Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089370.D
Acq On : 28 Jul 2016 18:50
Operator : UM/SJ
Sample : H4242-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-1

Quant Time: Jul 29 01:16:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	47026	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	195131	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	100512	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	186832	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	121385	20.00	ng	-0.02
86) Perylene-d12	14.98	264	88879	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	212478	72.14	ng	-0.01
7) Phenol-d6	6.18	99	179714	46.17	ng	-0.02
23) Nitrobenzene-d5	7.10	82	330384	99.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	106512	127.95	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	616133	89.96	ng	-0.02
78) Terphenyl-d14	12.62	244	518493	99.97	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.68	88	64454	49.10	ng	# 26
15) Benzyl Alcohol	6.67	79	5222	2.16	ng	# 63
19) n-Nitroso-di-n-propylamine	7.10	70	43246	18.43	ng	# 82
35) Caprolactam	8.24	113	23752	32.23	ng	97
49) Dimethylphthalate	9.29	163	19343	2.53	ng	97
50) 2,6-Dinitrotoluene	9.55	165	12284	7.82	ng	# 25
56) 2,4-Dinitrotoluene	9.55	165	12284	5.94	ng	# 8
64) 4,6-Dinitro-2-methylphenol	10.34	198	269	4.55	ng	# 1
66) 4-Bromophenyl-phenylether	10.34	248	8339	4.67	ng	# 1

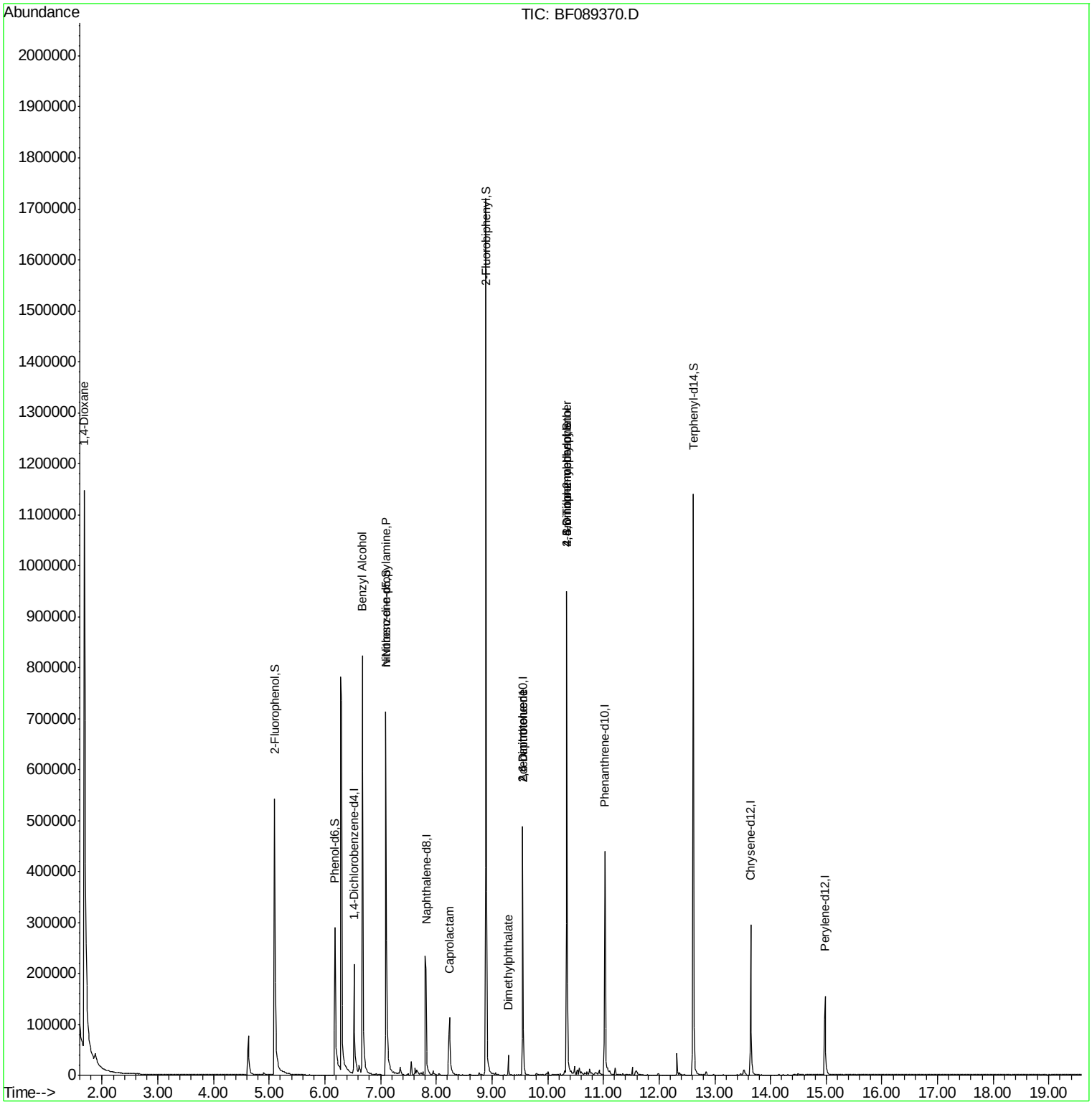
(#) = qualifier out of range (m) = manual integration (+) = signals summed

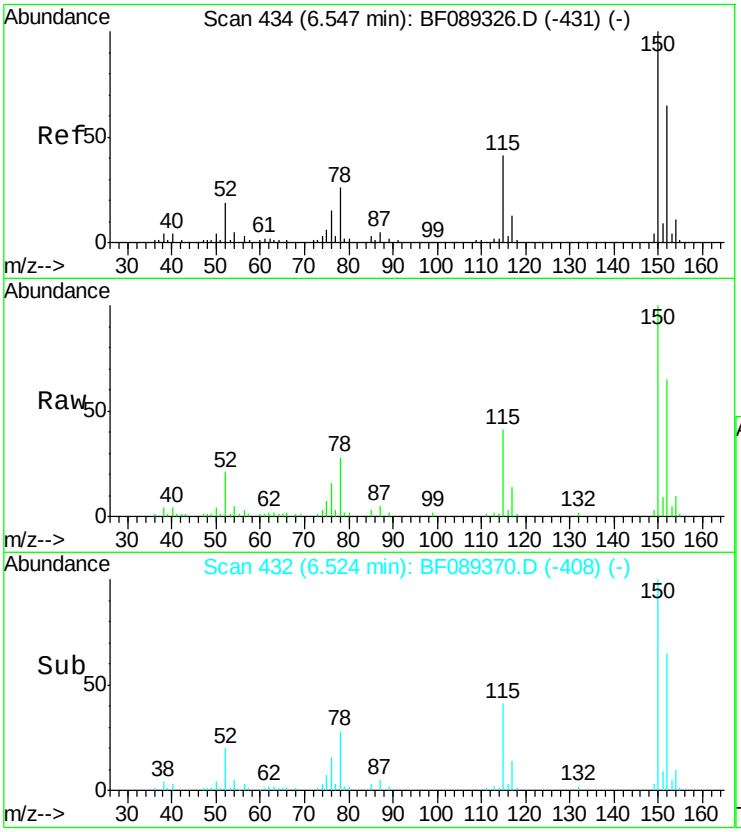
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089370.D
Acq On : 28 Jul 2016 18:50
Operator : UM/SJ
Sample : H4242-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-1

Quant Time: Jul 29 01:16:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration



