Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086168.D
Acq On : 8 Apr 2016 15:11
Operator : UM/SJ
Sample : H2166-04RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-OFL4-AND-L5RE

Quant Time: Apr 08 23:58:01 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	6.73	152	132010	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	540106	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	169064	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	447249	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	201758	20.00	ng	-0.05
86) Perylene-d12	15.28	264	4719	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	988329	127.97	ng	-0.02
7) Phenol-d6	6.38	99	949623	96.80	ng	-0.03
23) Nitrobenzene-d5	7.30	82	867202	94.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	351667	221.62	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1571736	154.58	ng	-0.05
78) Terphenyl-d14	12.83	244	1207527	140.69	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.03	128	468280	17.24	ng	98
37) 2-Methylnaphthalene	8.73	142	54880	3.09	ng	98

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

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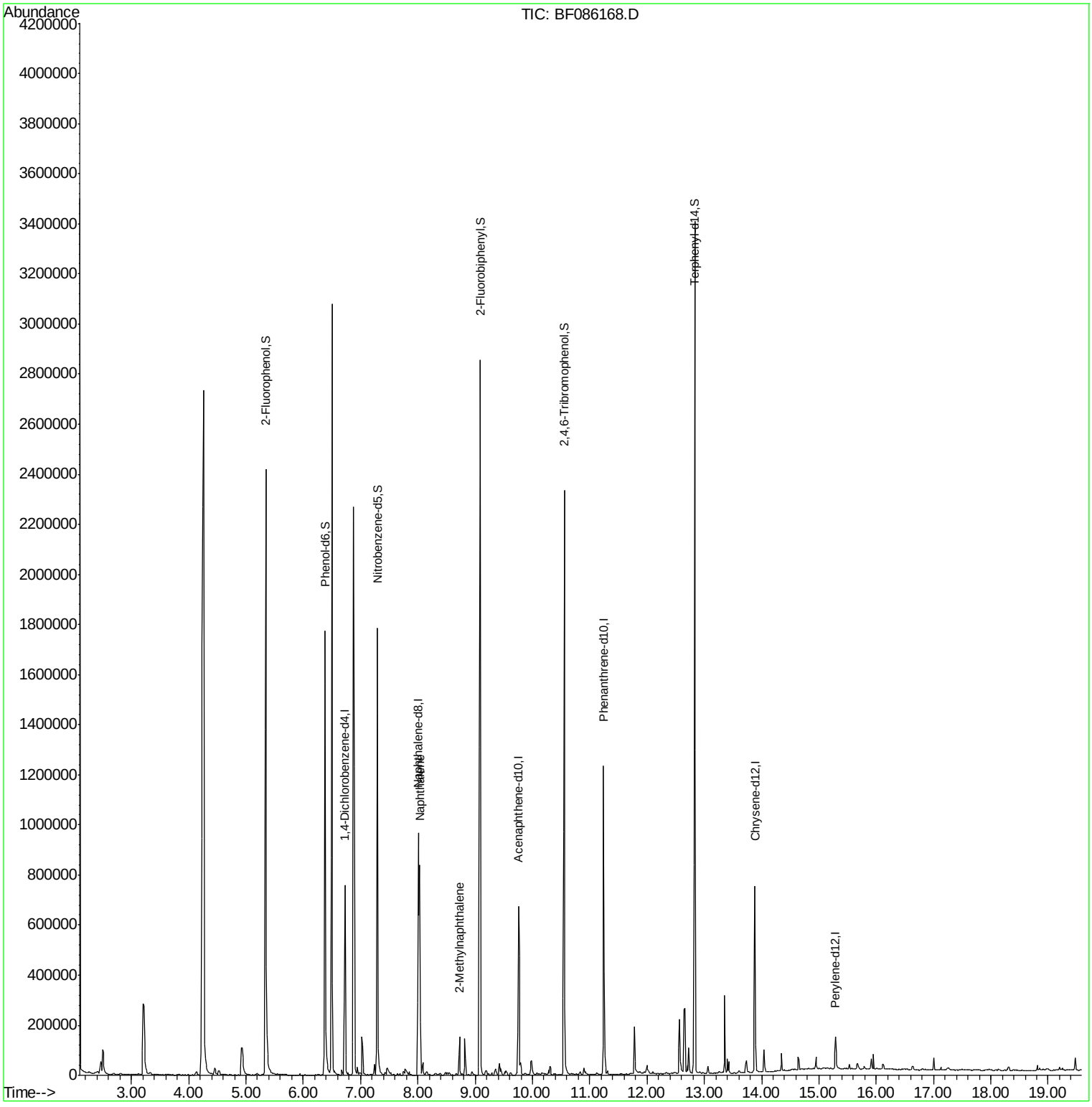
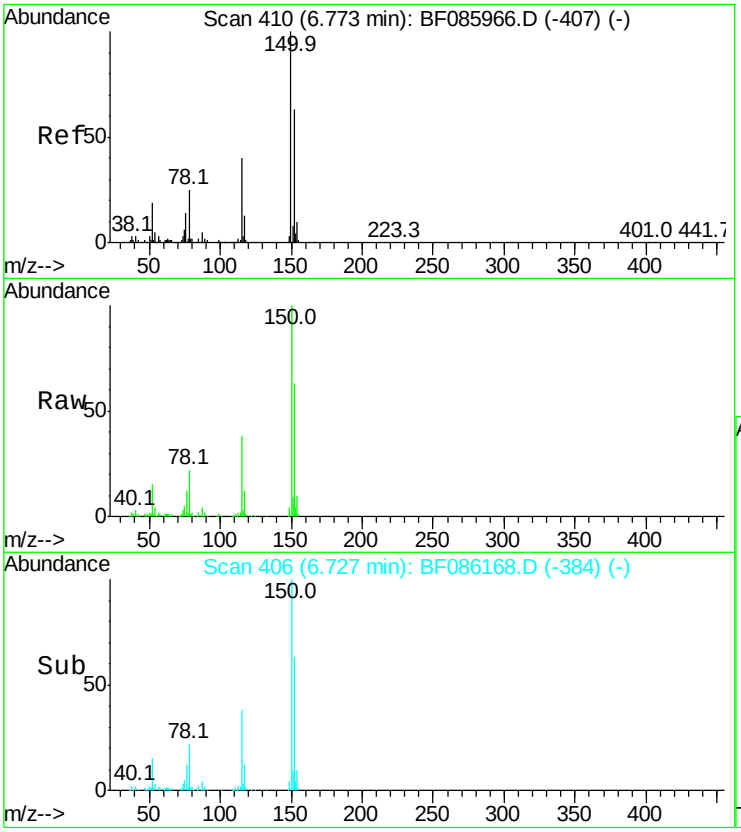


