Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086233.D
Acq On : 15 Apr 2016 23:06
Operator : UM/SJ
Sample : H2402-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1-4-7-16

Quant Time: Apr 16 00:30:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	295319	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1211182	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	524514	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	899111	20.00	ng	0.00
75) Chrysene-d12	14.04	240	549362	20.00	ng	-0.01
86) Perylene-d12	15.48	264	468272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1056147	58.60	ng	0.00
7) Phenol-d6	6.51	99	850732	37.73	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1813635	86.37	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	533402	126.64	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2674492	94.09	ng	0.00
78) Terphenyl-d14	13.00	244	1765356	80.80	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	259001	17.95	ng	# 82
22) Acetophenone	7.30	105	4722	Below Cal		# 96
50) 2,6-Dinitrotoluene	9.93	165	65717	7.79	ng	# 33
56) 2,4-Dinitrotoluene	9.93	165	65709	6.08	ng	# 31
57) Fluorene	10.48	166	951	Below Cal		# 84
66) 4-Bromophenyl-phenylether	10.72	248	32656	3.90	ng	# 1
71) Anthracene	11.48	178	4301	Below Cal		# 70
74) Fluoranthene	12.84	202	3765	Below Cal		63

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

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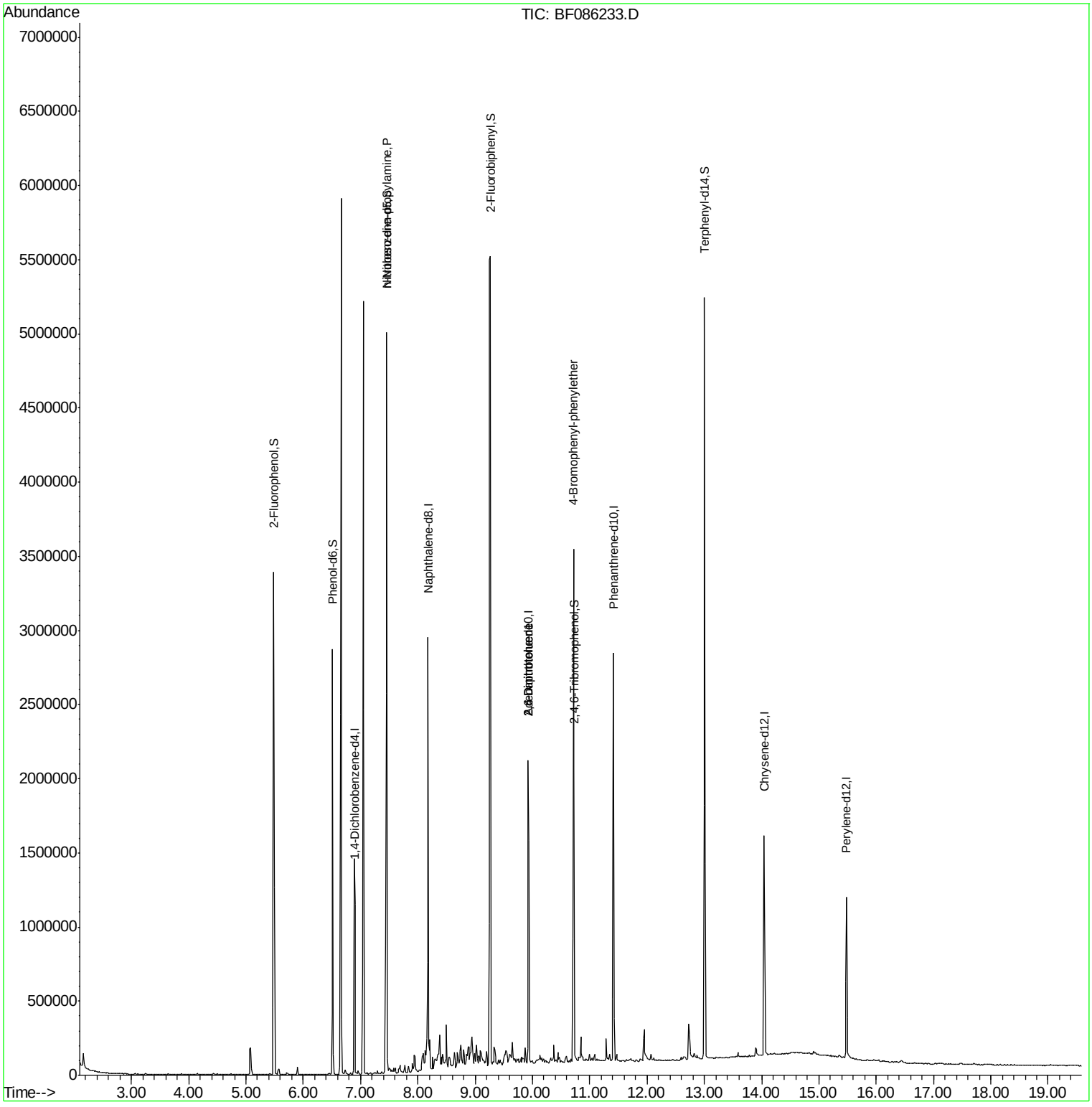
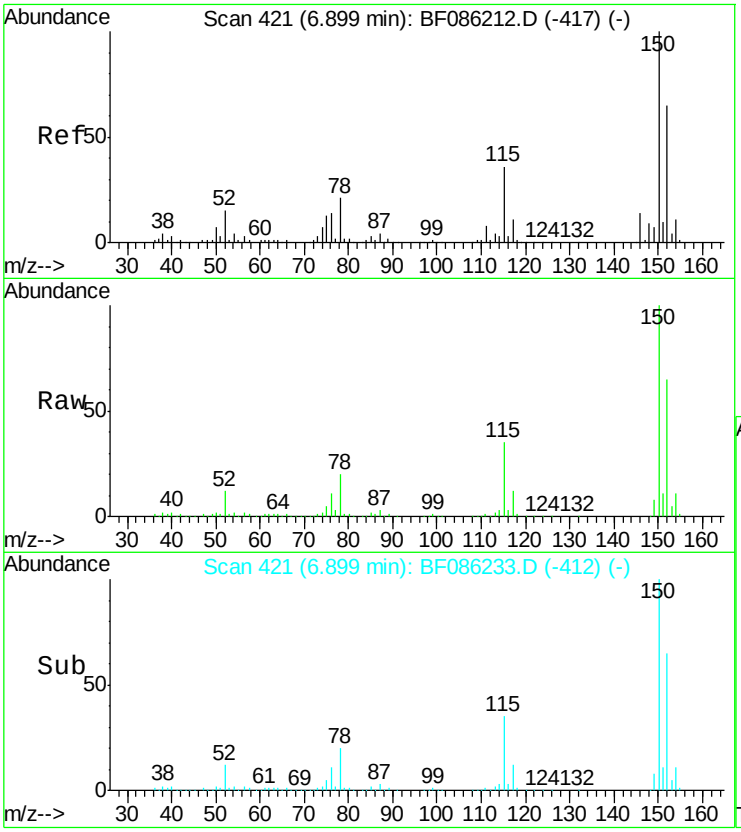


