Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086765.D
Acq On : 7 May 2016 10:56
Operator : UM/SJ
Sample : H2831-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Time: May 07 23:32:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	188571	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	728565	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	334580	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	565011	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	401304	40.00	ng	-0.03
86) Perylene-d12	15.22	264	314230	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	767733	67.40	ng	-0.02
7) Phenol-d6	6.36	99	678491	44.22	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1297282	91.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	507947	155.19	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2033357	99.62	ng	-0.03
78) Terphenyl-d14	12.81	244	1582693	79.71	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	83451	3.35	ng	100
59) Diethylphthalate	10.17	149	73903	3.13	ng	96

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

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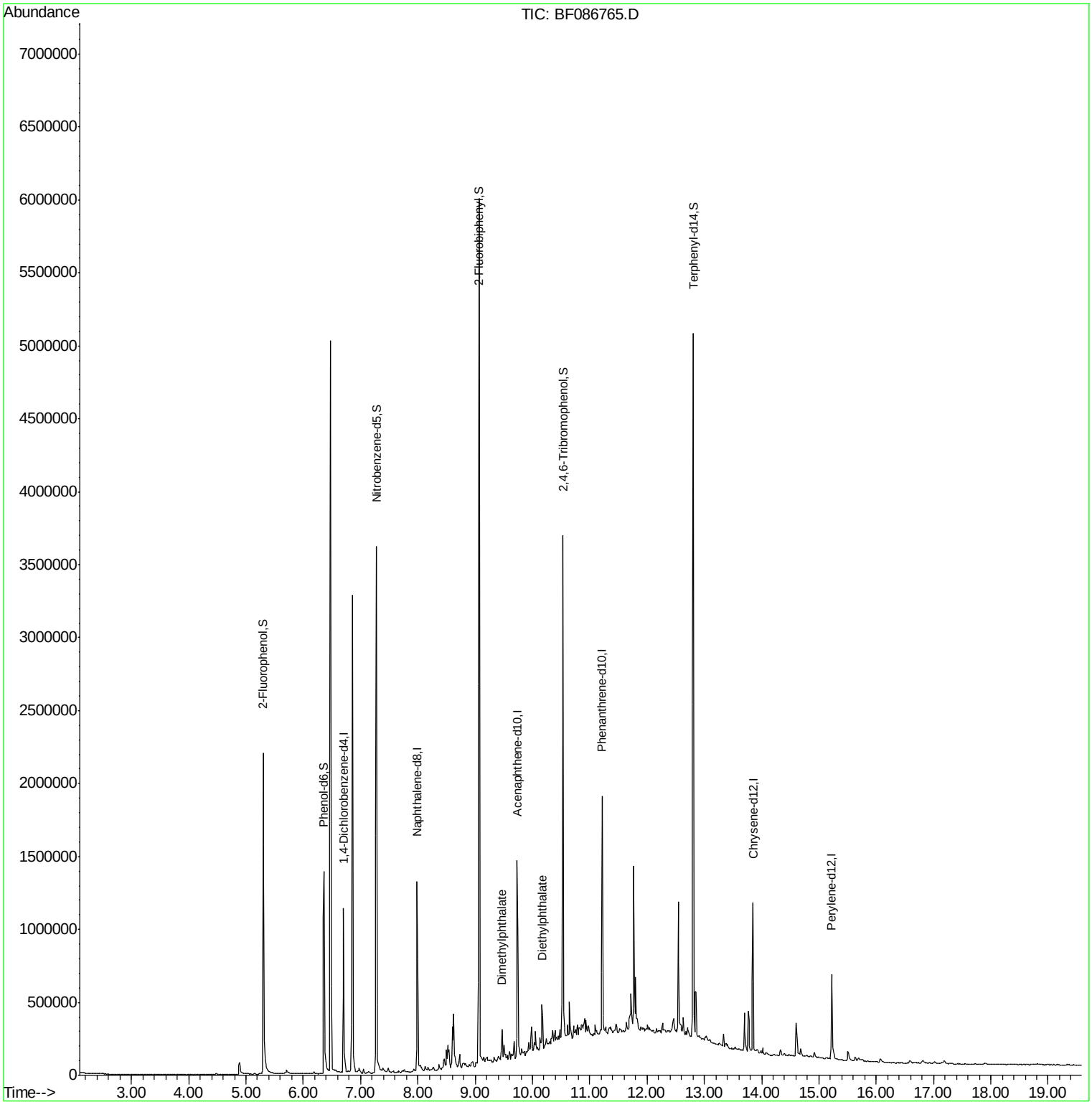
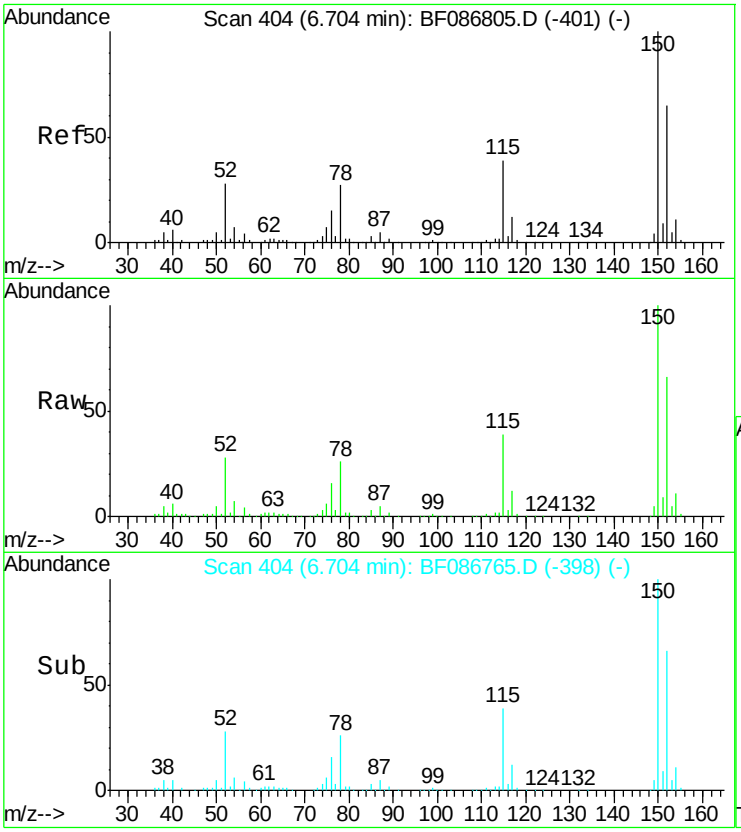


