Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089271.D
Acq On : 25 Jul 2016 11:12
Operator : UM/SJ
Sample : H4120-13RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-10-6.0-15.0RE

Quant Time: Jul 25 17:16:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	49709	20.00	ng		-0.01
21) Naphthalene-d8	7.85	136	199173	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	93917	20.00	ng		-0.01
63) Phenanthrene-d10	11.06	188	166694	20.00	ng		-0.01
75) Chrysene-d12	13.68	240	105281	20.00	ng		-0.01
86) Perylene-d12	15.02	264	79333	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	28398	8.69	ng		0.05
7) Phenol-d6	6.23	99	46912	11.13	ng		0.00
23) Nitrobenzene-d5	7.13	82	295087	78.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.38	330	5286	6.25	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	529647	77.70	ng		-0.01
78) Terphenyl-d14	12.65	244	397143	81.82	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.08	77	15466	5.45	ng	#	1
12) 1,3-Dichlorobenzene	6.58	146	21065	5.26	ng		95
13) 1,4-Dichlorobenzene	6.58	146	21065	5.22	ng		96
14) 1,2-Dichlorobenzene	6.58	146	21065	5.54	ng		96
15) Benzyl Alcohol	6.72	79	6444	2.09	ng	#	47
19) n-Nitroso-di-n-propylamine	7.13	70	39927	14.48	ng	#	82
22) Acetophenone	6.98	105	20207	3.80	ng	#	96
25) Isophorone	7.39	82	73091	10.58	ng		96
31) Naphthalene	7.87	128	81926	7.62	ng		99
33) 4-Chloroaniline	7.87	127	10534	2.33	ng	#	45
49) Dimethylphthalate	9.32	163	108063	14.99	ng		98
56) 2,4-Dinitrotoluene	9.59	165	11809	5.63	ng	#	10
83) Bis(2-ethylhexyl)phthalate	13.69	149	16762	3.44	ng	#	94

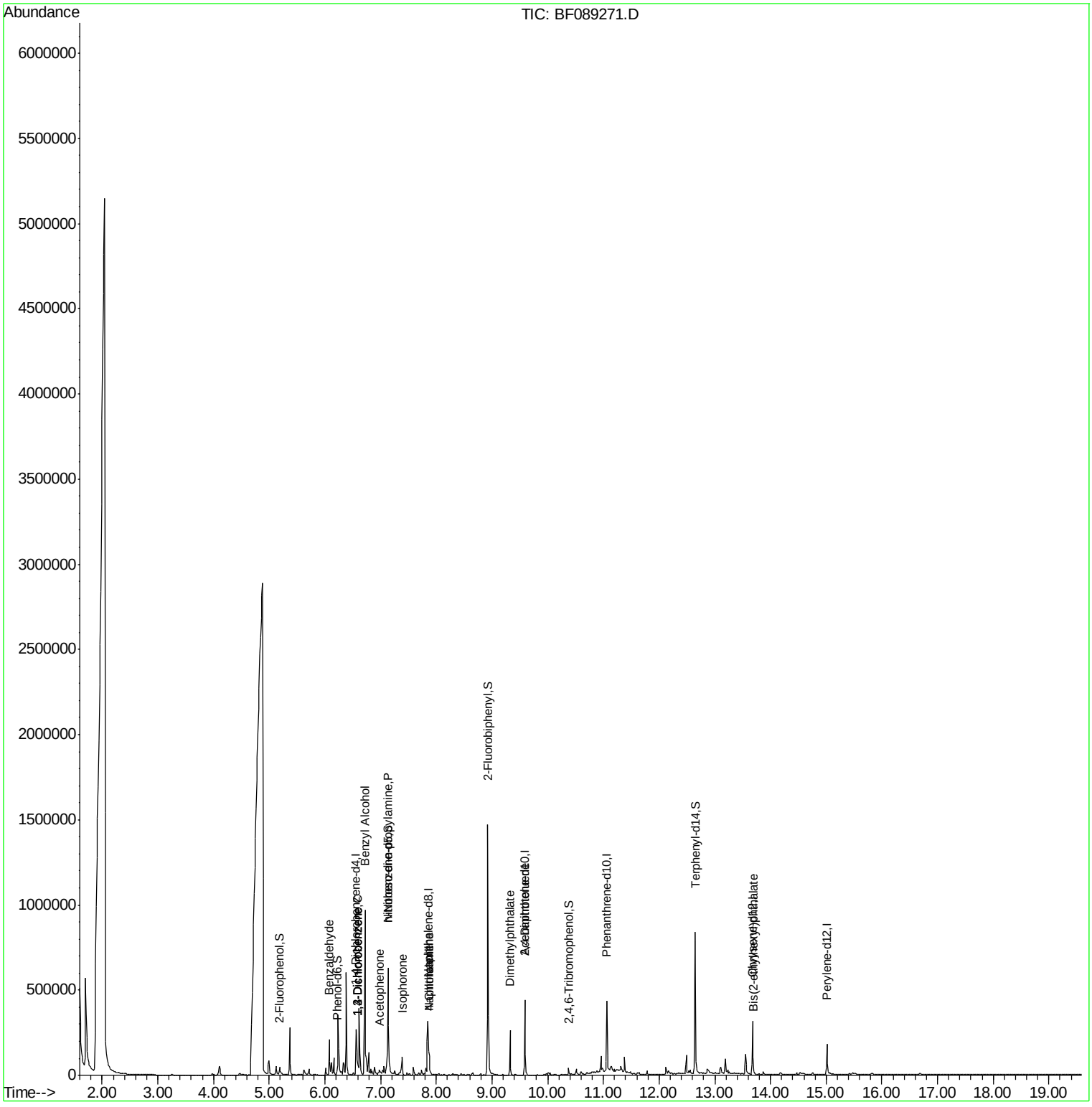
(#) = qualifier out of range (m) = manual integration (+) = signals summed

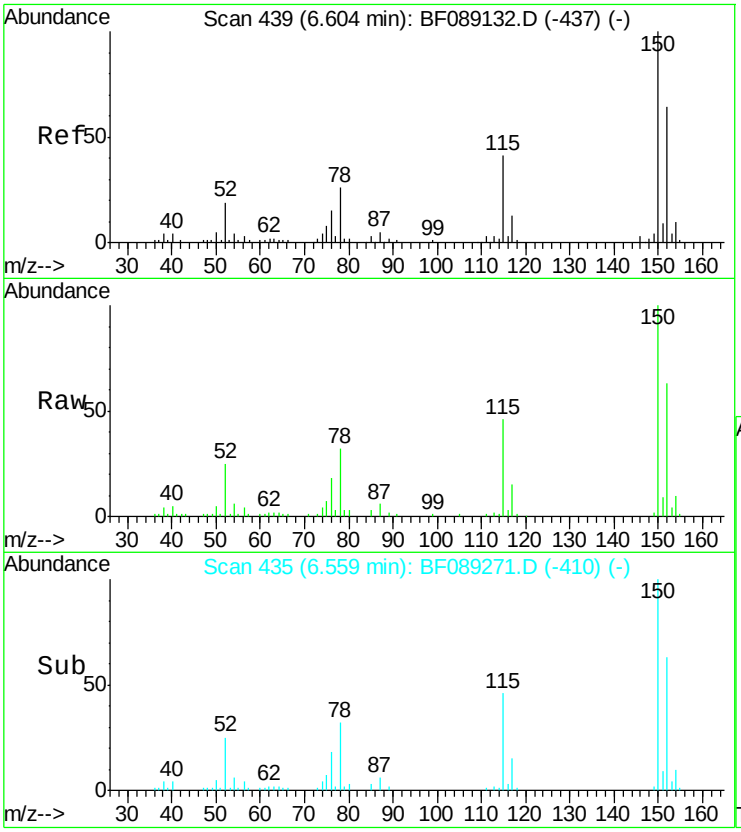
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089271.D
Acq On : 25 Jul 2016 11:12
Operator : UM/SJ
Sample : H4120-13RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Quant Time: Jul 25 17:16:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration



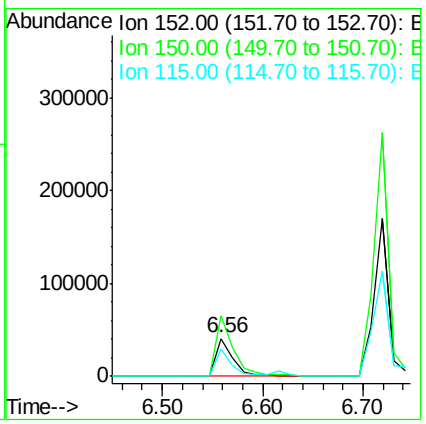


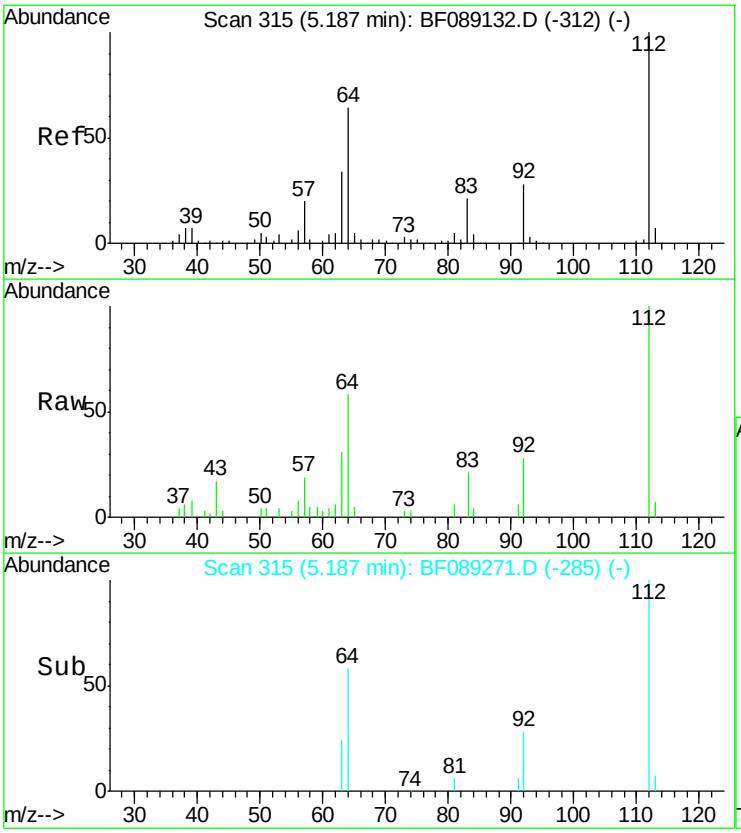
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:152 Resp: 49709

