Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089519.D
Acq On : 1 Aug 2016 19:26
Operator : UM/SJ
Sample : H4251-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Time: Aug 02 01:47:48 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	6.48	152	37602	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	157288	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	72887	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	128821	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	72582	20.00	ng	-0.07
86) Perylene-d12	14.93	264	69957	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	145896	61.95	ng	-0.07
7) Phenol-d6	6.14	99	120175	38.61	ng	-0.07
23) Nitrobenzene-d5	7.05	82	272097	102.11	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	87274	144.57	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	499032	100.48	ng	-0.07
78) Terphenyl-d14	12.56	244	343064	110.62	ng	-0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.24	77	6284	4.14	ng	# 73
15) Benzyl Alcohol	6.63	79	4141	2.14	ng	# 52
19) n-Nitroso-di-n-propylamine	7.05	70	35385	18.86	ng	# 83
25) Isophorone	7.05	82	246362	45.90	ng	# 67
50) 2,6-Dinitrotoluene	9.51	165	9241	8.11	ng	# 24
56) 2,4-Dinitrotoluene	9.51	165	9241	6.16	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	6566	5.34	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089519.D
Acq On : 1 Aug 2016 19:26
Operator : UM/SJ
Sample : H4251-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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MW-04

Quant Time: Aug 02 01:47:48 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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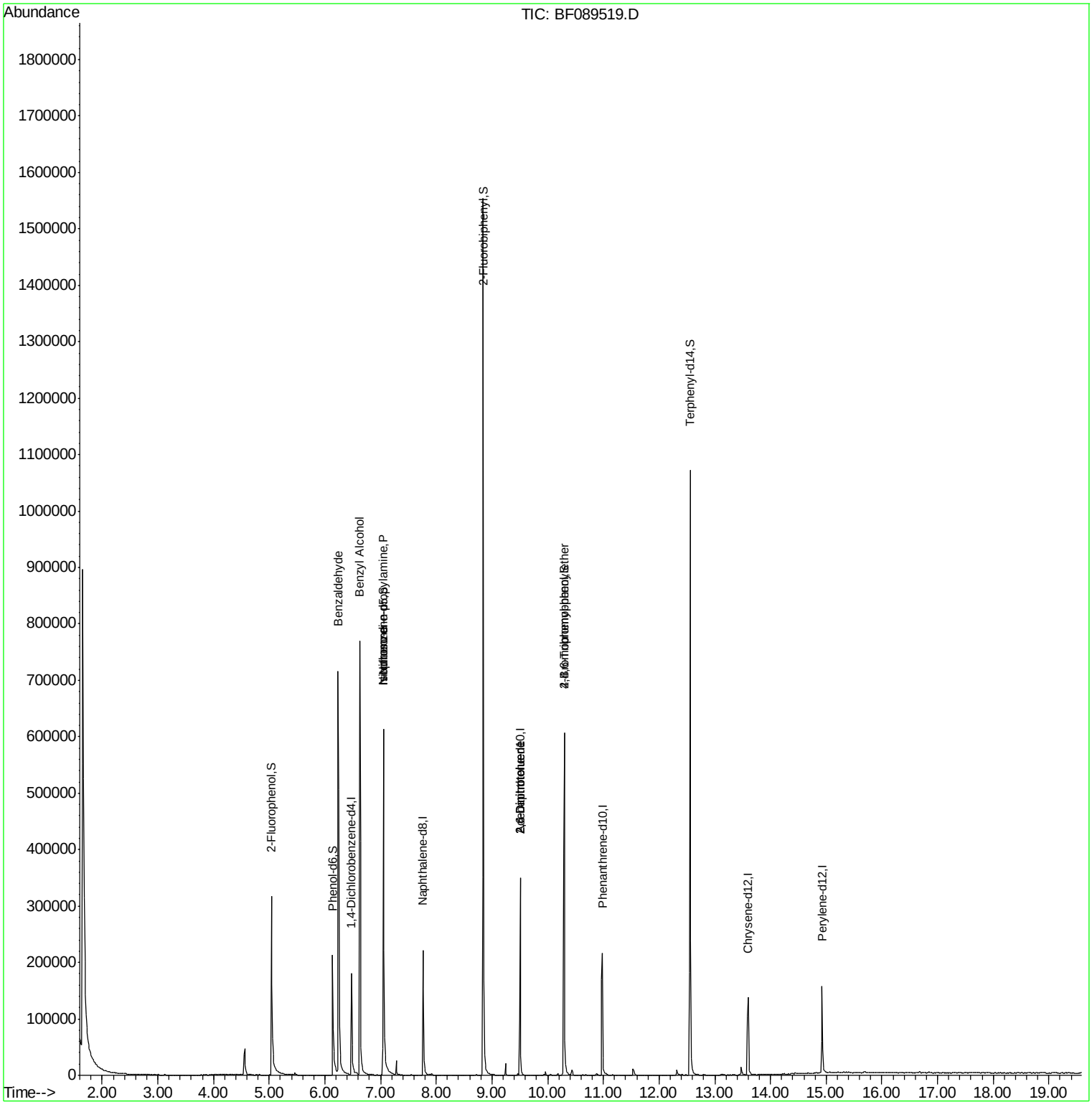
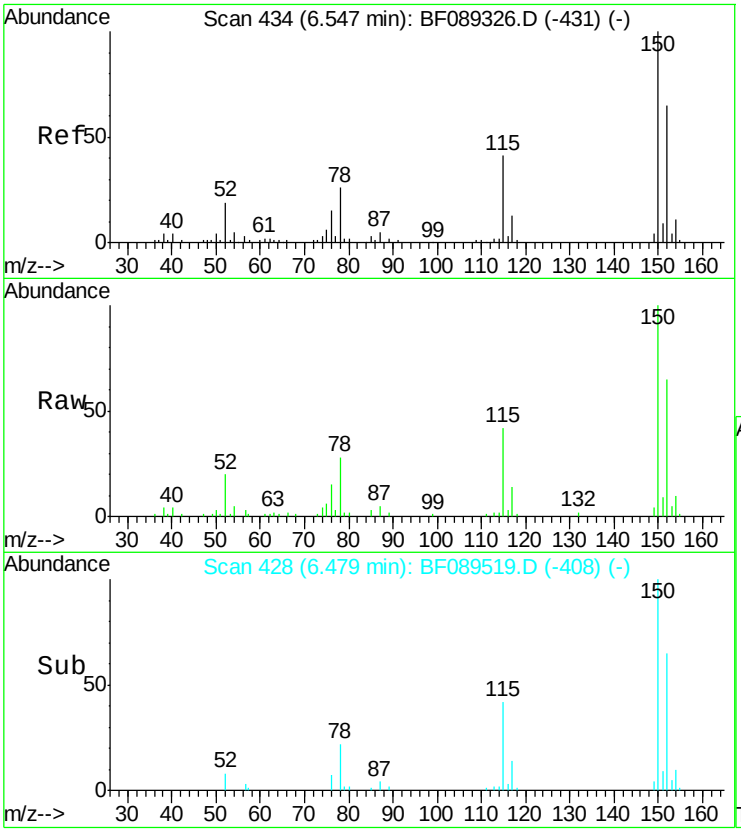