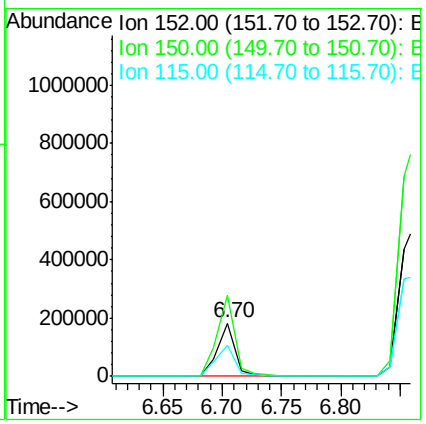


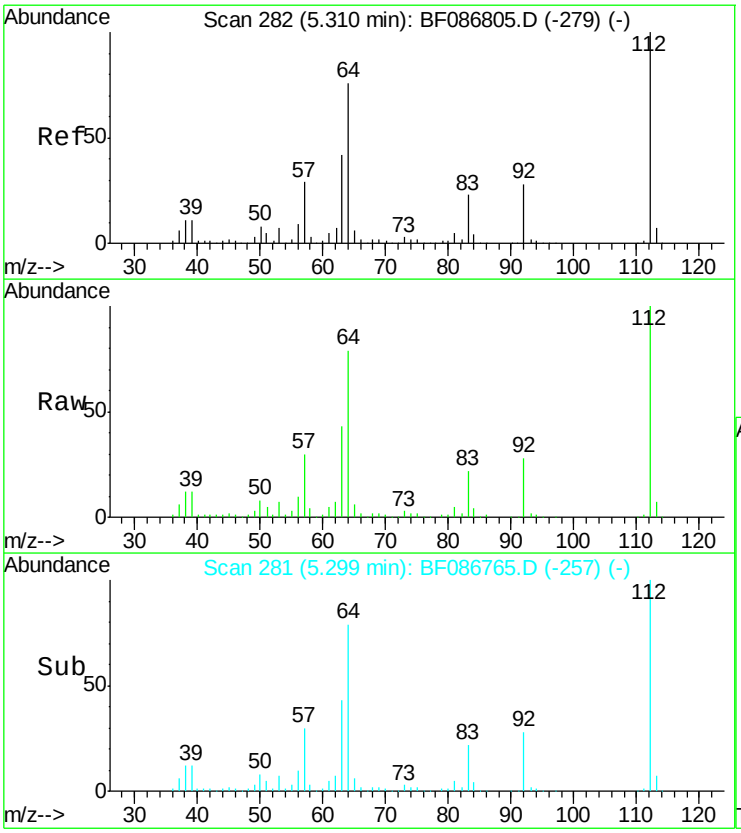
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 188571