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.1	187.7
115	73.1	51.1	76.7

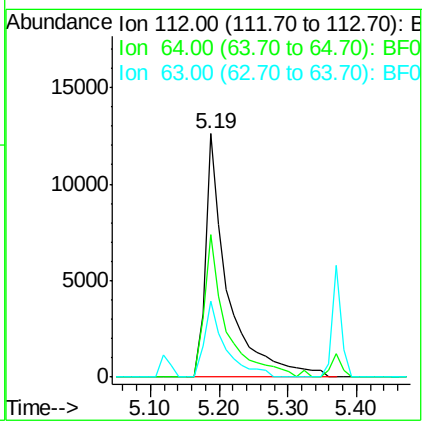


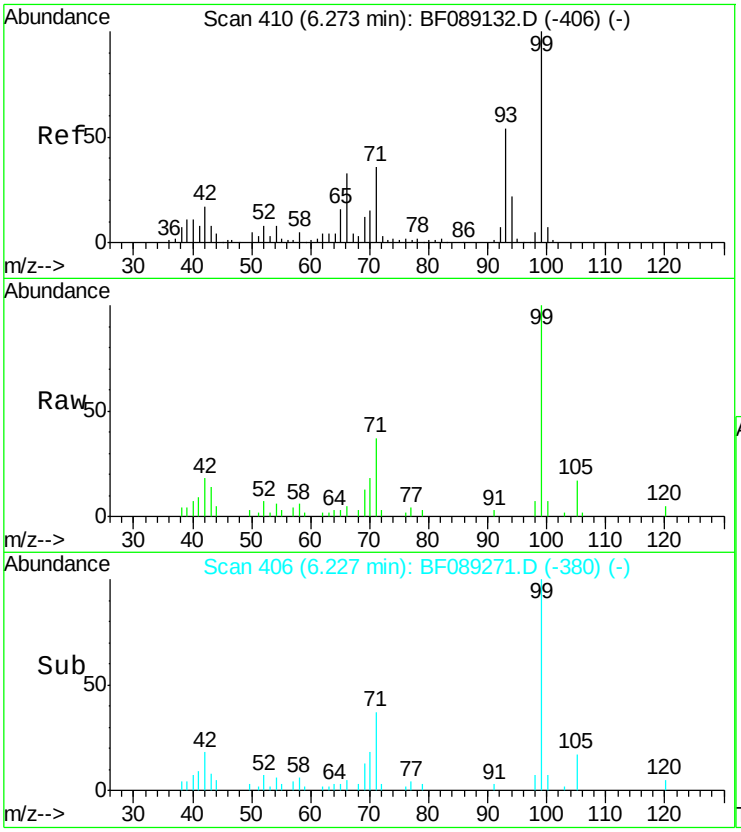


#5
2-Fluorophenol
Concen: 8.69 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.05 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:112 Resp: 28398

Ion	Ratio	Lower	Upper
112	100		
64	58.5	51.0	76.4
63	31.2	27.3	40.9



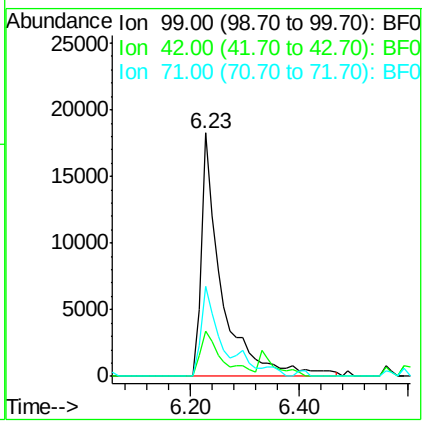


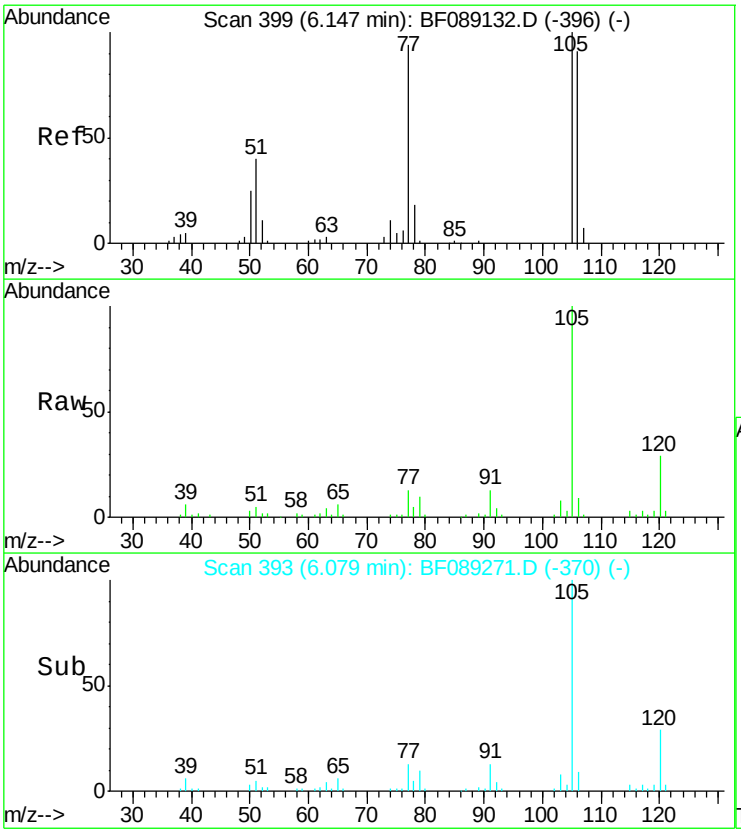
#7
Phenol-d6
Concen: 11.13 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion: 99 Resp: 46912

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.5	20.3
71	36.8	28.9	43.3

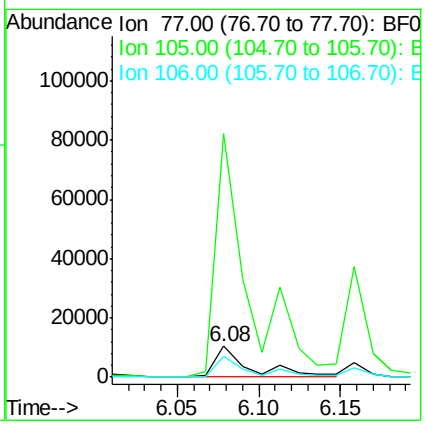


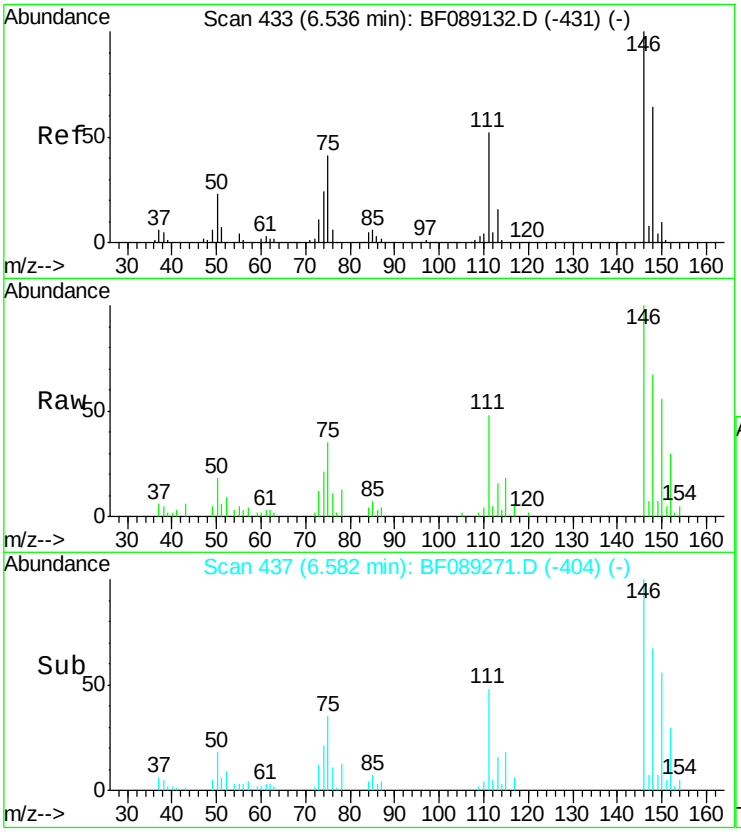


#9
Benzaldehyde
Concen: 5.45 ng
RT: 6.08 min Scan# 393
Delta R.T. -0.03 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion: 77 Resp: 15466

