Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086334.D
Acq On : 21 Apr 2016 3:24
Operator : UM/SJ
Sample : H2569-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LCF-B2

Quant Time: Apr 21 05:15:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	241776	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	908949	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	344817	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	573259	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	406430	20.00	ng	-0.02
86) Perylene-d12	15.46	264	281985	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1391240	100.40	ng	-0.02
7) Phenol-d6	6.50	99	1893480	104.42	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1163670	73.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	298797	111.18	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1642240	92.93	ng	-0.03
78) Terphenyl-d14	12.98	244	1134101	66.42	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.02	79	22644	2.01	ng	# 42
19) n-Nitroso-di-n-propylamine	7.44	70	149351	13.60	ng	# 75
40) Hexachlorocyclopentadiene	9.04	237	1568	2.59	ng	# 26
49) Dimethylphthalate	9.62	163	405357	15.44	ng	99
56) 2,4-Dinitrotoluene	9.90	165	45978	6.85	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.69	198	549	6.32	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	18553	3.01	ng	# 1

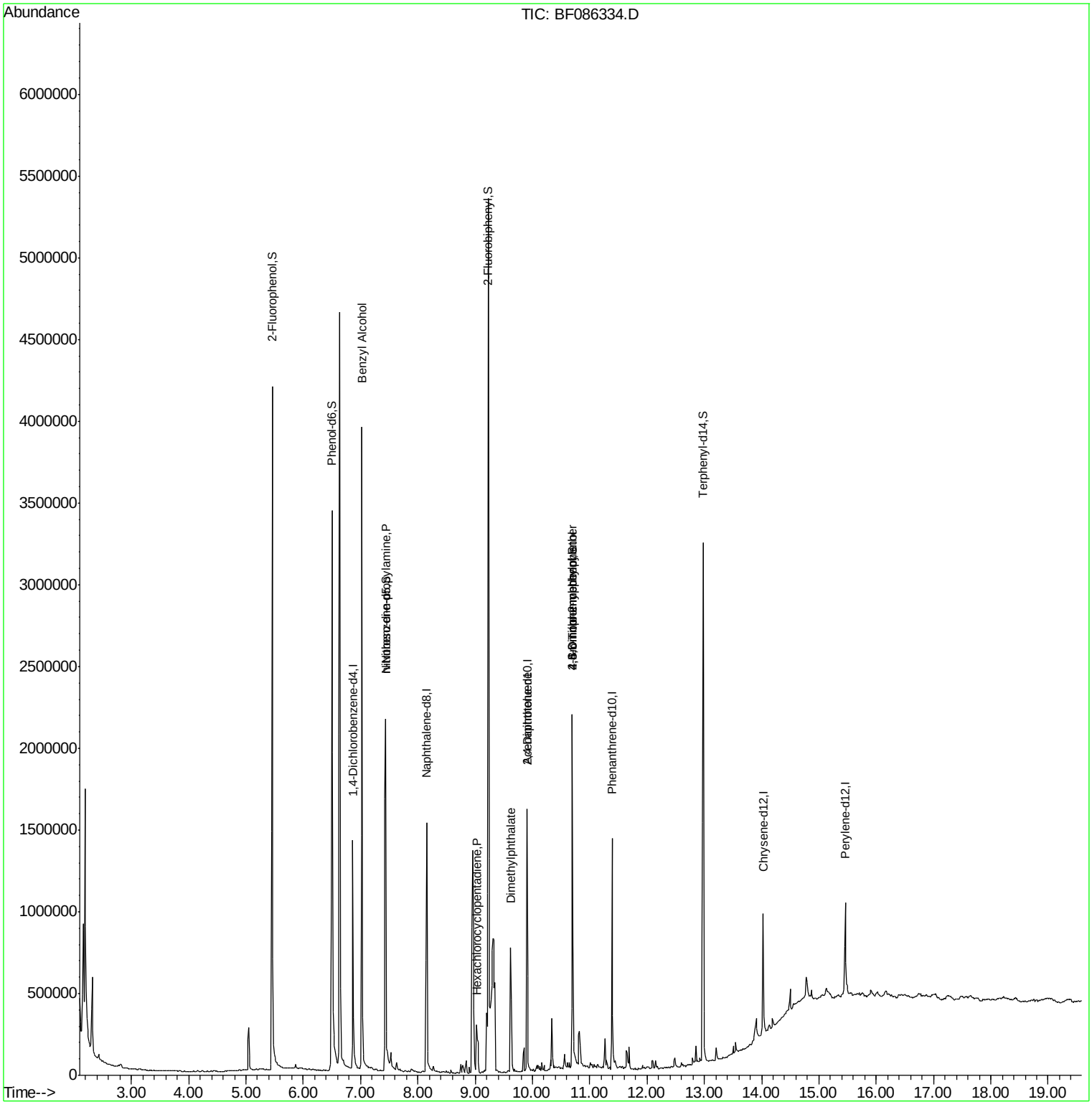
(#) = qualifier out of range (m) = manual integration (+) = signals summed

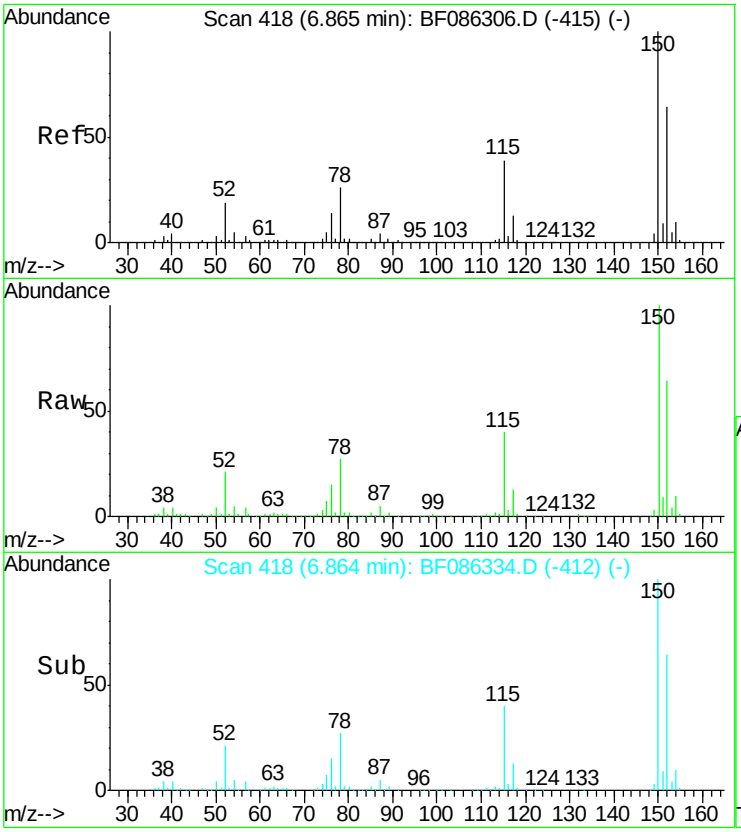
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086334.D
Acq On : 21 Apr 2016 3:24
Operator : UM/SJ
Sample : H2569-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LCF-B2

Quant Time: Apr 21 05:15:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration



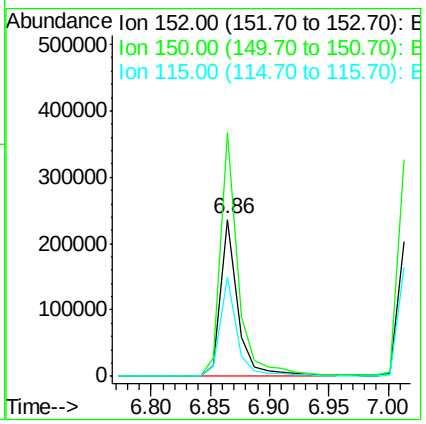


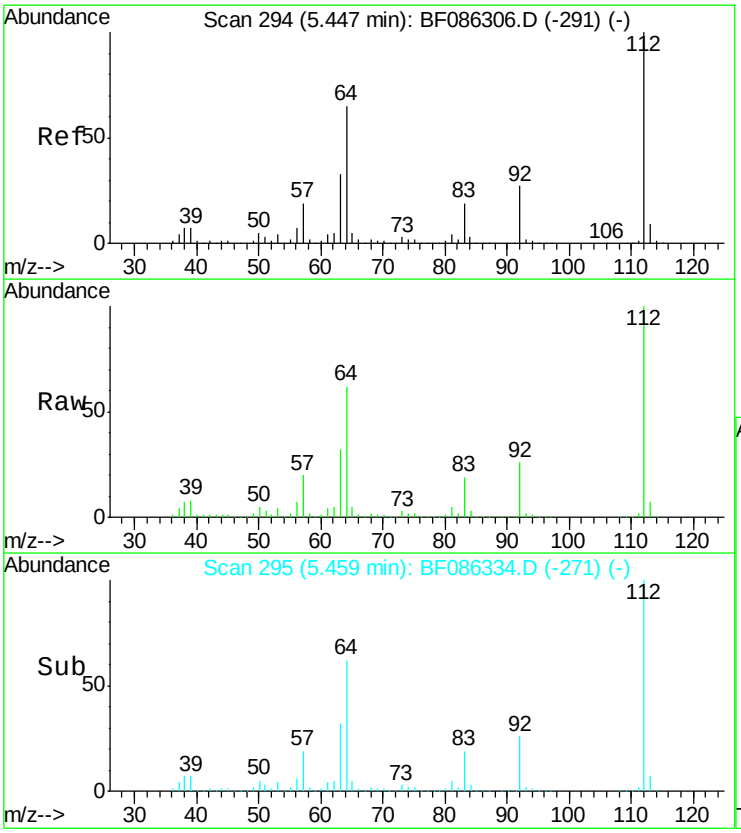
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion:152 Resp: 241776

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.1	186.1
115	62.7	43.9	65.9

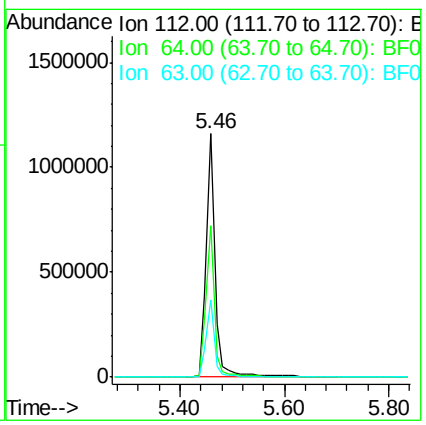


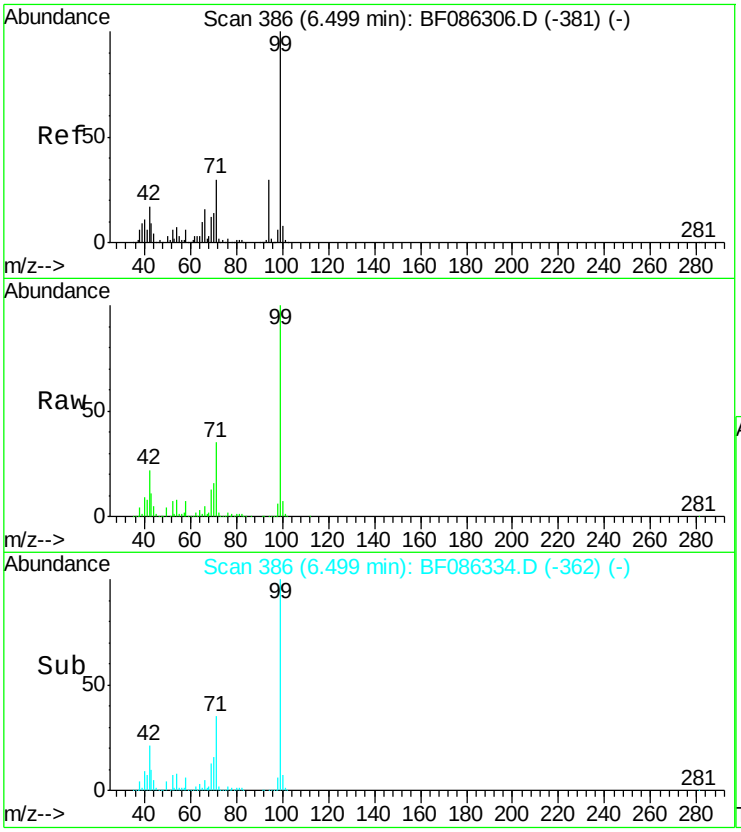


#5
2-Fluorophenol
Concen: 100.40 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion:112 Resp: 1391240

Ion	Ratio	Lower	Upper
112	100		
64	62.0	48.1	72.1
63	31.8	25.5	38.3



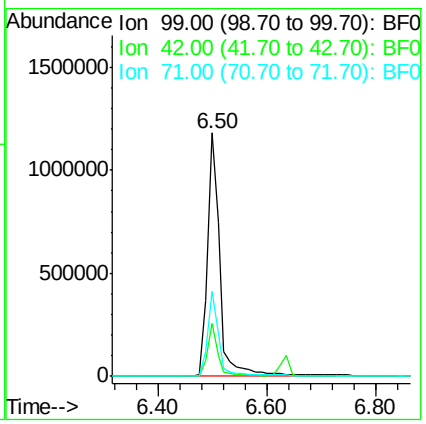


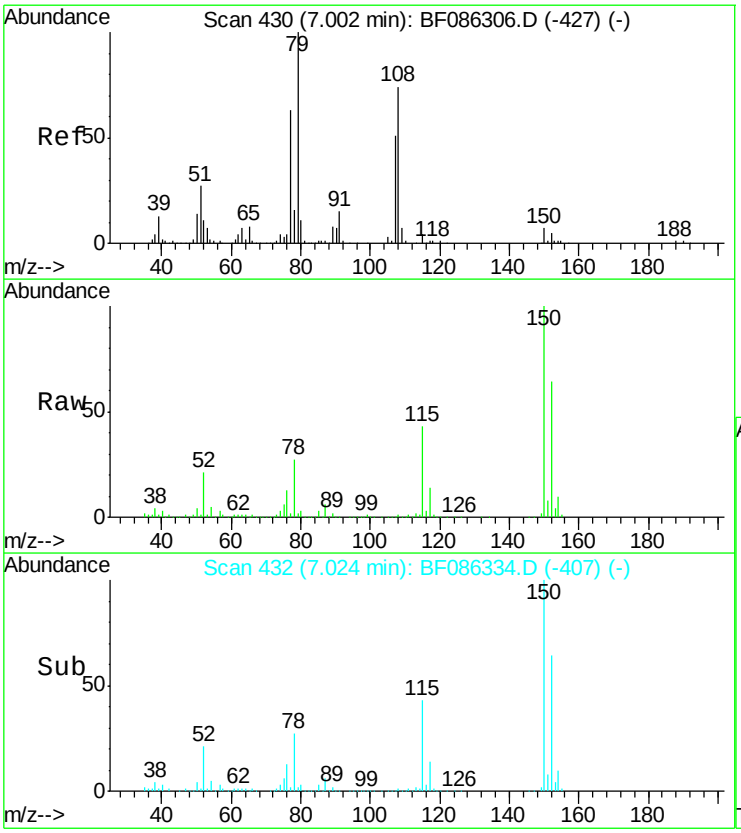
#7
Phenol-d6
Concen: 104.42 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion: 99 Resp: 1893480