Ion	Ratio	Lower	Upper
152	100		
150	151.7	125.8	188.6
115	59.6	51.5	77.3

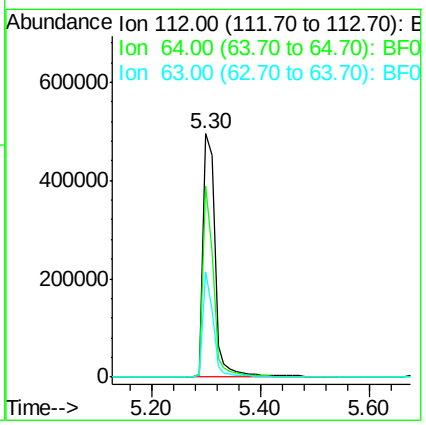


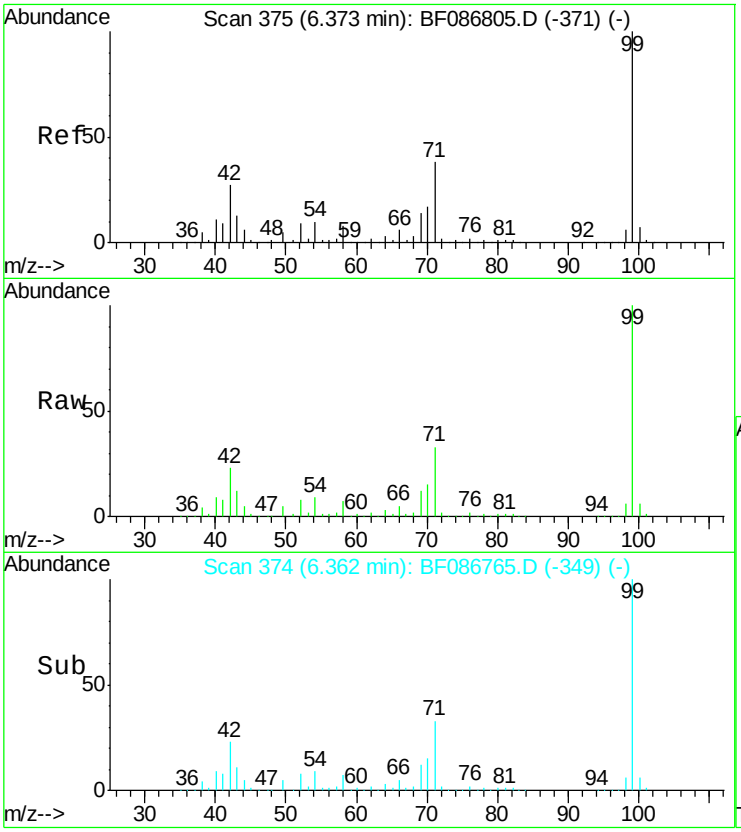


#5
2-Fluorophenol
Concen: 67.40 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion:112 Resp: 767733

Ion	Ratio	Lower	Upper
112	100		
64	78.7	52.1	78.1#
63	43.5	25.7	38.5#



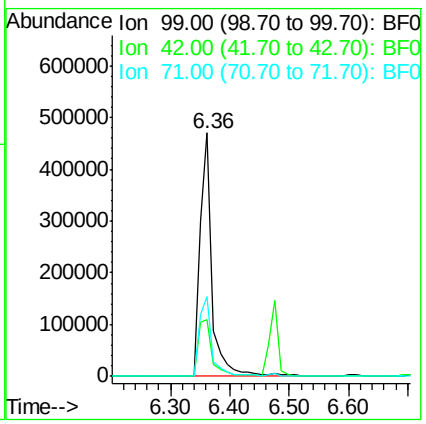


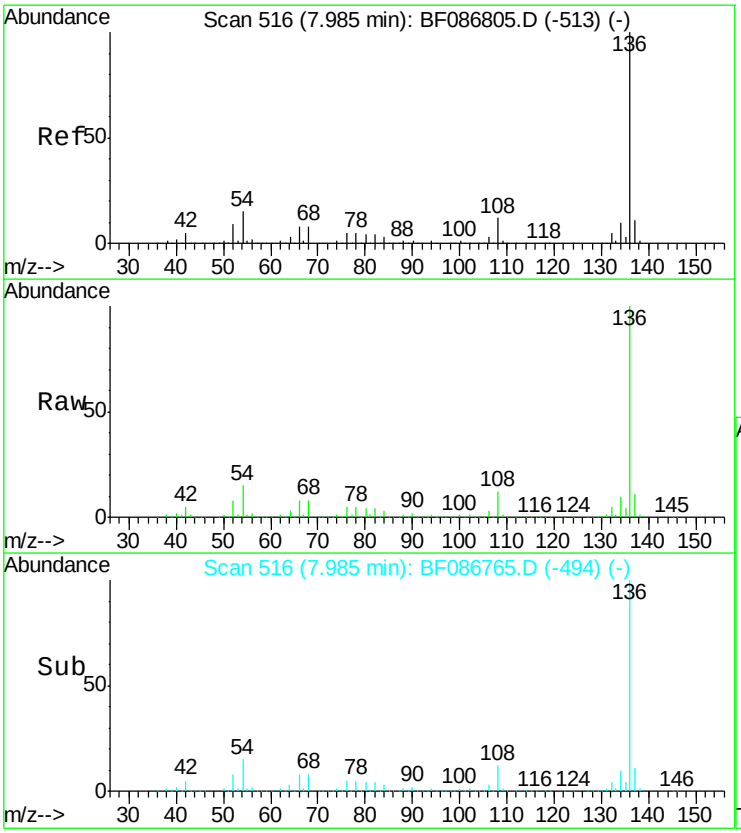
#7
Phenol-d6
Concen: 44.22 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 678491