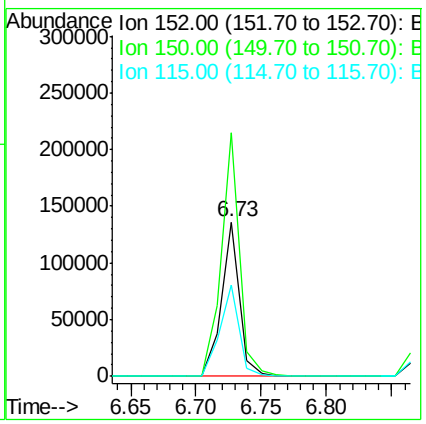


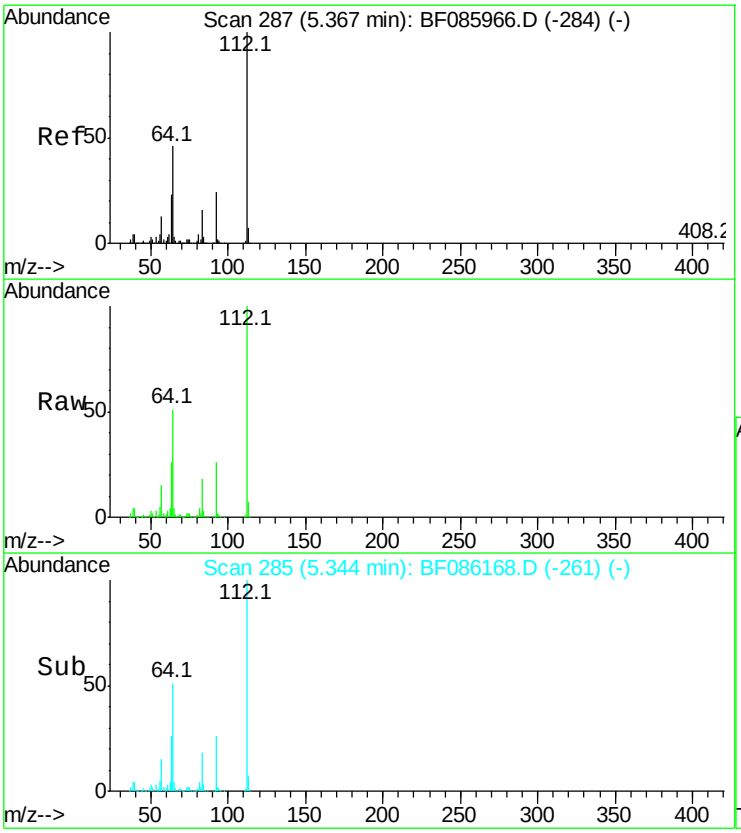
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5RE

