Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080764.D
Acq On : 1 Aug 2015 6:40
Operator : TP/UM
Sample : G3121-07
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCQ-077CS-2(0-6FTBGS)

Quant Time: Aug 03 01:00:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128891	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	476713	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	222643	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	419669	20.00	ng	0.00
75) Chrysene-d12	14.00	240	244989	20.00	ng	0.00
86) Perylene-d12	15.40	264	181205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1010800	134.53	ng	0.02
7) Phenol-d6	6.49	99	1251767	122.38	ng	0.00
23) Nitrobenzene-d5	7.41	82	882250	89.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	360622	156.10	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1428947	95.75	ng	-0.01
78) Terphenyl-d14	12.96	244	1372733	105.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	1590	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	125503	18.22	ng	# 75
25) Isophorone	7.41	82	869995	49.70	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	28743	8.63	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	28745	6.58	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	23214	5.36	ng	# 1
76) Benzidine	12.94	184	18982	2.13	ng	97

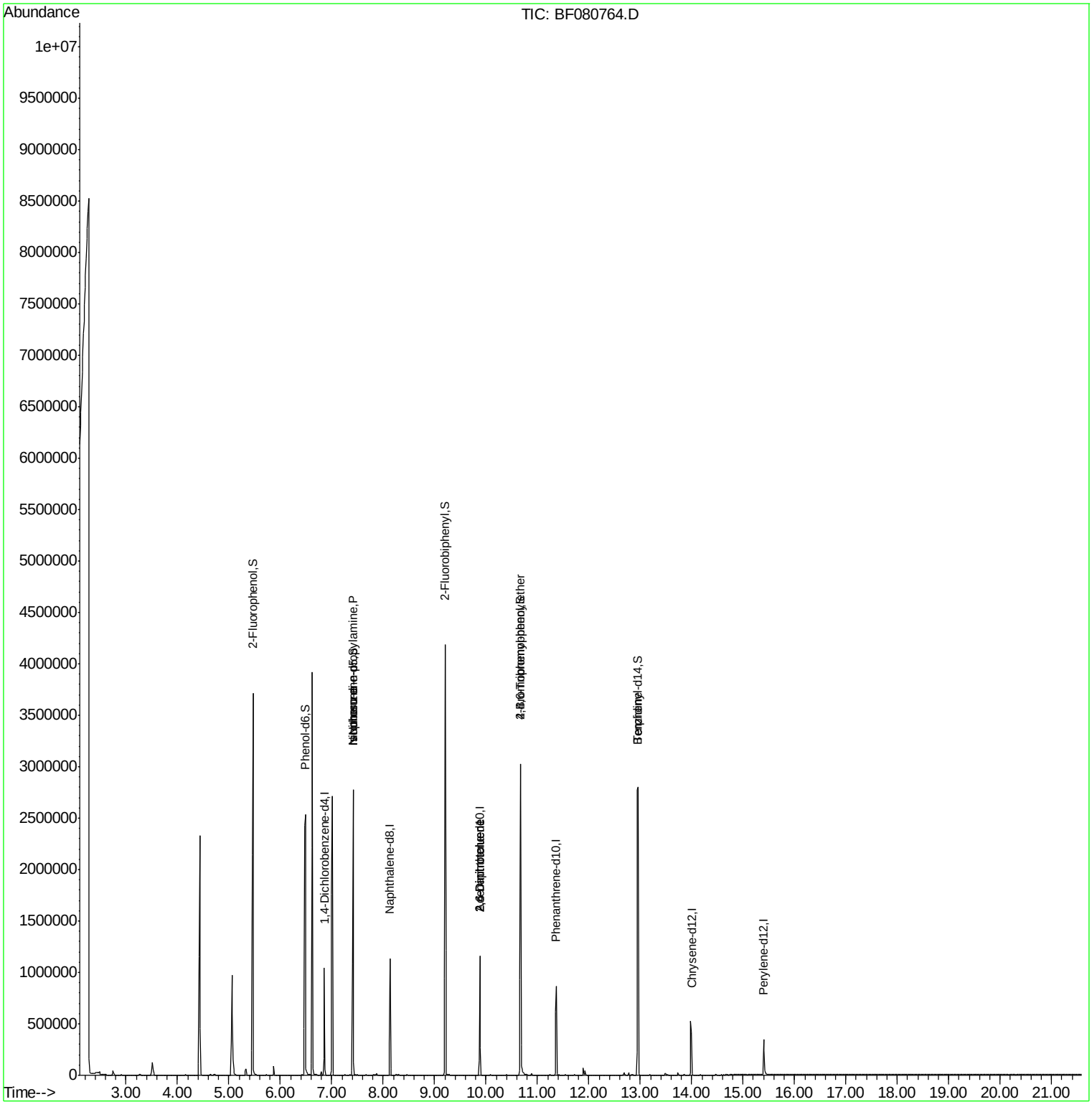
(#) = qualifier out of range (m) = manual integration (+) = signals summed

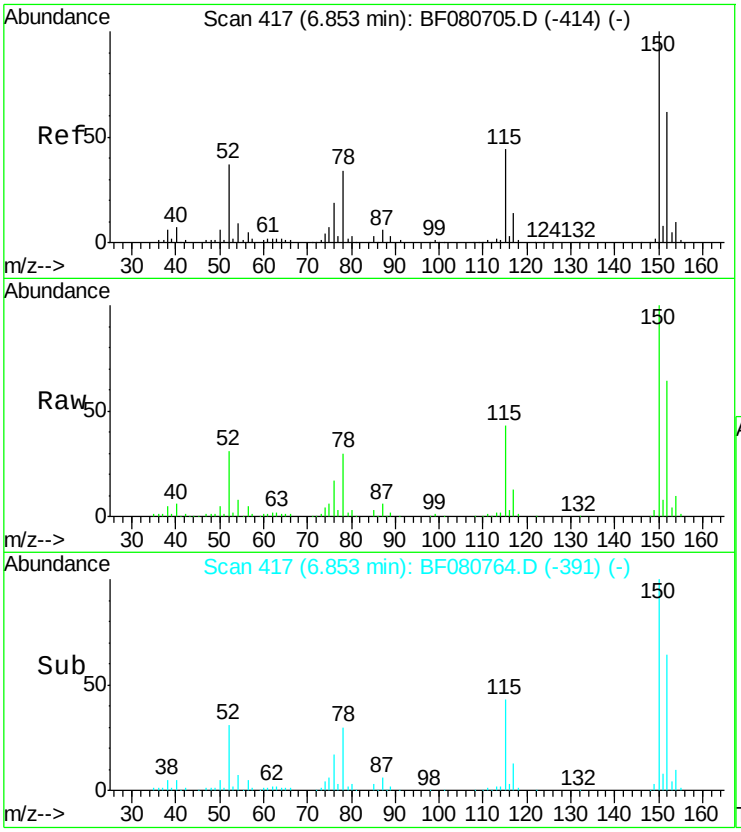
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080764.D
Acq On : 1 Aug 2015 6:40
Operator : TP/UM
Sample : G3121-07
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Quant Time: Aug 03 01:00:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration