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.4	23.2
71	34.8	25.6	38.4

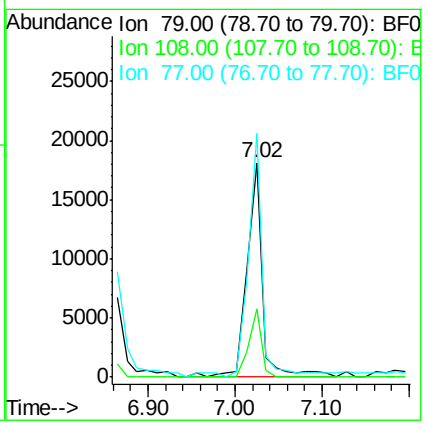


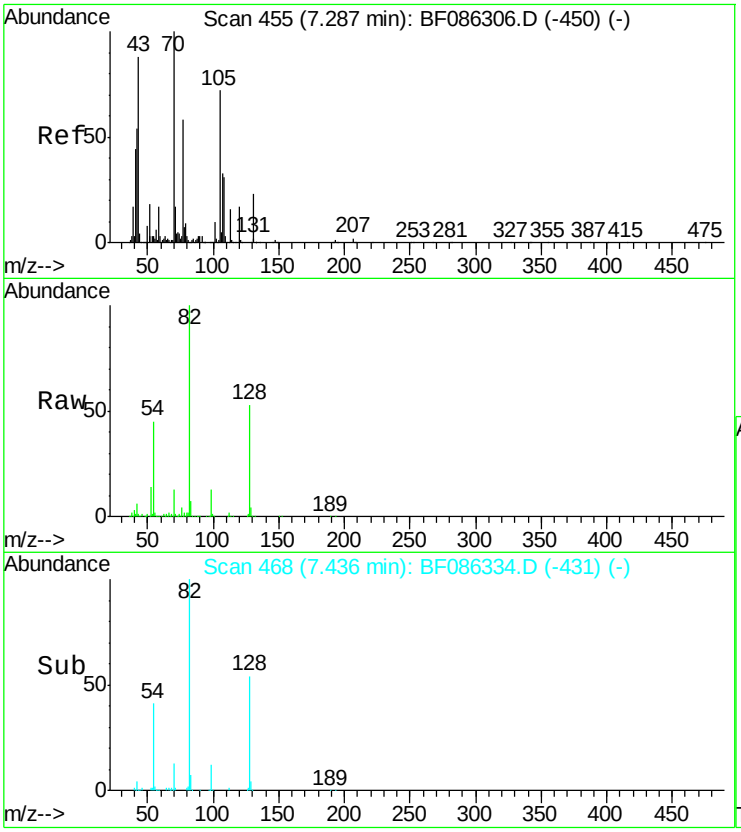


#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion: 79 Resp: 22644

Ion	Ratio	Lower	Upper
79	100		
108	32.0	64.8	97.2#
77	113.6	51.9	77.9#



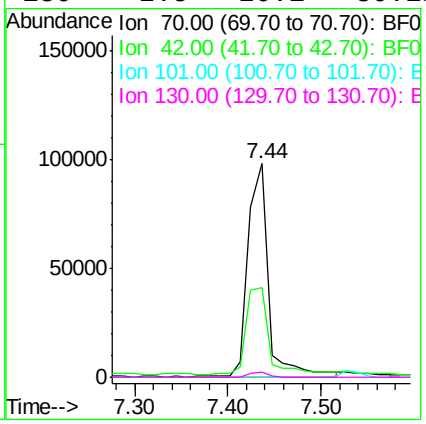


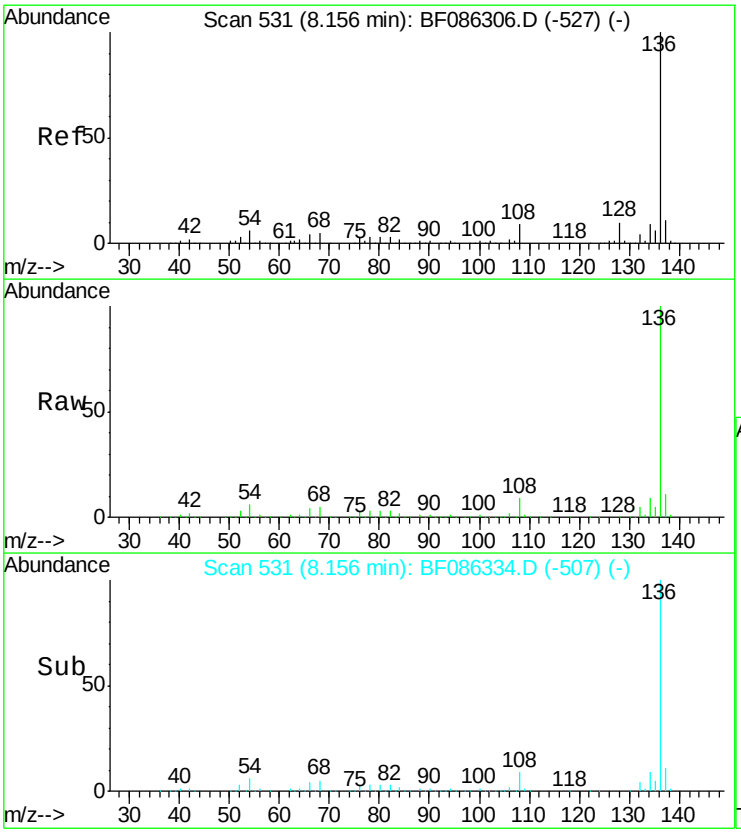
#19
n-Nitroso-di-n-propylamine
Concen: 13.60 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion: 70 Resp: 149351

Ion	Ratio	Lower	Upper
70	100		
42	42.2	43.0	64.4#
101	0.0	8.1	12.1#
130	2.5	20.1	30.1#

