Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086710.D
Acq On : 5 May 2016 15:28
Operator : UM/SJ
Sample : H2804-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILTER-CAKE

Quant Time: May 06 01:13:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	195579	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	799782	40.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	378394	40.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	768100	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	601802	40.00	ng	-0.01
86) Perylene-d12	15.25	264	487332	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1116793	94.53	ng	0.01
7) Phenol-d6	6.37	99	1566001	98.40	ng	0.00
23) Nitrobenzene-d5	7.30	82	1605161	103.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	492775	133.13	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	2307384	99.96	ng	-0.01
78) Terphenyl-d14	12.83	244	2117979	71.13	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.88	79	26161	2.54	ng	# 45
19) n-Nitroso-di-n-propylamine	7.30	70	224544	20.65	ng	# 80
31) Naphthalene	8.03	128	196018	4.80	ng	99
32) Benzoic acid	7.76	122	16189	11.13	ng	# 80
50) 2,6-Dinitrotoluene	9.76	165	49349	8.15	ng	# 20
56) 2,4-Dinitrotoluene	9.76	165	49353	6.58	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.54	198	1110	5.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	29457	3.86	ng	# 1
69) Pentachlorophenol	11.05	266	3406	6.52	ng	90

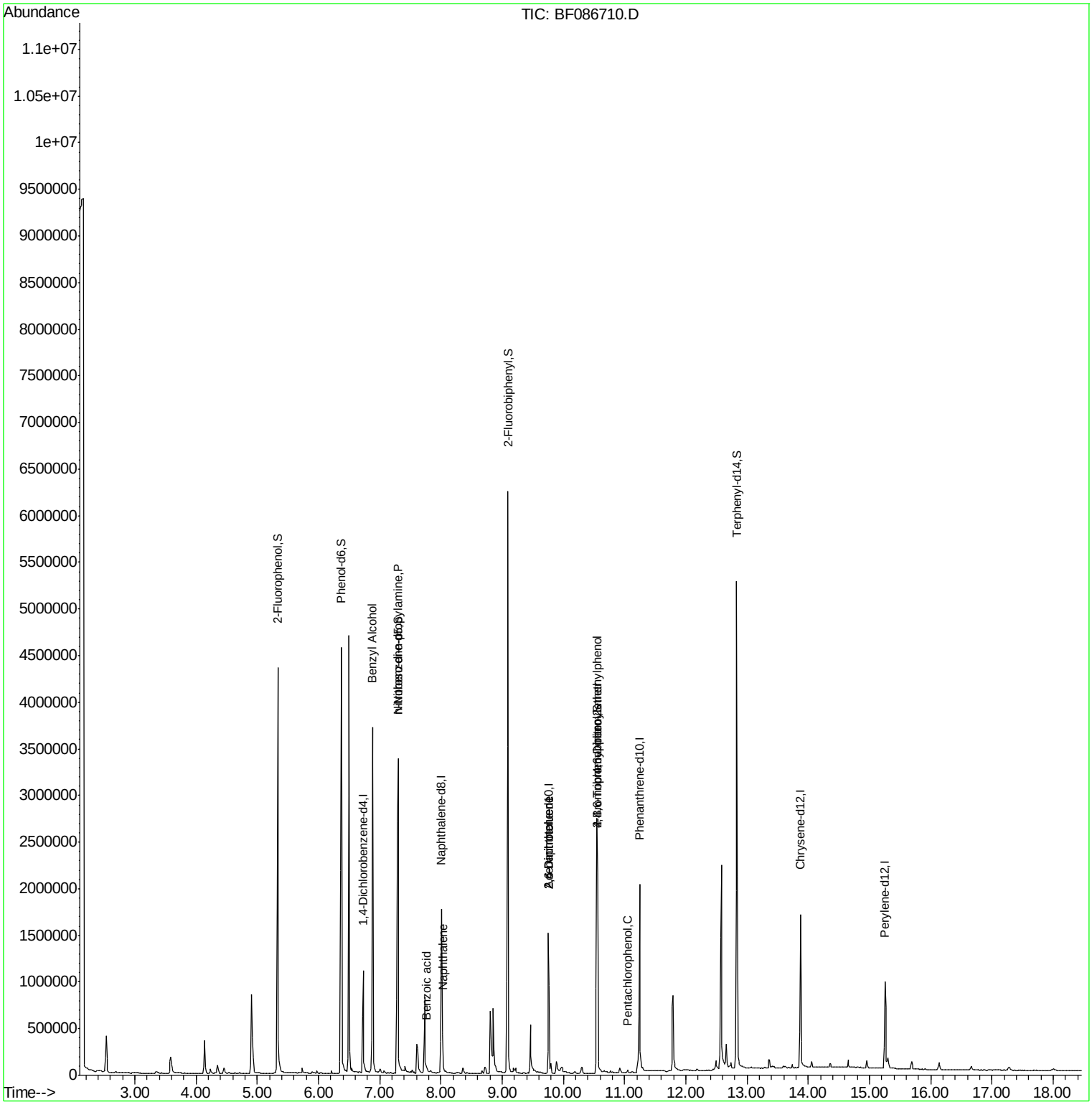
(#) = qualifier out of range (m) = manual integration (+) = signals summed