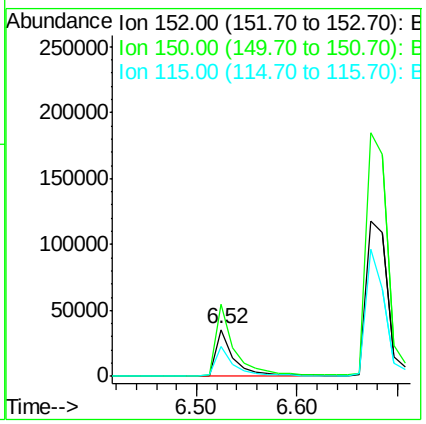


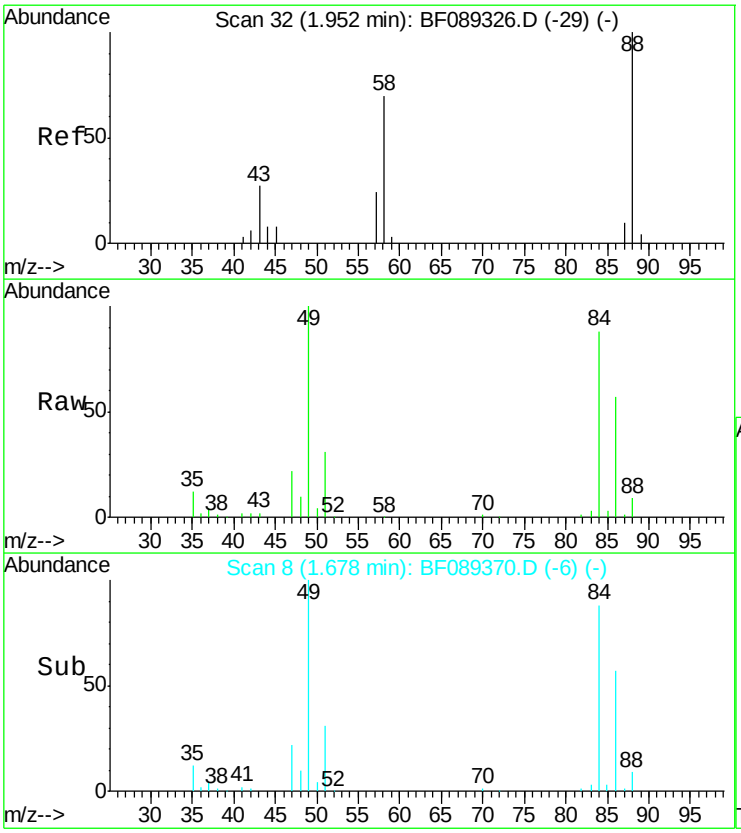
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:152 Resp: 47026

Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.5	194.3
115	63.4	51.4	77.2

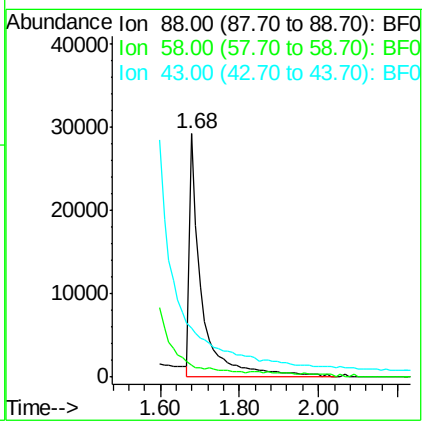


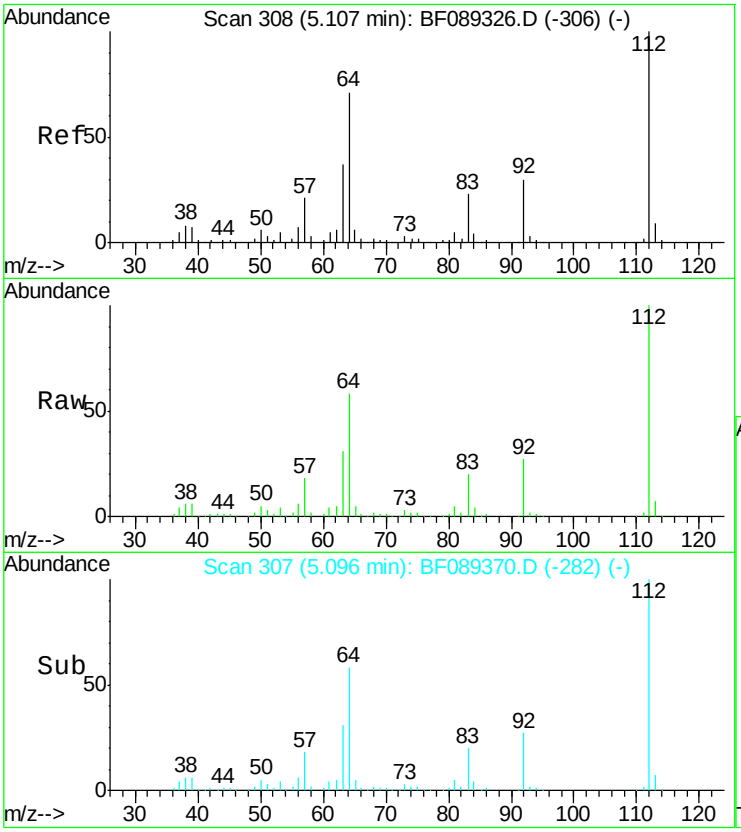


#2
1,4-Dioxane
Concen: 49.10 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.27 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion: 88 Resp: 64454

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.2	79.8#
43	0.0	20.6	31.0#



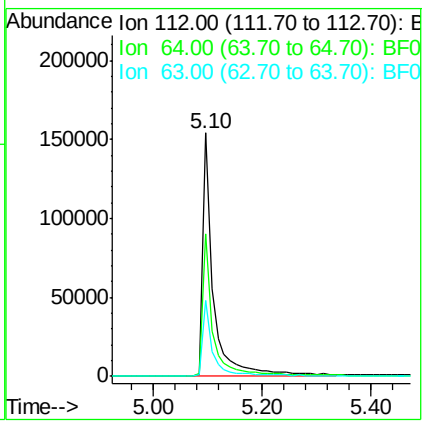


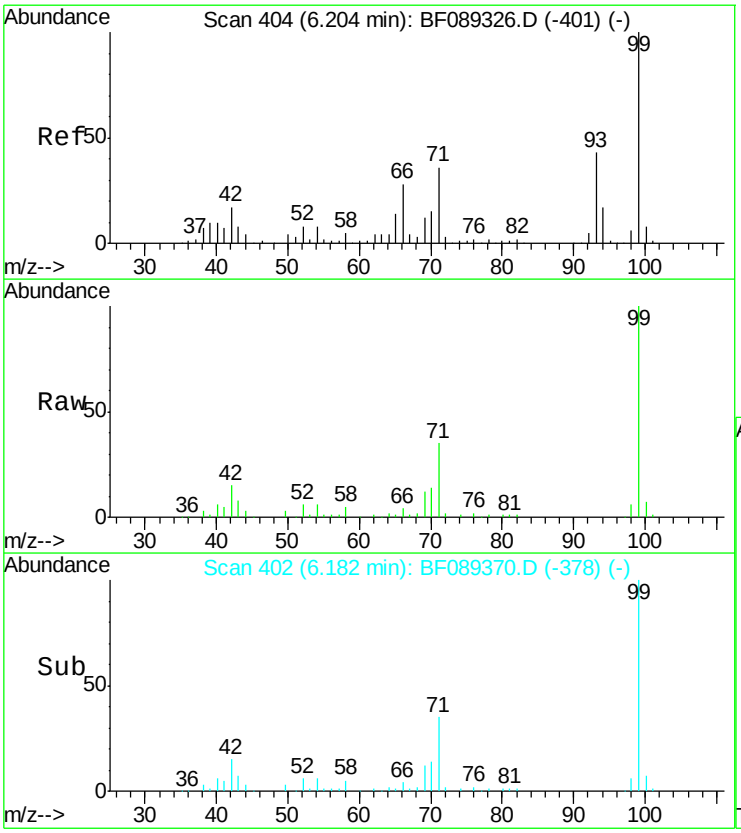
#5
2-Fluorophenol
Concen: 72.14 ng
RT: 5.10 min Scan# 307
Delta R.T. -0.01 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:112 Resp: 212478