Tgt Ion:152 Resp: 132010

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	59.6	47.0	70.6

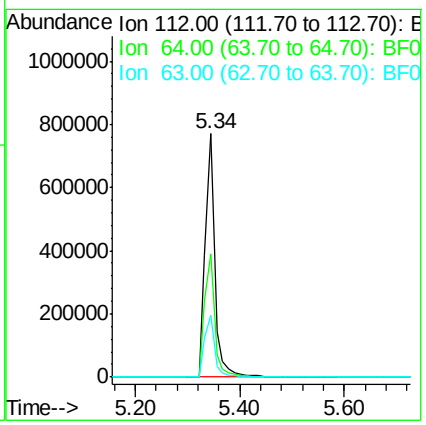


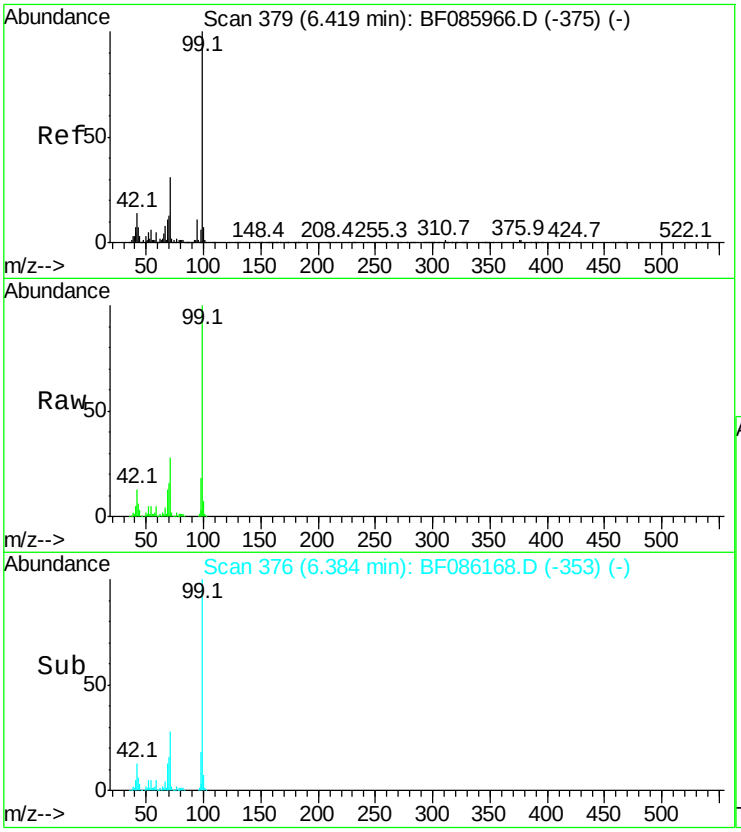


#5
2-Fluorophenol
Concen: 127.97 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Tgt Ion:112 Resp: 988329

Ion	Ratio	Lower	Upper
112	100		
64	50.6	39.9	59.9
63	25.5	20.2	30.2



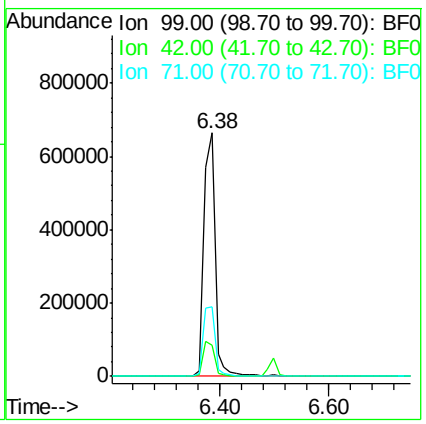


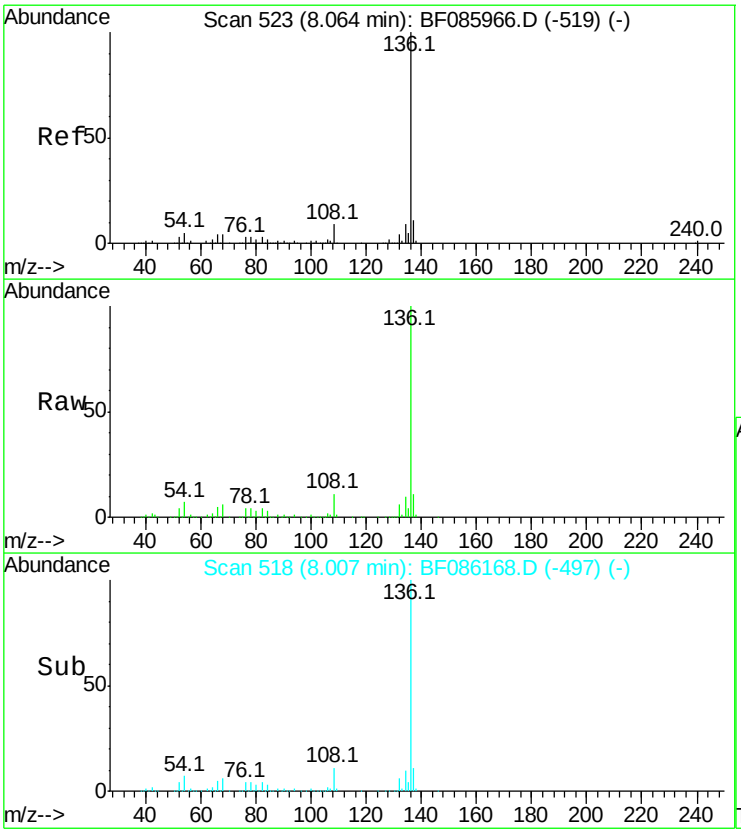
#7
Phenol-d6
Concen: 96.80 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5RE