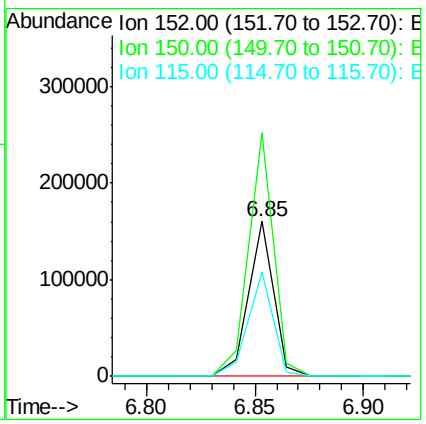


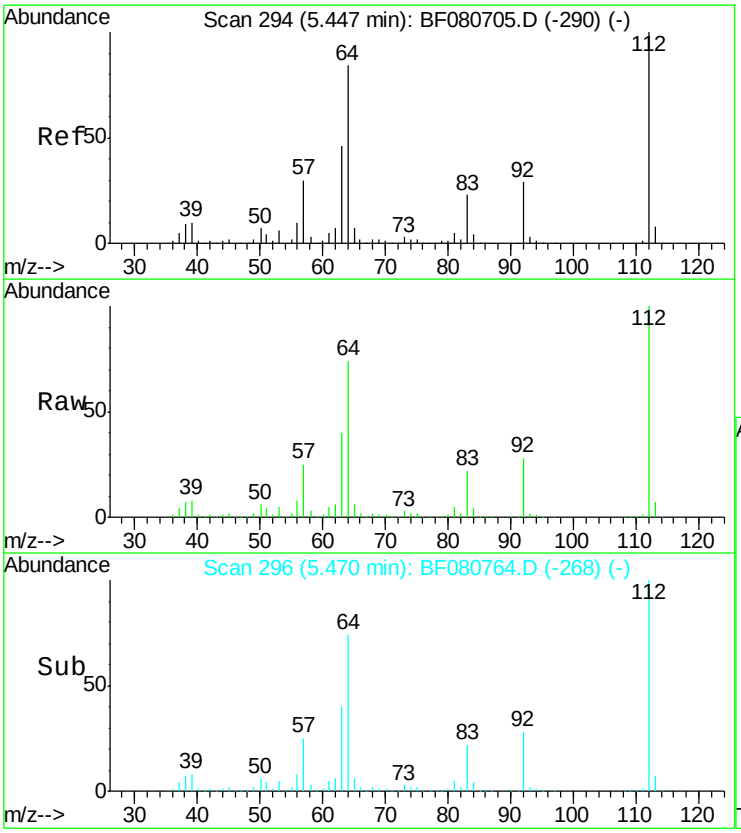
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Tgt Ion:152 Resp: 128891

Ion	Ratio	Lower	Upper
152	100		
150	157.0	129.6	194.4
115	67.4	56.6	85.0

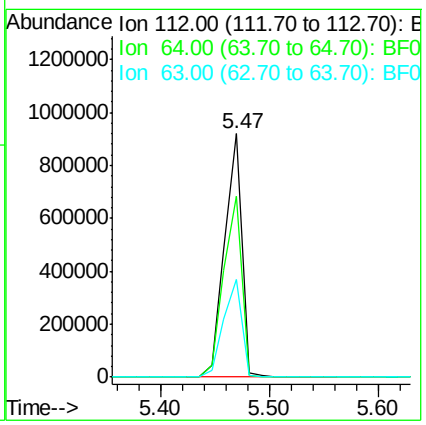


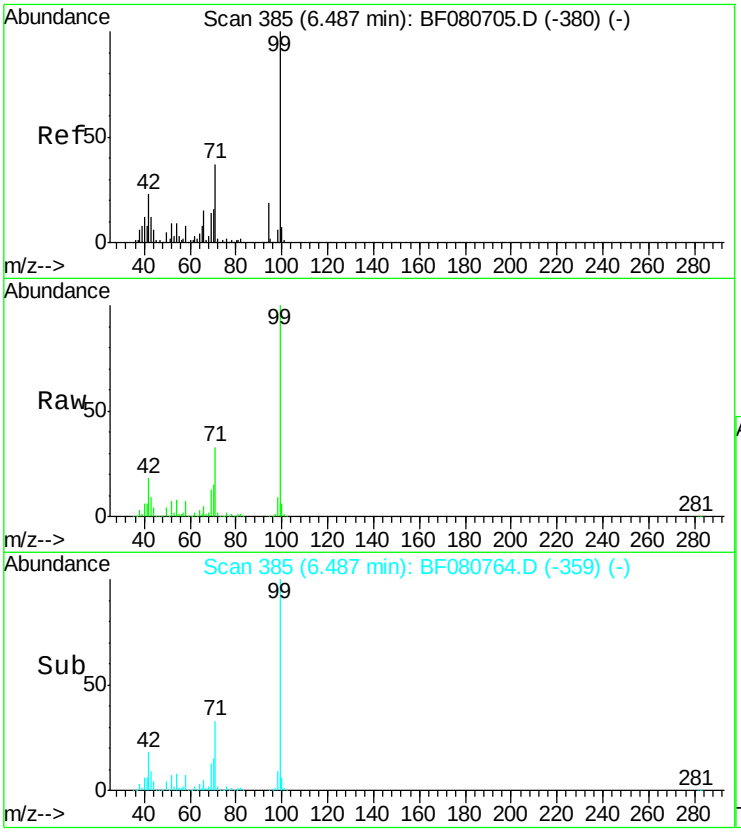


#5
2-Fluorophenol
Concen: 134.53 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Tgt Ion:112 Resp: 1010800