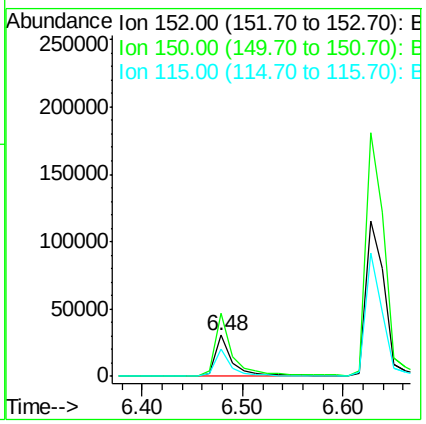


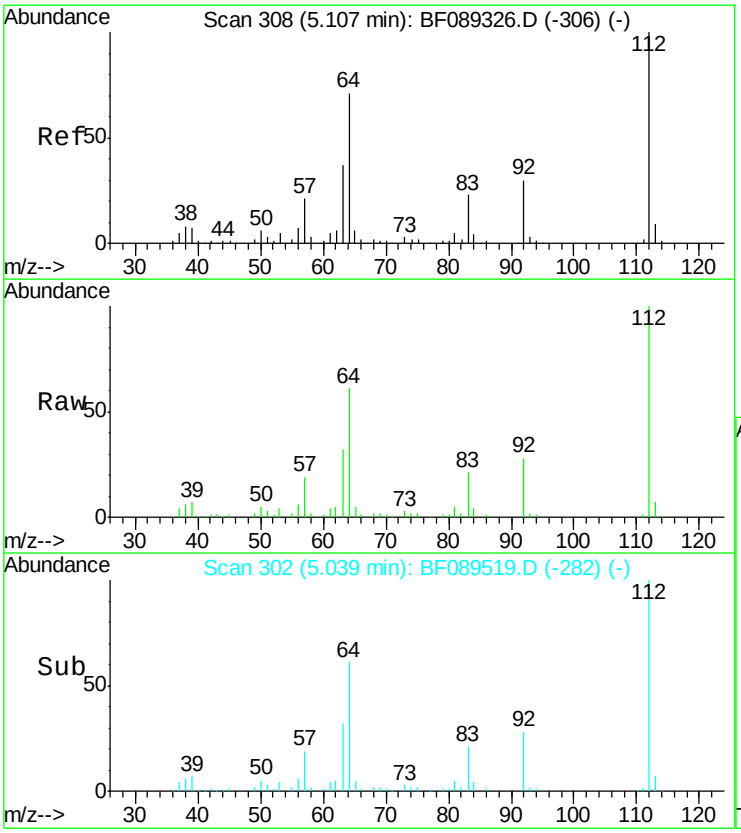
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 37602

Ion	Ratio	Lower	Upper
152	100		
150	153.6	129.5	194.3
115	65.1	51.4	77.2

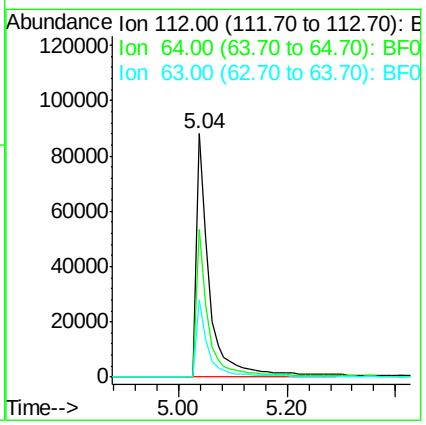


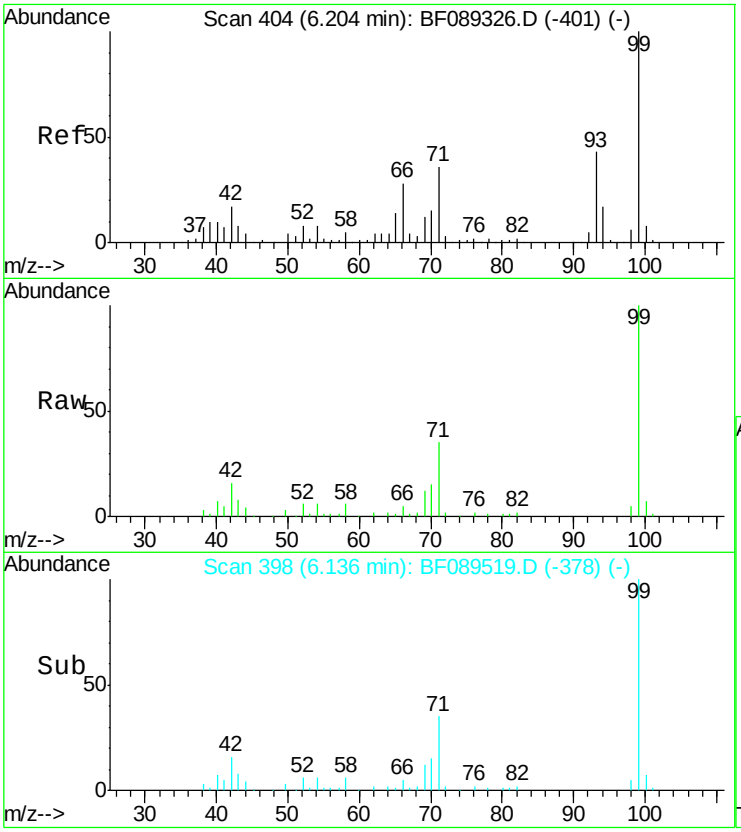


#5
2-Fluorophenol
Concen: 61.95 ng
RT: 5.04 min Scan# 302
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:112 Resp: 145896