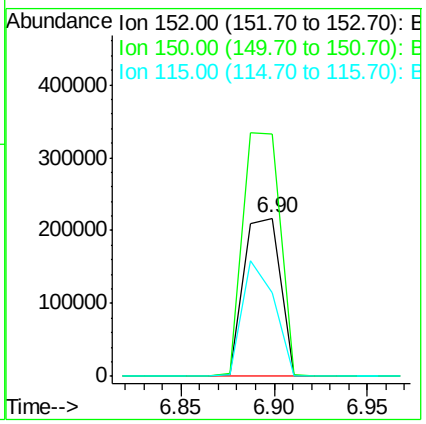


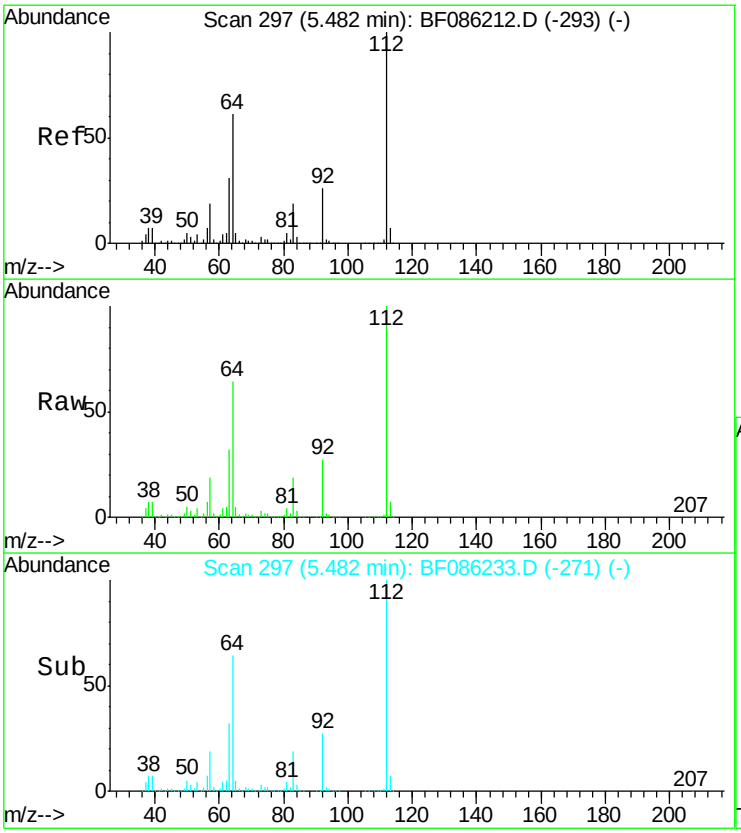
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Instrument :
BNA_F
ClientSampleId :
MW-1-4-7-16