Ion	Ratio	Lower	Upper
112	100		
64	74.0	66.8	100.2
63	40.3	36.7	55.1



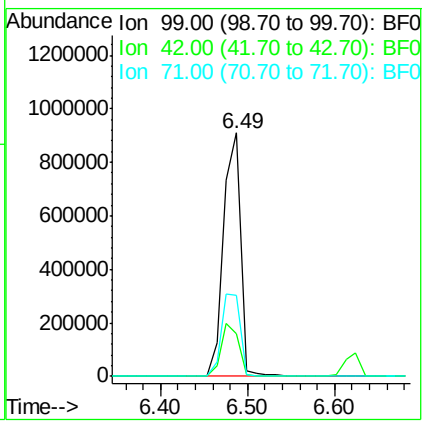


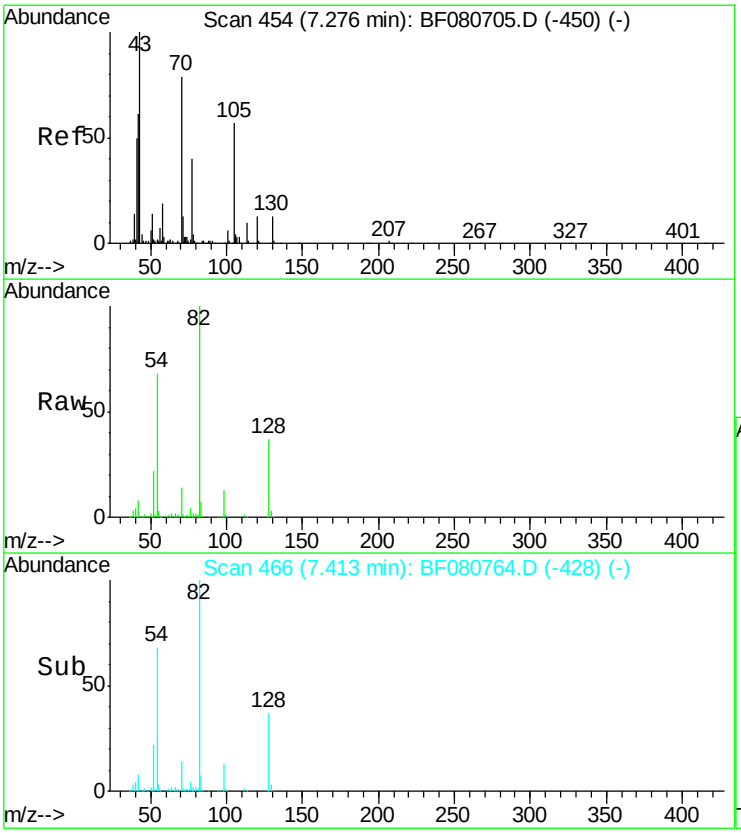
#7
Phenol-d6
Concen: 122.38 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Tgt Ion: 99 Resp: 1251767

Ion	Ratio	Lower	Upper
99	100		
42	17.6	18.2	27.2#
71	33.3	29.5	44.3

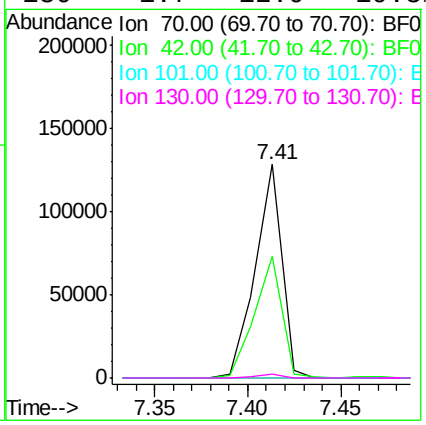


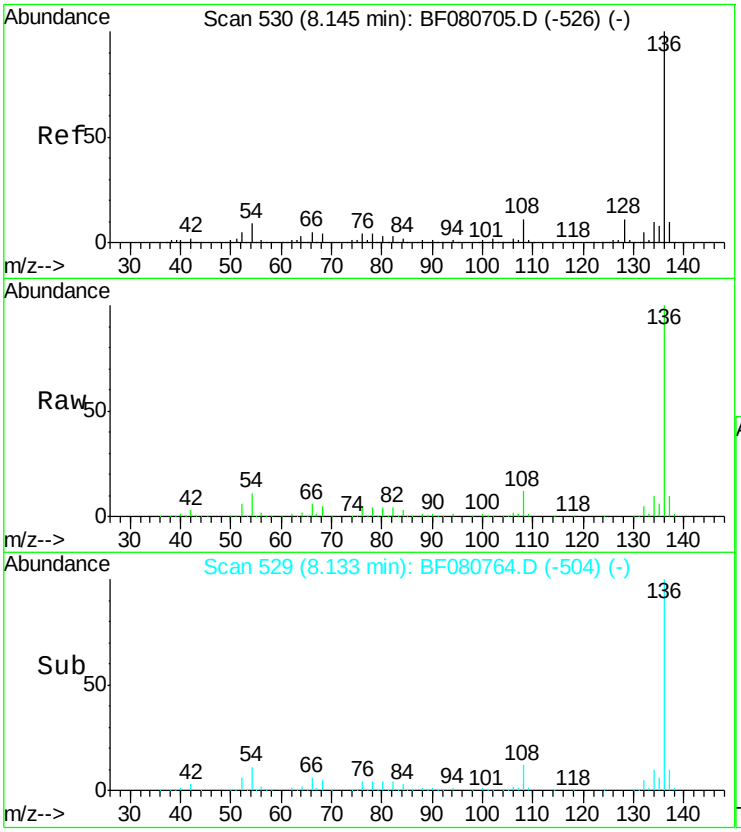


#19
n-Nitroso-di-n-propylamine
Concen: 18.22 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Tgt Ion: 70 Resp: 125503

Ion	Ratio	Lower	Upper
70	100		
42	57.1	61.8	92.6#
101	0.0	6.1	9.1#
130	1.7	12.9	19.3#



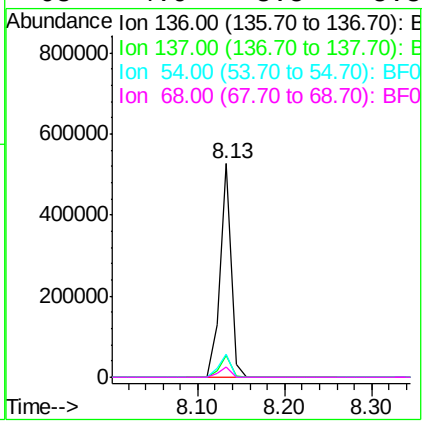


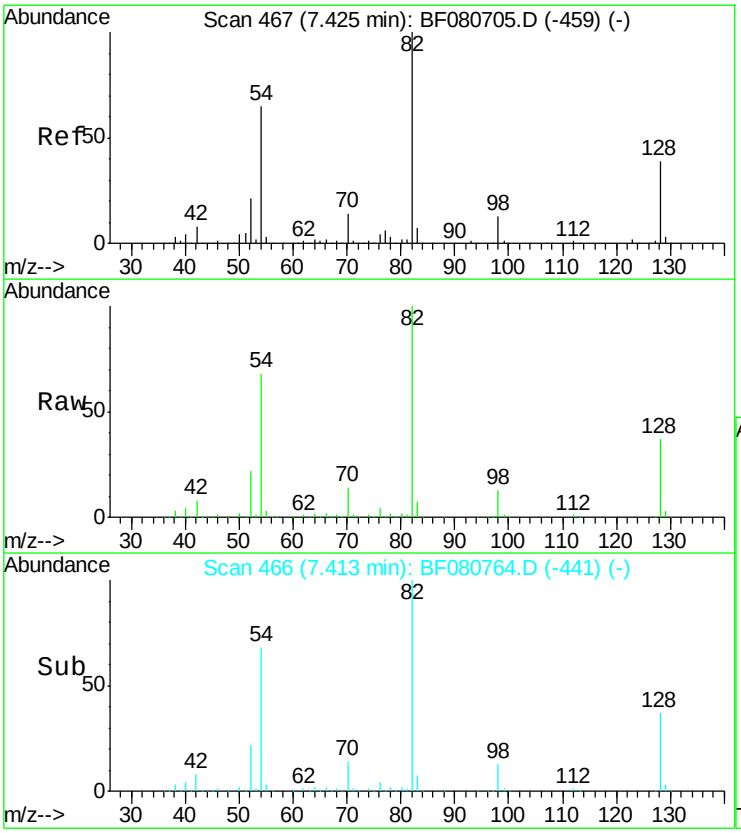
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Tgt Ion:136 Resp: 476713