Tgt Ion: 99 Resp: 949623

Ion	Ratio	Lower	Upper
99	100		
42	12.6	11.1	16.7
71	28.3	24.9	37.3

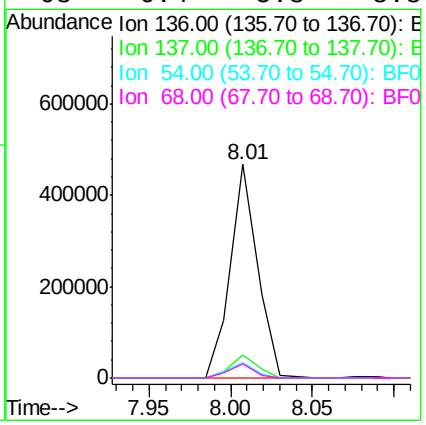


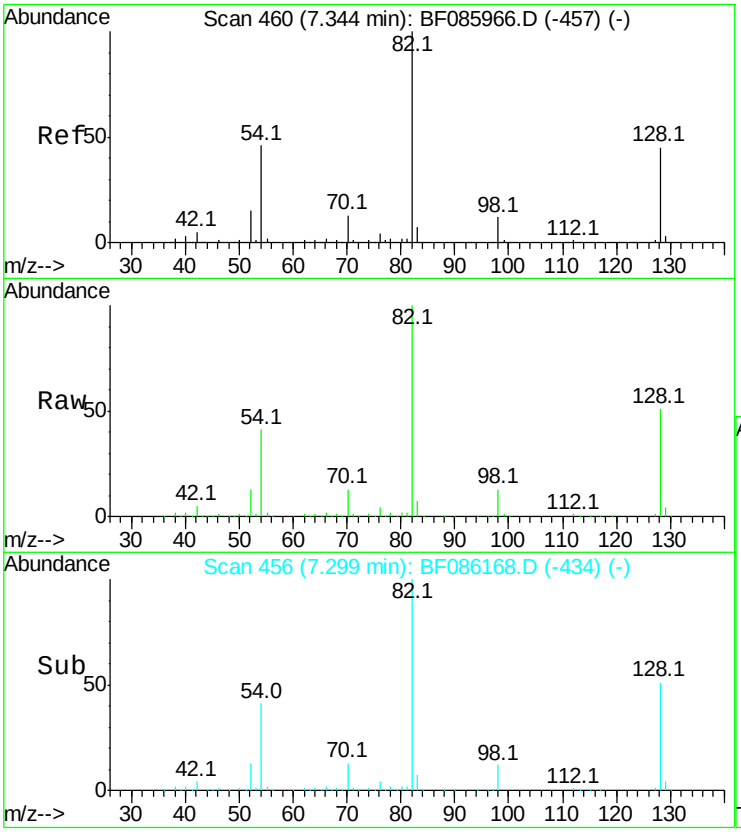


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Tgt Ion:136 Resp: 540106

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.5	7.4	11.0
68	6.4	5.8	8.8



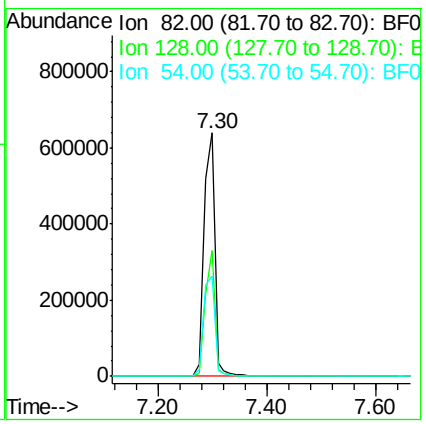


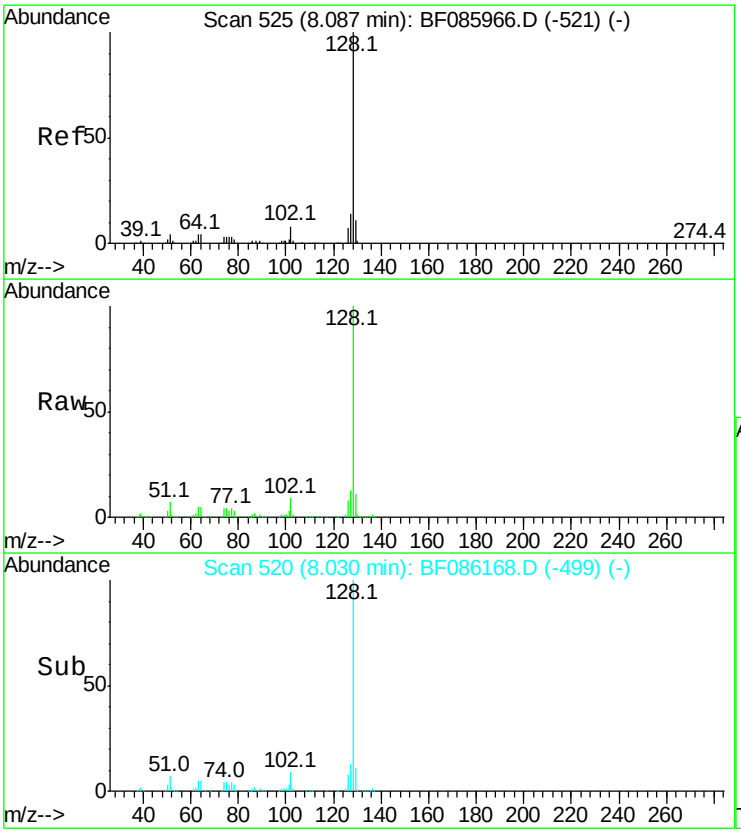
#23
Nitrobenzene-d5
Concen: 94.69 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5RE