Ion	Ratio	Lower	Upper
112	100		
64	58.4	55.0	82.6
63	31.1	29.4	44.2

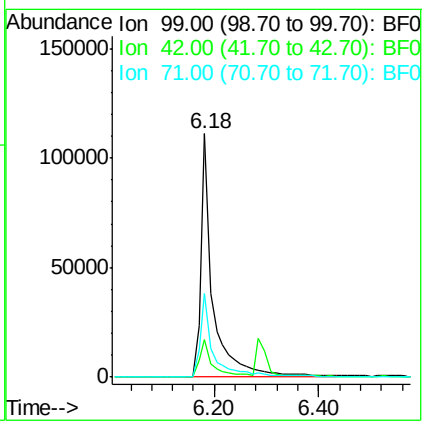


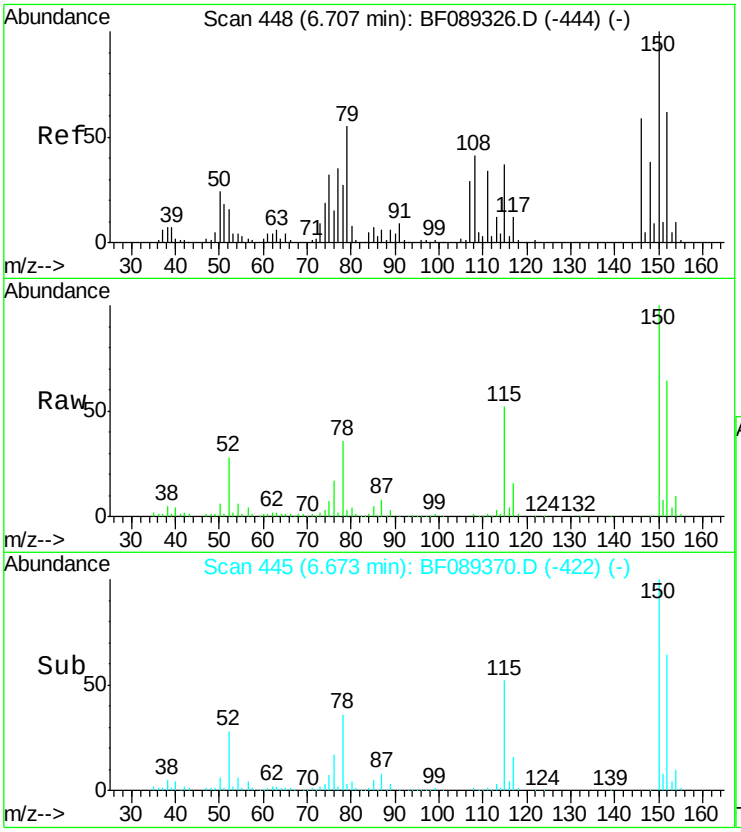


#7
Phenol-d6
Concen: 46.17 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion: 99 Resp: 179714

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.6	20.4
71	34.6	29.4	44.2



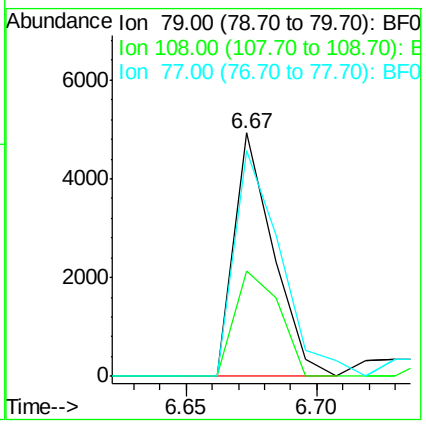


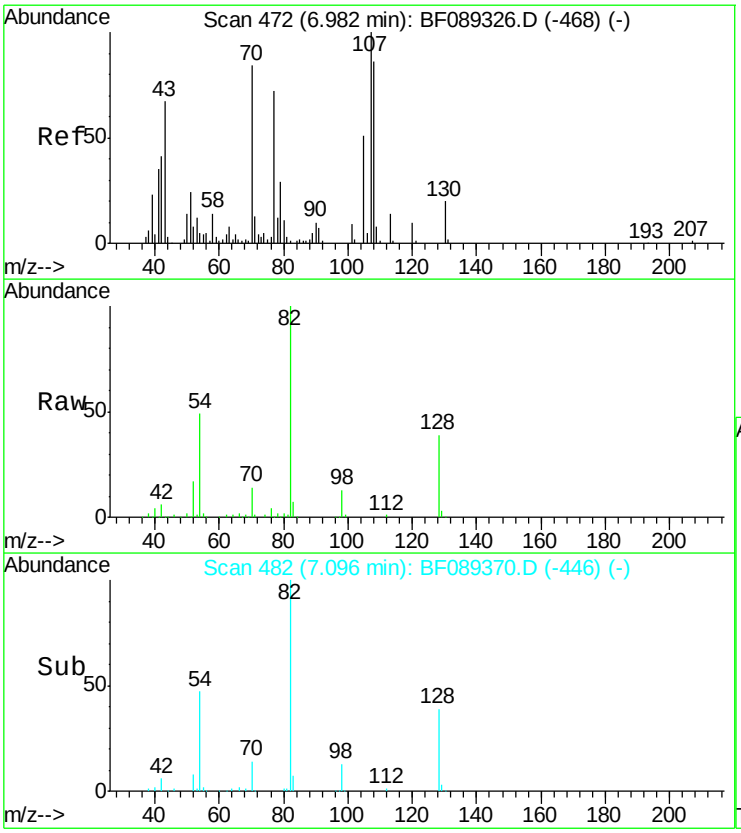
#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion: 79 Resp: 5222

Ion	Ratio	Lower	Upper
79	100		
108	43.2	59.8	89.6#
77	92.9	51.7	77.5#

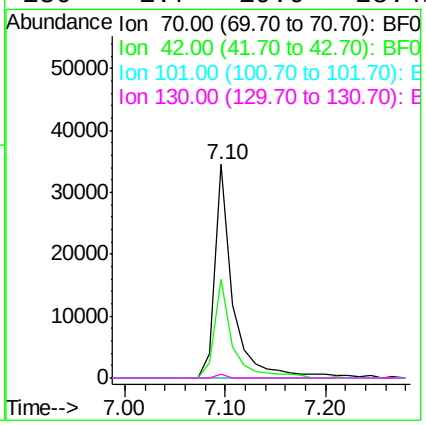


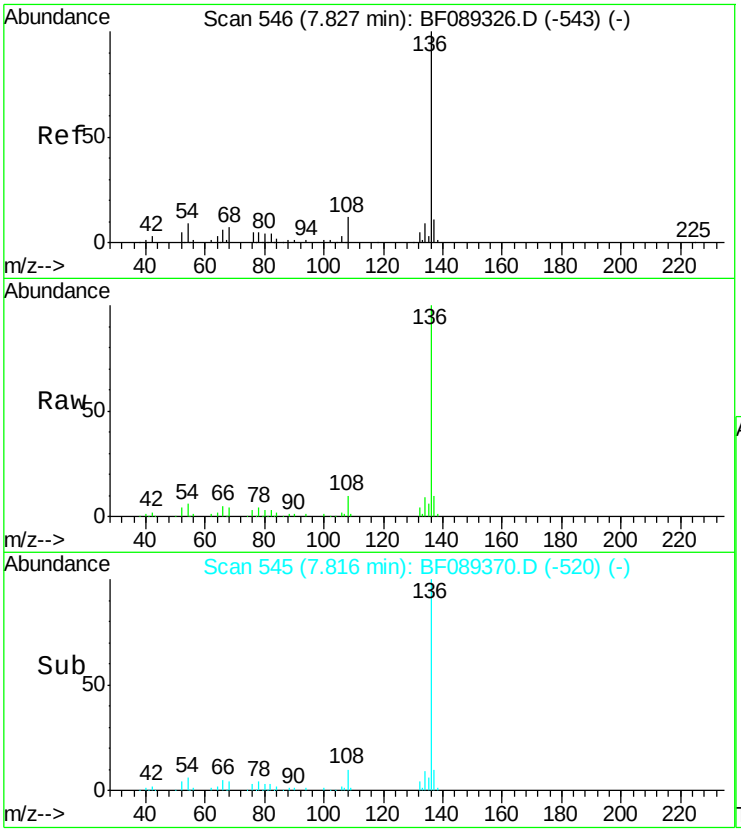


#19
n-Nitroso-di-n-propylamine
Concen: 18.43 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.11 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion: 70 Resp: 43246