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.6	20.4#
71	32.7	24.6	36.8

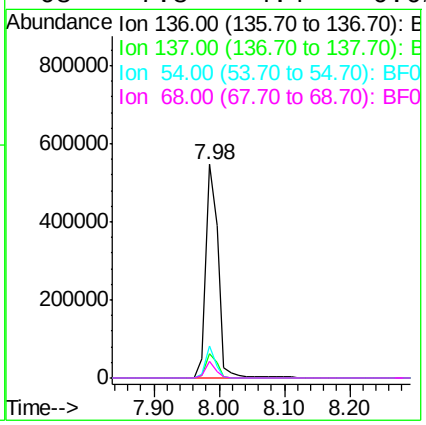


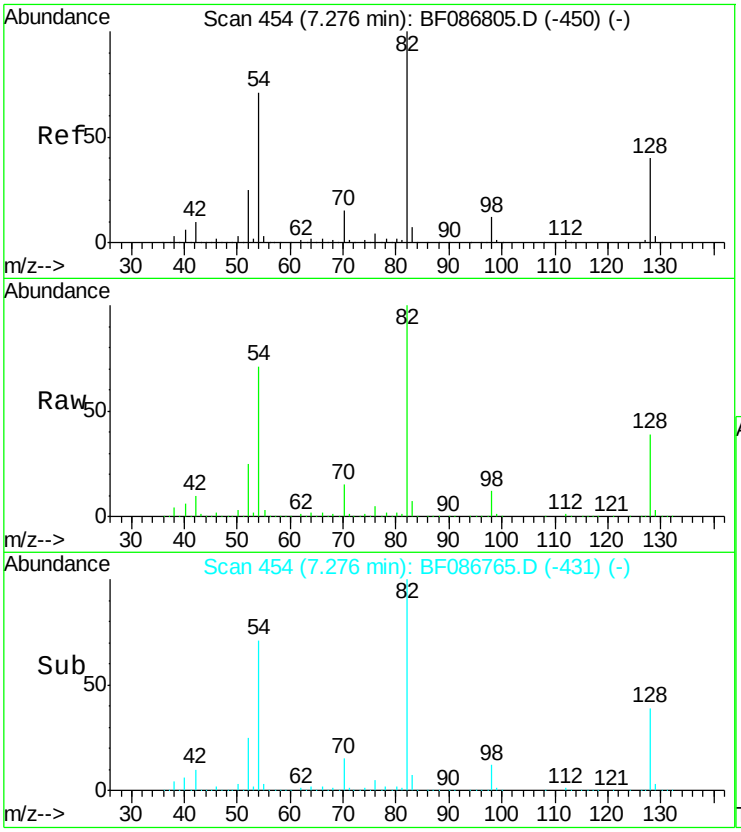


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion:136 Resp: 728565

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.9	5.0	7.4#
68	7.8	4.4	6.6#



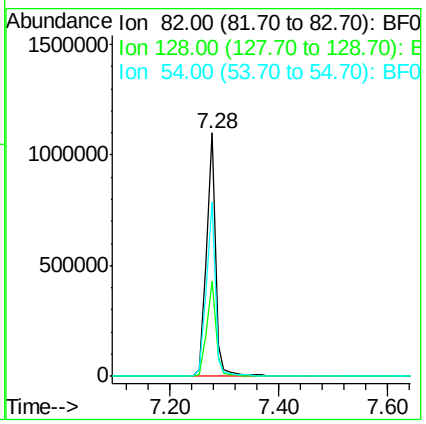


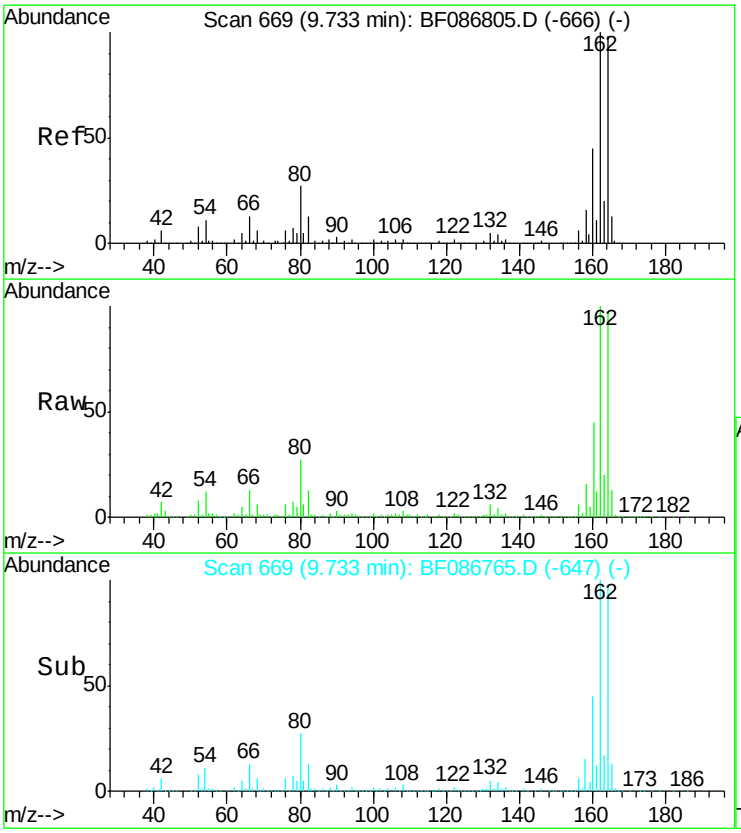
#23
Nitrobenzene-d5
Concen: 91.50 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 1297282