Tgt Ion: 82 Resp: 867202

Ion	Ratio	Lower	Upper
82	100		
128	51.5	41.8	62.8
54	41.3	33.4	50.0

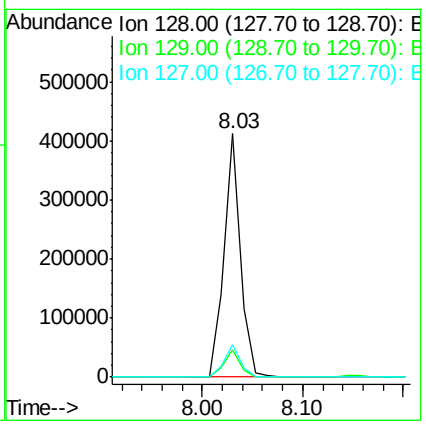


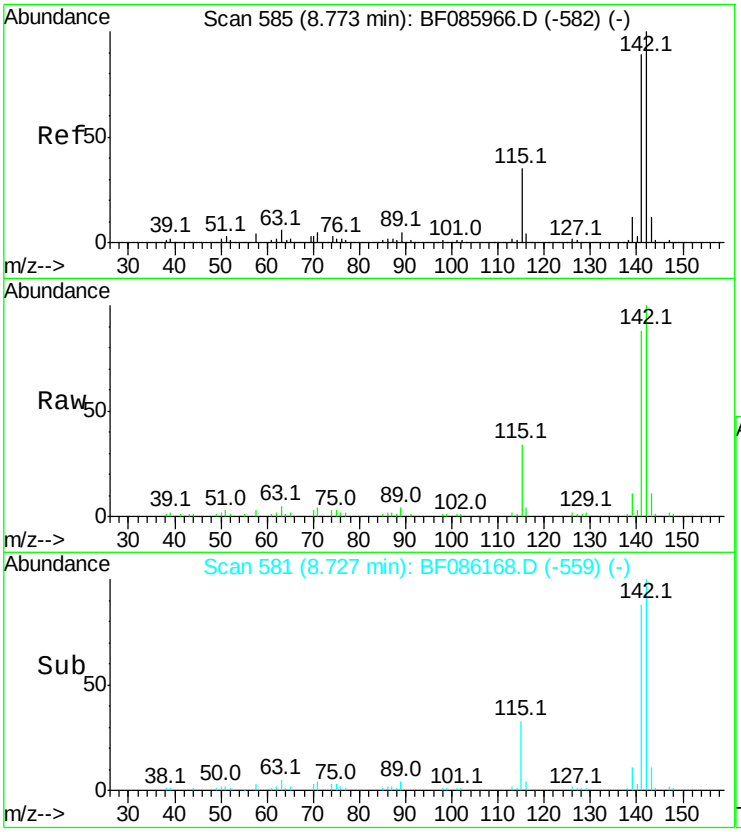


#31
Naphthalene
Concen: 17.24 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Tgt Ion:128 Resp: 468280

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.2	11.0	16.6



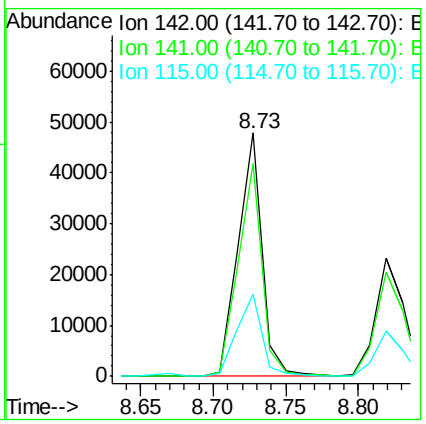


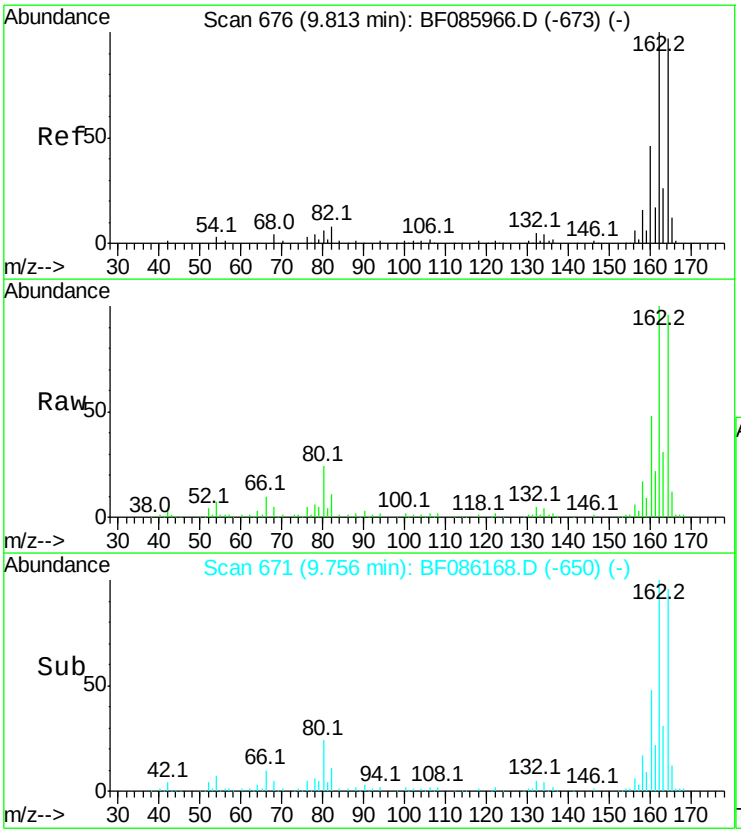
#37
2-Methylnaphthalene
Concen: 3.09 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.05 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5RE