Tgt Ion:152 Resp: 295319

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.1	186.1
115	53.2	43.9	65.9

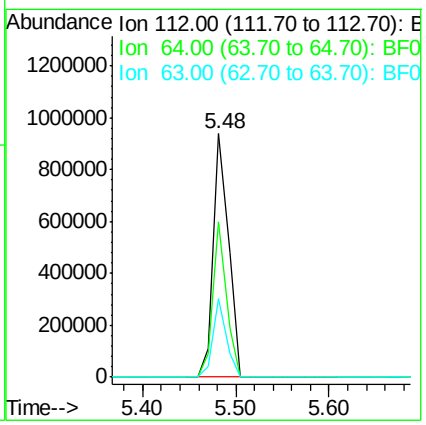


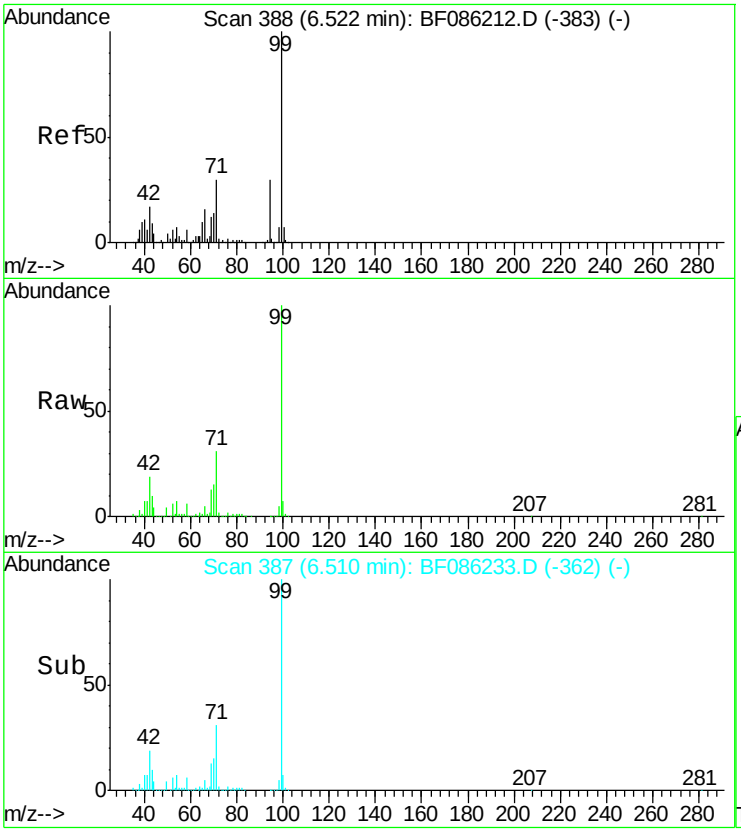


#5
2-Fluorophenol
Concen: 58.60 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Tgt Ion:112 Resp: 1056147

Ion	Ratio	Lower	Upper
112	100		
64	63.9	48.1	72.1
63	32.0	25.5	38.3



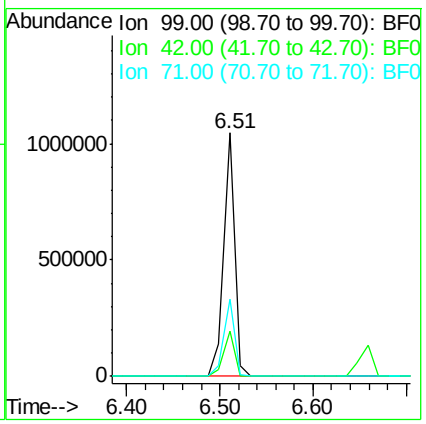


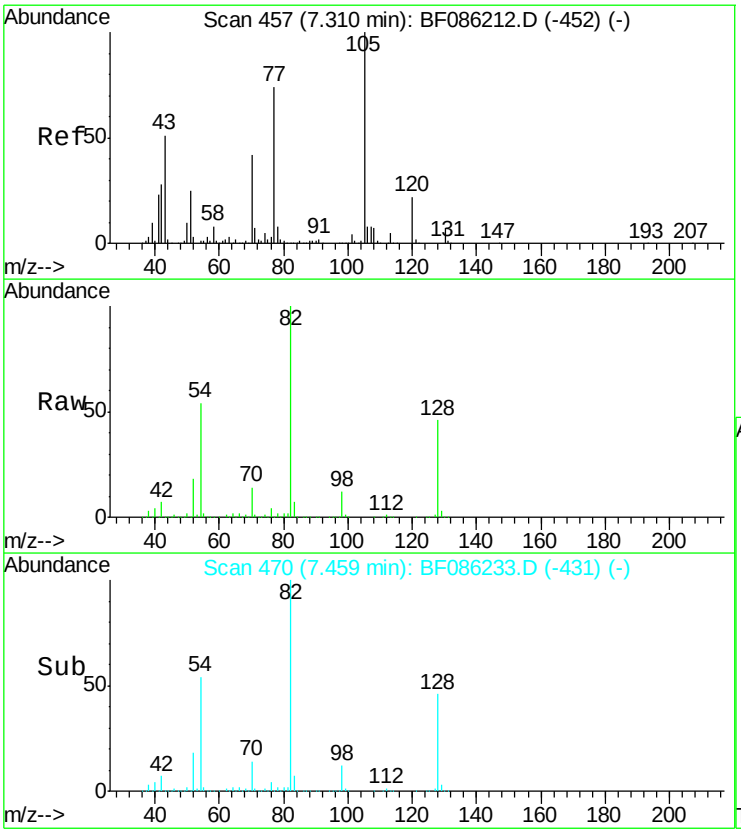
#7
Phenol-d6
Concen: 37.73 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Instrument :
BNA_F
ClientSampleId :
MW-1-4-7-16