Ion	Ratio	Lower	Upper
82	100		
128	39.0	40.6	61.0#
54	71.5	38.1	57.1#

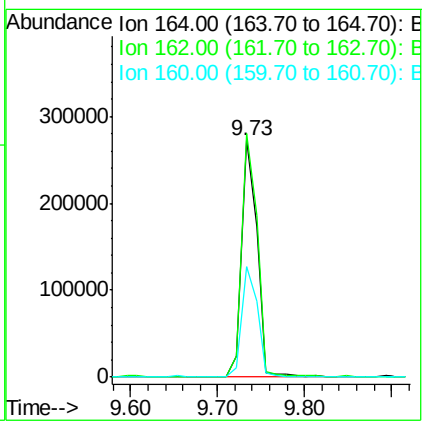


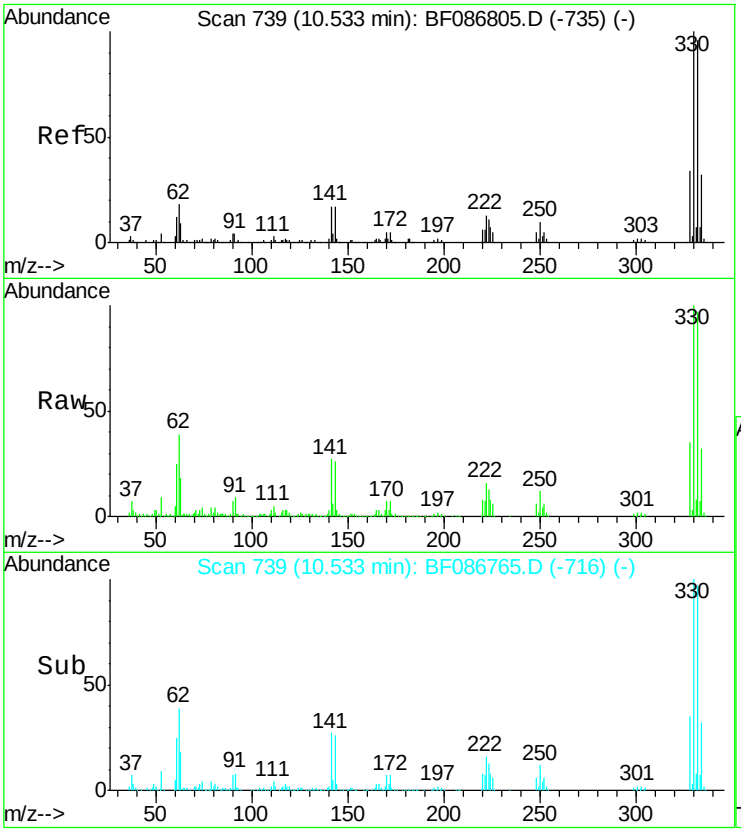


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion:164 Resp: 334580

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	46.7	36.9	55.3



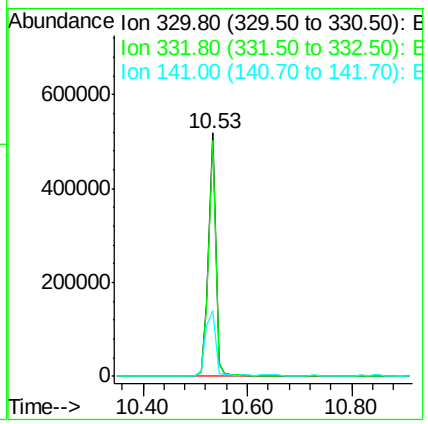


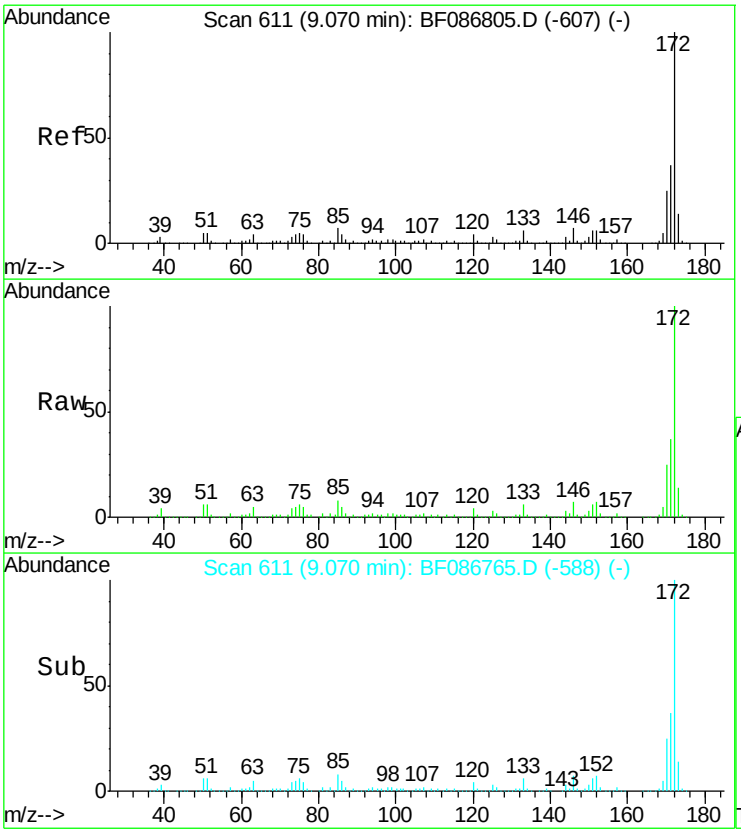
#41
2,4,6-Tribromophenol
Concen: 155.19 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 507947