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	11.1	6.9	10.3#
68	4.9	3.5	5.3

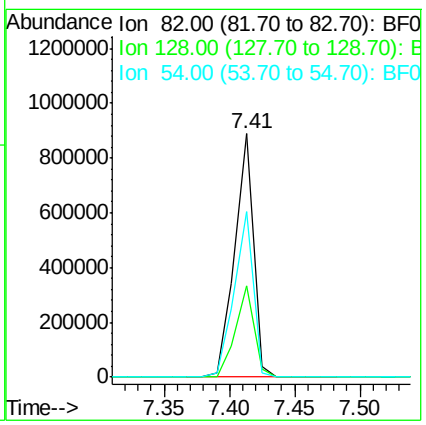


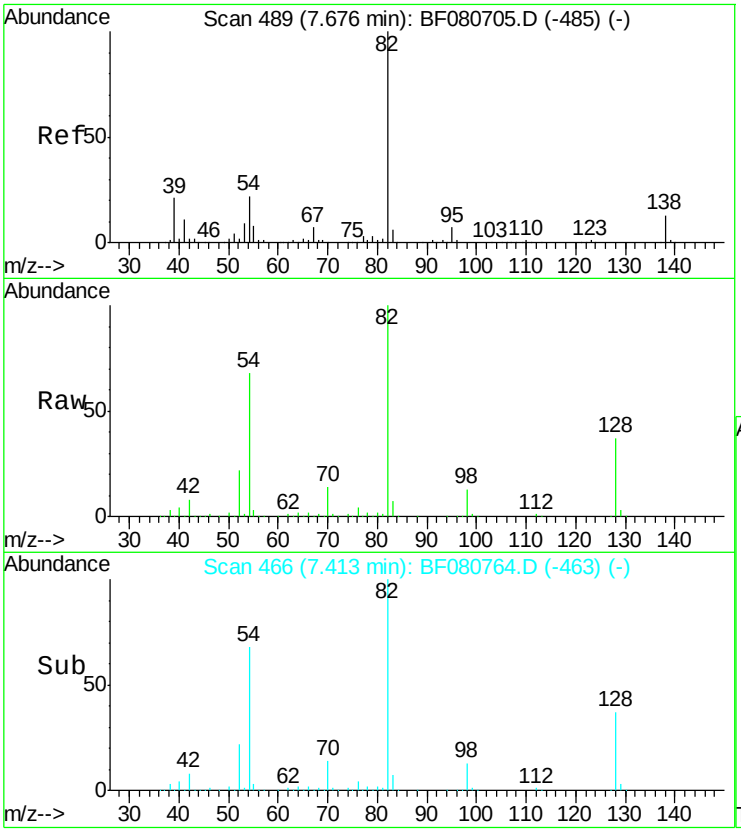


#23
Nitrobenzene-d5
Concen: 89.62 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Tgt Ion: 82 Resp: 882250

Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.5	47.3
54	68.0	51.8	77.8



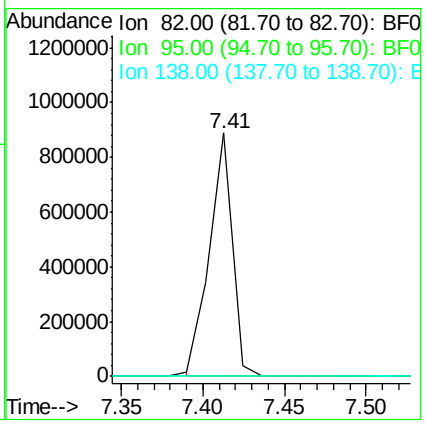


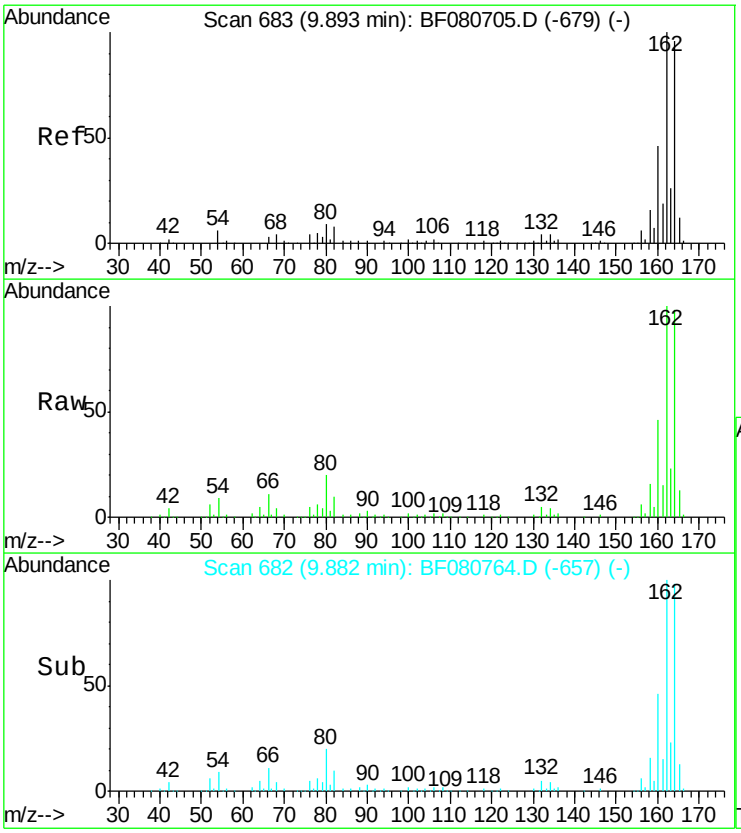
#25
Isophorone
Concen: 49.70 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.26 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Tgt Ion: 82 Resp: 869995