Ion	Ratio	Lower	Upper
70	100		
42	46.2	38.6	57.8
101	0.0	8.3	12.5#
130	1.7	19.0	28.4#



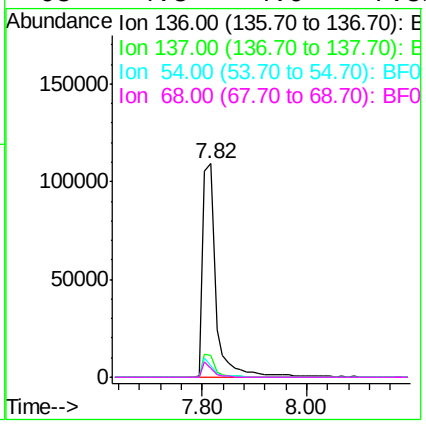


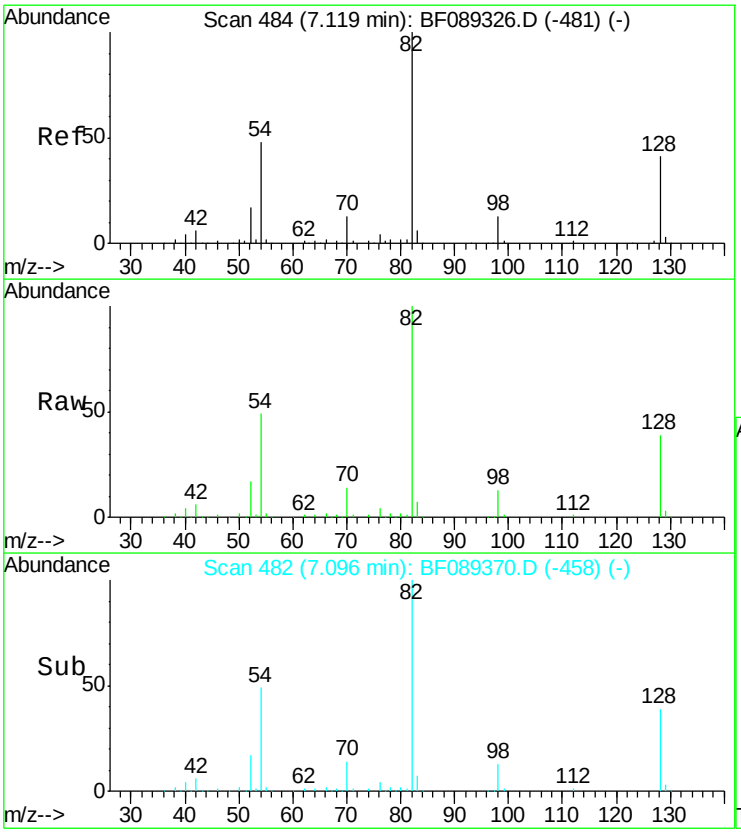
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:136 Resp: 195131

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	5.7	7.0	10.4#
68	4.3	4.9	7.3#

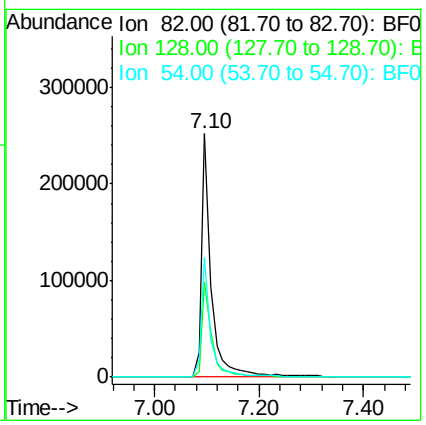


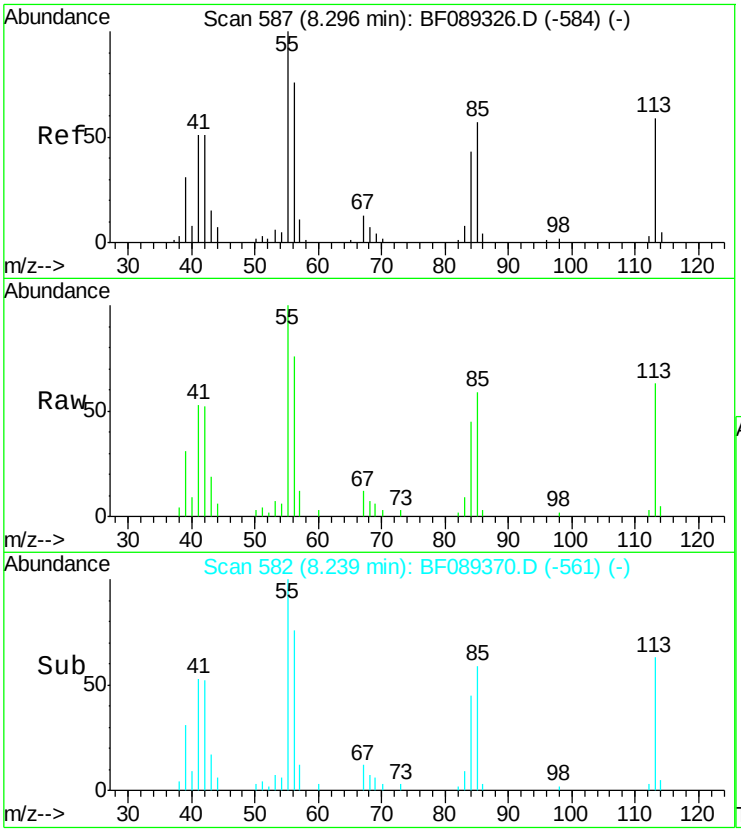


#23
Nitrobenzene-d5
Concen: 99.94 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion: 82 Resp: 330384

Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.5	48.7
54	48.9	38.8	58.2



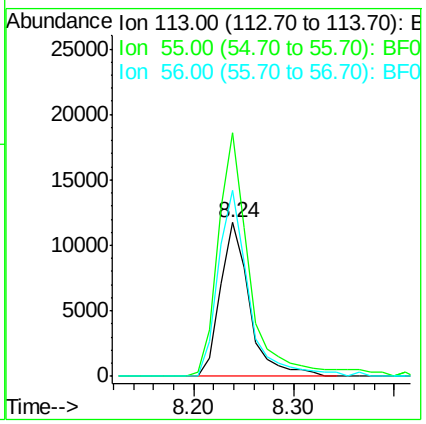


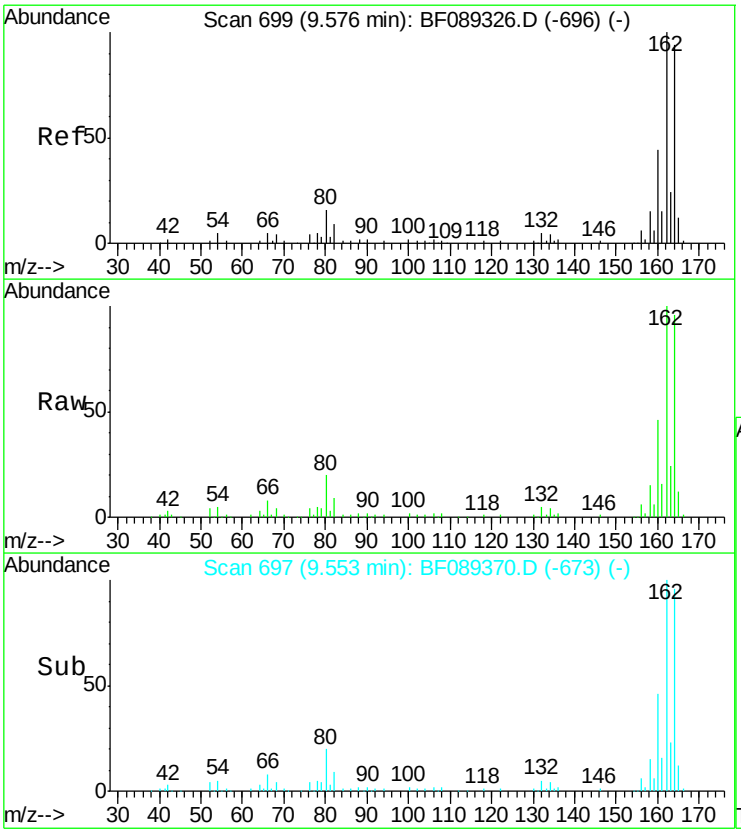
#35
Caprolactam
Concen: 32.23 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:113 Resp: 23752