Tgt Ion:142 Resp: 54880

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.6	107.4
115	33.8	26.8	40.2

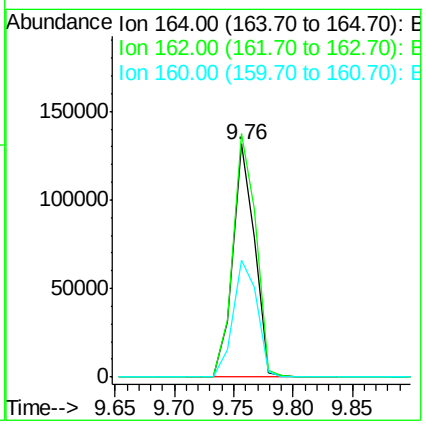


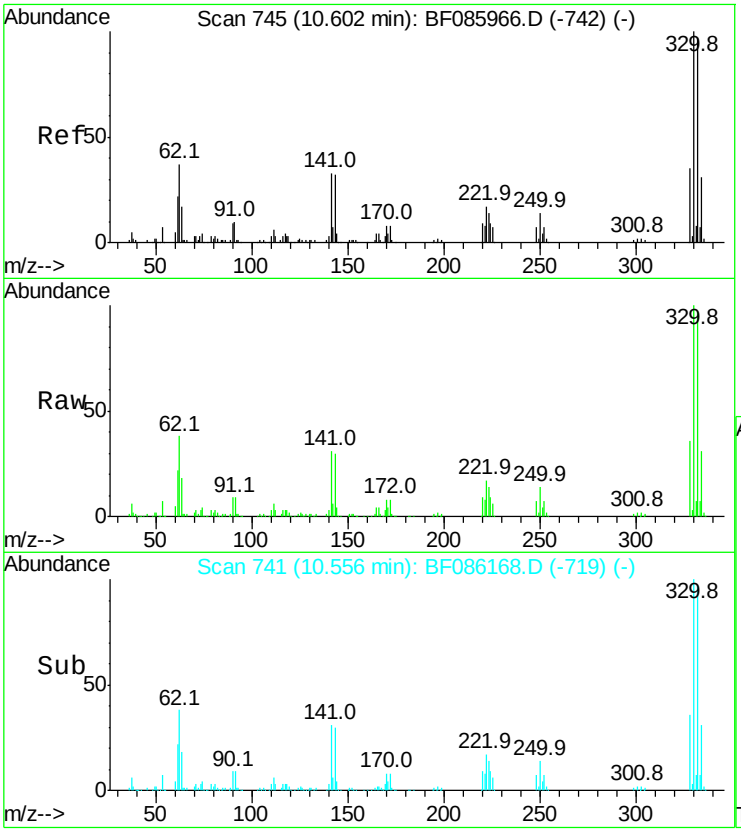


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Tgt Ion:164 Resp: 169064

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.1	123.1
160	50.1	37.4	56.2



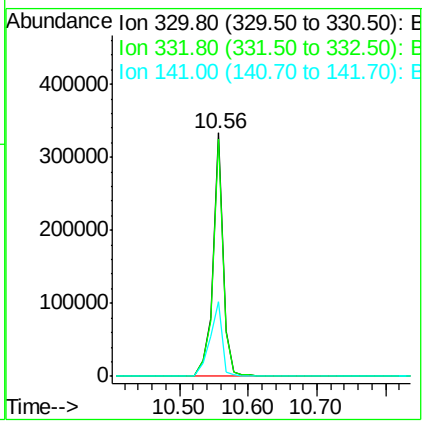


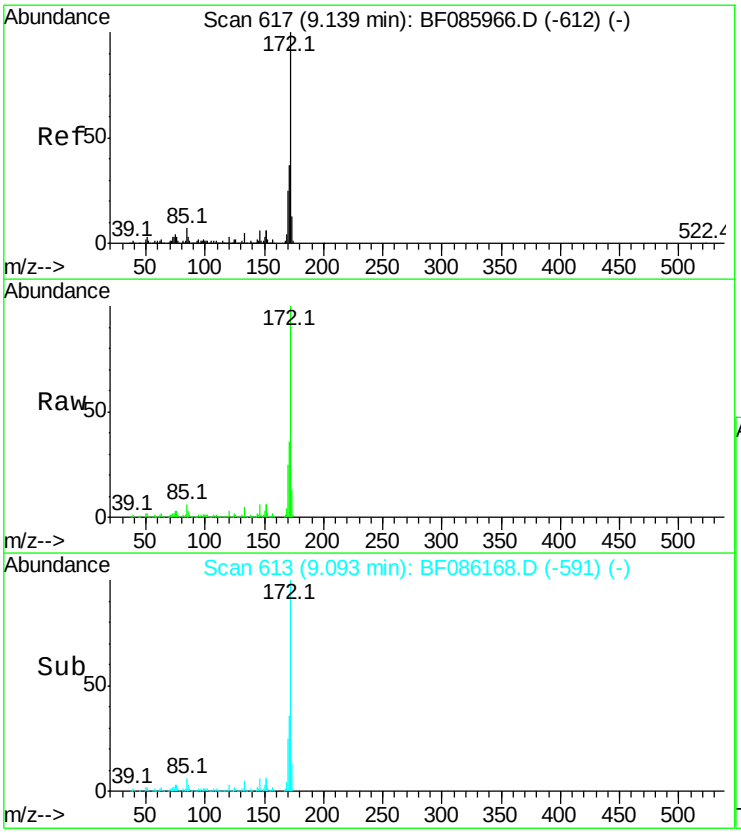
#41
2,4,6-Tribromophenol
Concen: 221.62 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5RE