Ion	Ratio	Lower	Upper
112	100		
64	60.5	55.0	82.6
63	31.7	29.4	44.2



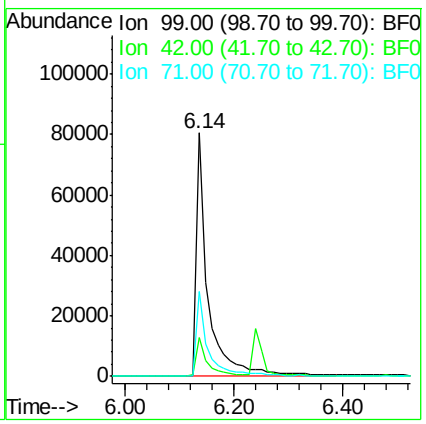


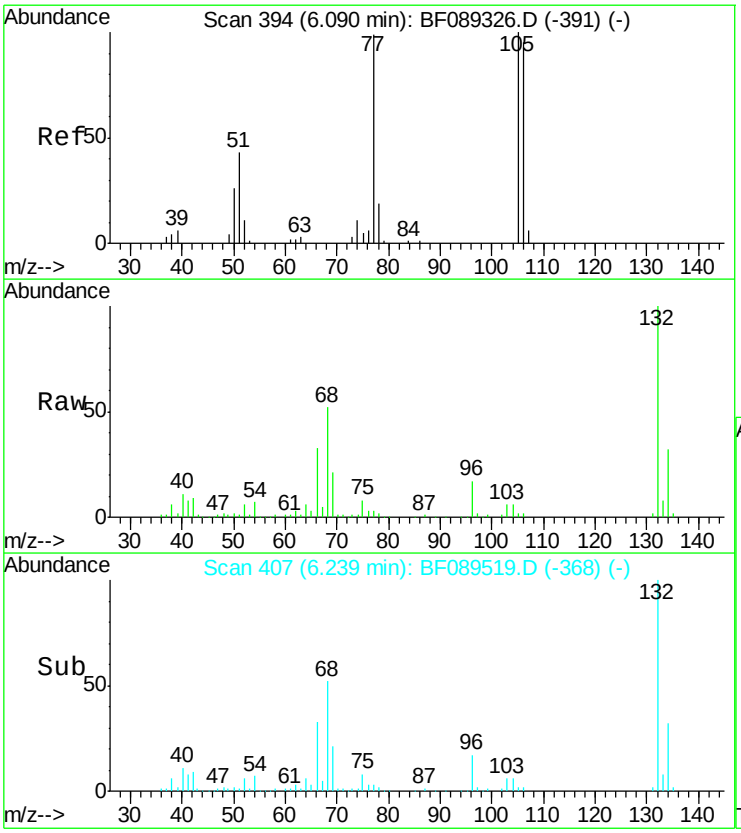
#7
Phenol-d6
Concen: 38.61 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 99 Resp: 120175

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	35.0	29.4	44.2

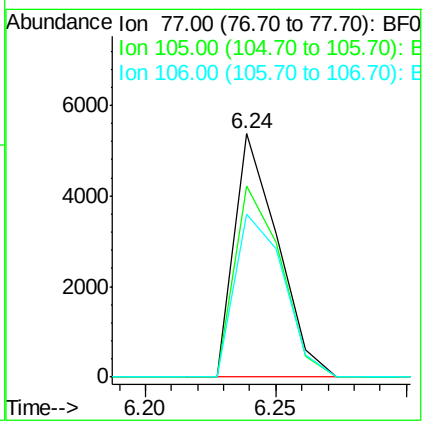


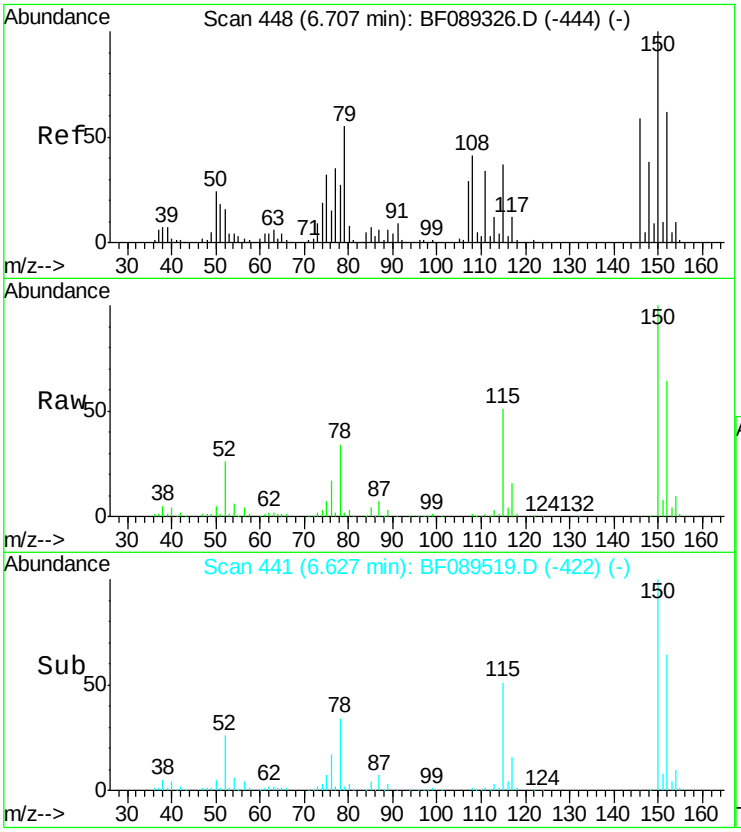


#9
Benzaldehyde
Concen: 4.14 ng
RT: 6.24 min Scan# 407
Delta R.T. 0.15 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion: 77 Resp: 6284

Ion	Ratio	Lower	Upper
77	100		
105	78.3	82.9	122.9#
106	66.7	75.9	115.9#



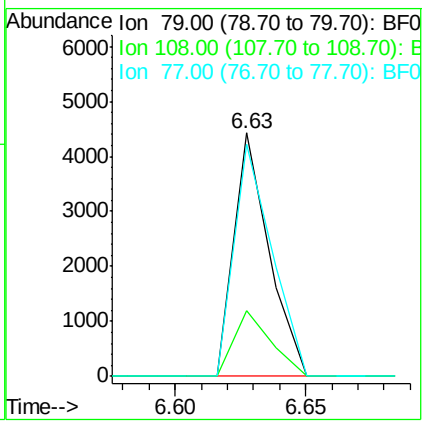


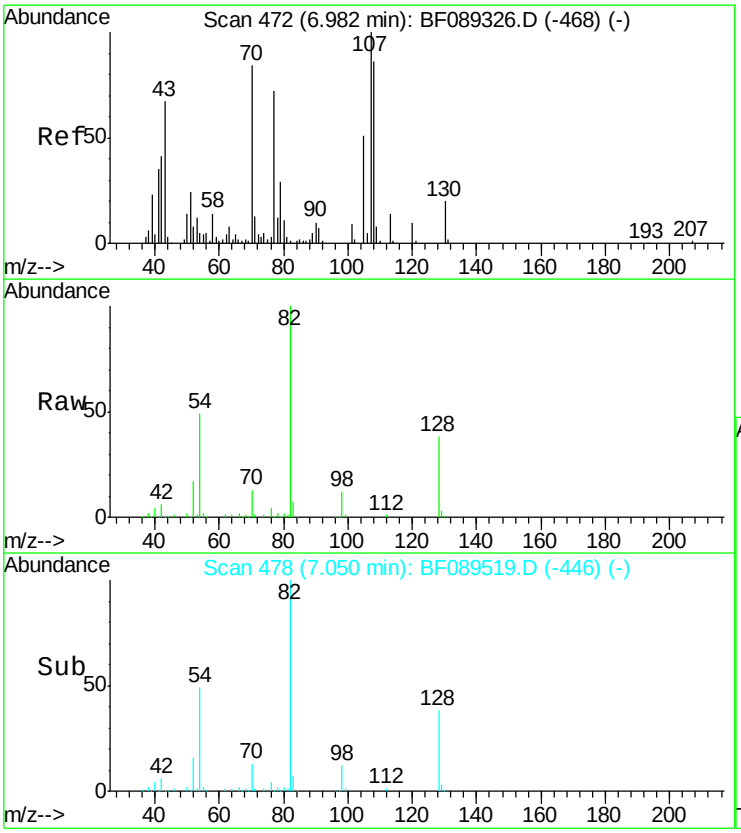
#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 79 Resp: 4141