Ion	Ratio	Lower	Upper
113	100		
55	158.7	142.3	182.3
56	121.2	105.8	145.8

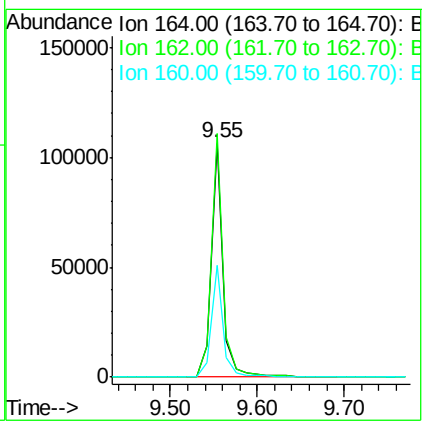


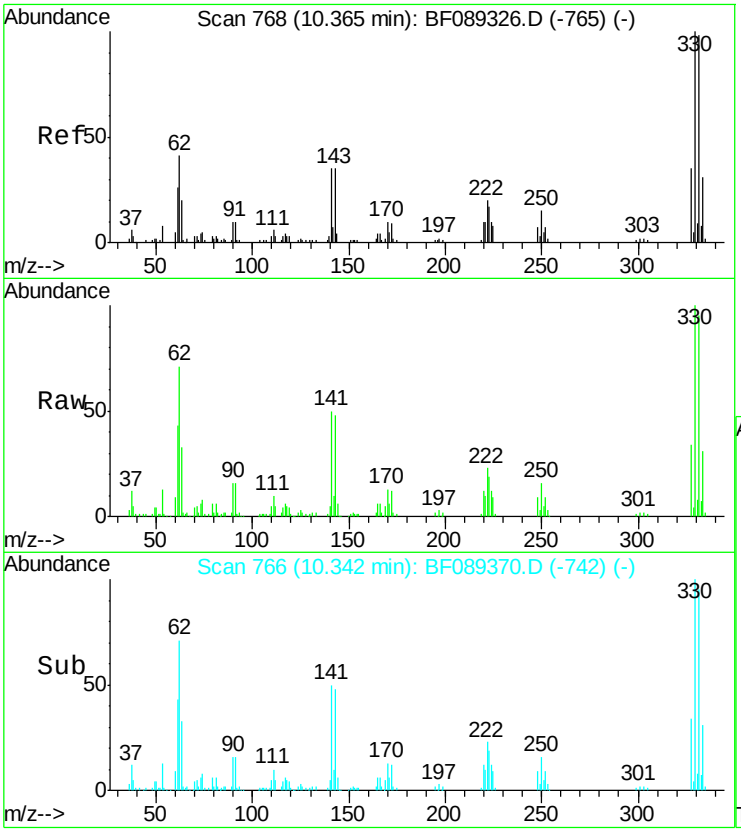


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion:164 Resp: 100512

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.7	125.5
160	48.0	37.8	56.6



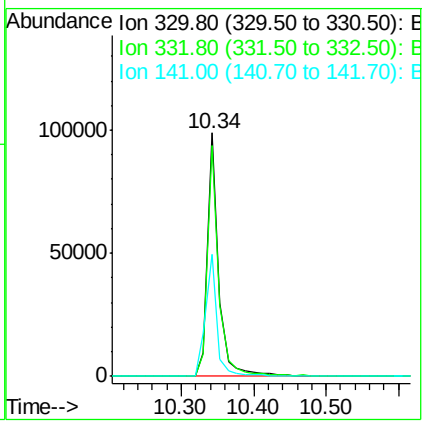


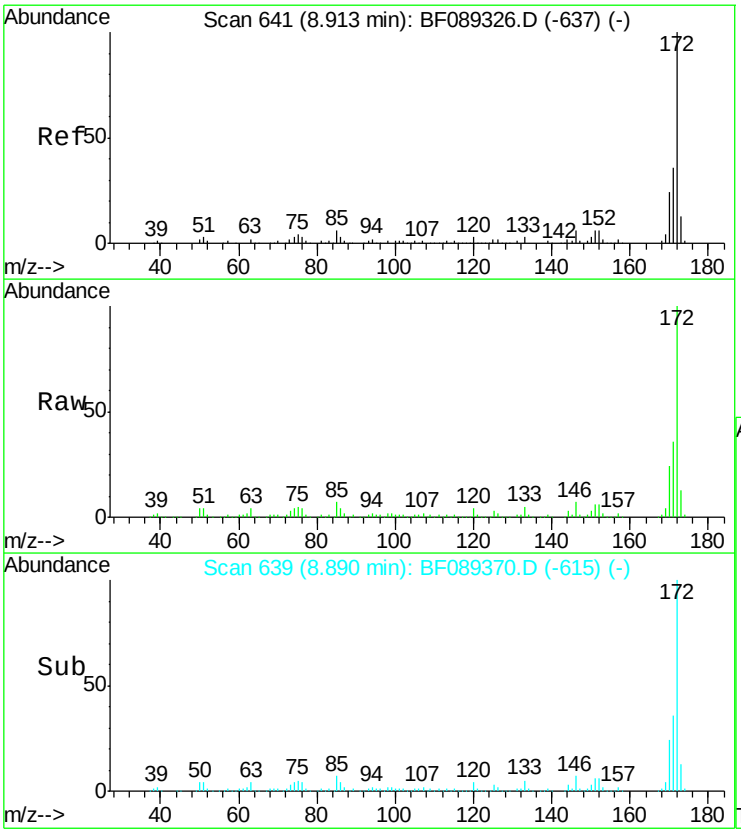
#41
2,4,6-Tribromophenol
Concen: 127.95 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:330 Resp: 106512