Tgt Ion:330 Resp: 351667

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	36.9	31.5	47.3

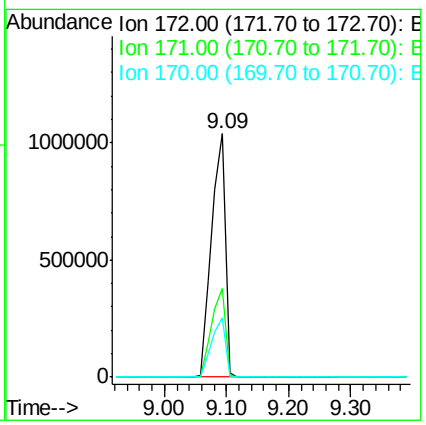


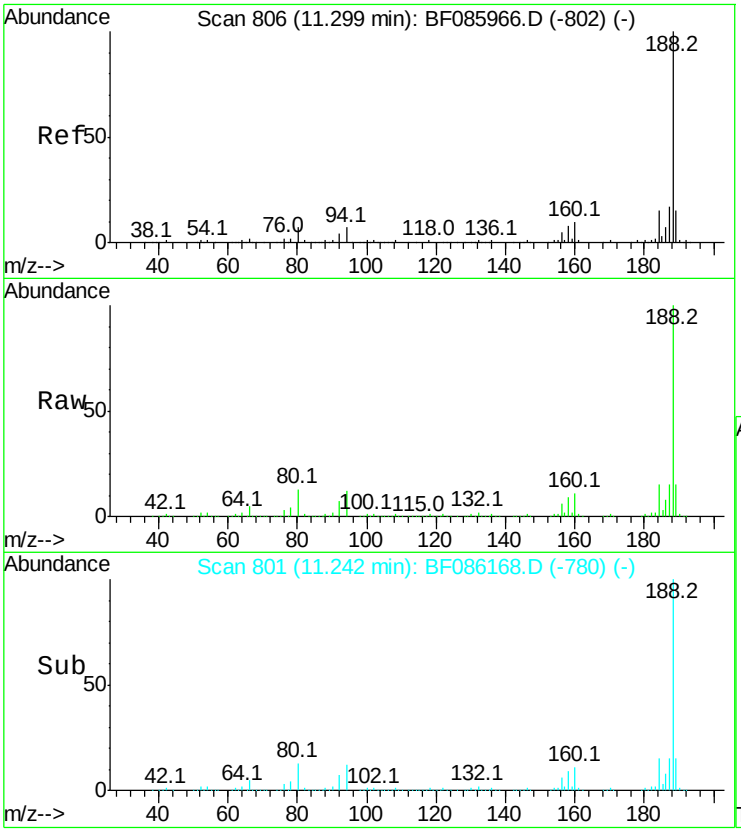


#44
2-Fluorobiphenyl
Concen: 154.58 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Tgt Ion:172 Resp: 1571736

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.5	19.8	29.6



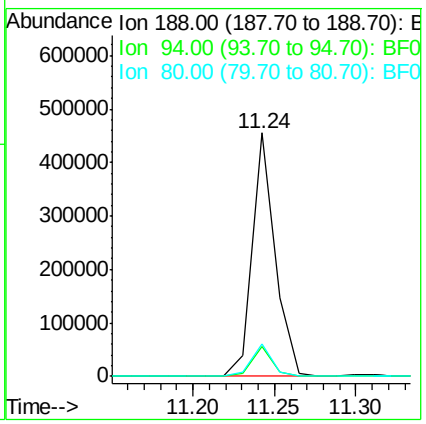


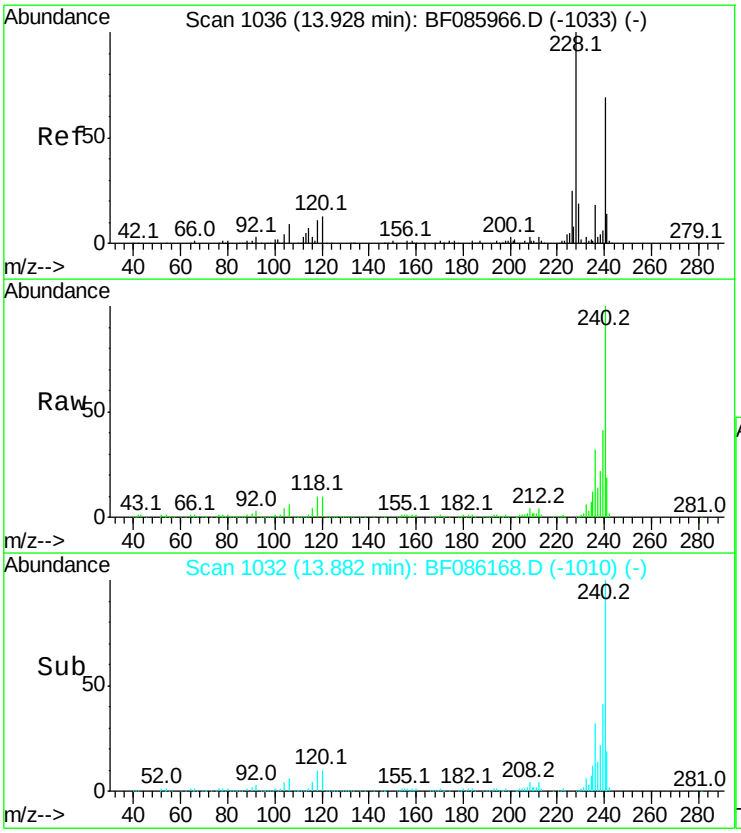
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5RE