Ion	Ratio	Lower	Upper
79	100		
108	27.0	59.8	89.6#
77	95.1	51.7	77.5#

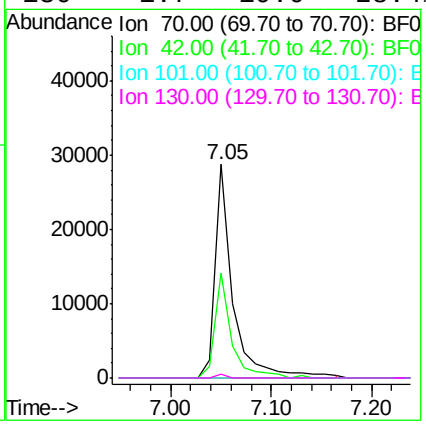


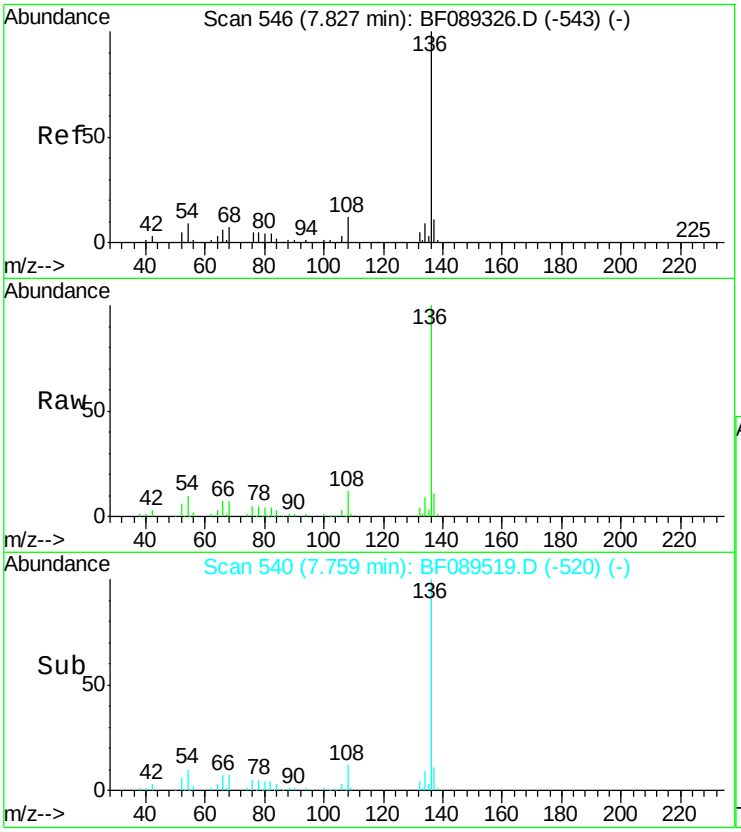


#19
n-Nitroso-di-n-propylamine
Concen: 18.86 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion: 70 Resp: 35385

Ion	Ratio	Lower	Upper
70	100		
42	49.0	38.6	57.8
101	0.0	8.3	12.5#
130	1.7	19.0	28.4#



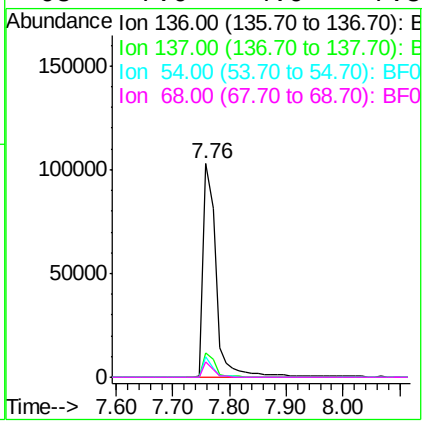


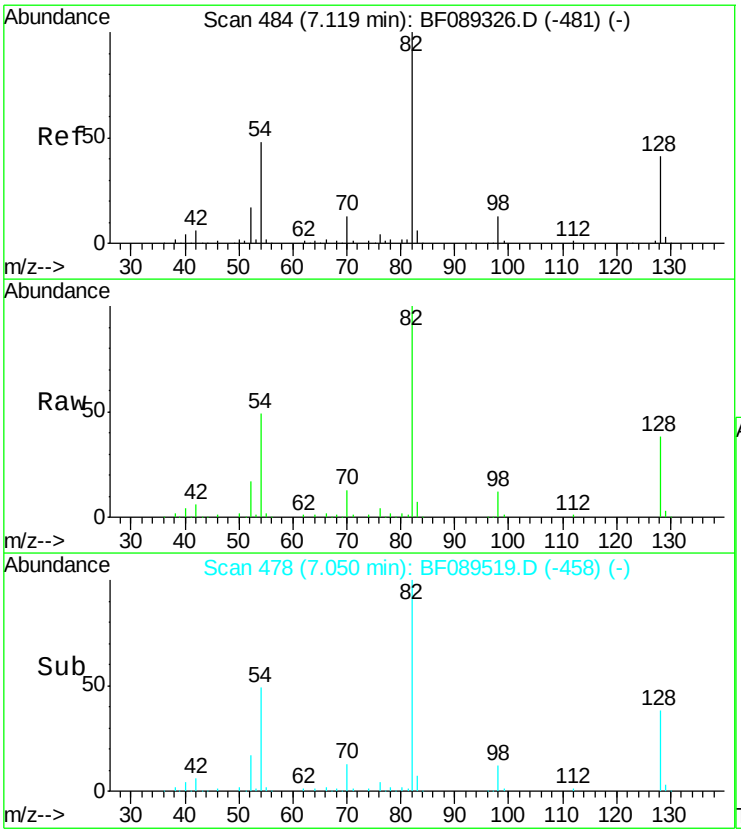
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:136 Resp: 157288

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.8	7.0	10.4
68	7.0	4.9	7.3

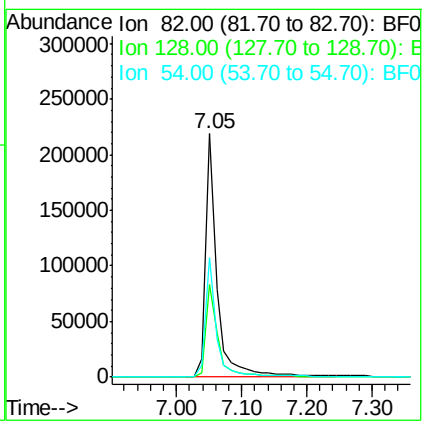


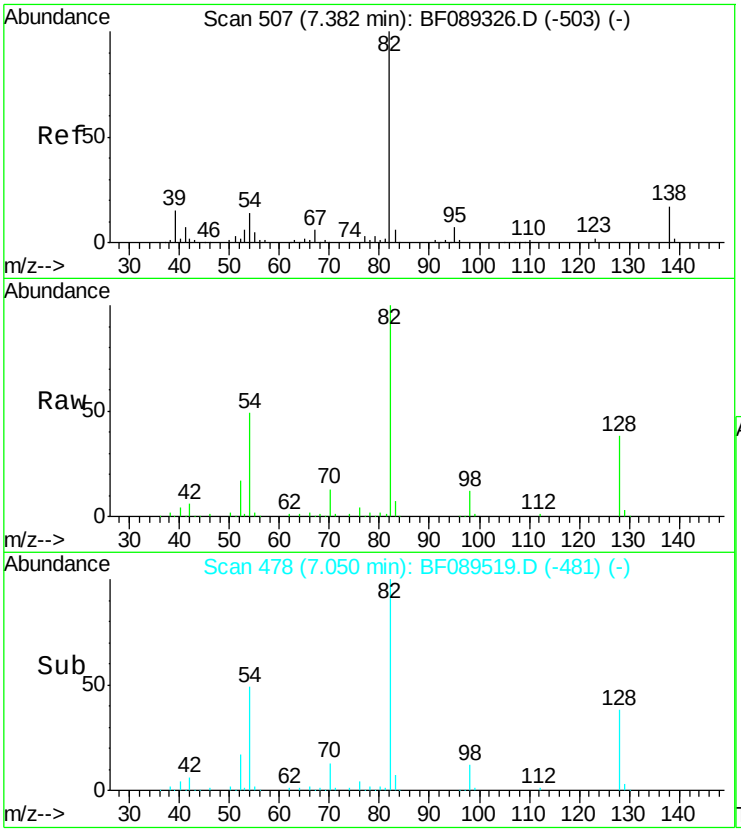


#23
Nitrobenzene-d5
Concen: 102.11 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion: 82 Resp: 272097

Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.5	48.7
54	49.3	38.8	58.2



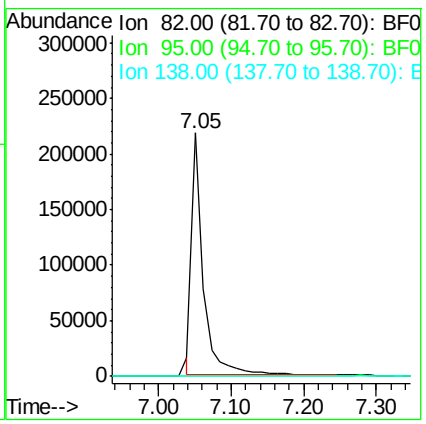


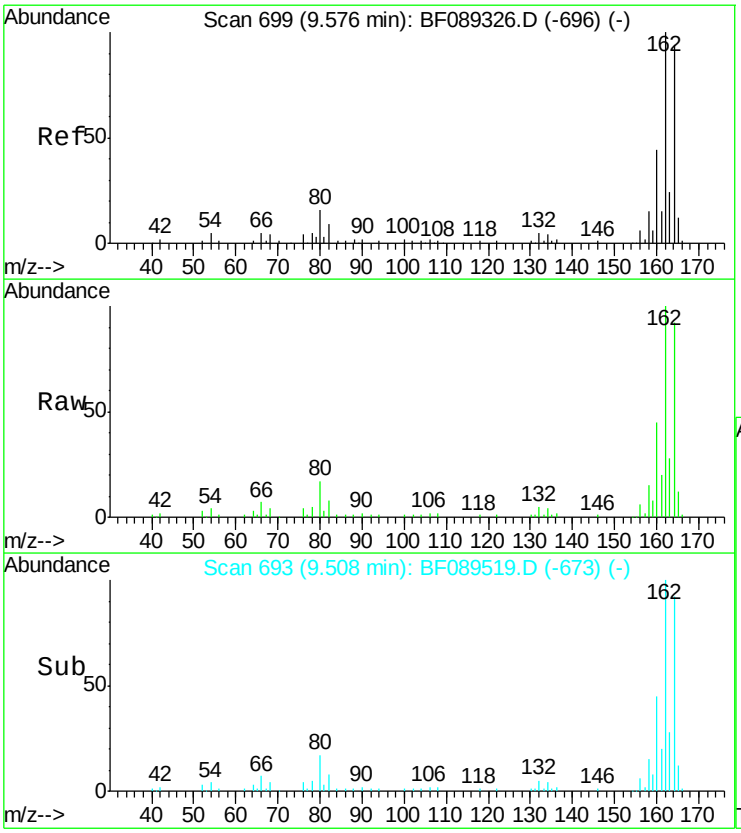
#25
Isophorone
Concen: 45.90 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.33 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 82 Resp: 246362