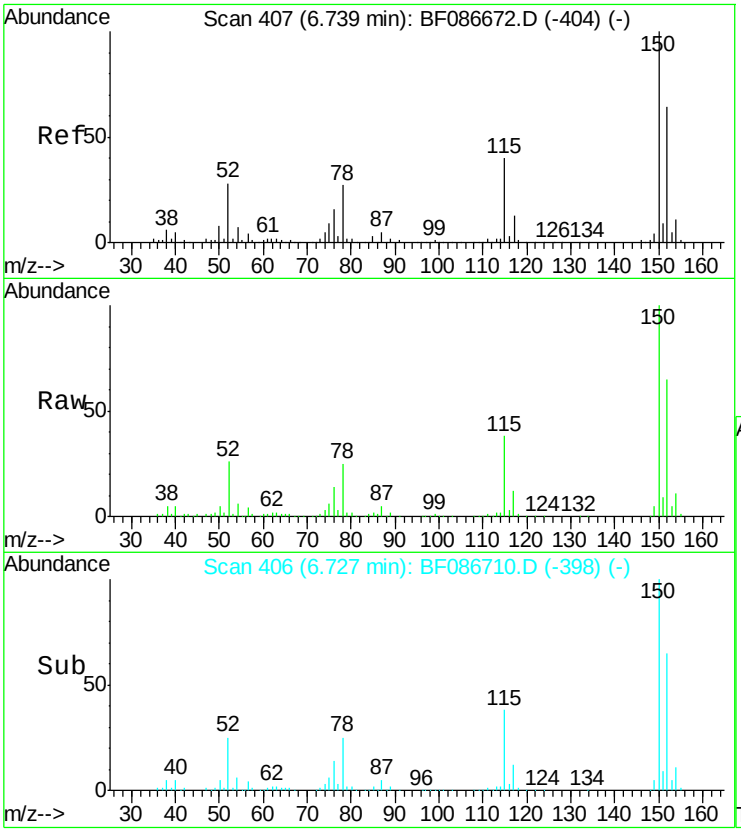
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086710.D
Acq On : 5 May 2016 15:28
Operator : UM/SJ
Sample : H2804-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Quant Time: May 06 01:13:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration



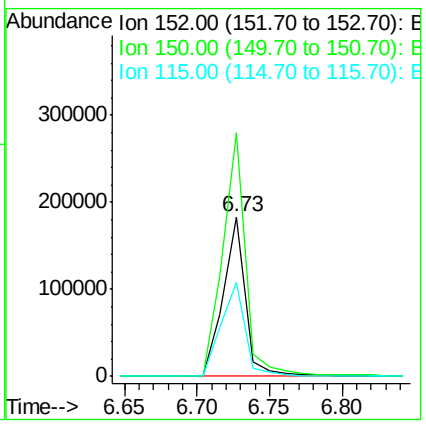


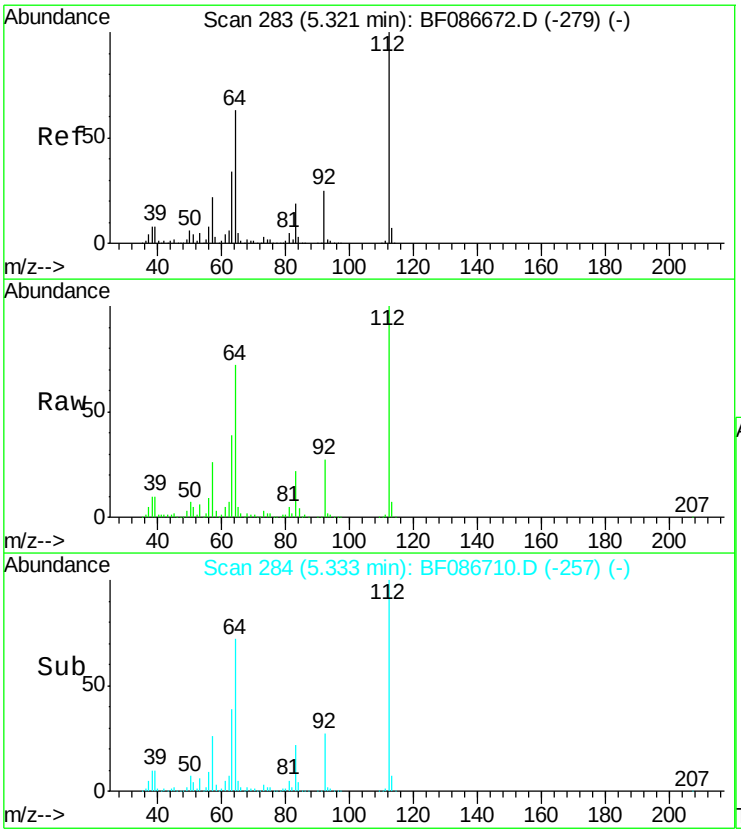
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion:152 Resp: 195579