Tgt Ion:188 Resp: 447249

Ion	Ratio	Lower	Upper
188	100		
94	12.1	5.4	8.0#
80	13.2	5.5	8.3#

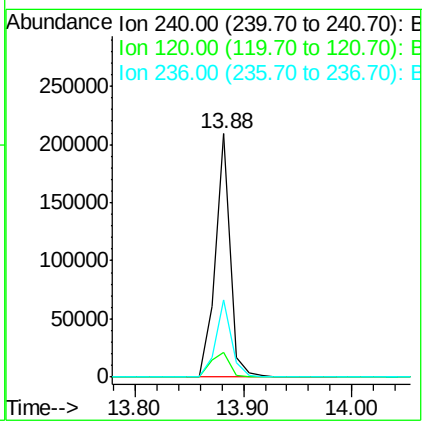


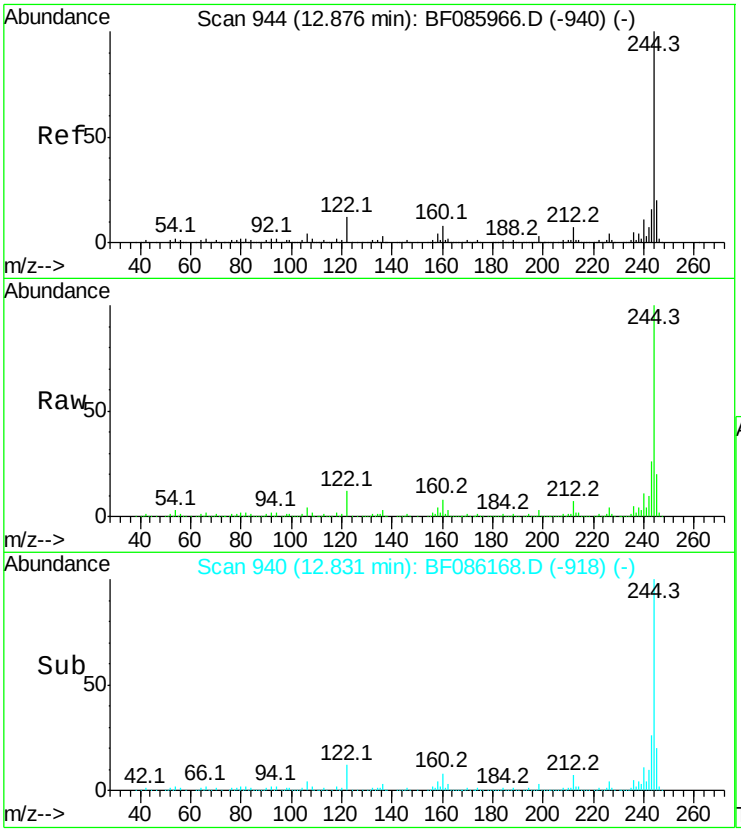


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Tgt Ion:240 Resp: 201758

Ion	Ratio	Lower	Upper
240	100		
120	9.9	13.8	20.8#
236	31.5	20.6	30.8#



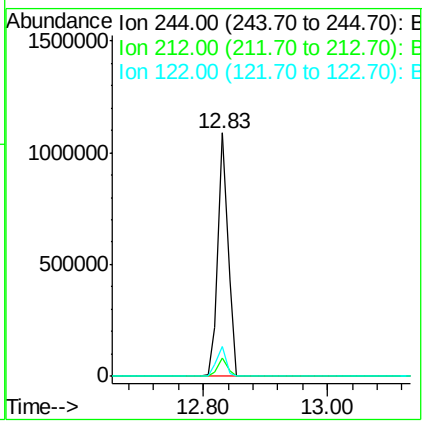


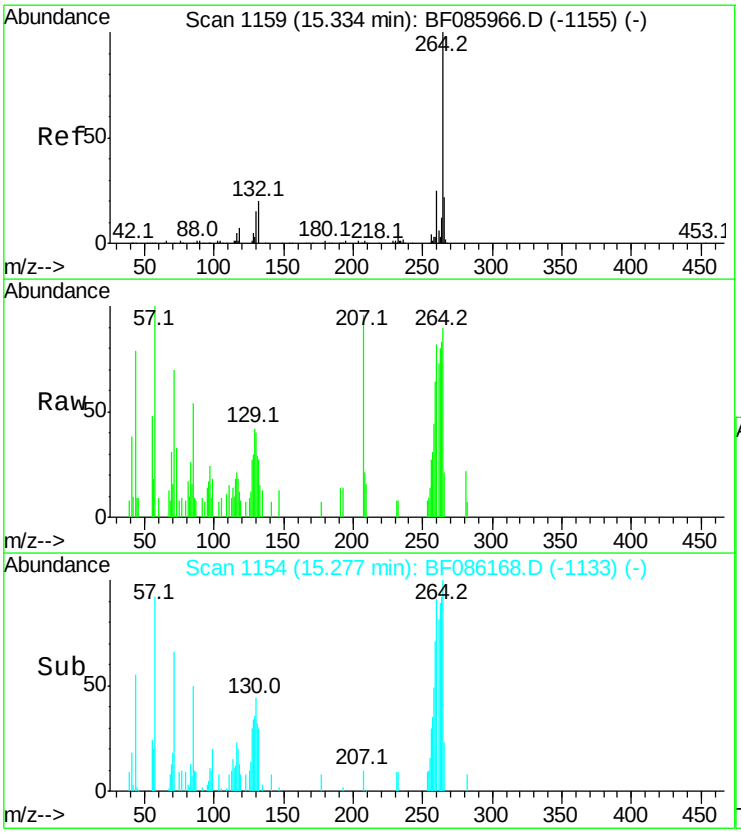
#78
Terphenyl-d14
Concen: 140.69 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5RE

Tgt Ion:244 Resp: 1207527

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.0	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Tgt Ion:264 Resp: 4719

Ion	Ratio	Lower	Upper
264	100		
260	90.7	19.4	29.2#
265	23.0	17.2	25.8