Ion	Ratio	Lower	Upper
77	100		
105	789.8	86.2	126.2#
106	67.6	76.3	116.3#



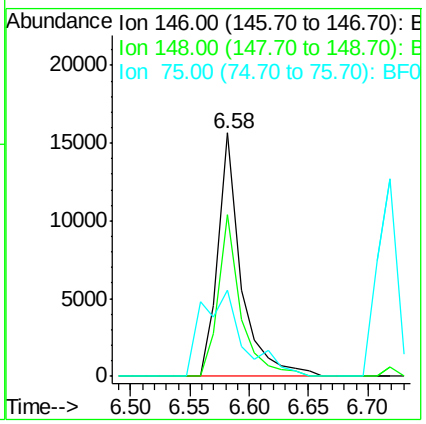


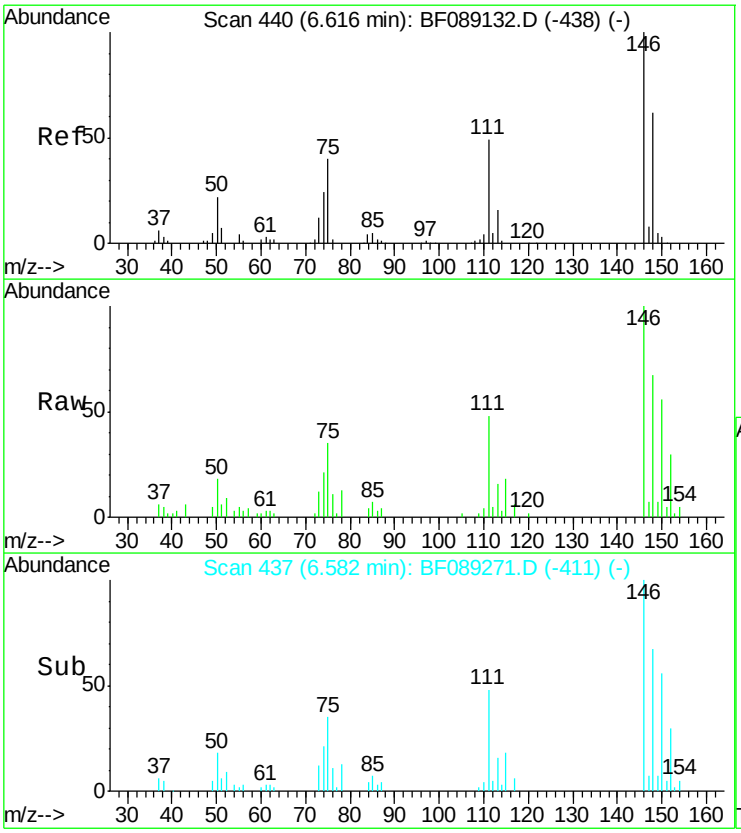
#12
1,3-Dichlorobenzene
Concen: 5.26 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.08 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:146 Resp: 21065

Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.0	76.6
75	35.5	32.5	48.7

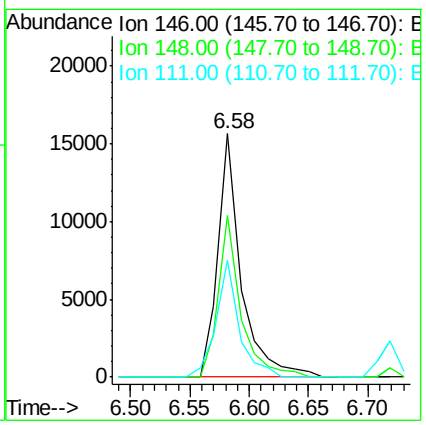


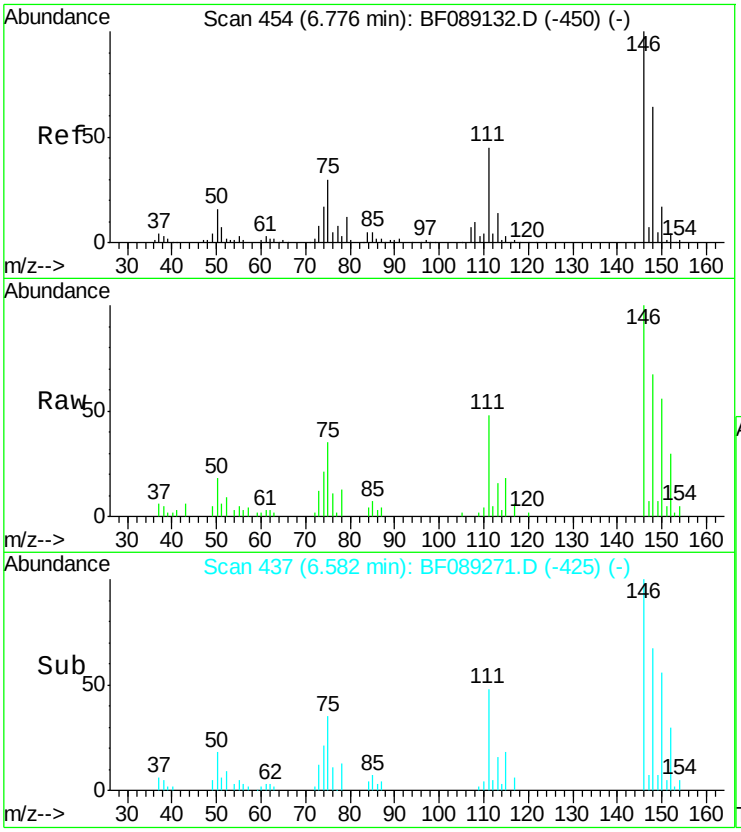


#13
1,4-Dichlorobenzene
Concen: 5.22 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:146 Resp: 21065

Ion	Ratio	Lower	Upper
146	100		
148	66.6	49.9	74.9
111	47.8	39.8	59.6



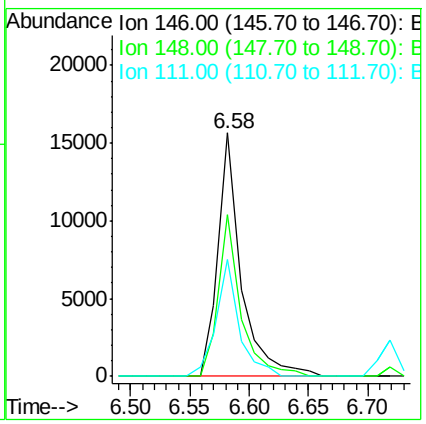


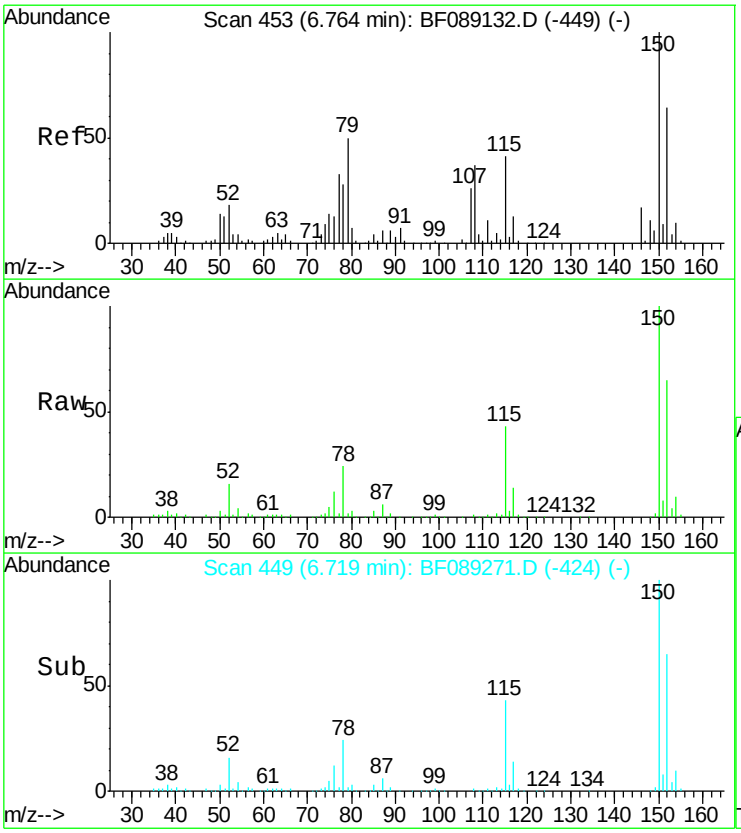
#14
1,2-Dichlorobenzene
Concen: 5.54 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.16 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:146 Resp: 21065

Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.4	77.0
111	47.8	35.9	53.9

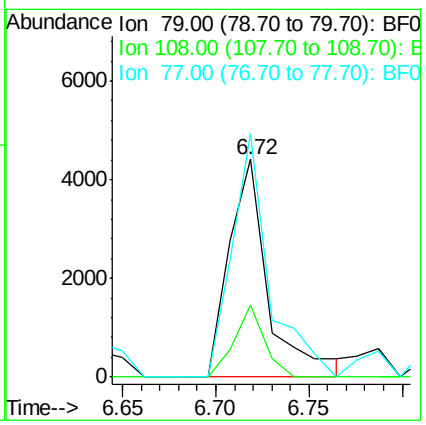


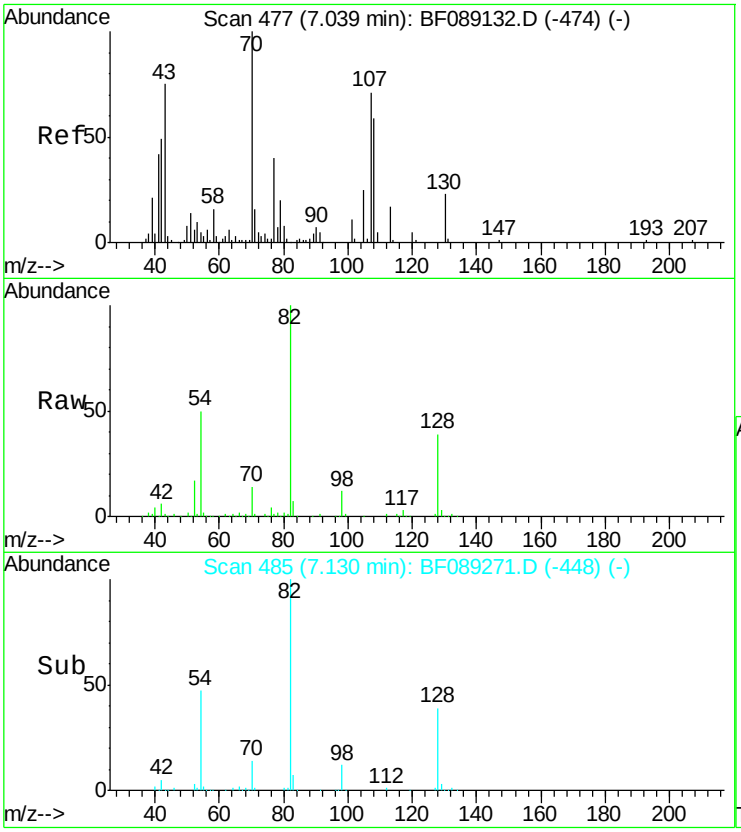


#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion: 79 Resp: 6444

Ion	Ratio	Lower	Upper
79	100		
108	32.9	58.2	87.4#
77	111.7	52.2	78.4#



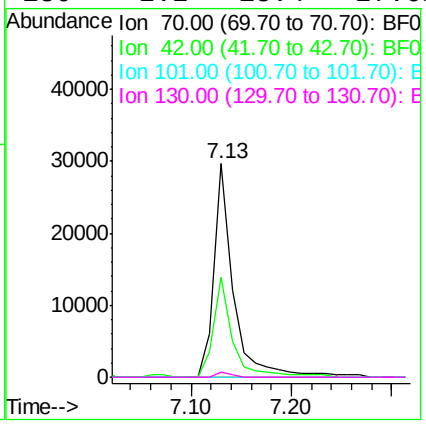


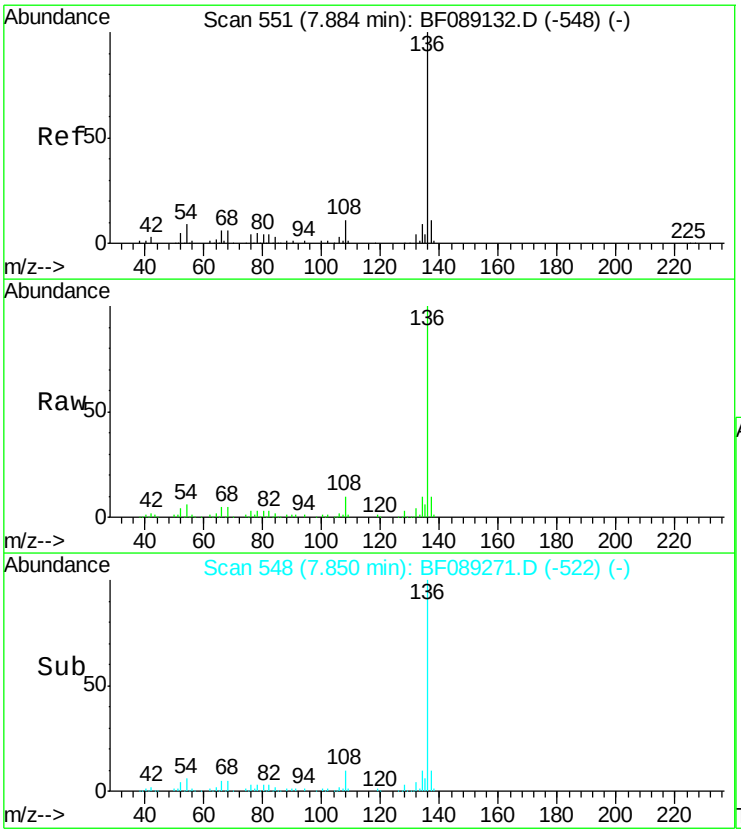
#19
n-Nitroso-di-n-propylamine
Concen: 14.48 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.13 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion: 70 Resp: 39927

Ion	Ratio	Lower	Upper
70	100		
42	46.5	39.2	58.8
101	0.0	8.5	12.7#
130	2.2	18.4	27.6#

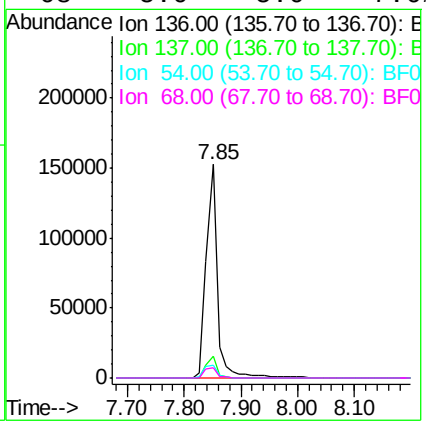


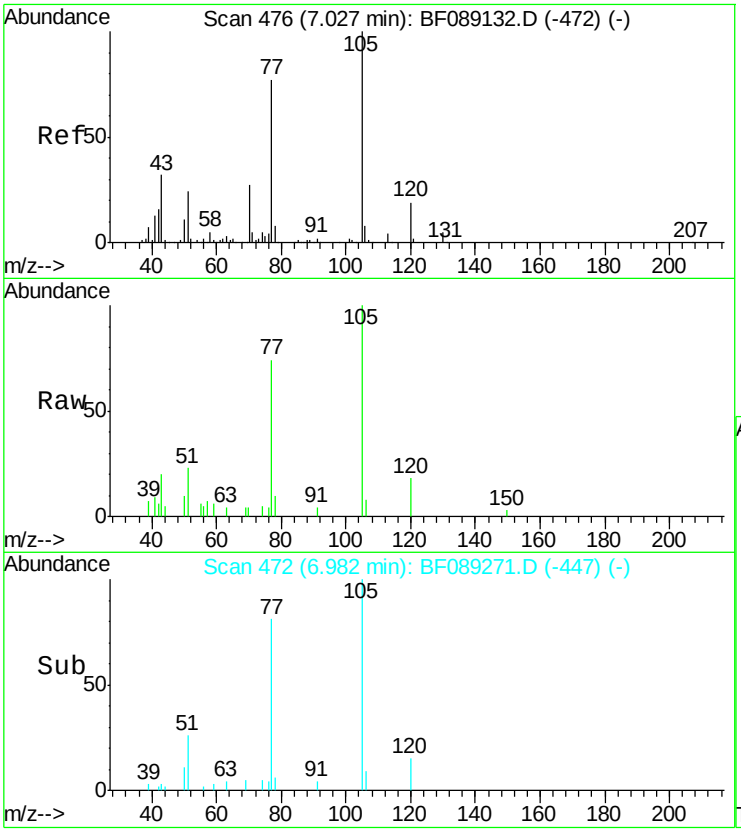


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:136 Resp: 199173

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.0	7.0	10.4#
68	5.0	5.0	7.6#



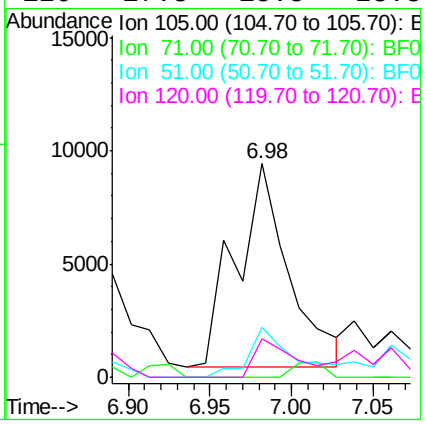


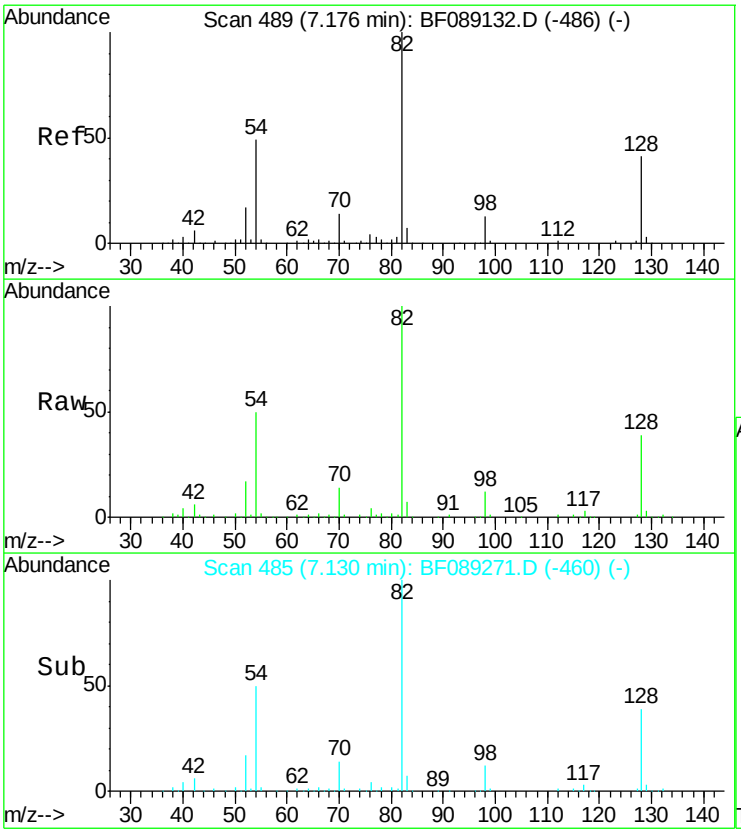
#22
Acetophenone
Concen: 3.80 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:105 Resp: 20207