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	10.7	16.1#

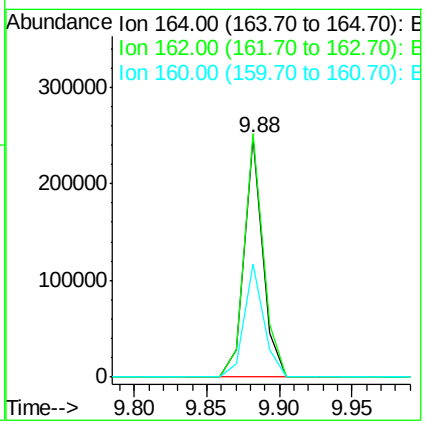


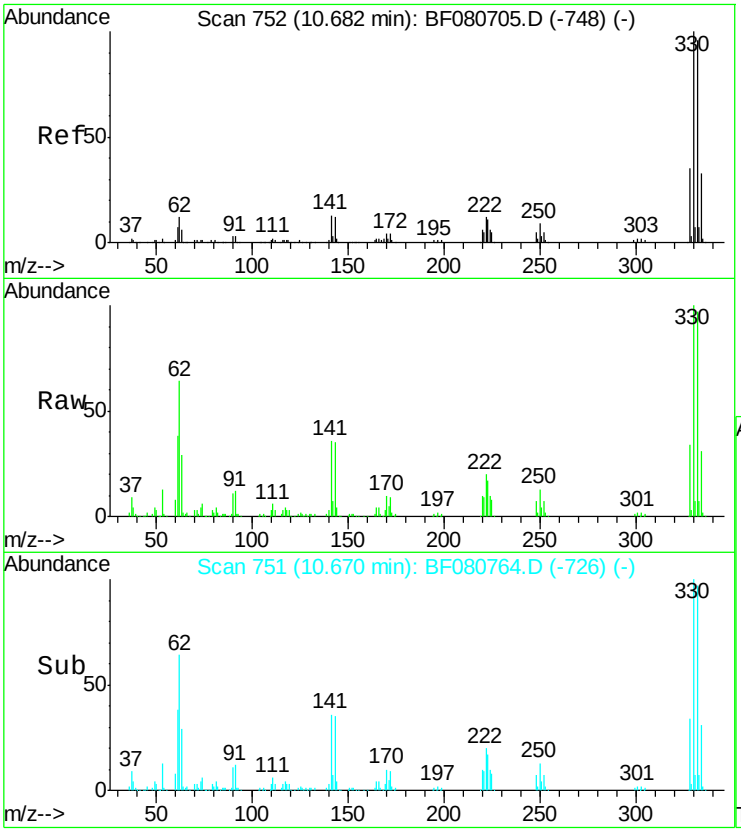


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Tgt Ion:164 Resp: 222643

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.4	125.0
160	47.1	38.0	57.0



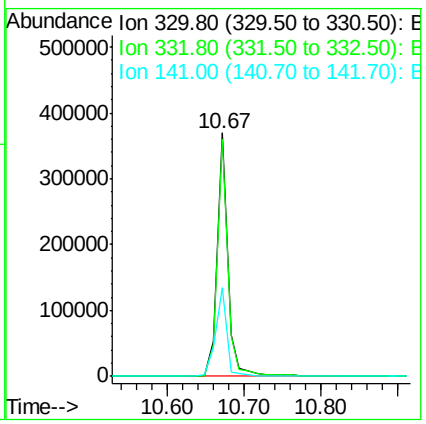


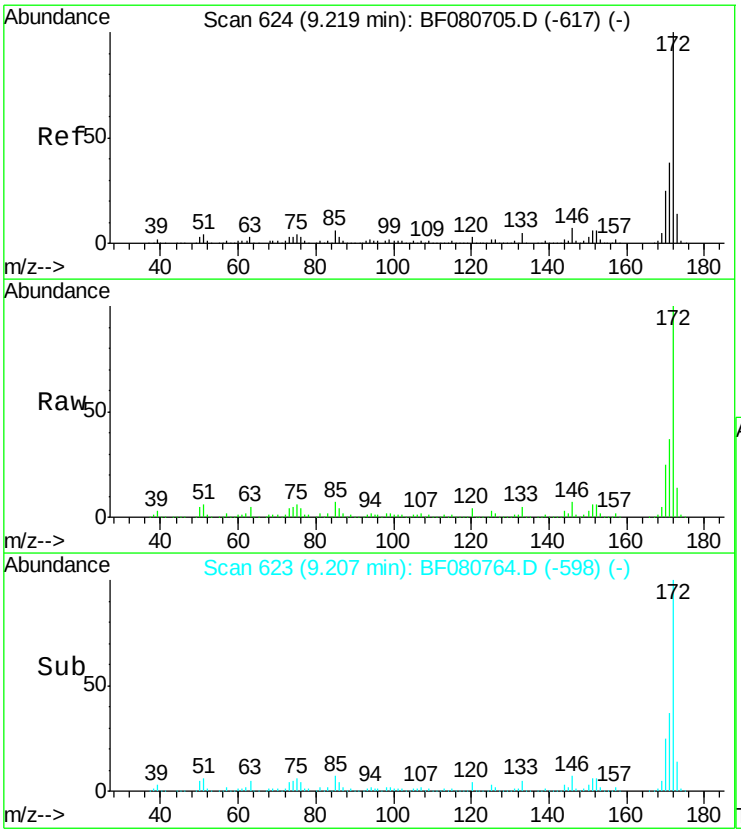
#41
2,4,6-Tribromophenol
Concen: 156.10 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Tgt Ion:330 Resp: 360622

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	38.1	26.0	39.0

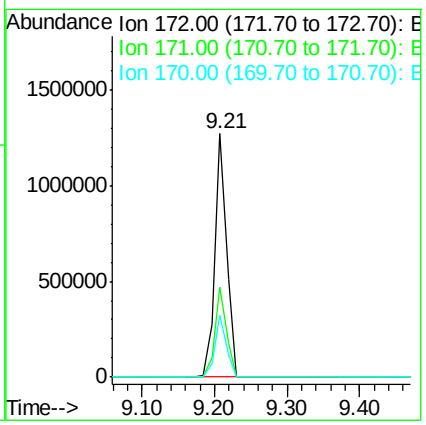


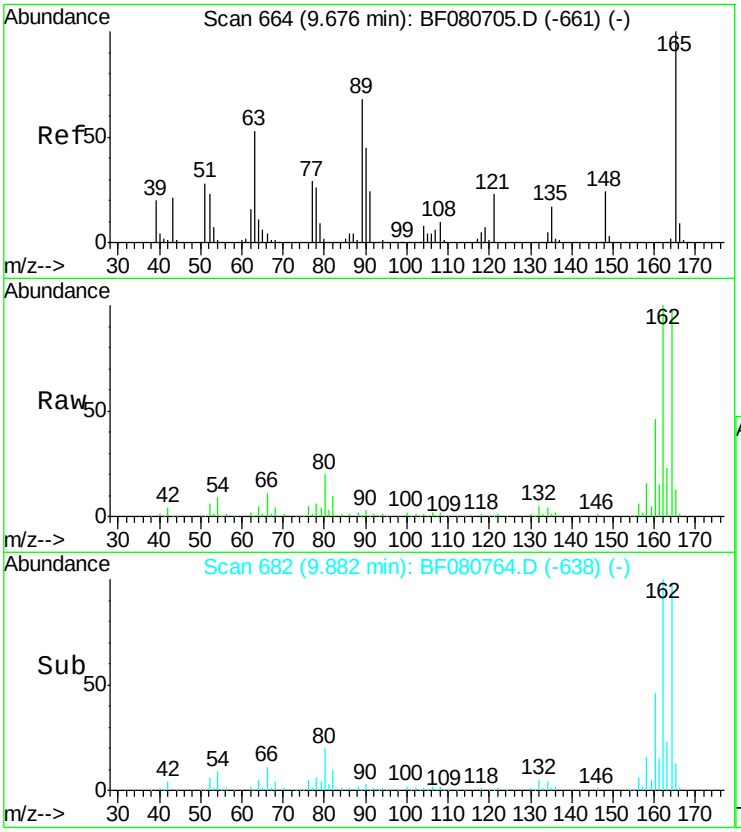


#44
2-Fluorobiphenyl
Concen: 95.75 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Tgt Ion:172 Resp: 1428947