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	36.5	31.2	46.8

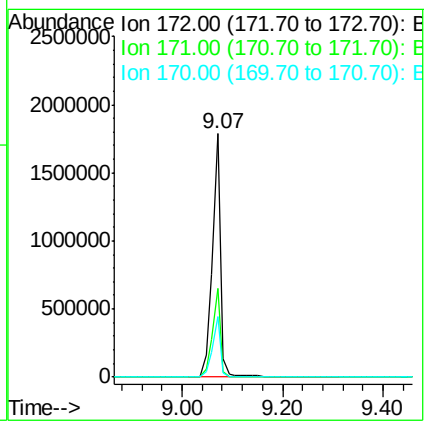


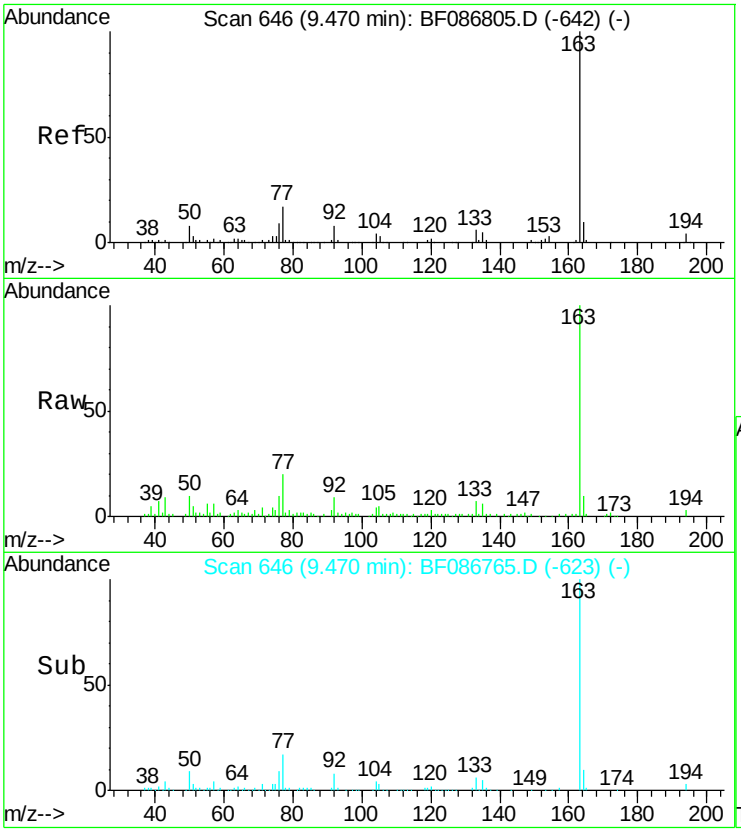


#44
2-Fluorobiphenyl
Concen: 99.62 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion:172 Resp: 2033357

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	25.0	19.8	29.8



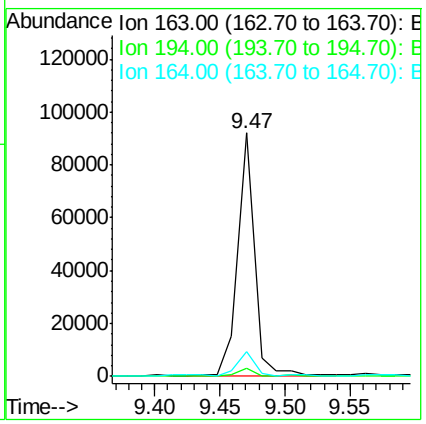


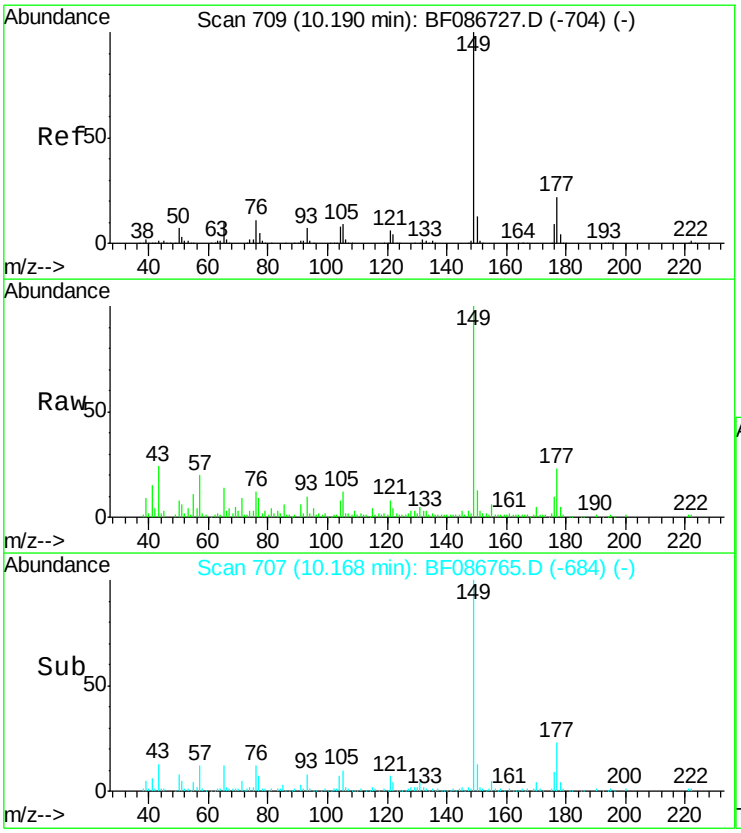
#49
Dimethylphthalate
Concen: 3.35 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:163 Resp: 83451