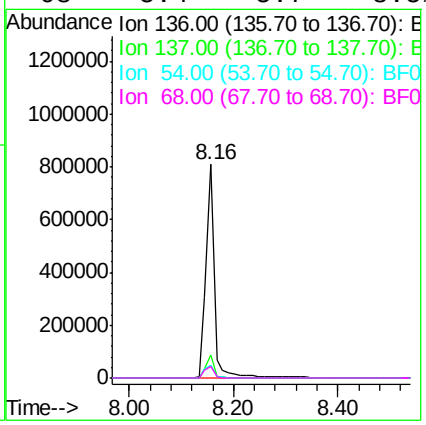


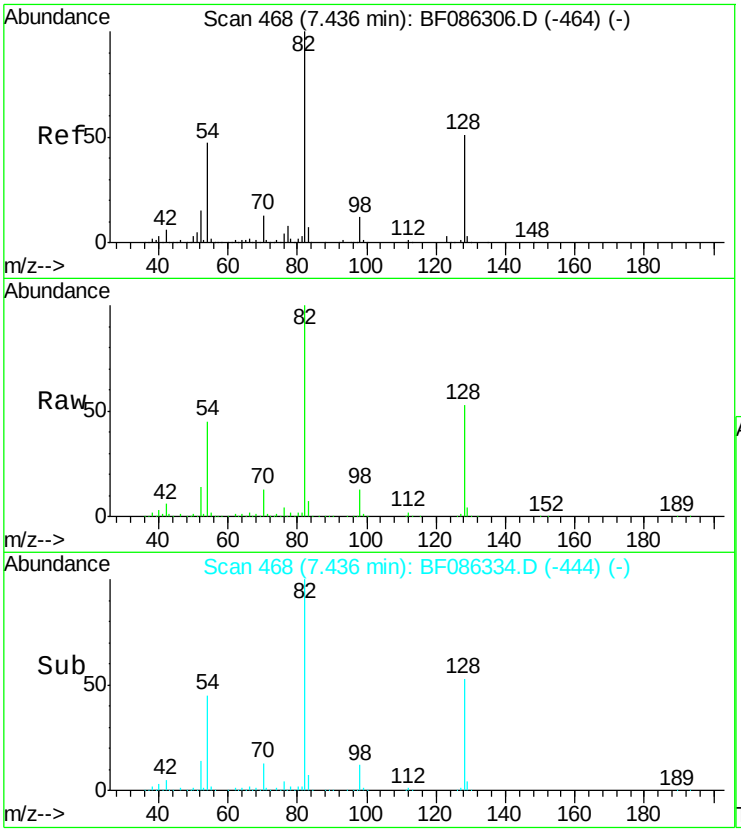


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion:136 Resp: 908949

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.3	7.3	10.9#
68	5.4	5.7	8.5#



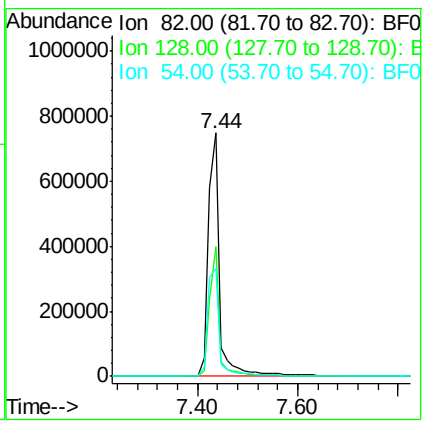


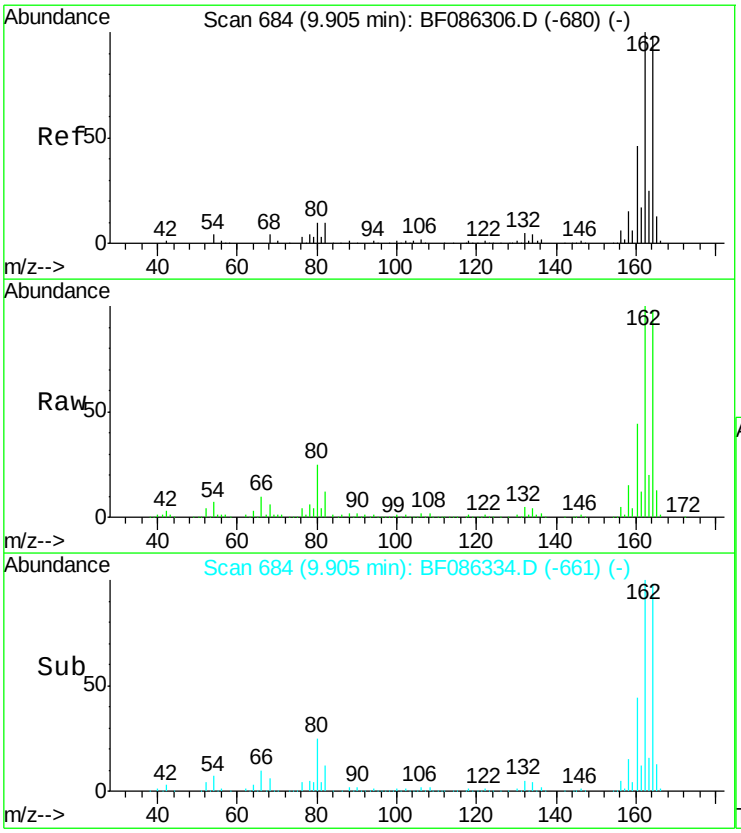
#23
Nitrobenzene-d5
Concen: 73.32 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion: 82 Resp: 1163670