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.2	45.4
170	25.2	20.2	30.2



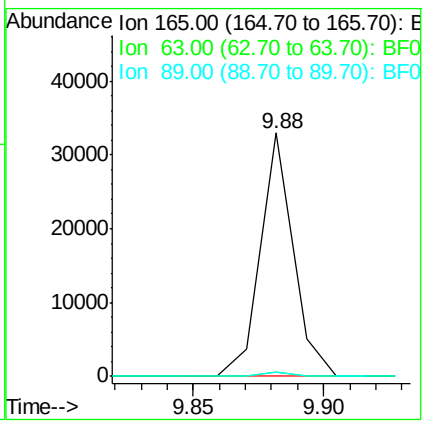


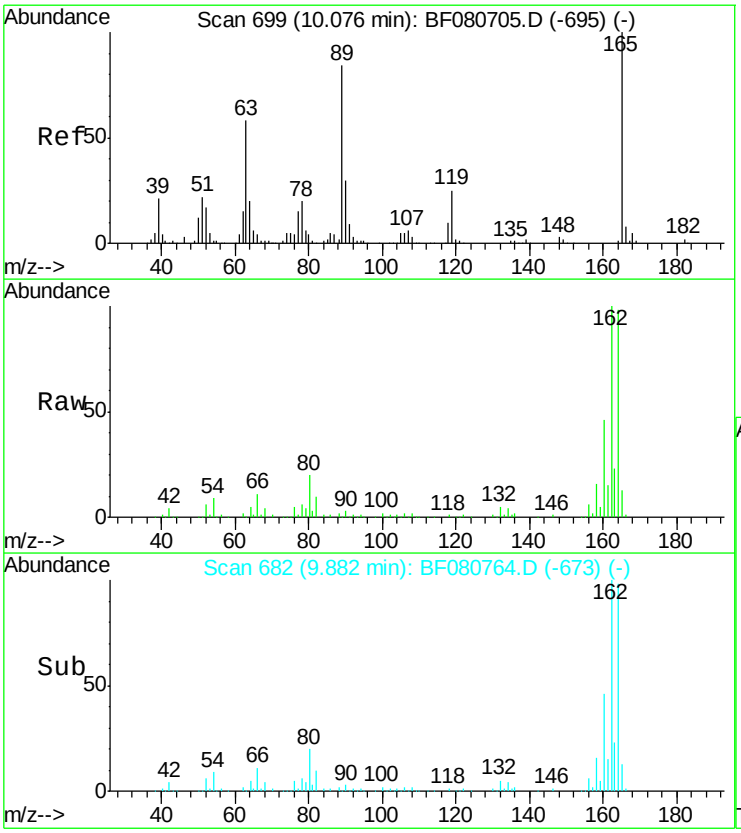
#50
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.21 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Tgt Ion:165 Resp: 28743

Ion	Ratio	Lower	Upper
165	100		
63	1.8	62.3	93.5#
89	1.6	54.8	82.2#

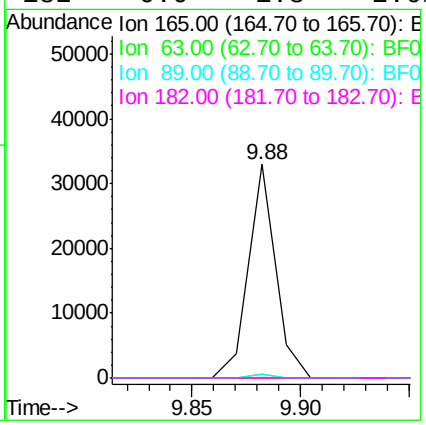


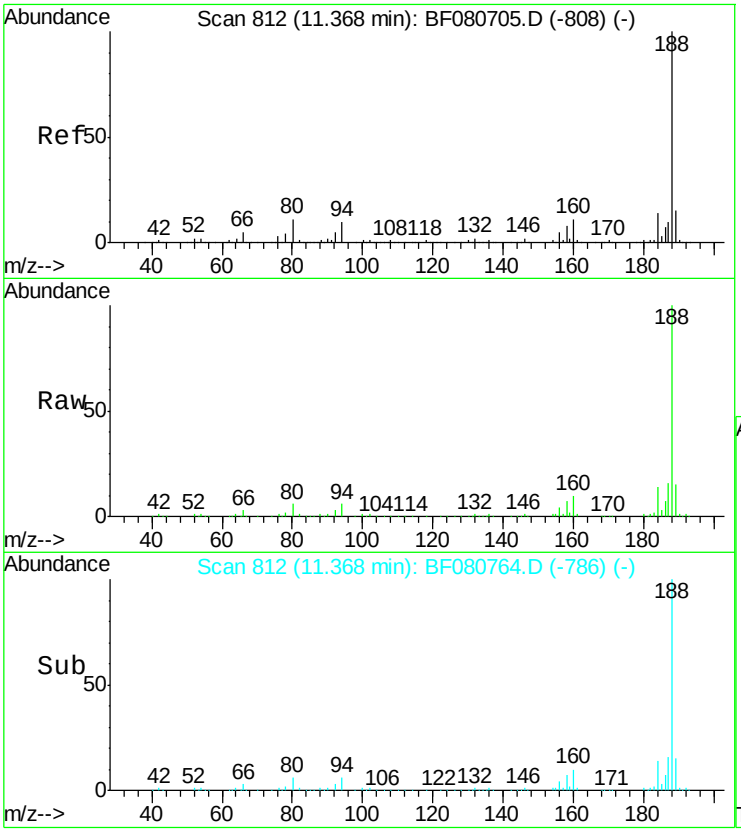


#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Tgt Ion:165 Resp: 28745

Ion	Ratio	Lower	Upper
165	100		
63	1.8	46.7	70.1#
89	1.6	67.4	101.2#
182	0.0	1.8	2.6#