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.4	8.2	12.4

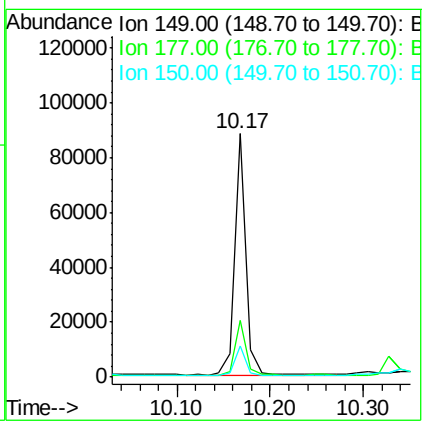


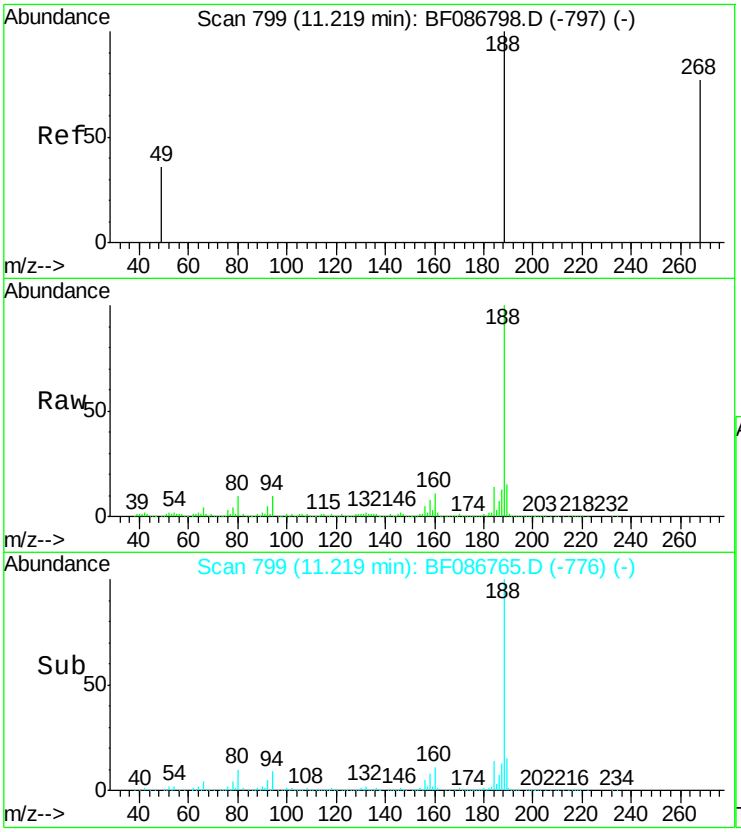


#59
Diethylphthalate
Concen: 3.13 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion:149 Resp: 73903

Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.6	24.8
150	13.0	10.0	15.0



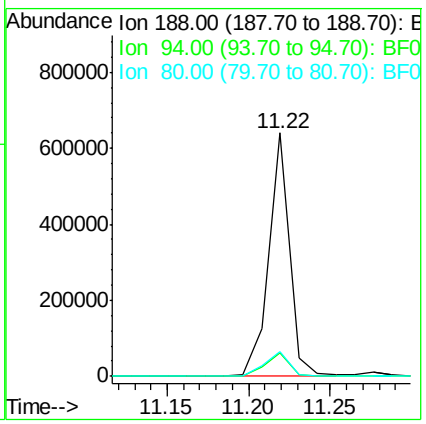


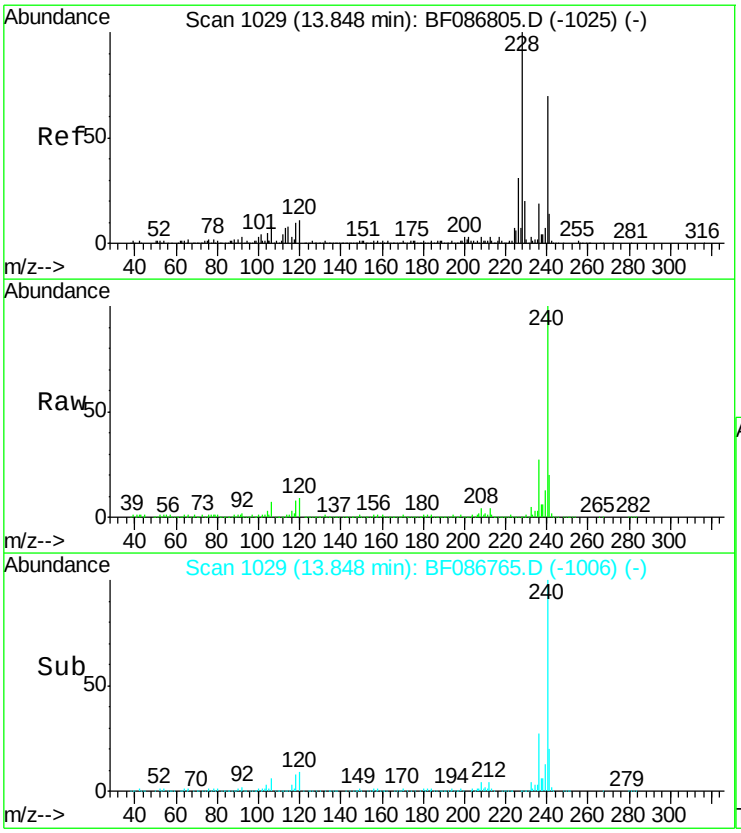
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 565011