Ion	Ratio	Lower	Upper
82	100		
128	53.5	35.4	53.2#
54	44.6	43.4	65.0

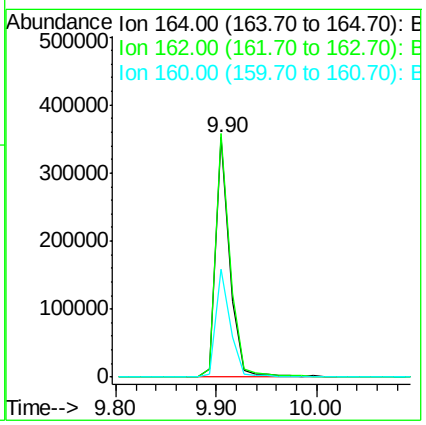


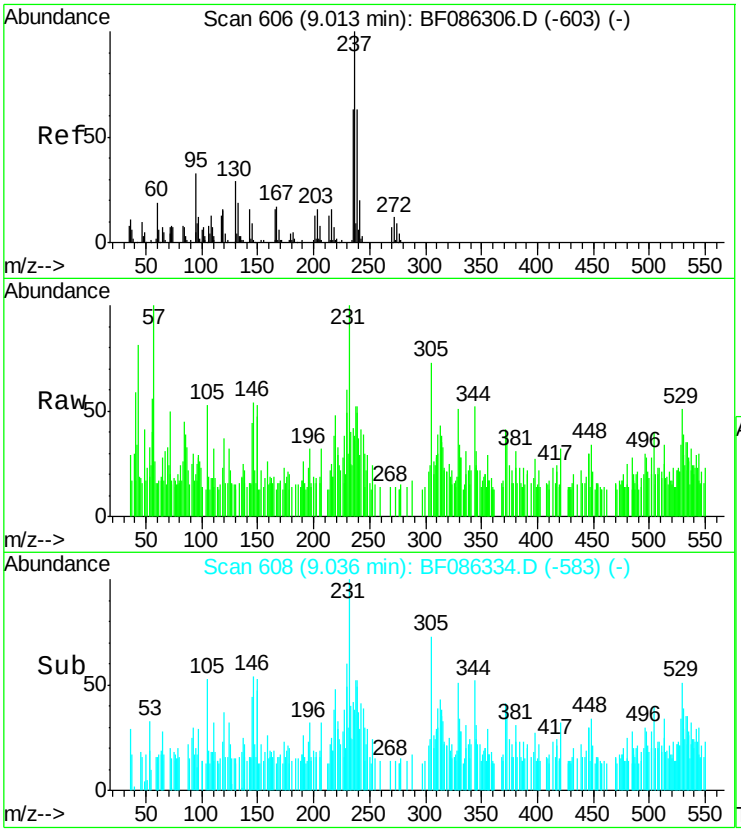


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion:164 Resp: 344817

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	44.8	38.9	58.3



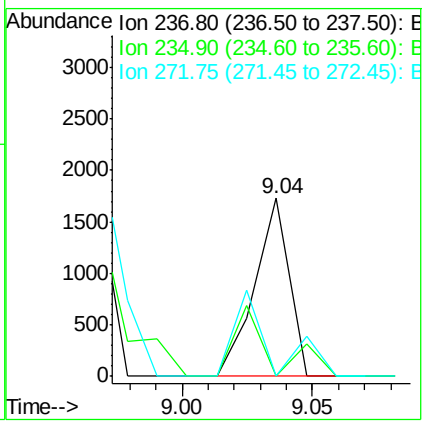


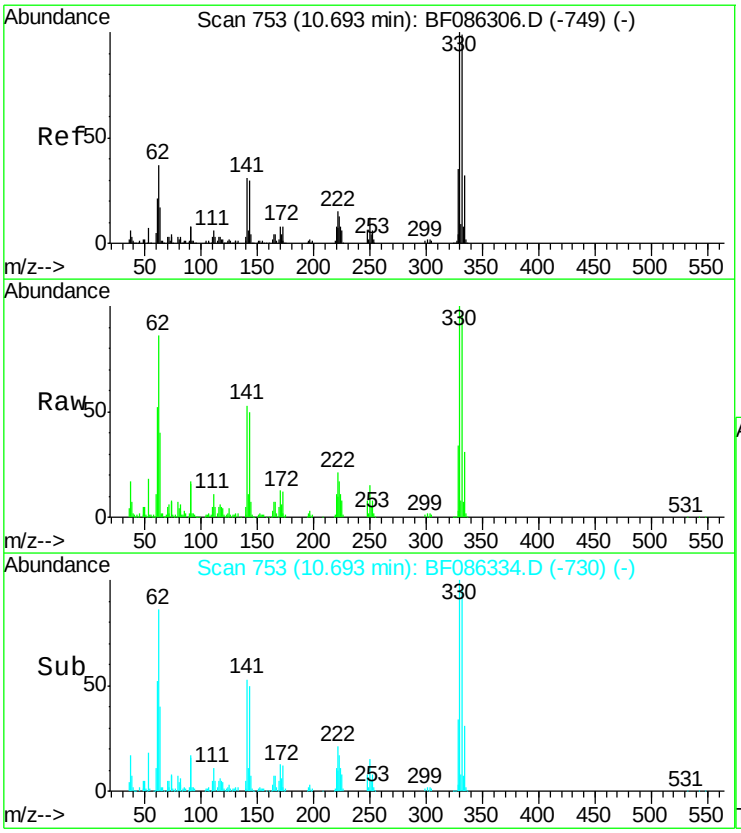
#40
Hexachlorocyclopentadiene
Concen: 2.59 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion:237 Resp: 1568

Ion	Ratio	Lower	Upper
237	100		
235	0.0	44.0	84.0#
272	0.0	0.0	32.4

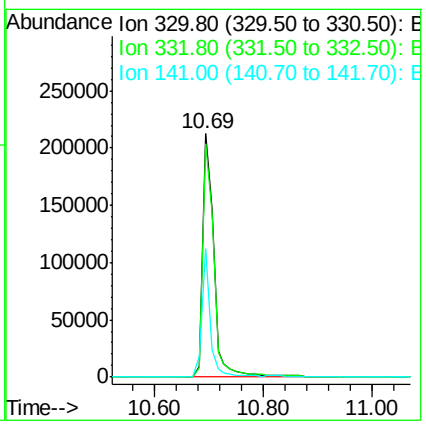


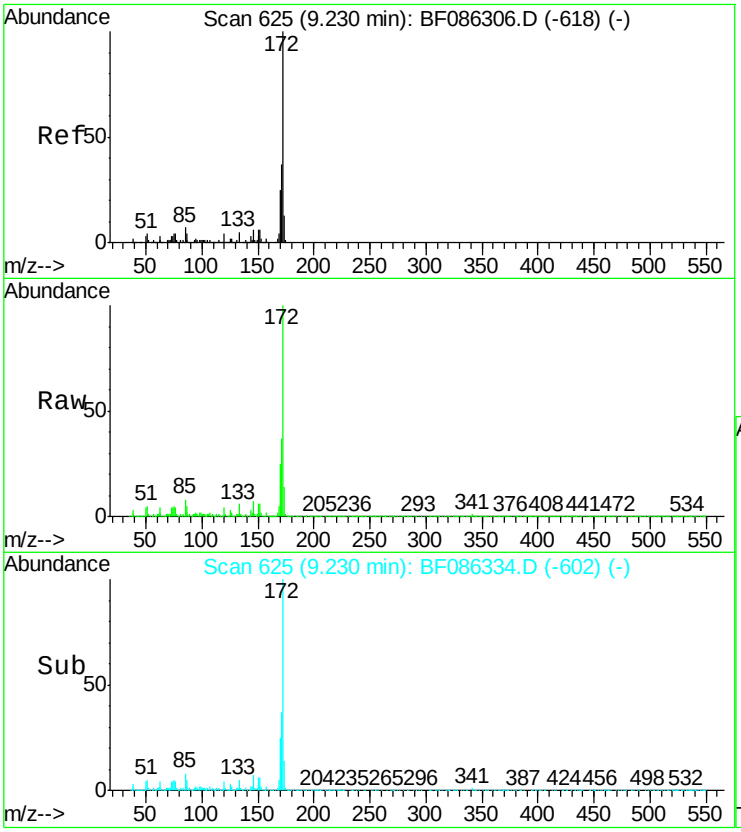


#41
2,4,6-Tribromophenol
Concen: 111.18 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion:330 Resp: 298797