Tgt Ion: 99 Resp: 850732

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.4	23.2
71	31.5	25.6	38.4

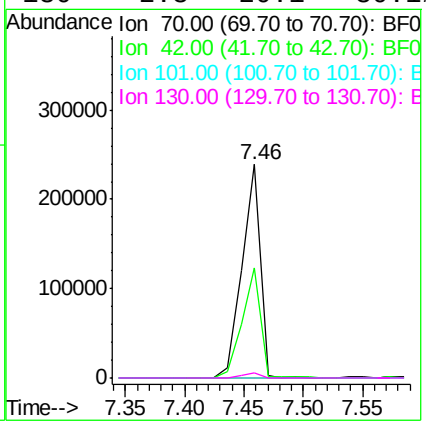


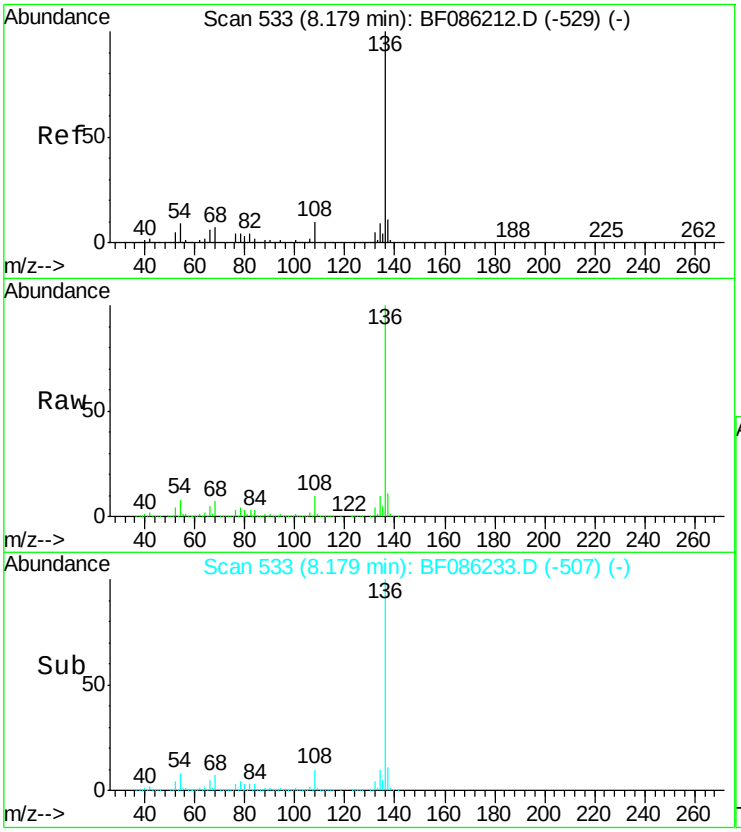


#19
n-Nitroso-di-n-propylamine
Concen: 17.95 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.15 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Tgt Ion: 70 Resp: 259001

Ion	Ratio	Lower	Upper
70	100		
42	51.8	43.0	64.4
101	0.0	8.1	12.1#
130	2.3	20.1	30.1#