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.3	19.9#

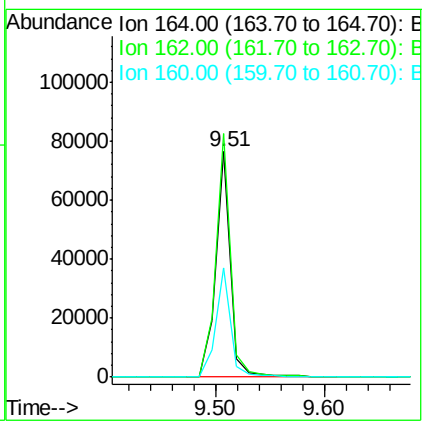


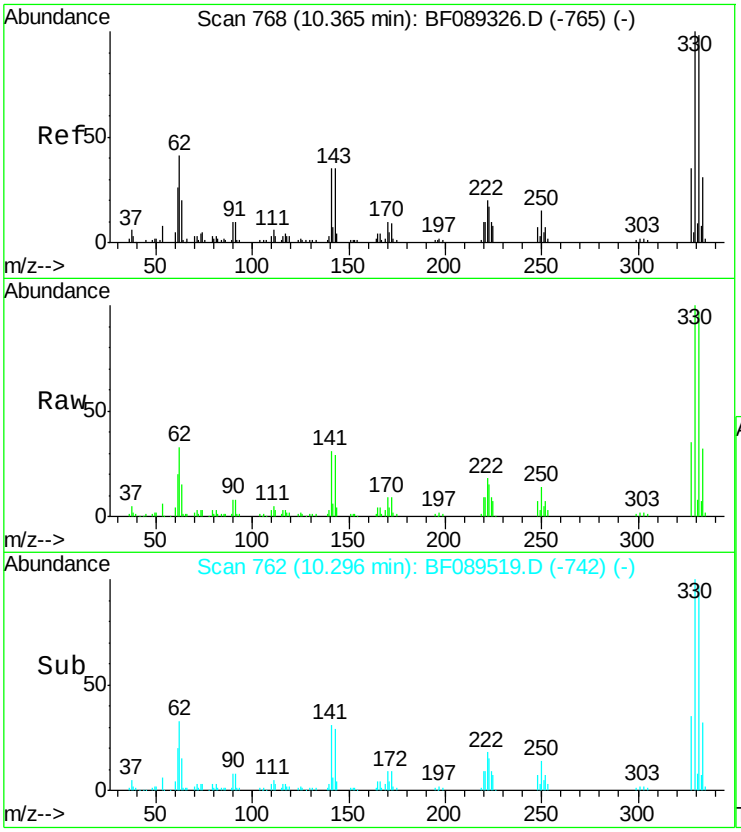


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:164 Resp: 72887

Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.7	125.5
160	48.3	37.8	56.6



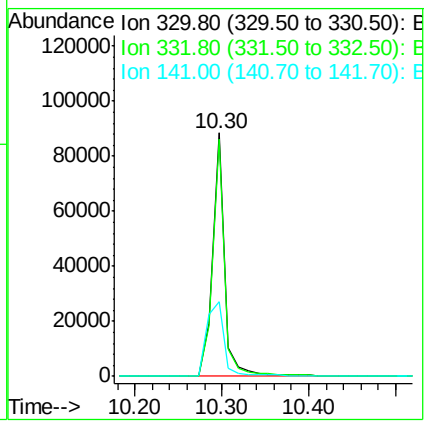


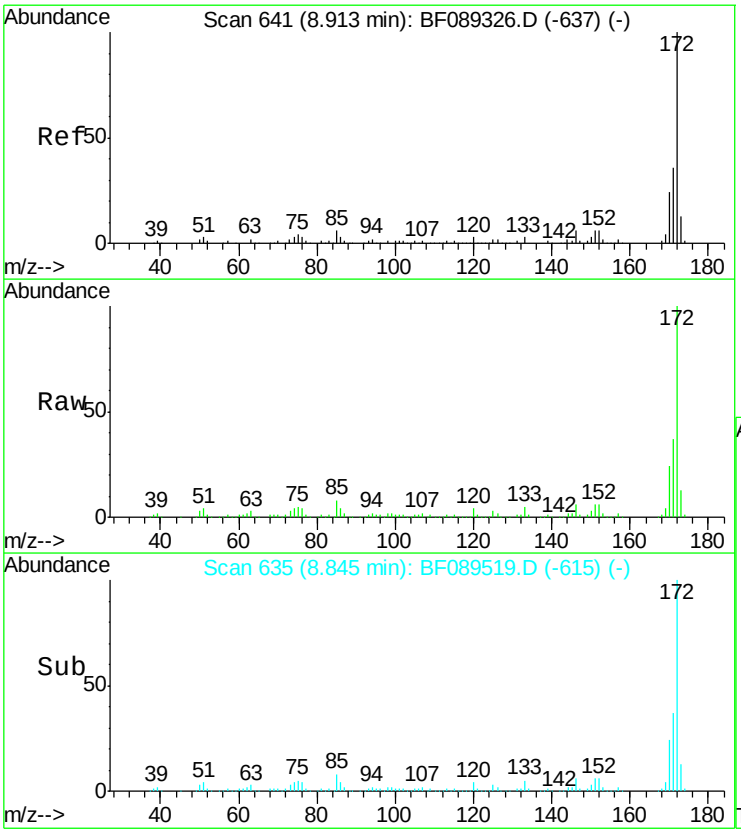
#41
2,4,6-Tribromophenol
Concen: 144.57 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:330 Resp: 87274

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	44.0	37.3	55.9

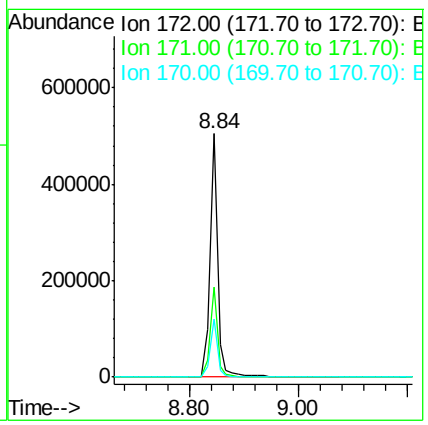


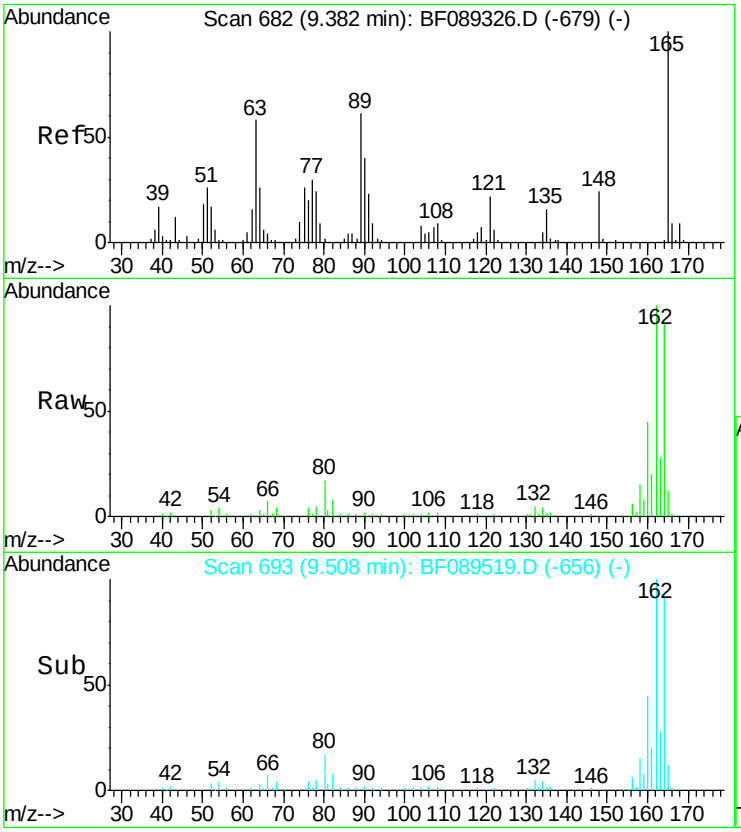


#44
2-Fluorobiphenyl
Concen: 100.48 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:172 Resp: 499032

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.2	43.8
170	23.9	19.2	28.8



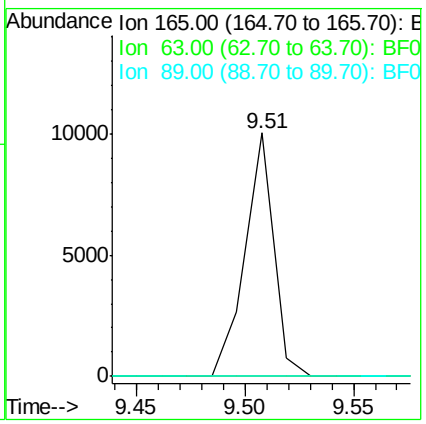


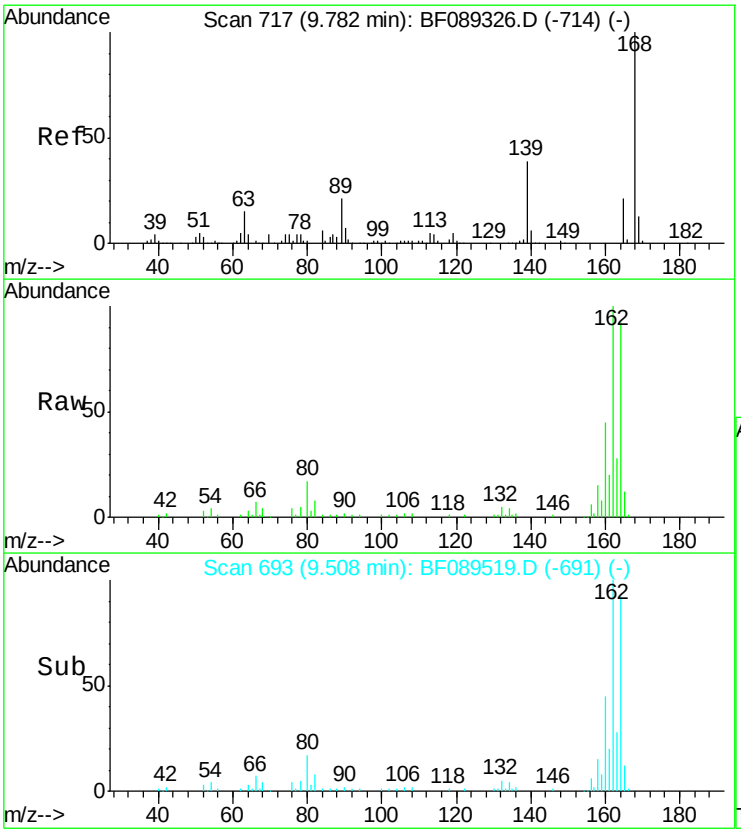
#50
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.13 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:165 Resp: 9241