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.7	118.1
141	40.5	28.6	42.8



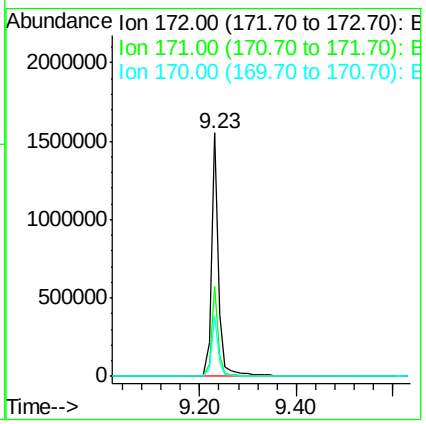


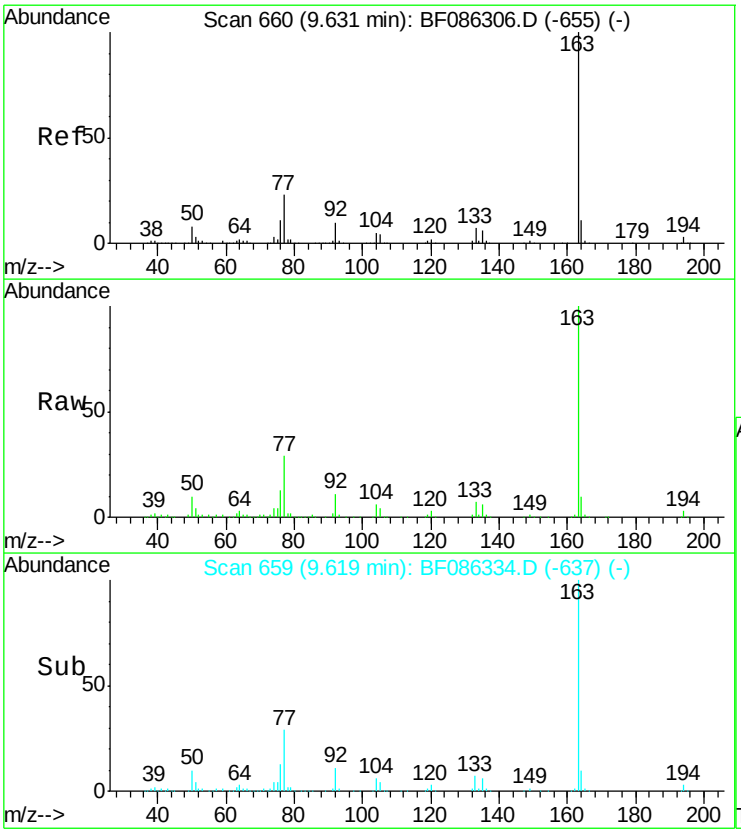
#44
2-Fluorobiphenyl
Concen: 92.93 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion:172 Resp: 1642240

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.1	43.7
170	25.0	19.9	29.9

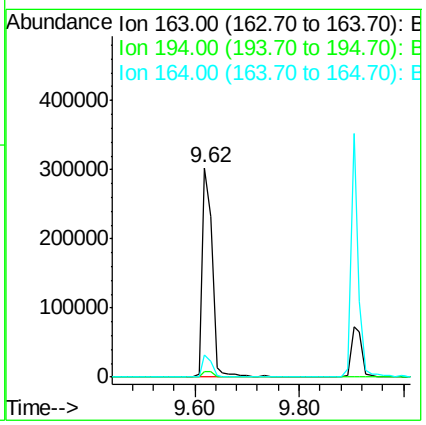


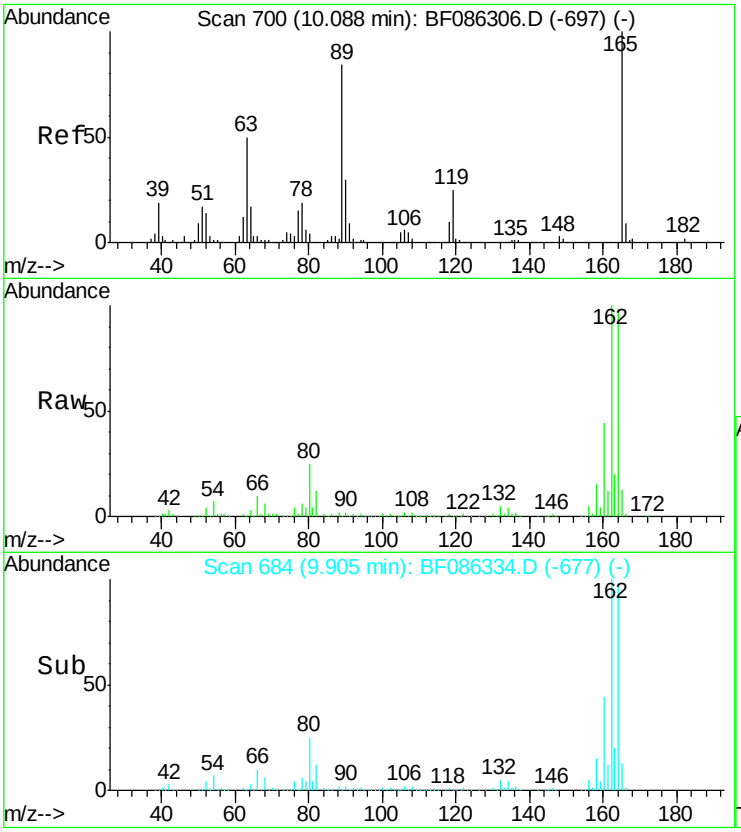


#49
Dimethylphthalate
Concen: 15.44 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion:163 Resp: 405357

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.4	8.4	12.6



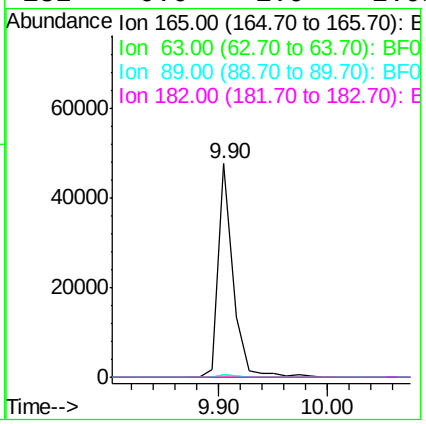


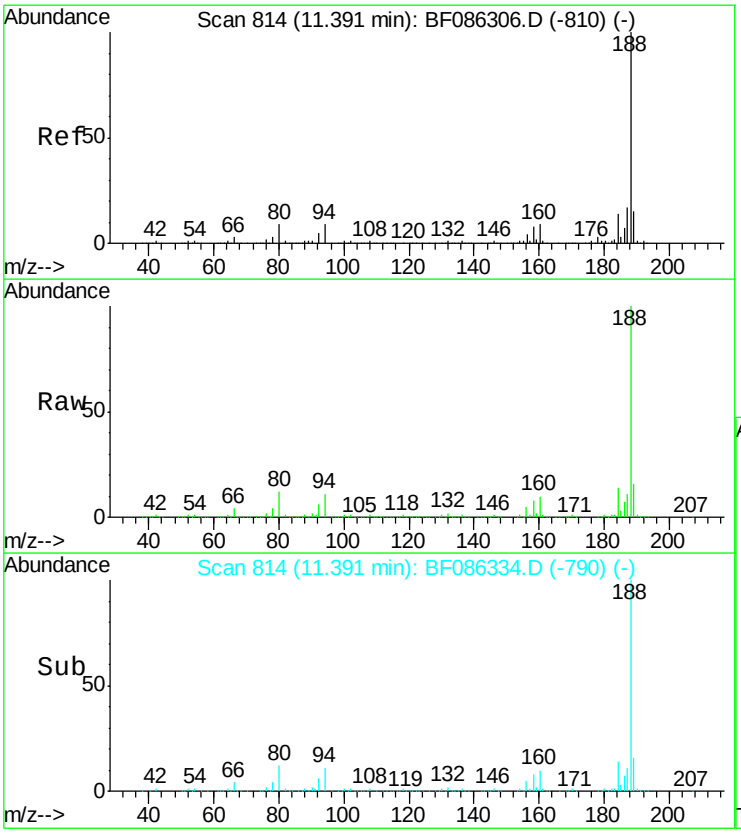
#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion:165 Resp: 45978