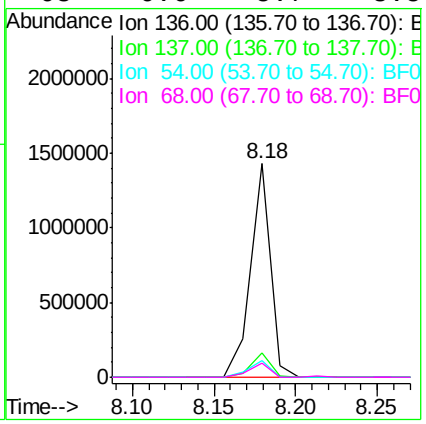


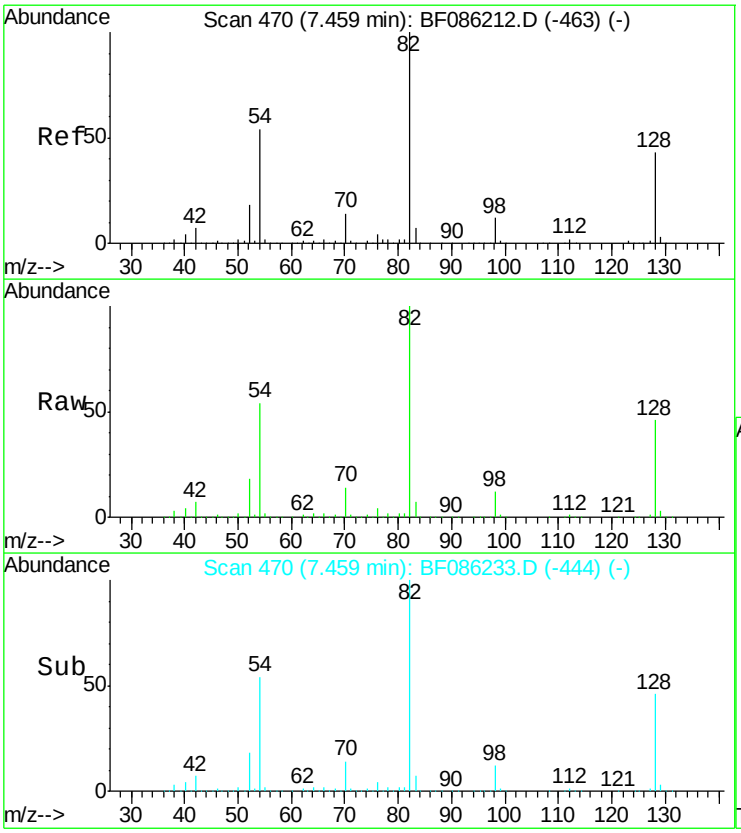
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Instrument :
BNA_F
ClientSampleId :
MW-1-4-7-16