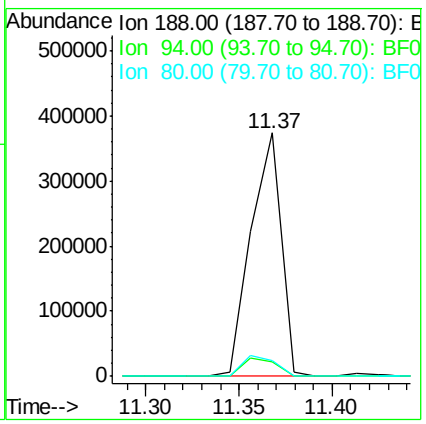


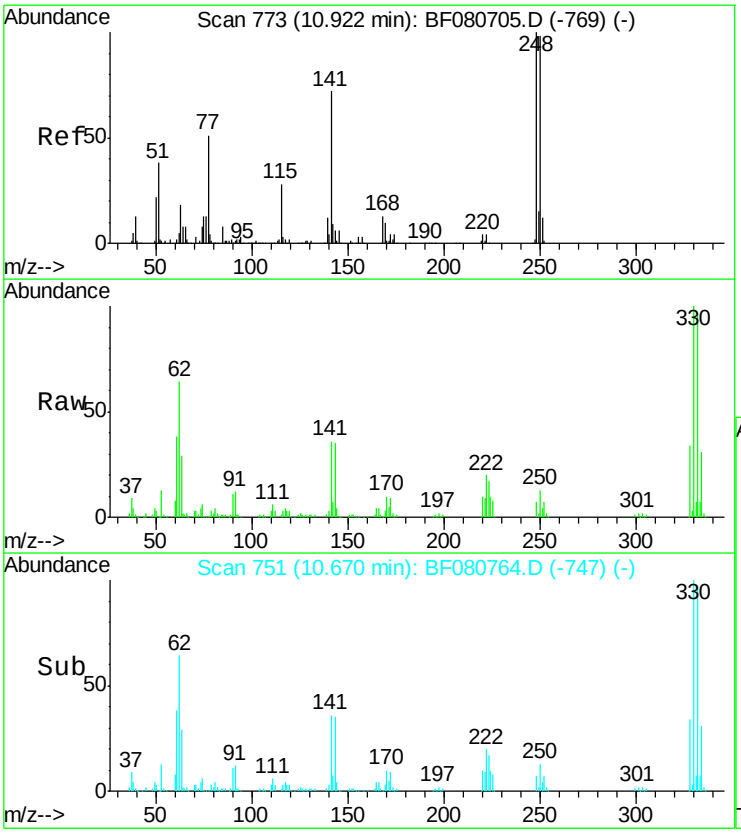
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Tgt Ion:188 Resp: 419669

Ion	Ratio	Lower	Upper
188	100		
94	5.9	8.1	12.1#
80	6.3	9.1	13.7#

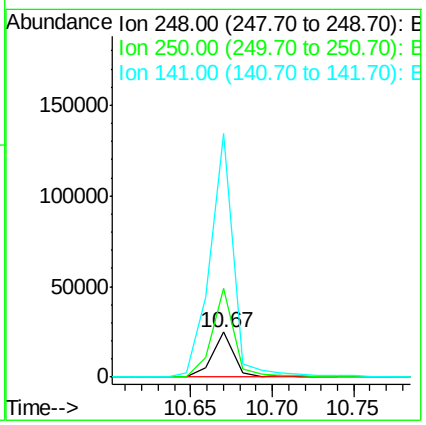


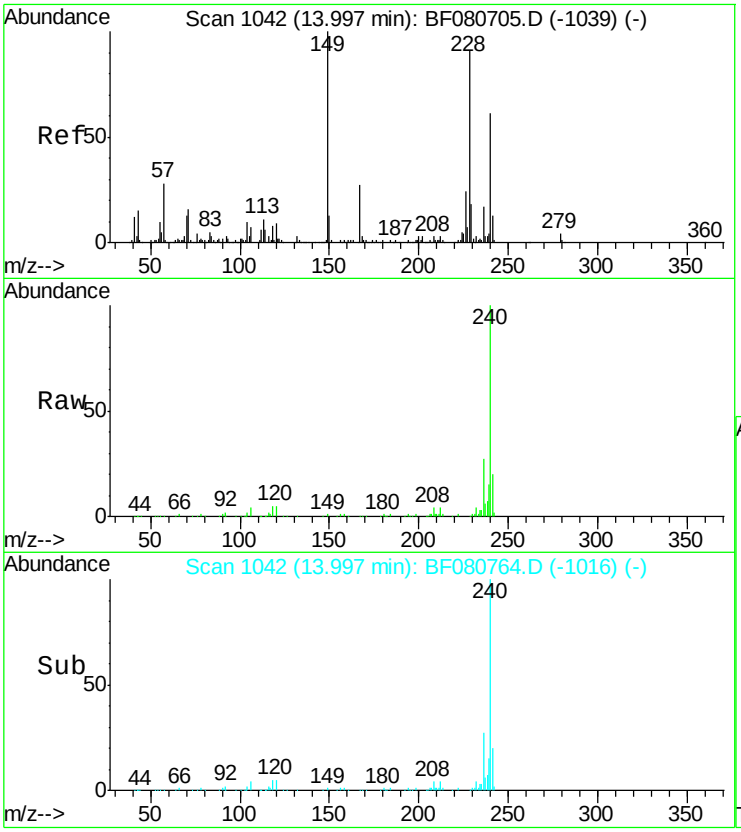


#66
4-Bromophenyl-phenylether
Concen: 5.36 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Tgt Ion:248 Resp: 23214

Ion	Ratio	Lower	Upper
248	100		
250	197.6	78.4	117.6#
141	539.6	57.5	86.3#



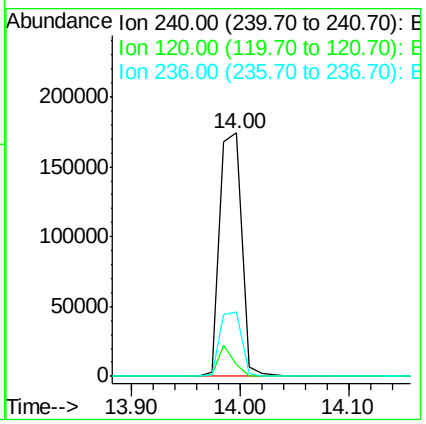


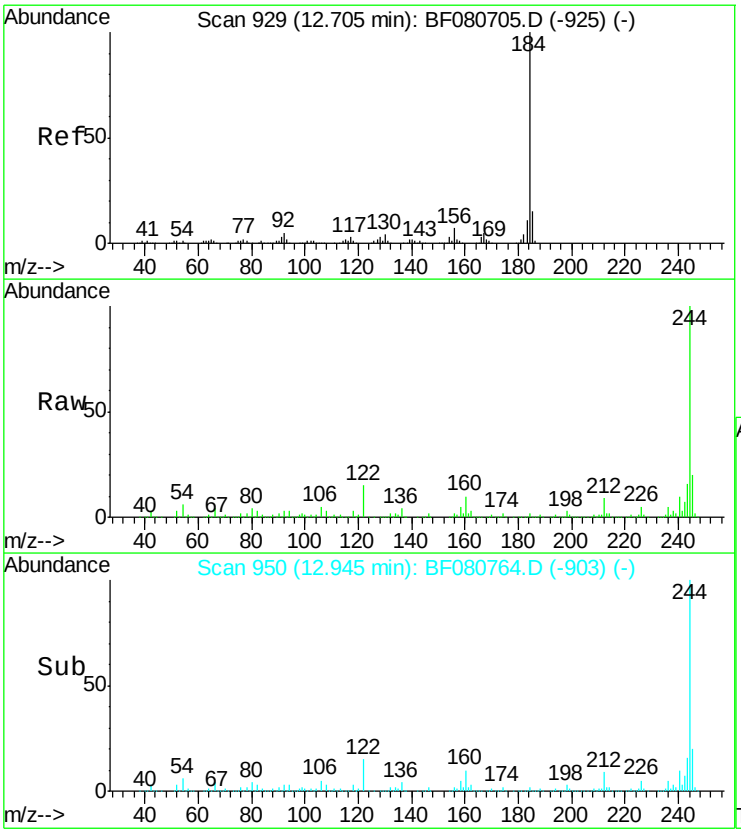
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Tgt Ion:240 Resp: 244989