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

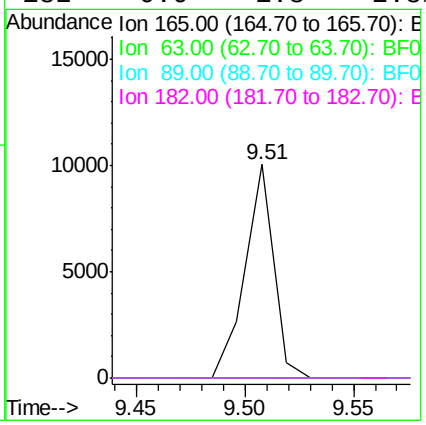


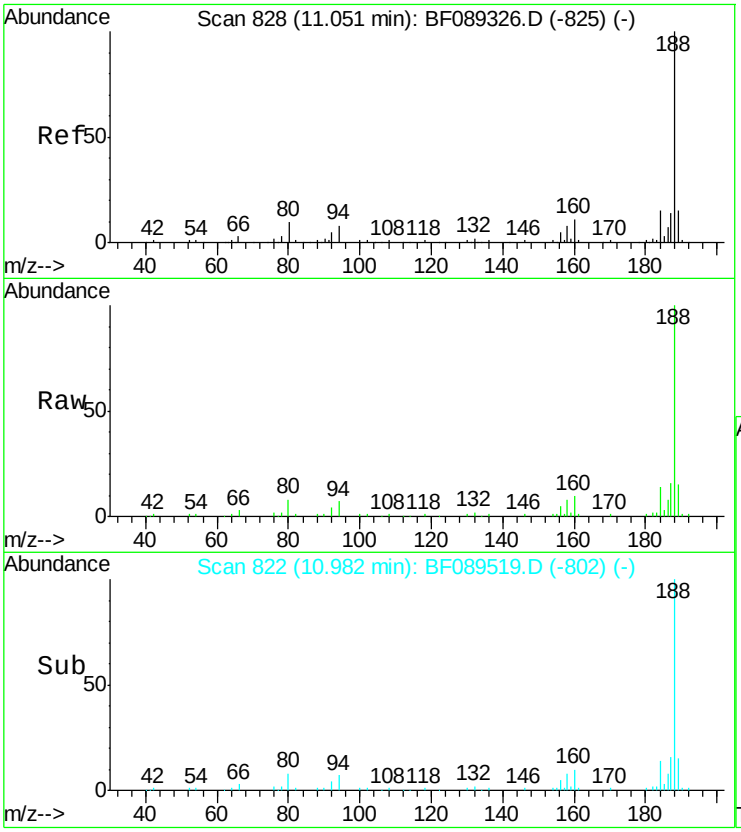


#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.27 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:165 Resp: 9241

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



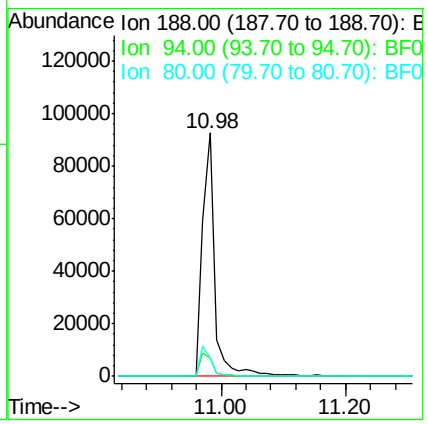


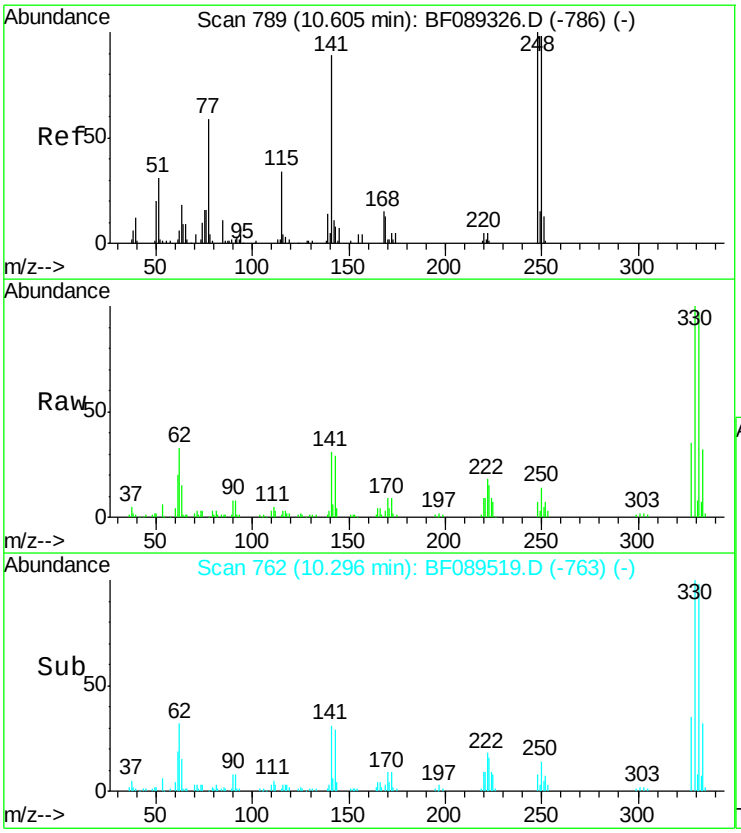
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:188 Resp: 128821