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.8	5.6#
51	23.4	19.6	29.4
120	17.8	15.5	23.3

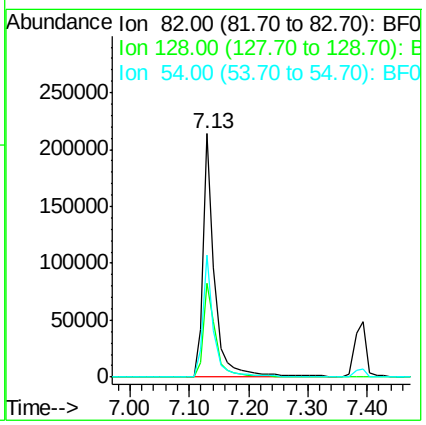


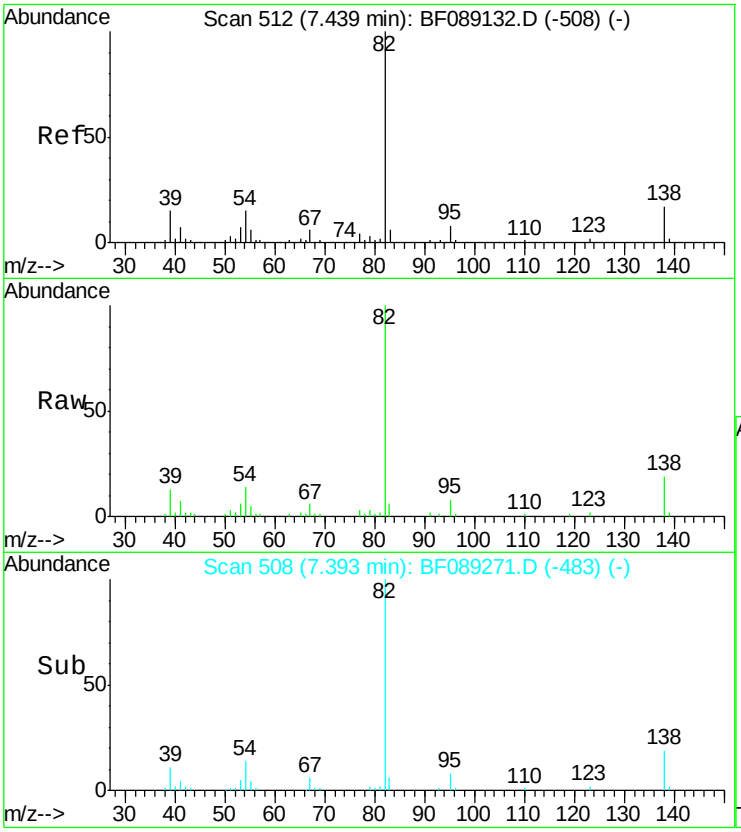


#23
Nitrobenzene-d5
Concen: 78.72 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion: 82 Resp: 295087

Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.0	49.6
54	50.1	39.0	58.4



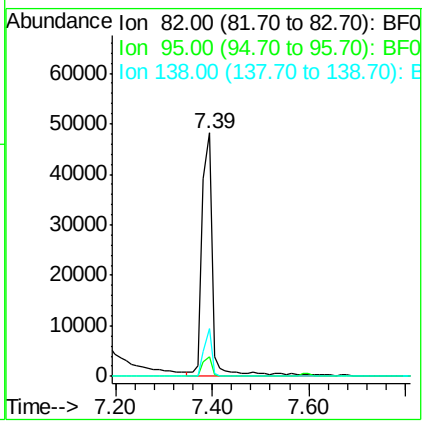


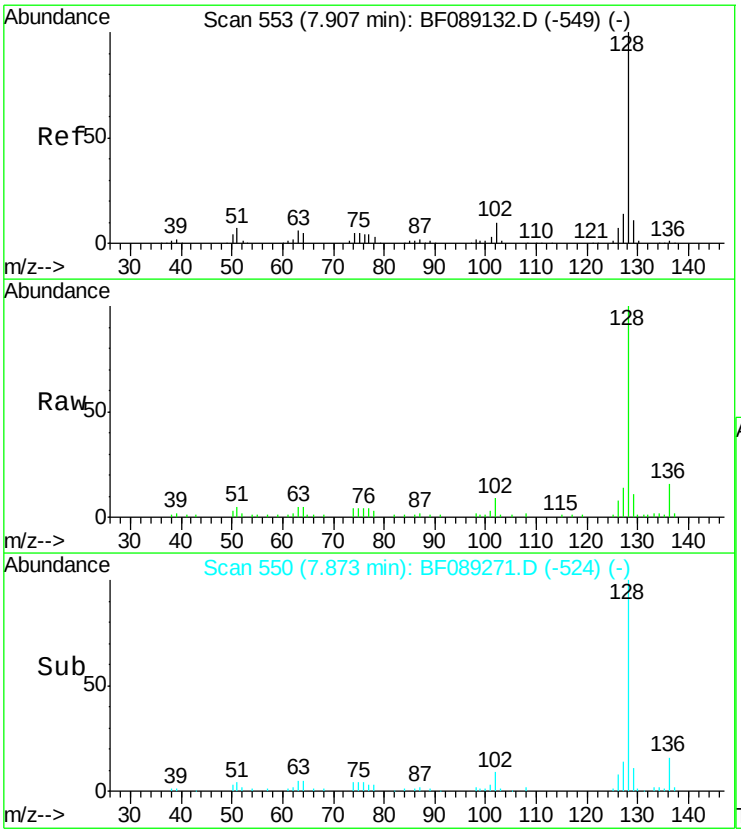
#25
Isophorone
Concen: 10.58 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion: 82 Resp: 73091

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.1	9.1
138	19.5	13.6	20.4

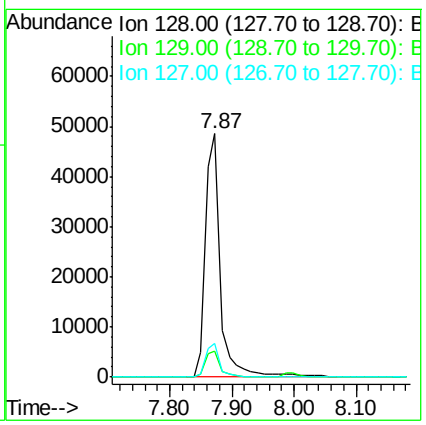


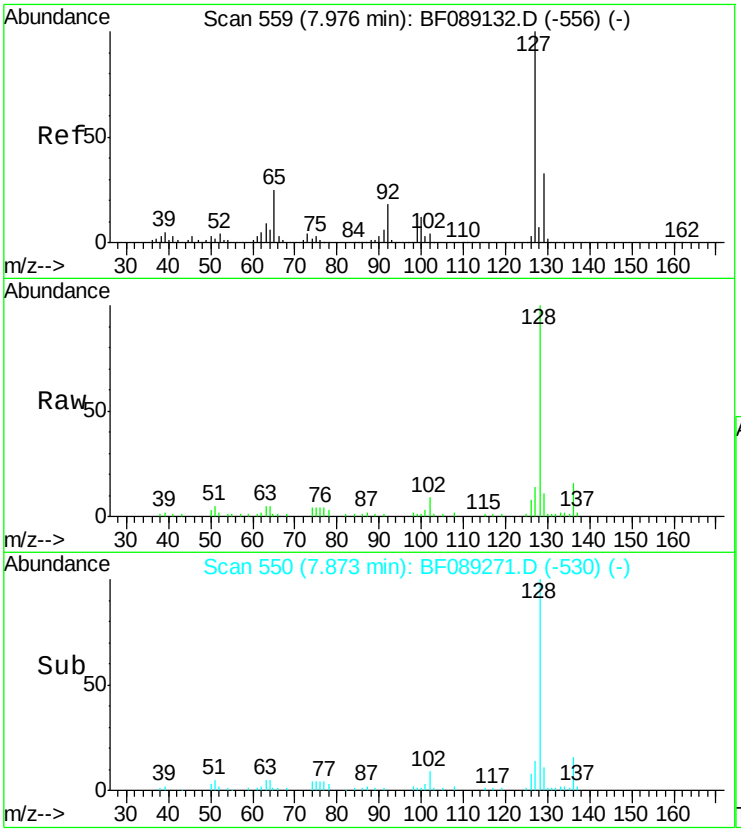


#31
Naphthalene
Concen: 7.62 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:128 Resp: 81926