Ion	Ratio	Lower	Upper
240	100		
120	5.0	11.8	17.8#
236	26.7	21.8	32.8

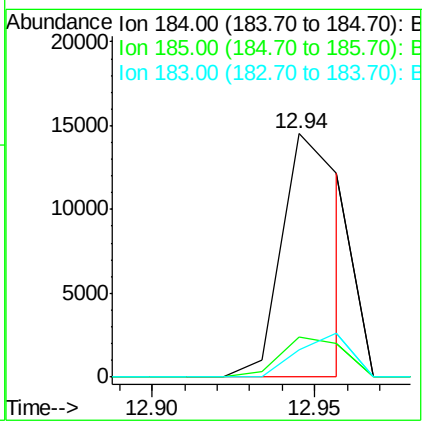


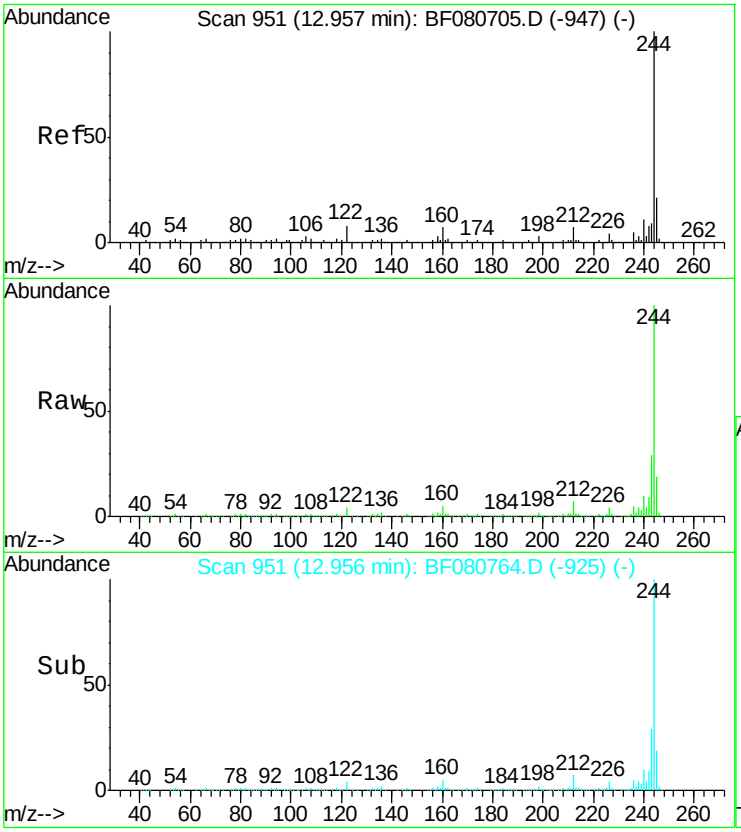


#76
Benzidine
Concen: 2.13 ng
RT: 12.94 min Scan# 950
Delta R.T. 0.24 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Tgt Ion:184 Resp: 18982

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.0	18.0
183	11.1	9.1	13.7



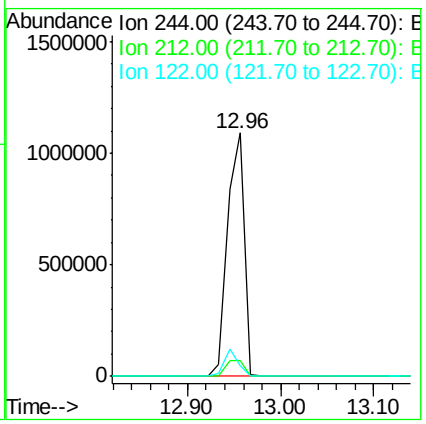


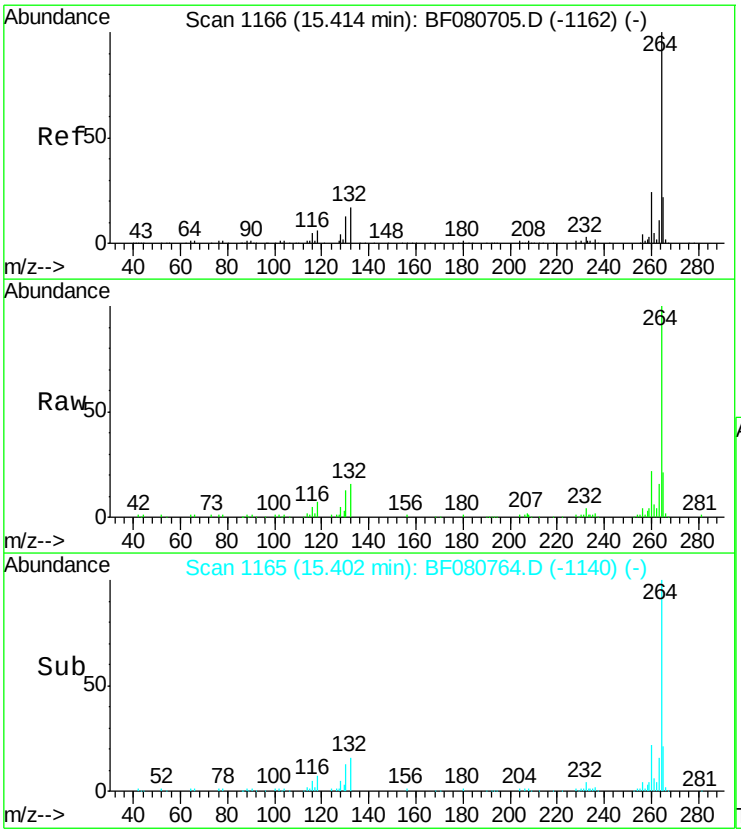
#78
Terphenyl-d14
Concen: 105.97 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)

Tgt Ion:244 Resp: 1372733

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	4.4	6.6	9.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF080764.D
Acq: 1 Aug 2015 6:40

Tgt Ion:264 Resp: 181205

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.0
265	20.9	17.3	25.9