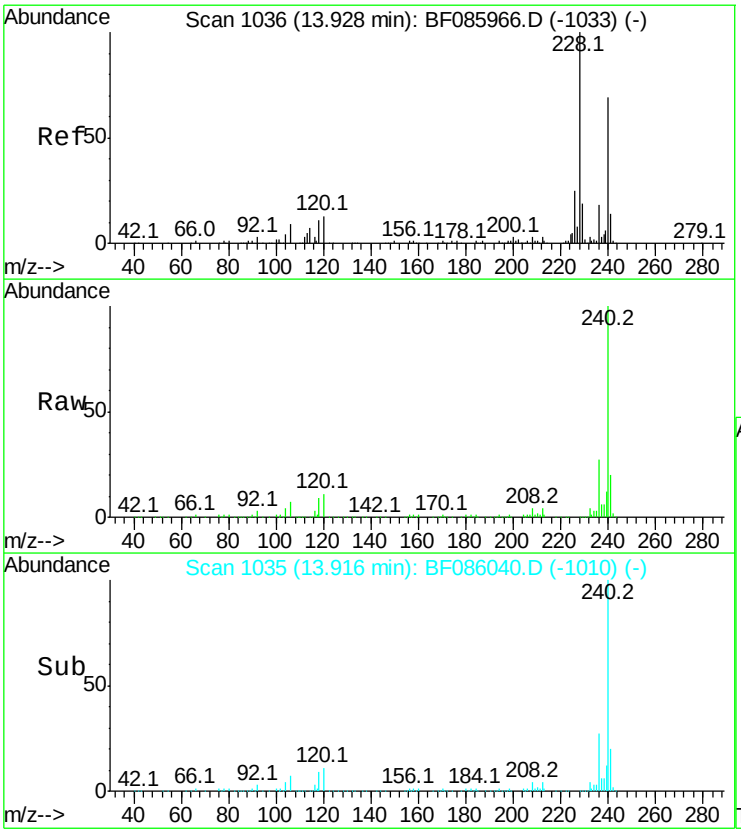
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB89461BL