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	14.0	10.8	16.2



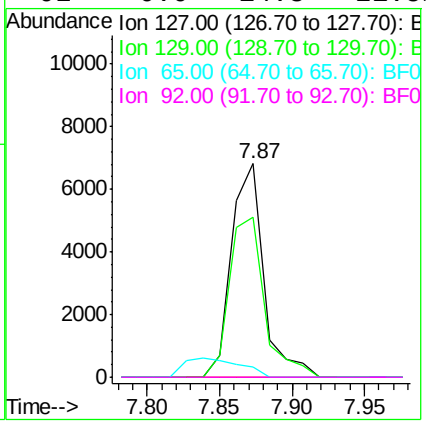


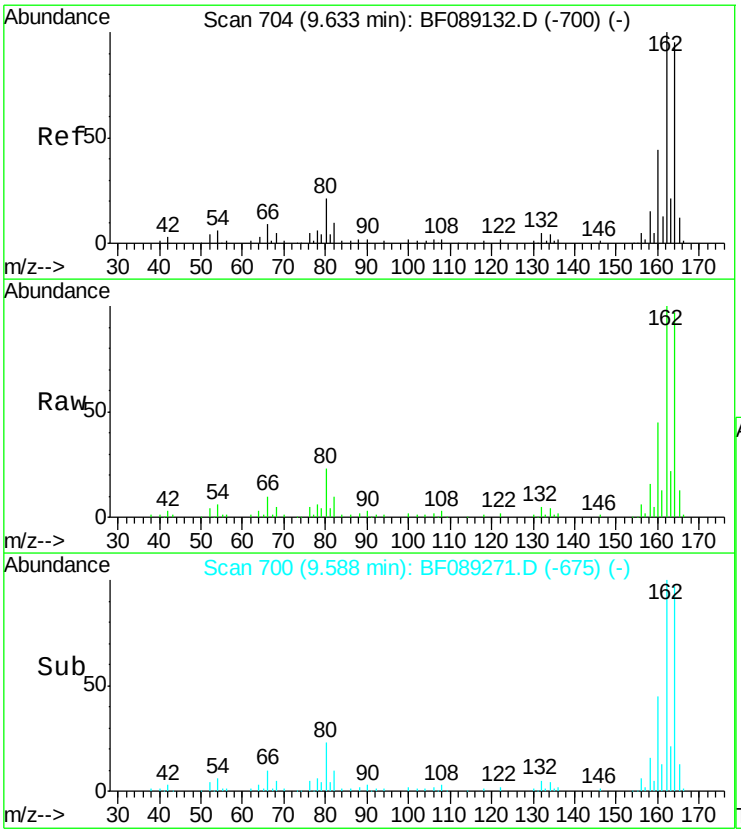
#33
4-Chloroaniline
Concen: 2.33 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.07 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:127 Resp: 10534

Ion	Ratio	Lower	Upper
127	100		
129	74.9	25.9	38.9#
65	4.9	19.7	29.5#
92	0.0	14.3	21.5#

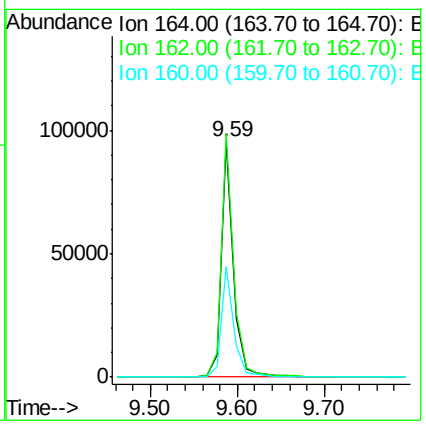


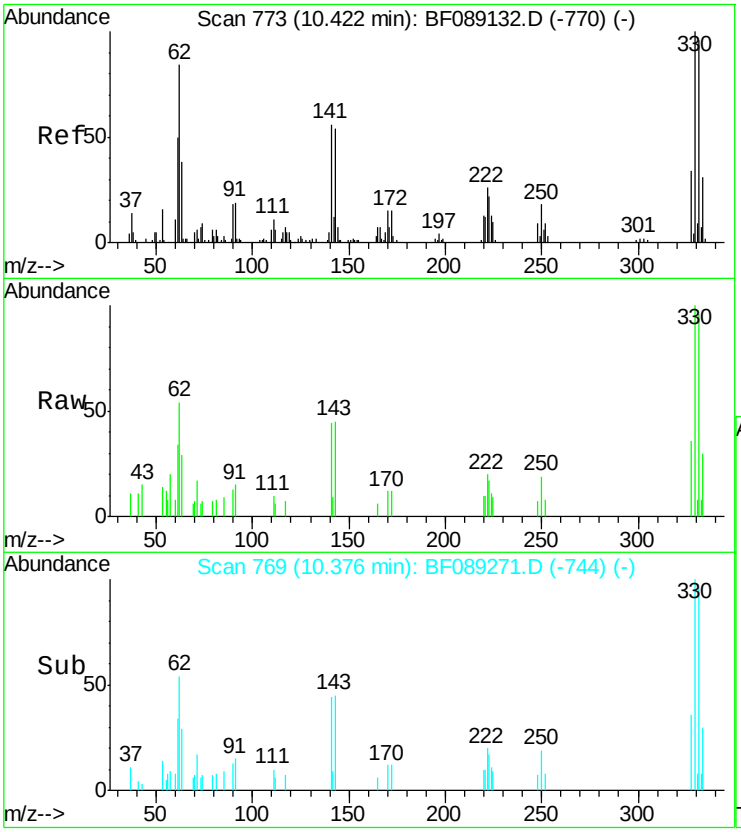


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:164 Resp: 93917

Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.1	126.1
160	47.0	37.1	55.7



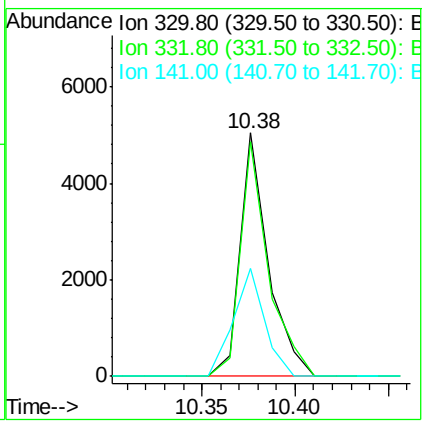


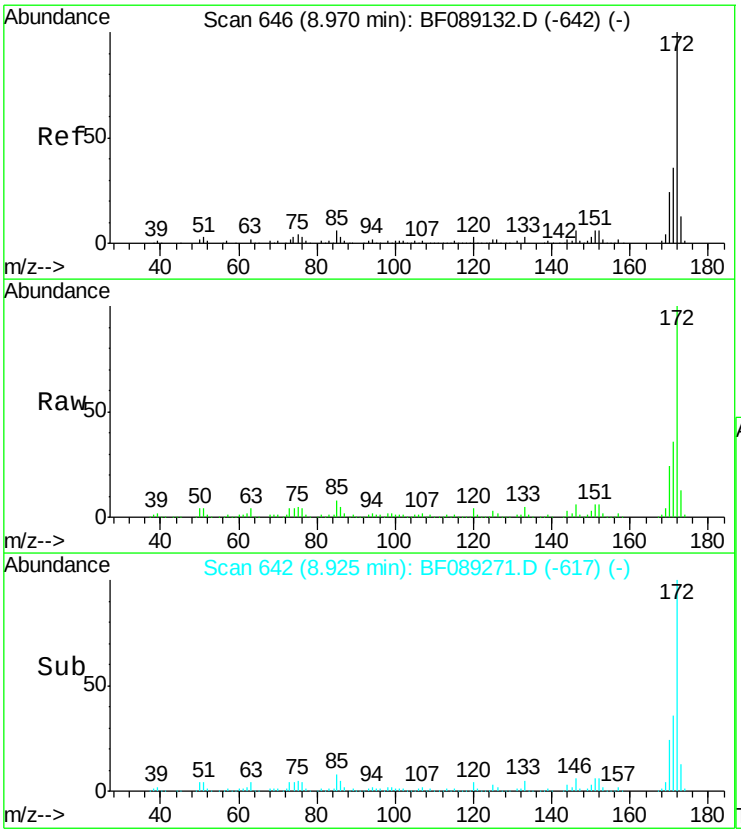
#41
2,4,6-Tribromophenol
Concen: 6.25 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:330 Resp: 5286