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.8	10.2
80	10.4	7.1	10.7

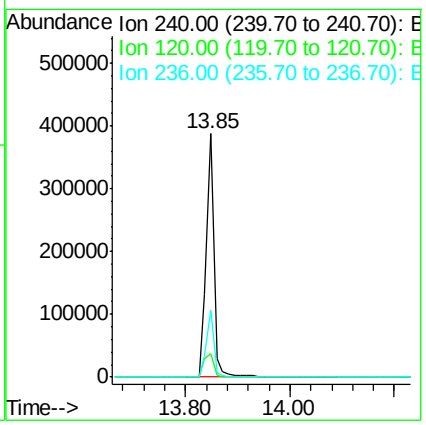


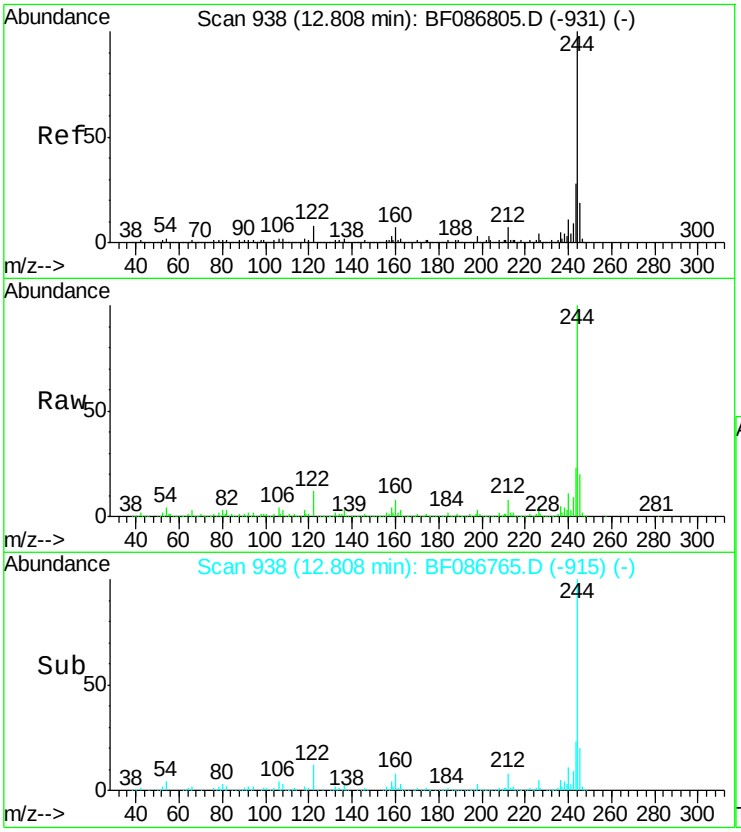


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion:240 Resp: 401304

Ion	Ratio	Lower	Upper
240	100		
120	9.4	11.2	16.8#
236	27.4	21.2	31.8



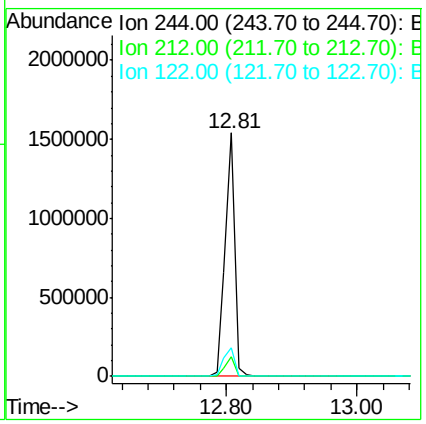


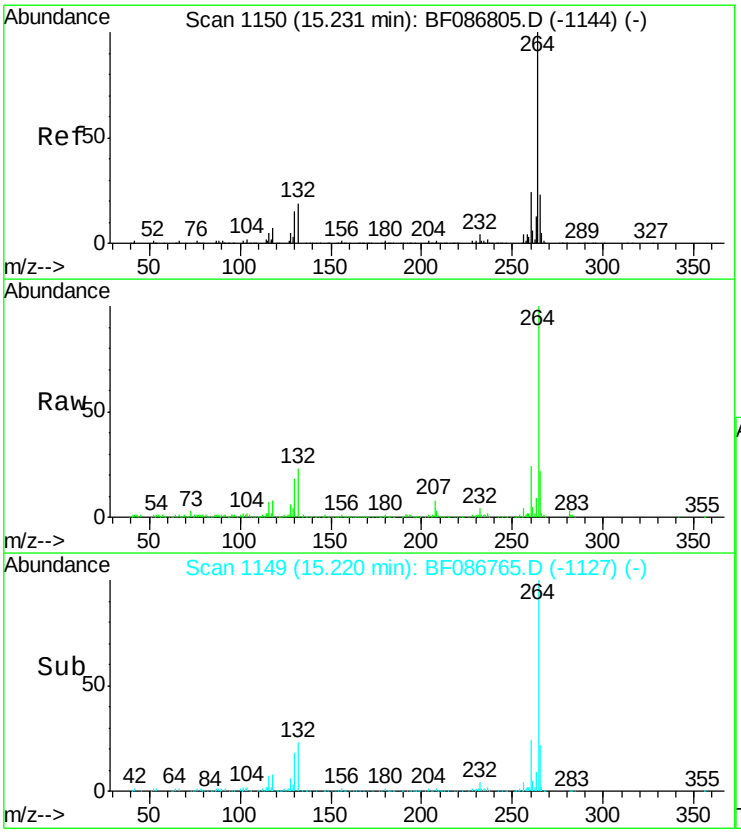
#78
Terphenyl-d14
Concen: 79.71 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 1582693

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.7	12.0	18.0#





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion:264 Resp: 314230

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.0	17.3	25.9