Tgt Ion:188 Resp: 417570

Ion	Ratio	Lower	Upper
188	100		
94	13.1	5.4	8.0#
80	14.4	5.5	8.3#

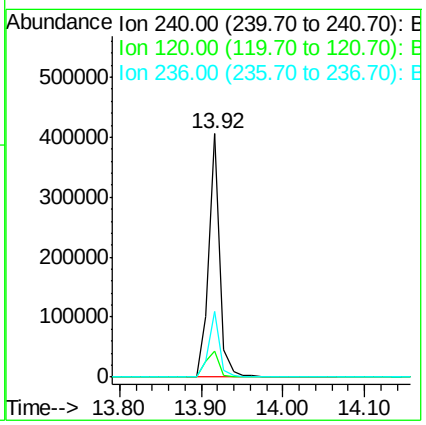


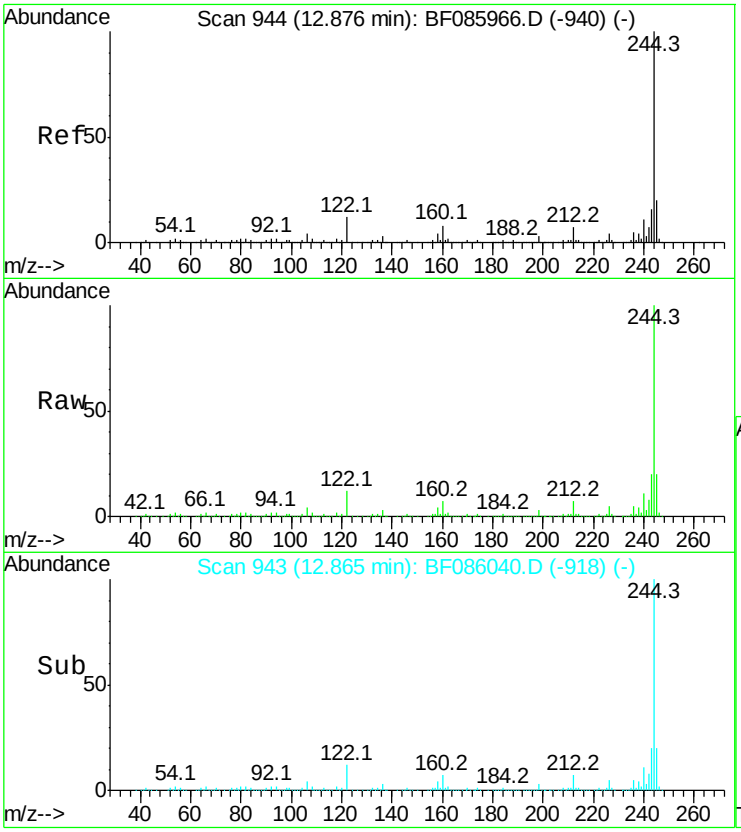


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion:240 Resp: 392315

Ion	Ratio	Lower	Upper
240	100		
120	10.6	13.8	20.8#
236	26.7	20.6	30.8



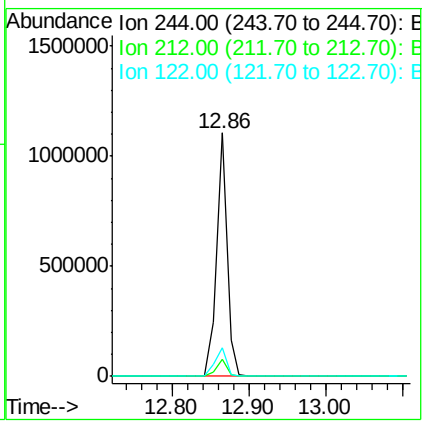


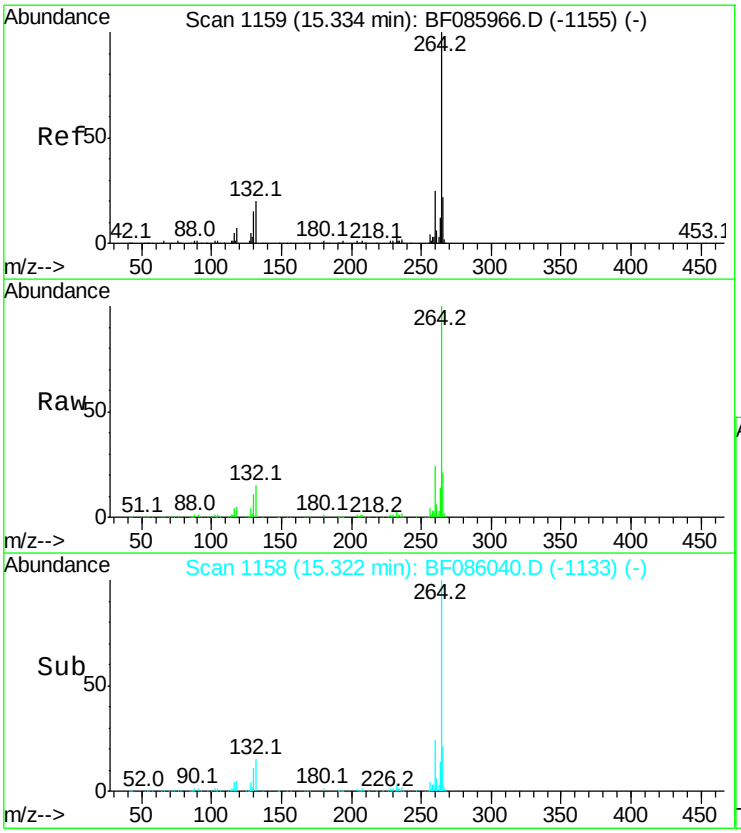
#78
Terphenyl-d14
Concen: 62.88 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB89461BL

Tgt Ion:244 Resp: 1049483

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.9	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: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion:264 Resp: 336071

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.1	17.2	25.8