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	49.0	42.2	63.2

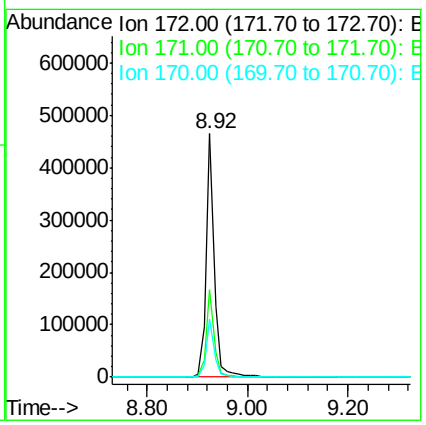


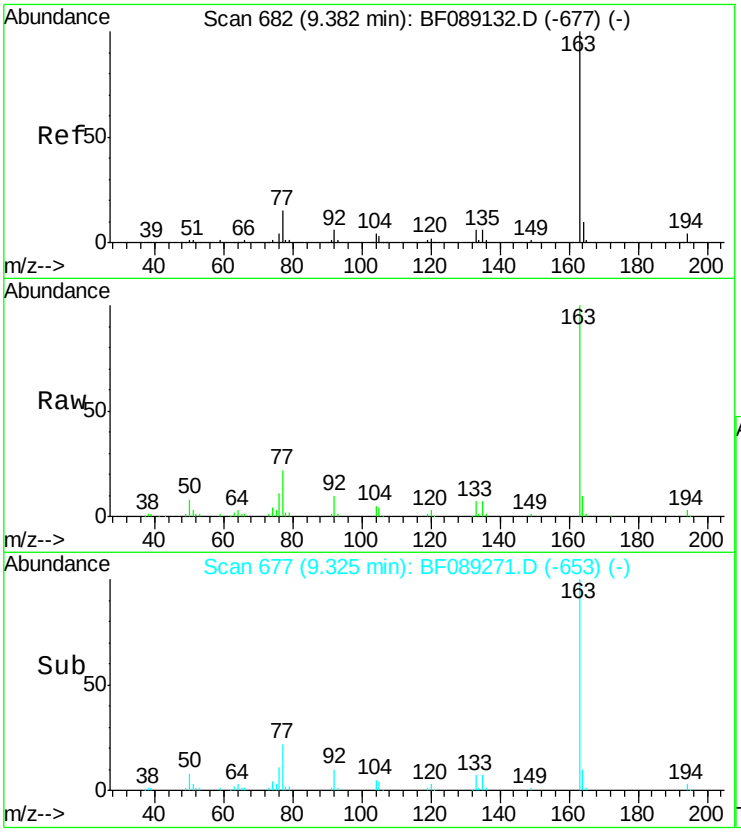


#44
2-Fluorobiphenyl
Concen: 77.70 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:172 Resp: 529647

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.6	19.1	28.7



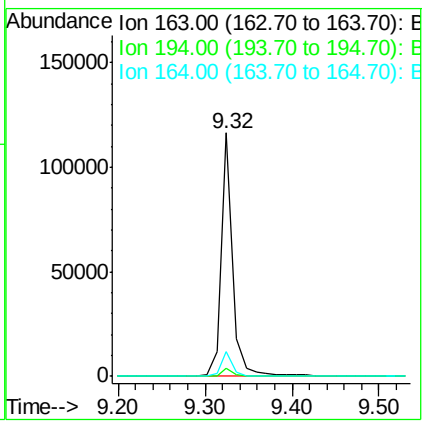


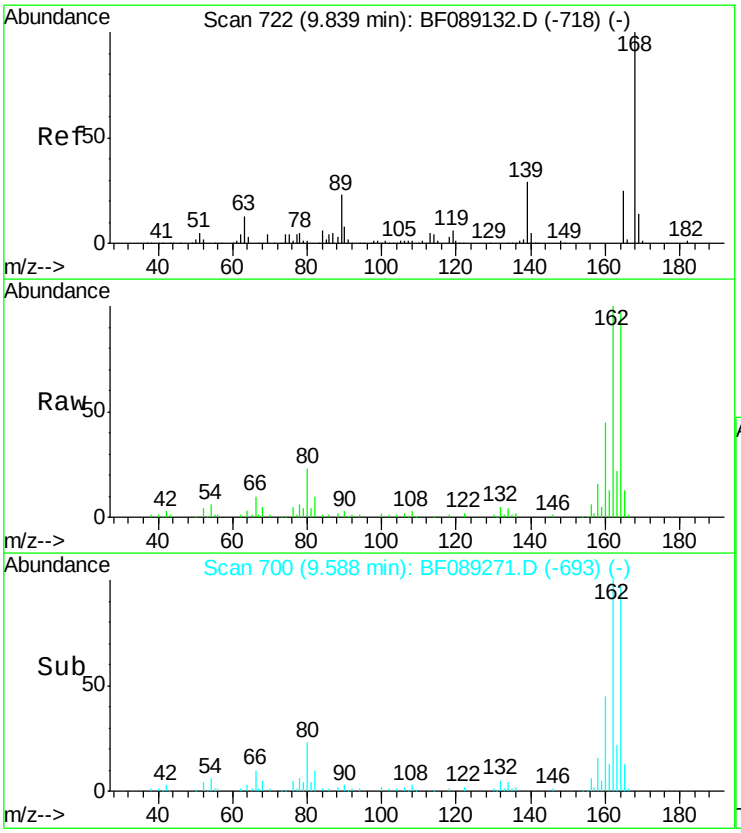
#49
Dimethylphthalate
Concen: 14.99 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:163 Resp: 108063

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.1	7.6	11.4

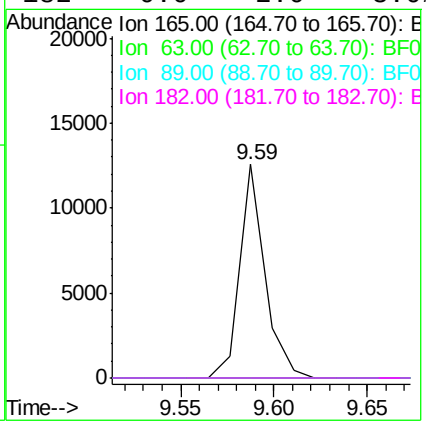


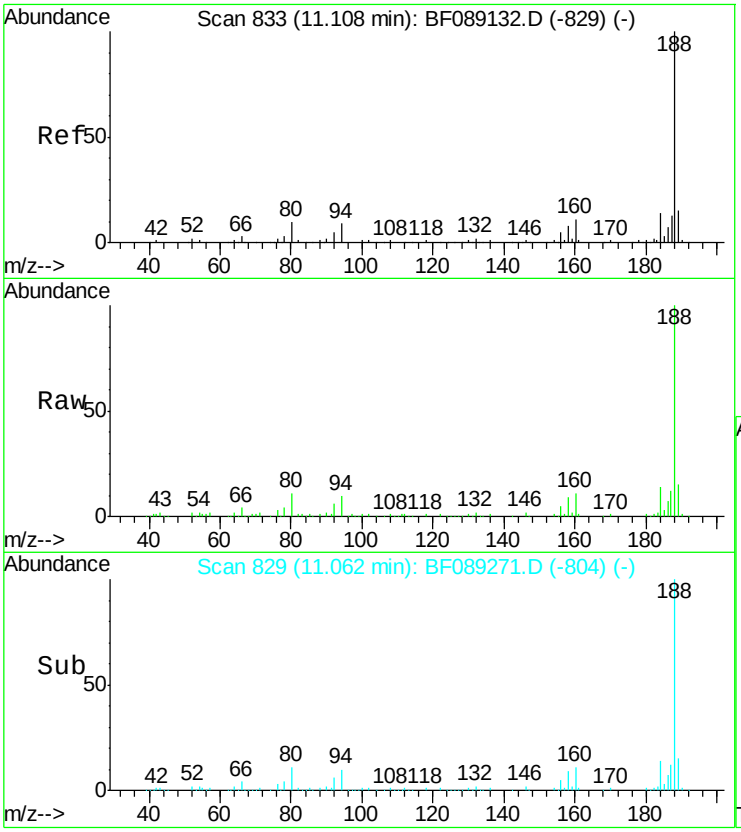


#56
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.22 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:165 Resp: 11809

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#



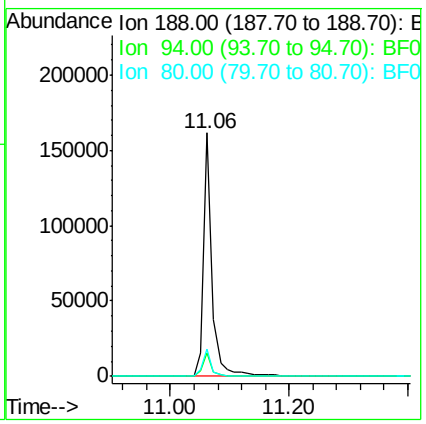


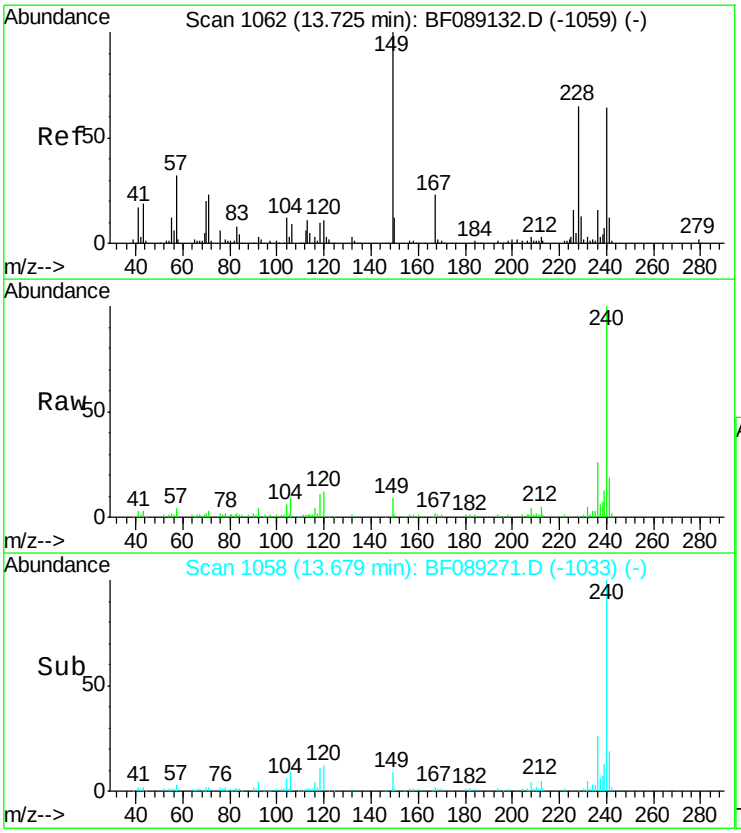
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:188 Resp: 166694