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	52.1	37.3	55.9

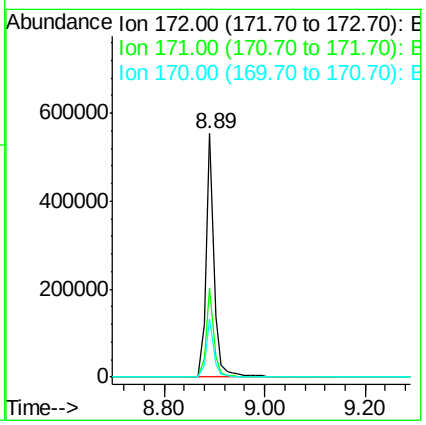


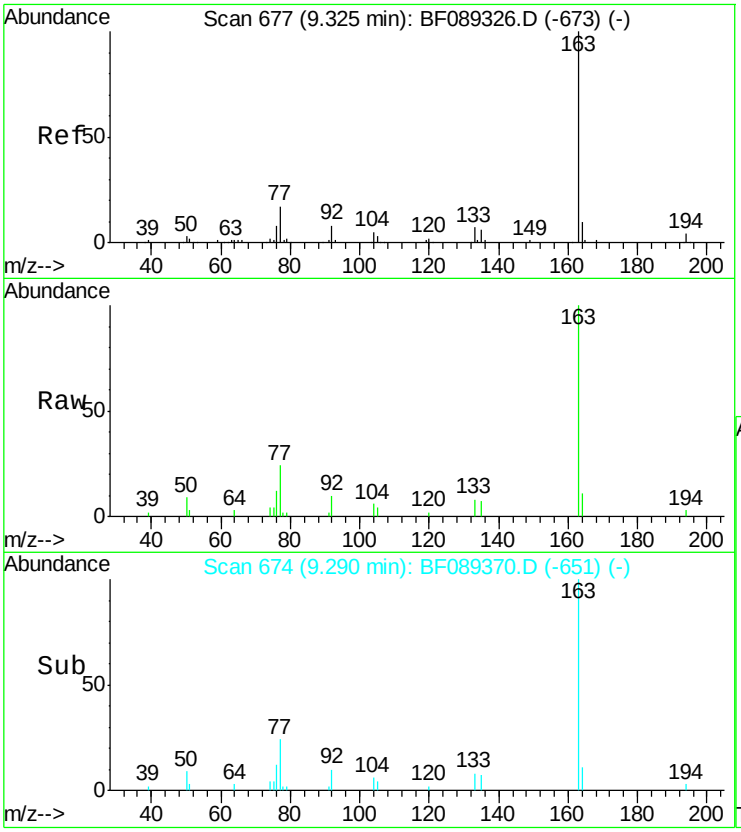


#44
2-Fluorobiphenyl
Concen: 89.96 ng
RT: 8.89 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion:172 Resp: 616133

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.8	19.2	28.8



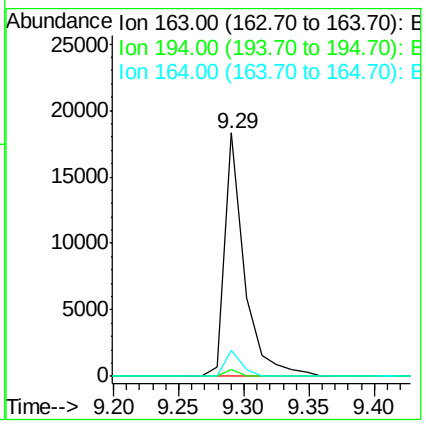


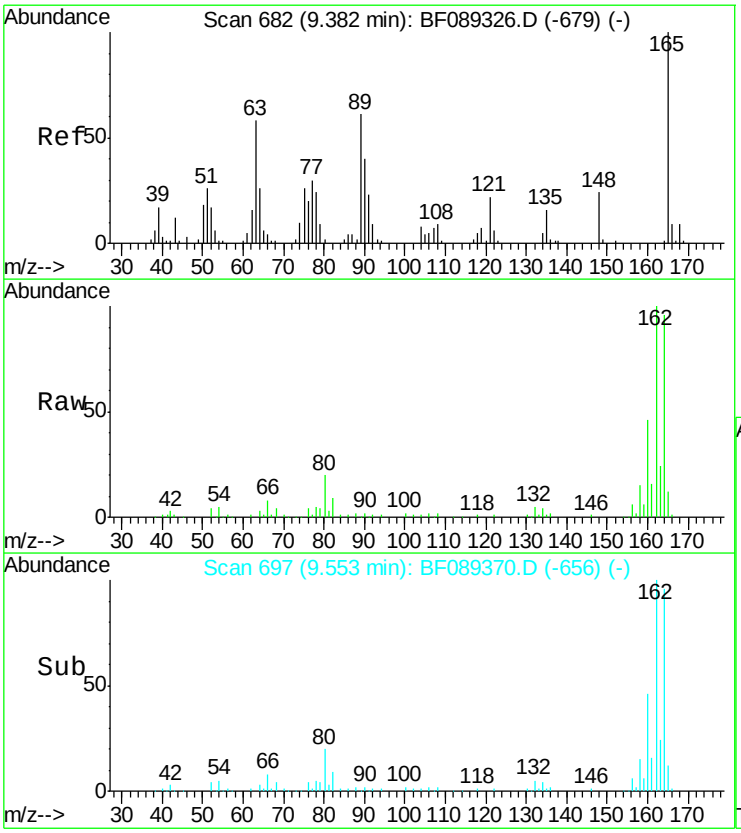
#49
Dimethylphthalate
Concen: 2.53 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:163 Resp: 19343

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.9	7.8	11.8

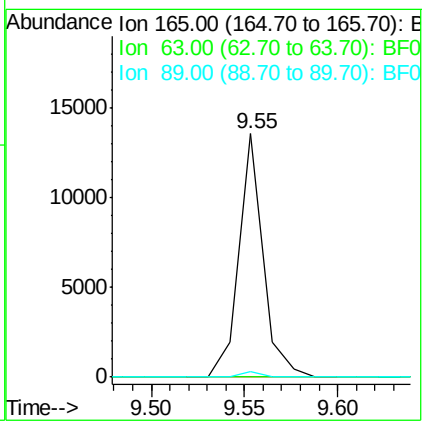


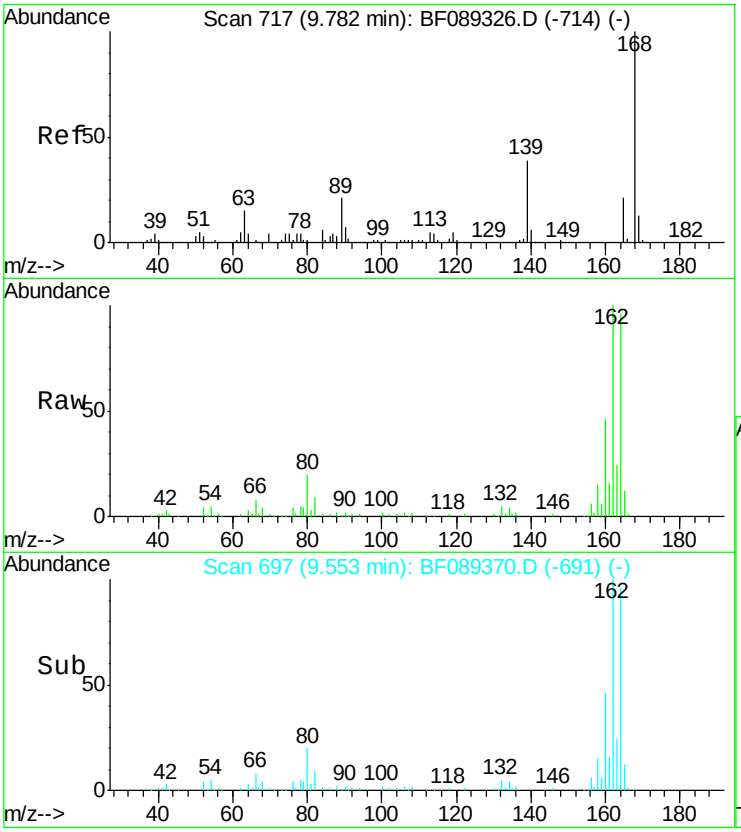


#50
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.17 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion:165 Resp: 12284