Ion	Ratio	Lower	Upper
165	100		
63	1.4	26.6	40.0#
89	1.3	49.5	74.3#
182	0.0	1.9	2.9#

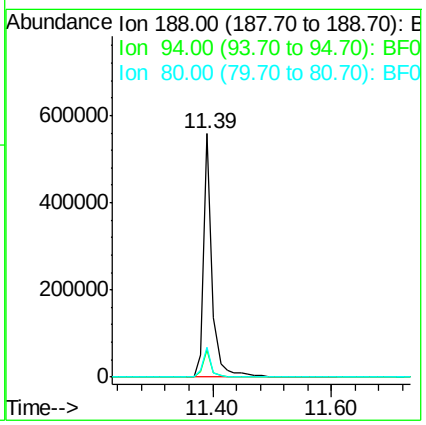


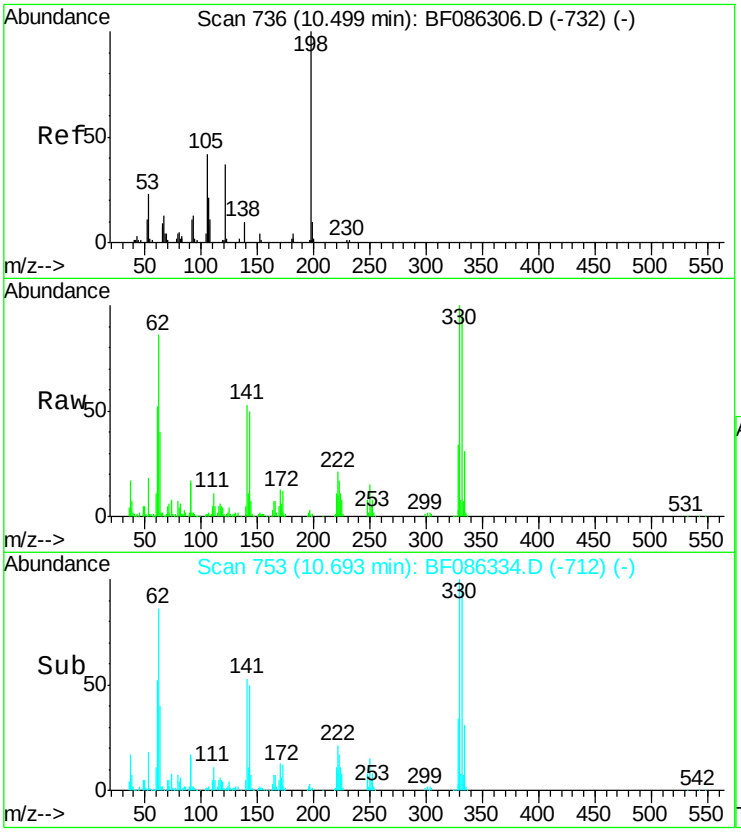


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion:188 Resp: 573259

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.8	14.8
80	12.2	10.5	15.7



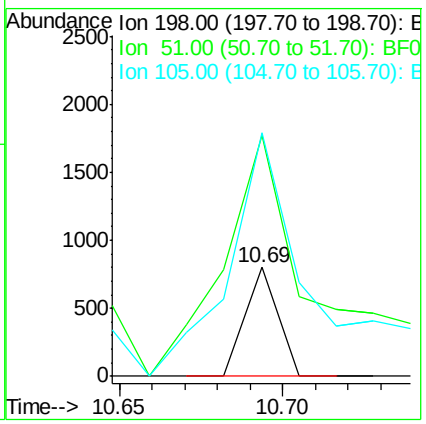


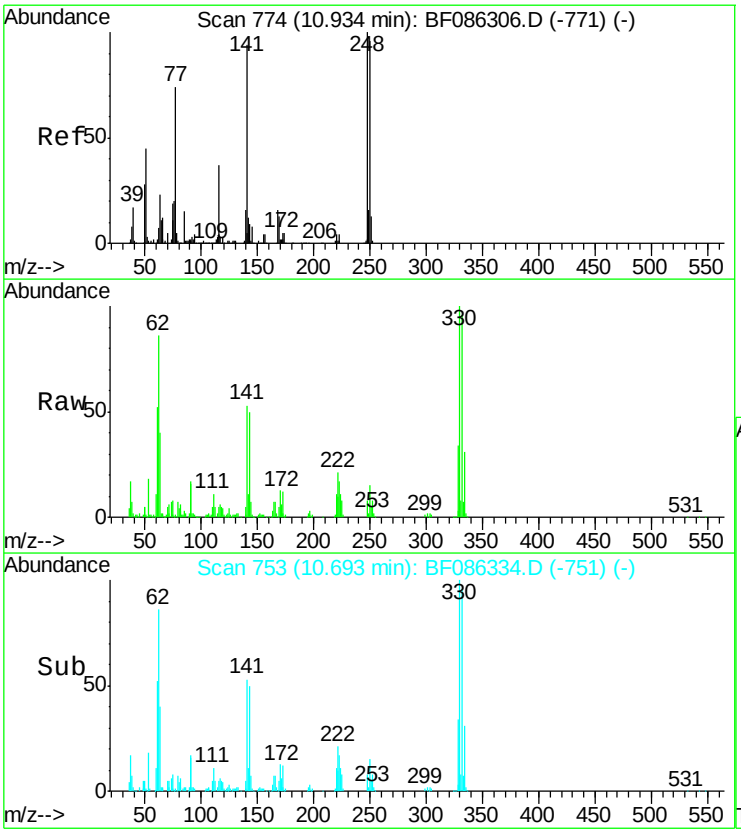
#64
4,6-Dinitro-2-methylphenol
Concen: 6.32 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.17 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion:198 Resp: 549