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	11.2	7.7	11.5

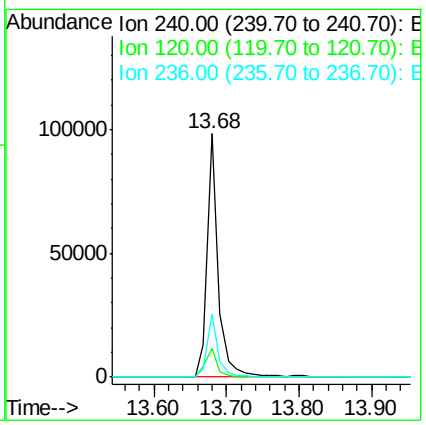


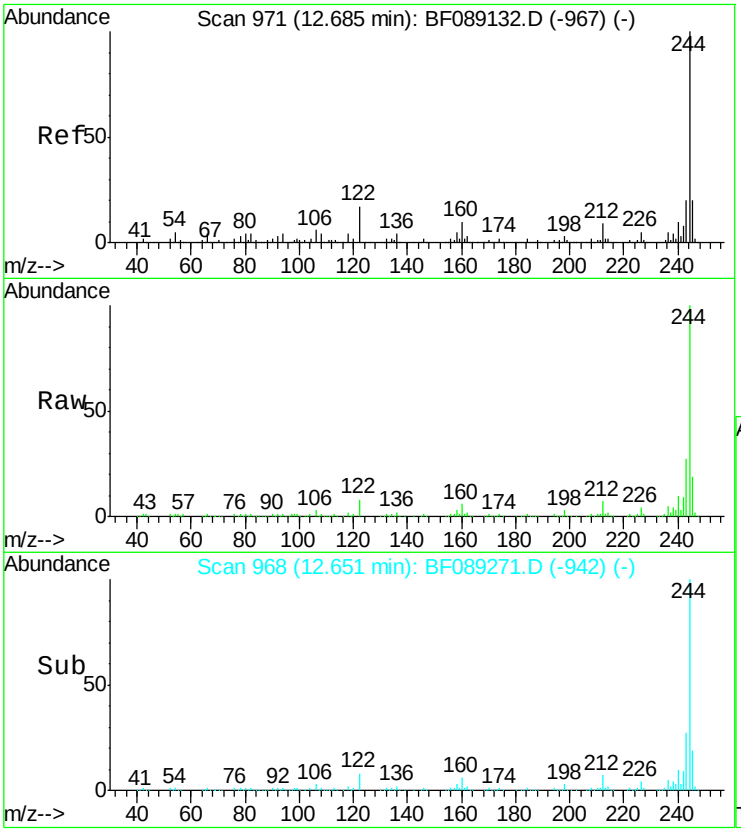


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:240 Resp: 105281

Ion	Ratio	Lower	Upper
240	100		
120	11.6	13.6	20.4#
236	25.9	20.5	30.7



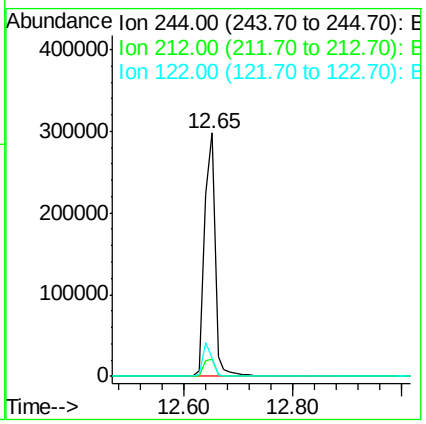


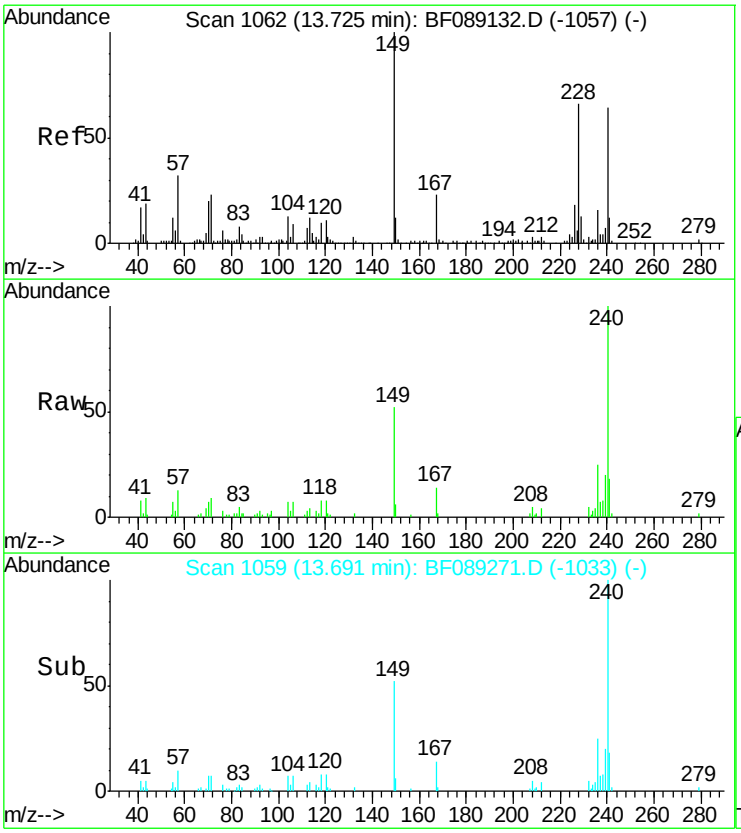
#78
Terphenyl-d14
Concen: 81.82 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:244 Resp: 397143

Ion	Ratio	Lower	Upper
244	100		
212	7.1	7.0	10.4
122	7.6	13.8	20.8#

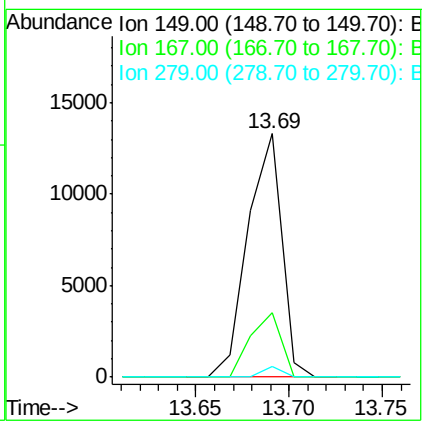


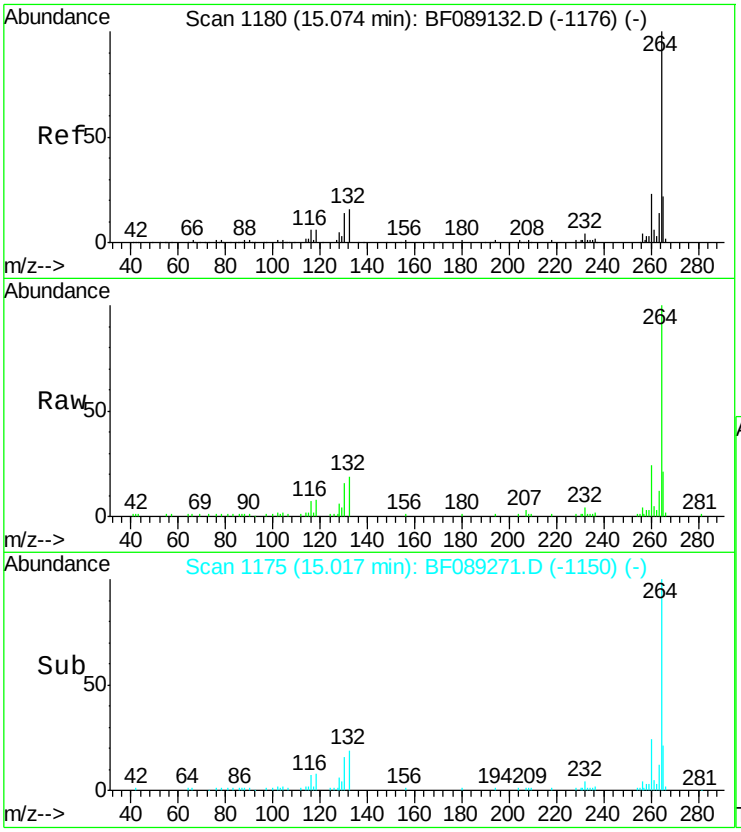


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.44 ng
RT: 13.69 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:149 Resp: 16762

Ion	Ratio	Lower	Upper
149	100		
167	26.2	18.6	28.0
279	4.4	1.6	2.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Instrument :
BNA_F
ClientSampleId :
GW-10-6.0-15.0RE

Tgt Ion:264 Resp: 79333

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.0	17.3	25.9