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	2.5	45.0	67.4#



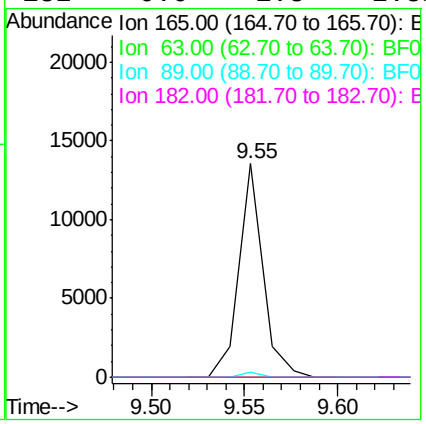


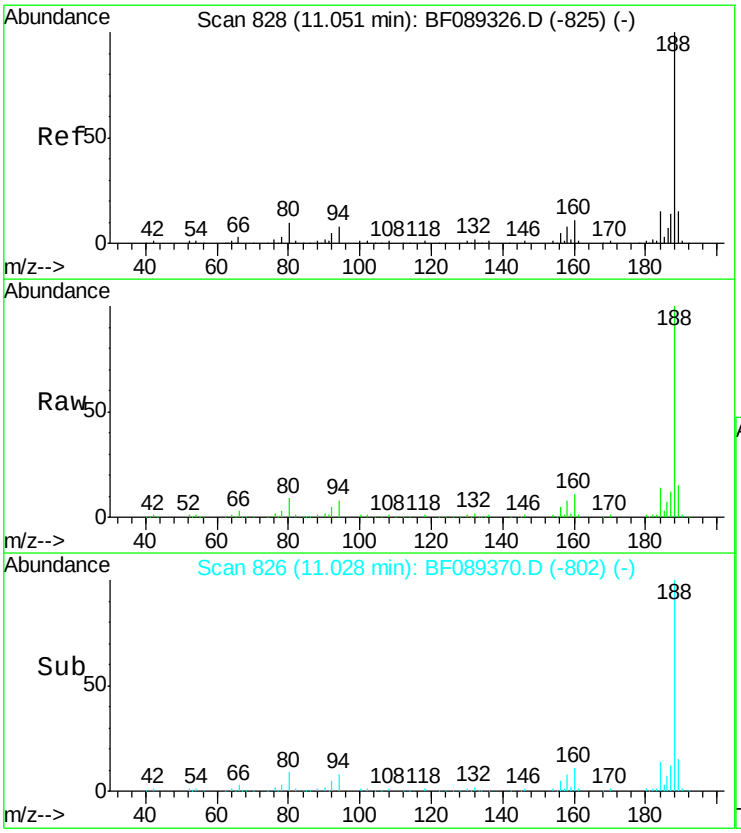
#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.23 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:165 Resp: 12284

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	2.5	79.1	118.7#
182	0.0	1.8	2.8#

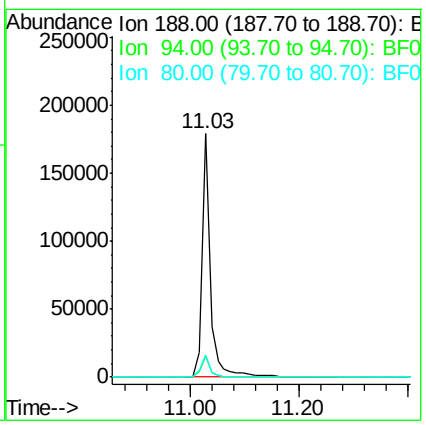


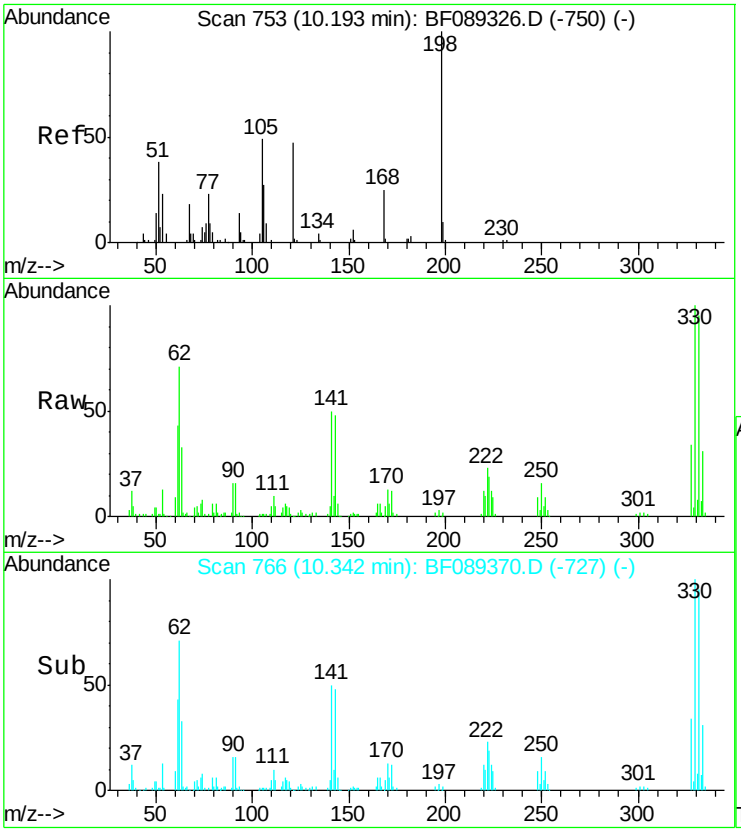


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion:188 Resp: 186832

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.5	9.7
80	9.3	7.2	10.8



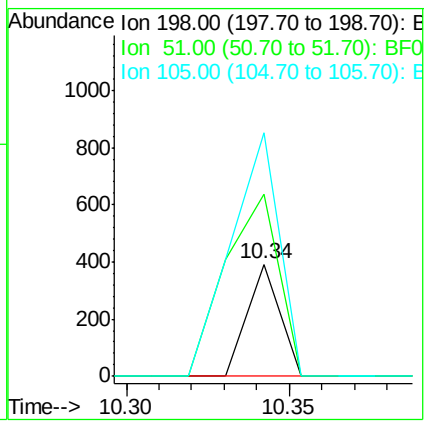


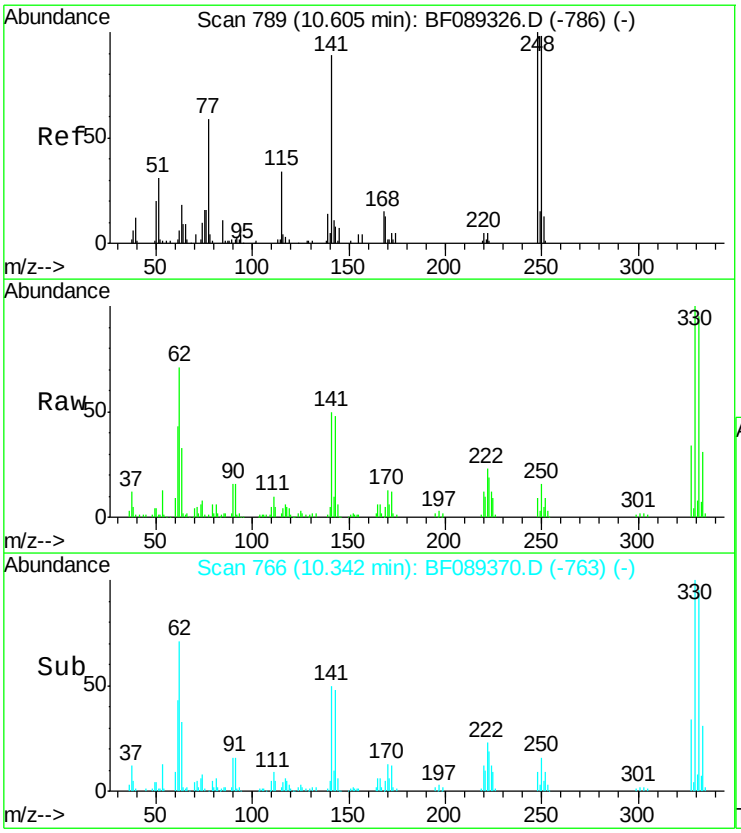
#64
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.15 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:198 Resp: 269