Ion	Ratio	Lower	Upper
198	100		
51	221.6	56.5	96.5#
105	223.6	48.0	88.0#

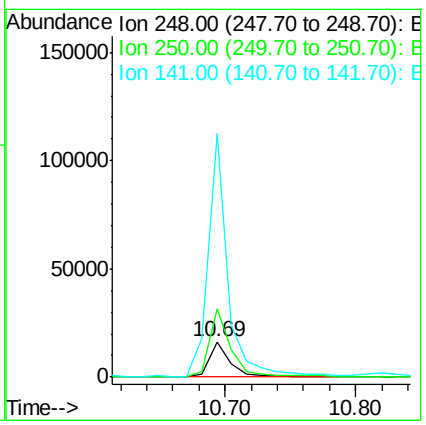


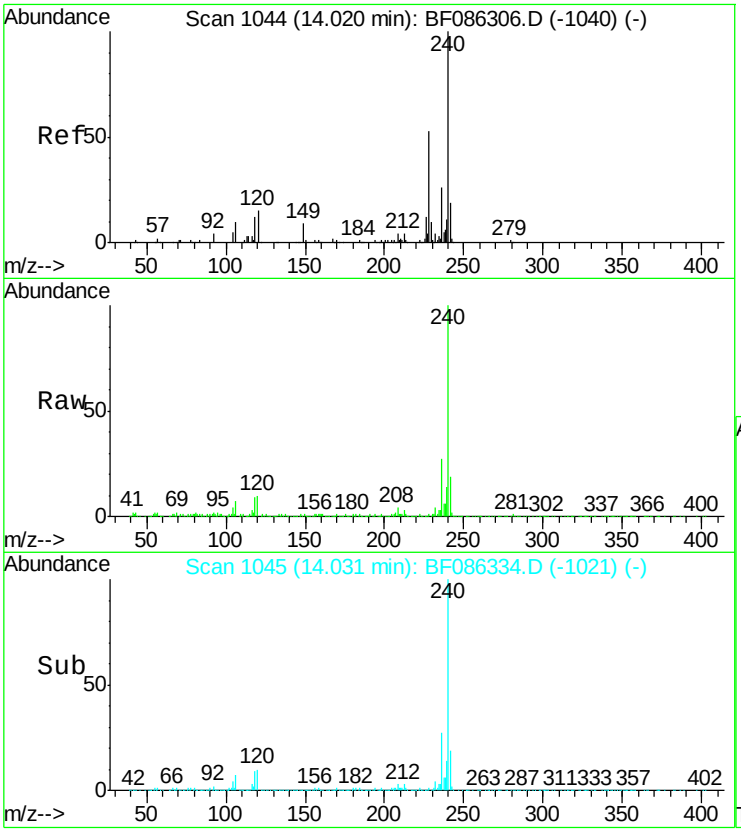


#66
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.27 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion:248 Resp: 18553

Ion	Ratio	Lower	Upper
248	100		
250	193.9	78.6	118.0#
141	692.7	57.9	86.9#



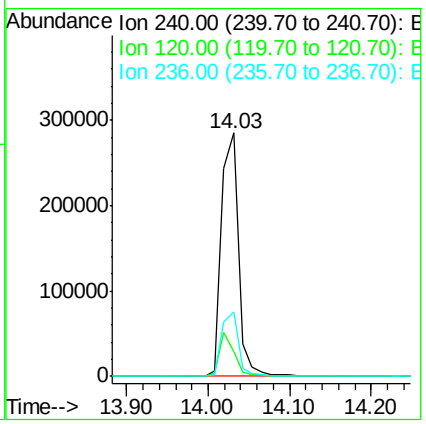


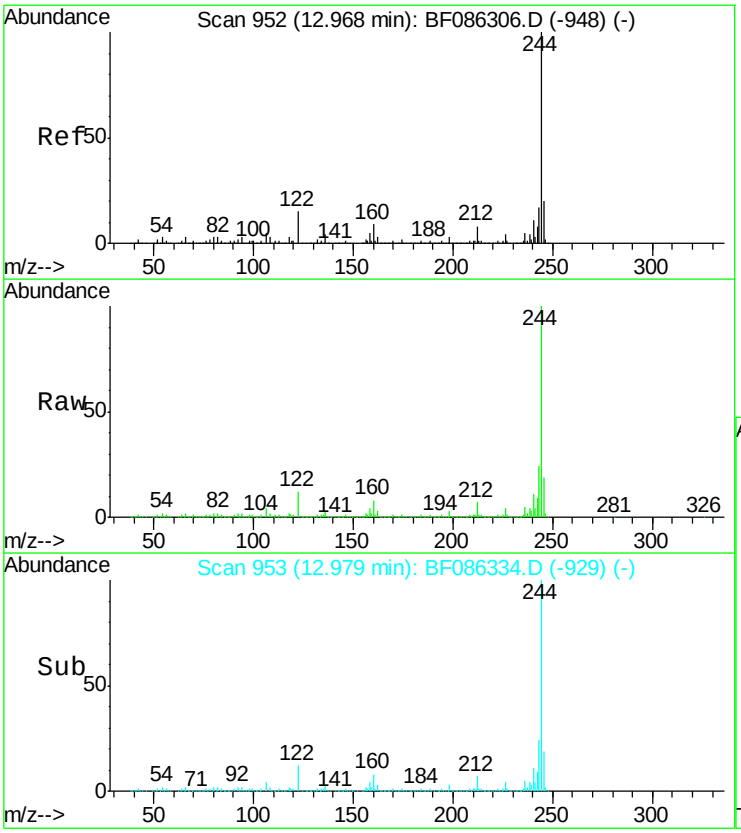
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion:240 Resp: 406430

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.3	13.9
236	26.6	21.1	31.7

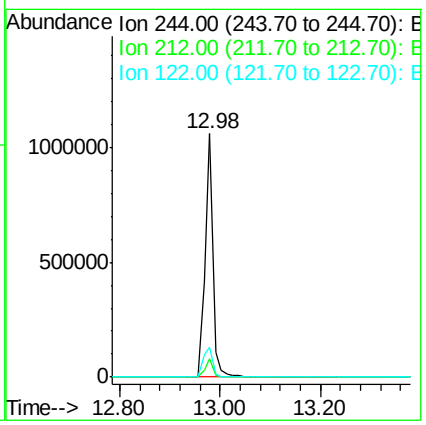


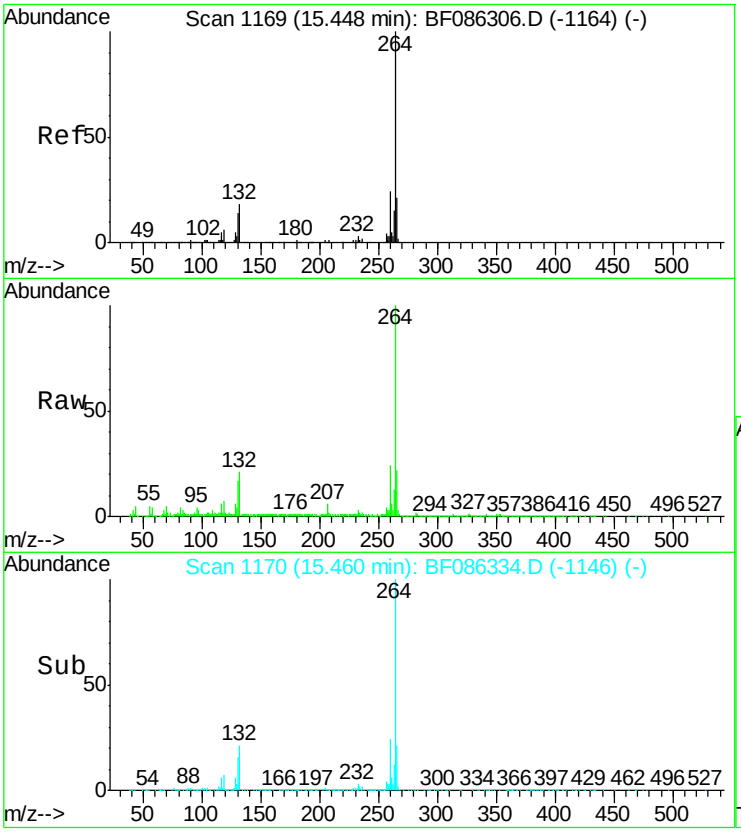


#78
Terphenyl-d14
Concen: 66.42 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion:244 Resp: 1134101

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	12.0	11.7	17.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion:264 Resp: 281985

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	21.6	17.4	26.0