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.5	9.7
80	7.6	7.2	10.8

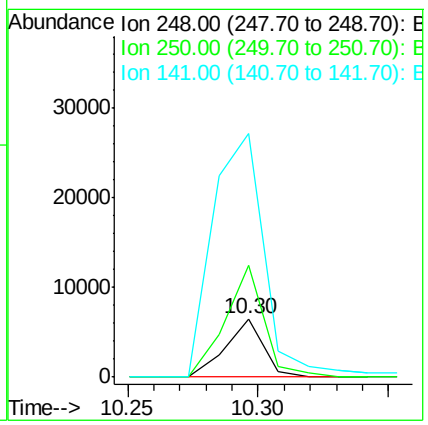


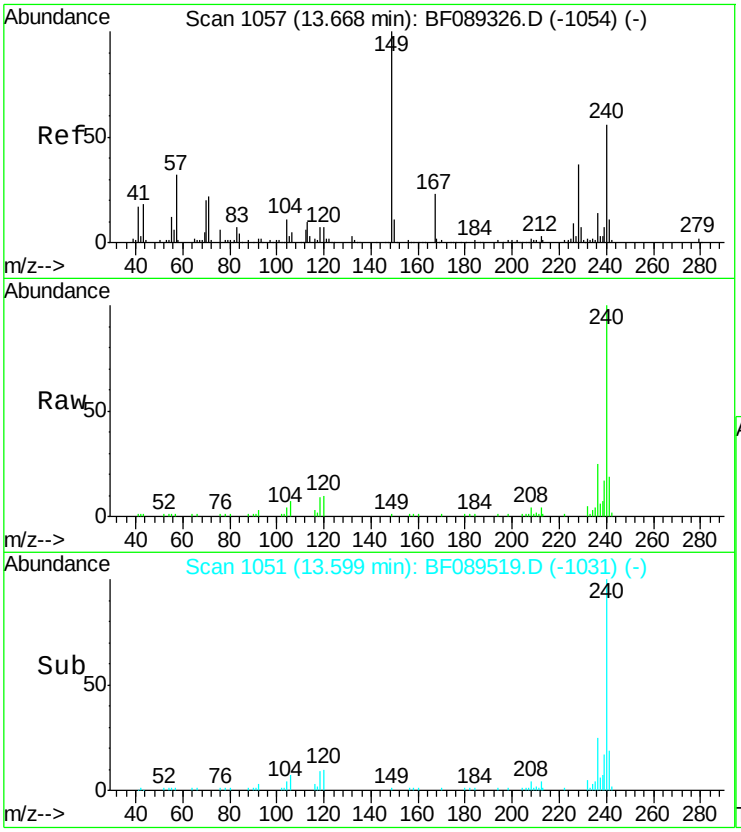


#66
4-Bromophenyl-phenylether
Concen: 5.34 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.31 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:248 Resp: 6566

Ion	Ratio	Lower	Upper
248	100		
250	193.2	78.2	117.2#
141	418.9	62.0	93.0#



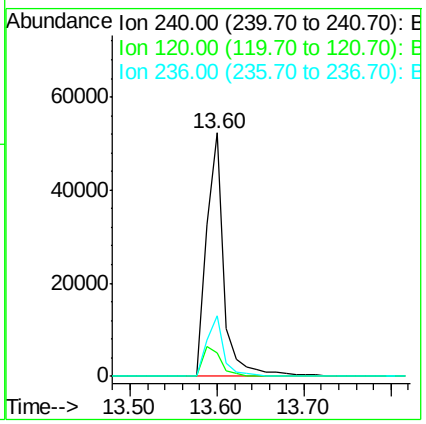


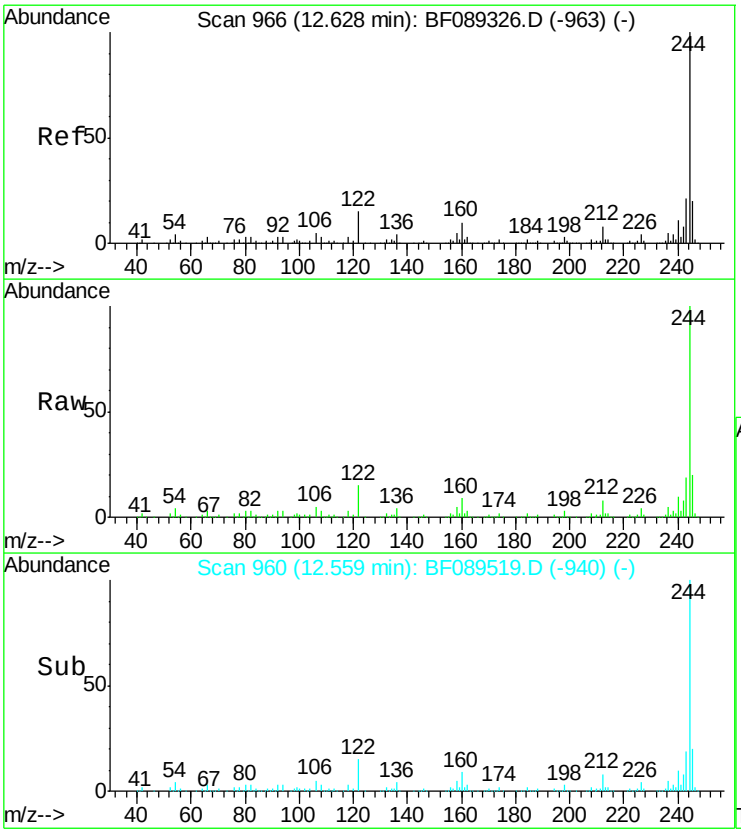
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:240 Resp: 72582

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.1	13.7
236	24.9	20.6	30.8

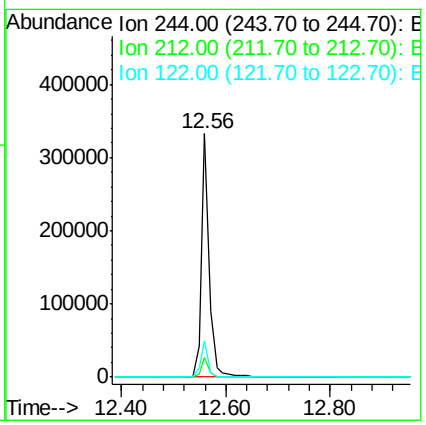


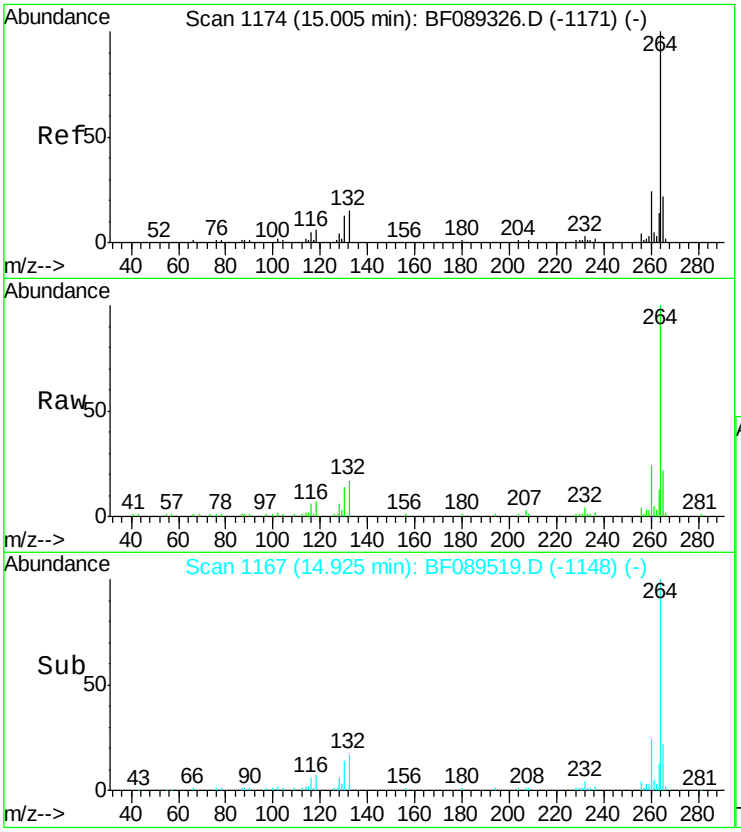


#78
Terphenyl-d14
Concen: 110.62 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:244 Resp: 343064

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	14.9	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:264 Resp: 69957

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.5	17.5	26.3