Ion	Ratio	Lower	Upper
198	100		
51	162.2	23.0	63.0#
105	217.3	28.3	68.3#

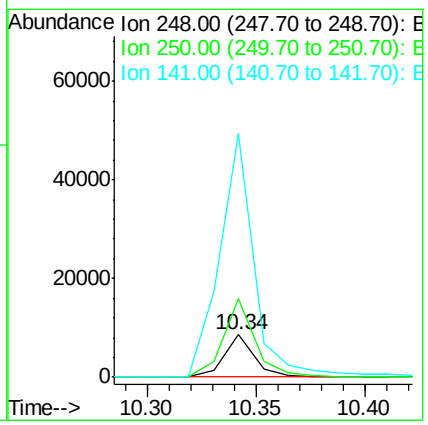


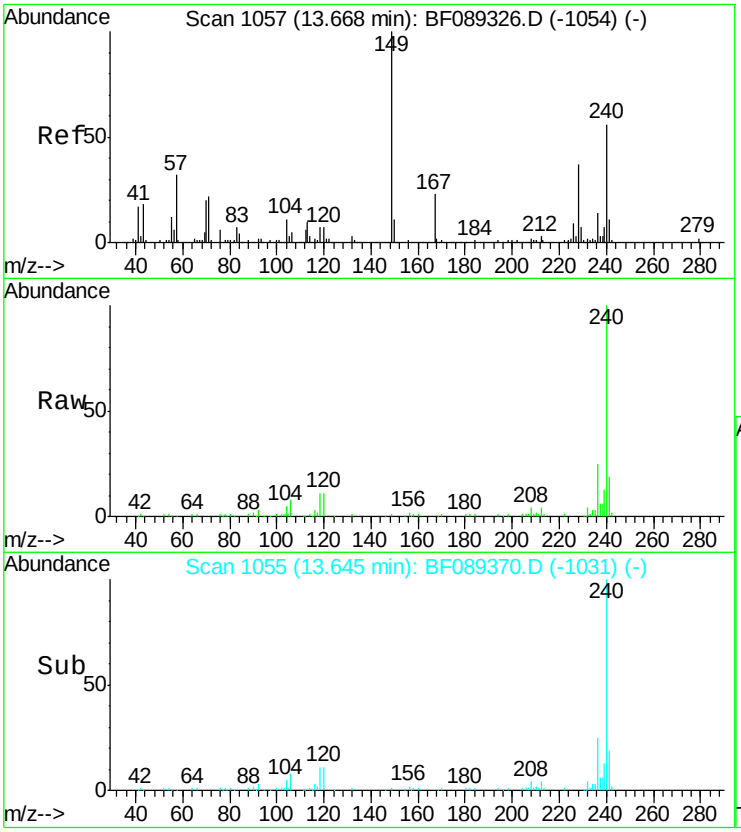


#66
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.26 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion:248 Resp: 8339

Ion	Ratio	Lower	Upper
248	100		
250	187.7	78.2	117.2#
141	578.2	62.0	93.0#



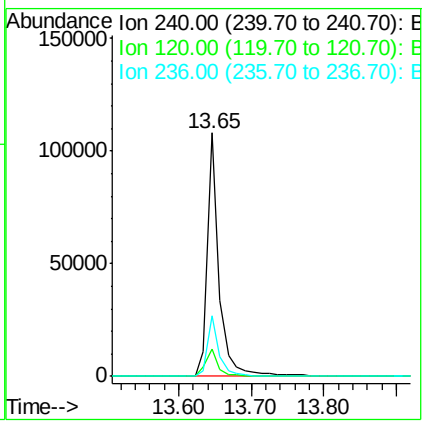


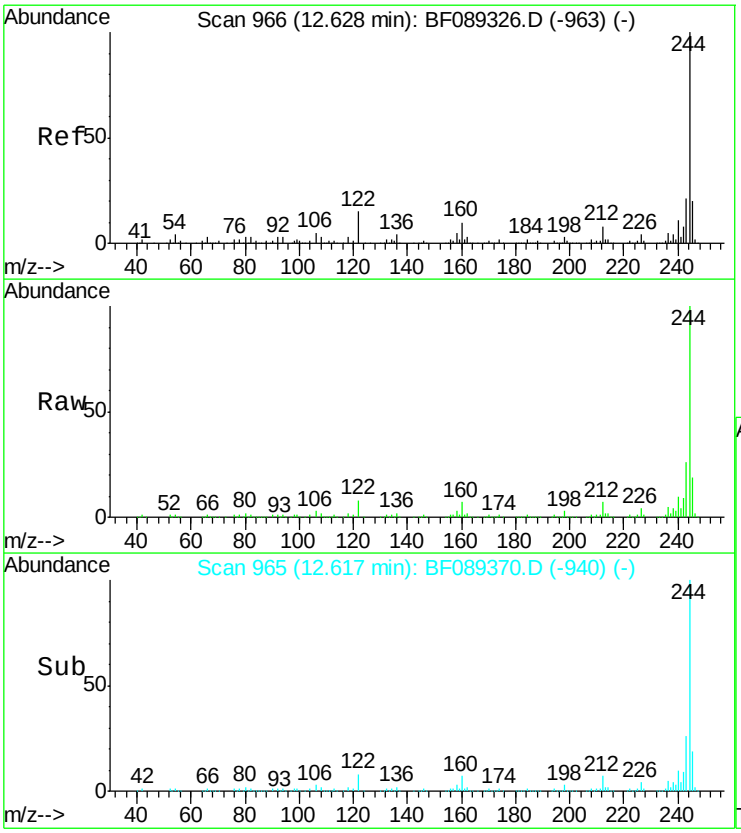
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:240 Resp: 121385

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.1	13.7
236	25.0	20.6	30.8

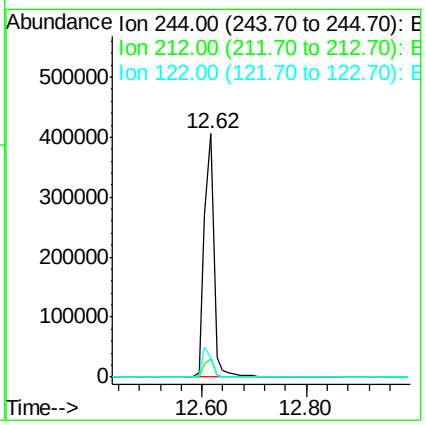


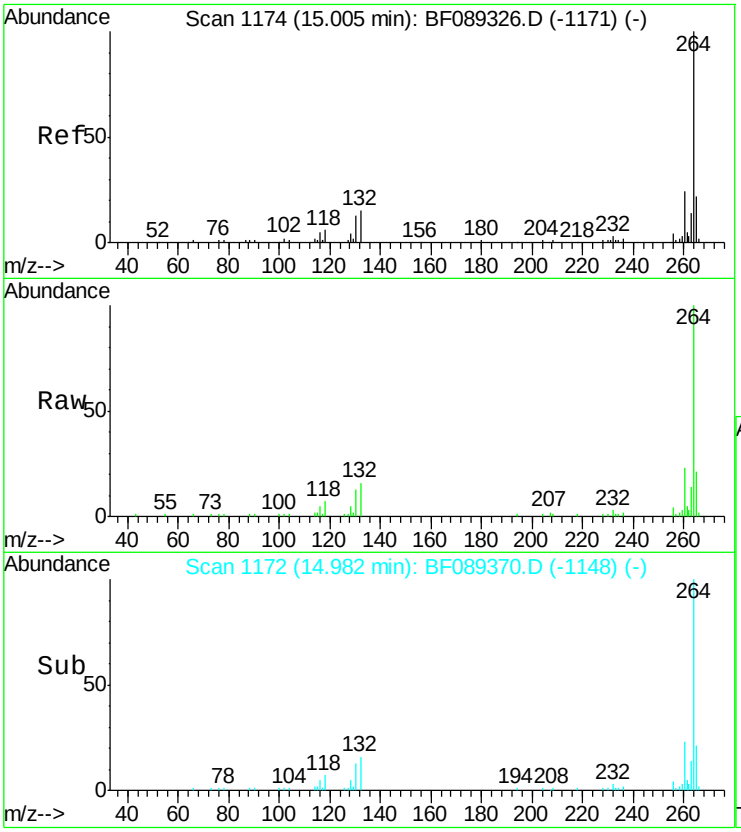


#78
Terphenyl-d14
Concen: 99.97 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion:244 Resp: 518493

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	8.2	11.4	17.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:264 Resp: 88879

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.3	17.5	26.3