Tgt Ion:136 Resp: 1211182

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.8	7.3	10.9
68	6.6	5.7	8.5

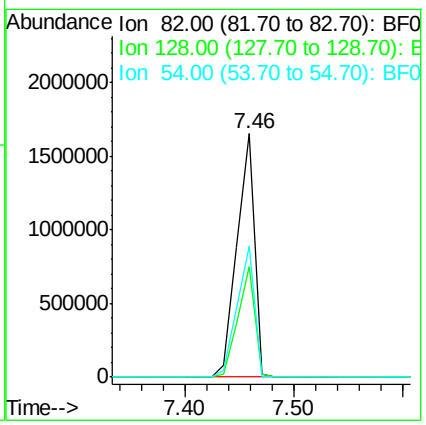


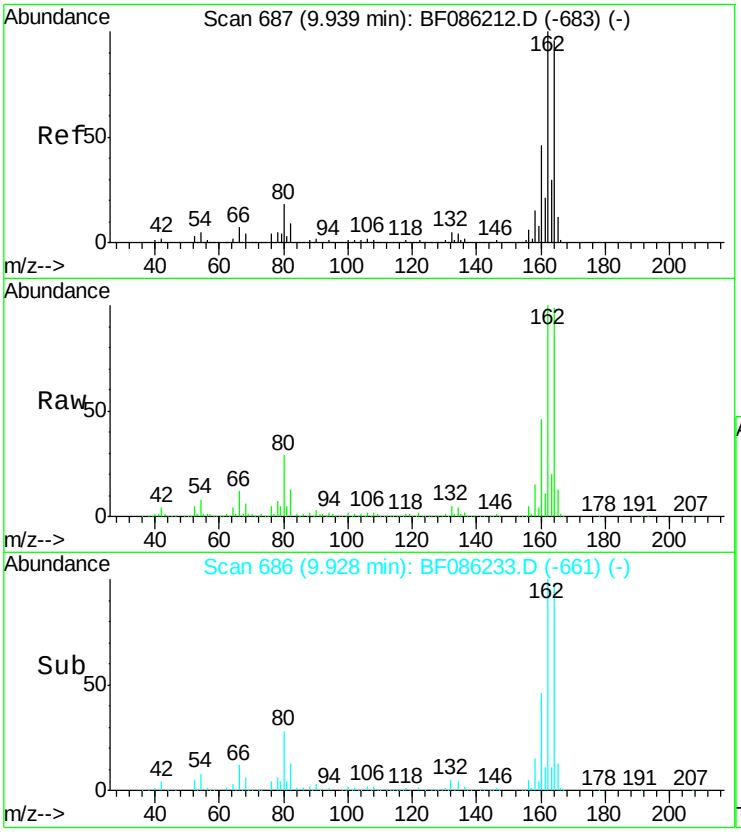


#23
Nitrobenzene-d5
Concen: 86.37 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Tgt Ion: 82 Resp: 1813635

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.4	53.2
54	53.7	43.4	65.0



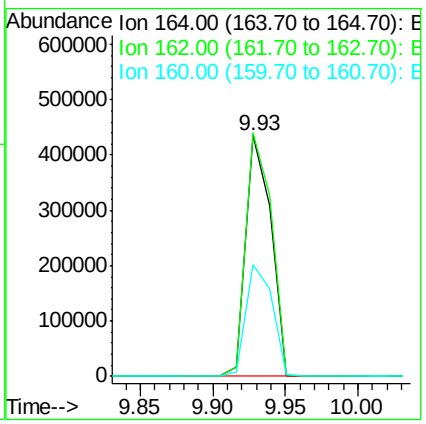


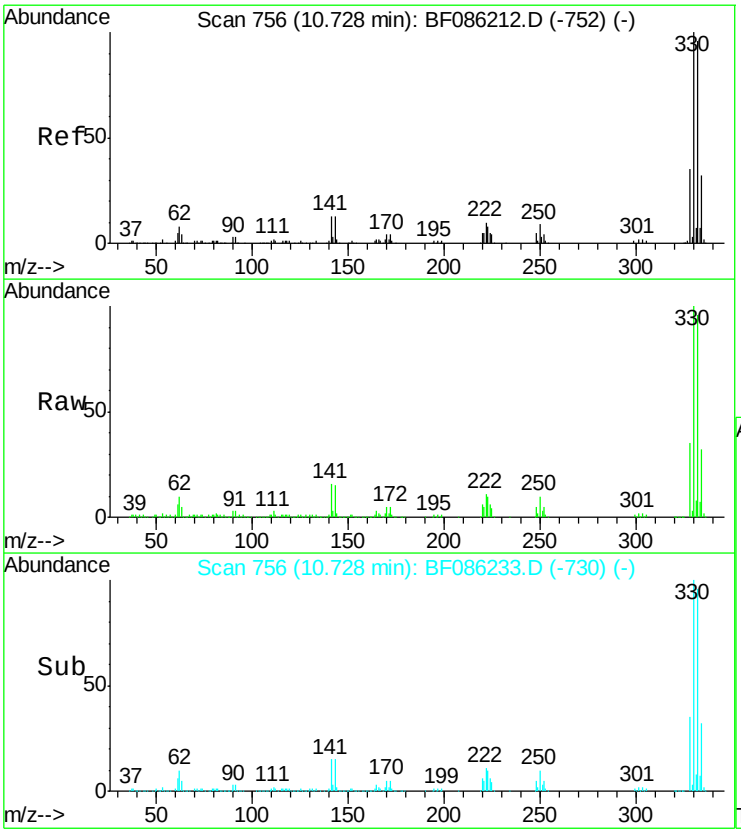
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Instrument :
BNA_F
ClientSampleId :
MW-1-4-7-16

Tgt Ion:164 Resp: 524514

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.8	124.2
160	46.2	38.9	58.3





#41
2,4,6-Tribromophenol
Concen: 126.64 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Tgt Ion:330 Resp: 533402

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.7	118.1
141	36.6	28.6	42.8