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.8	188.6
115	58.9	51.5	77.3

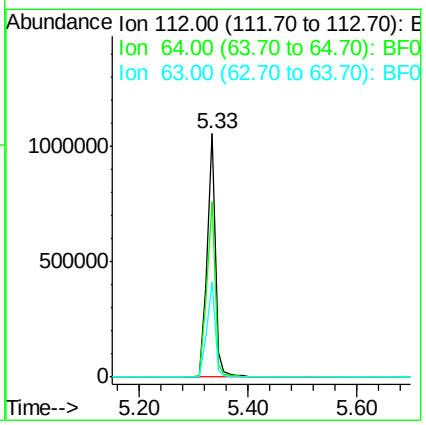


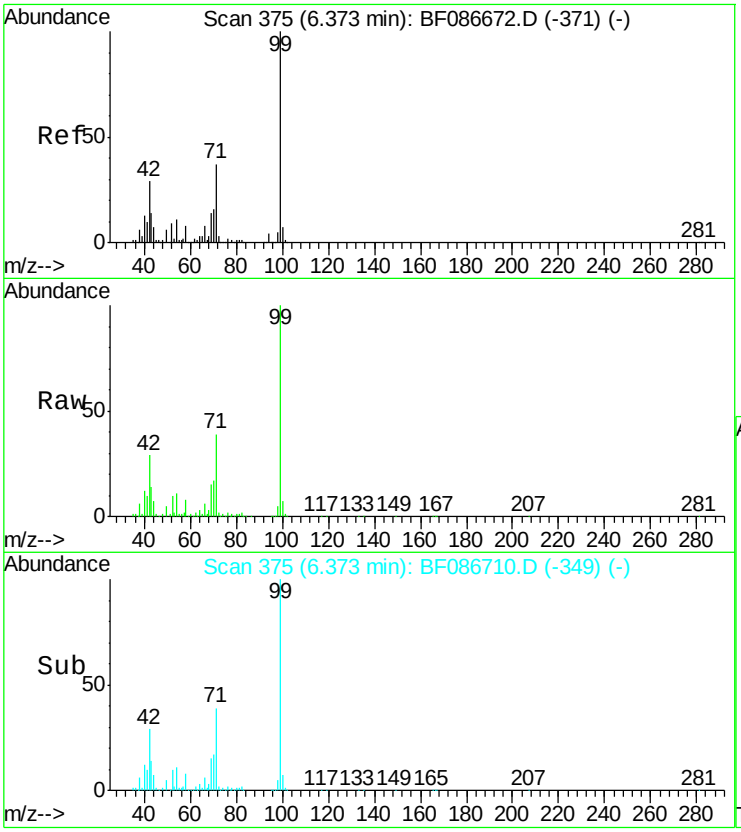


#5
2-Fluorophenol
Concen: 94.53 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion:112 Resp: 1116793

Ion	Ratio	Lower	Upper
112	100		
64	71.9	52.1	78.1
63	38.8	25.7	38.5#



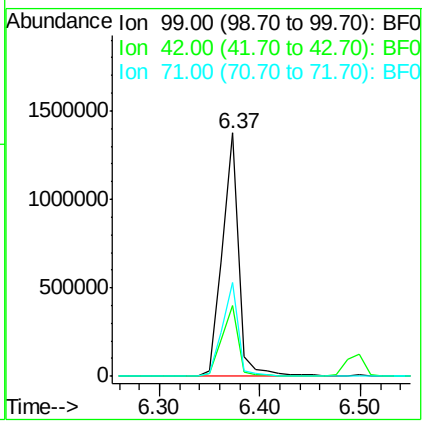


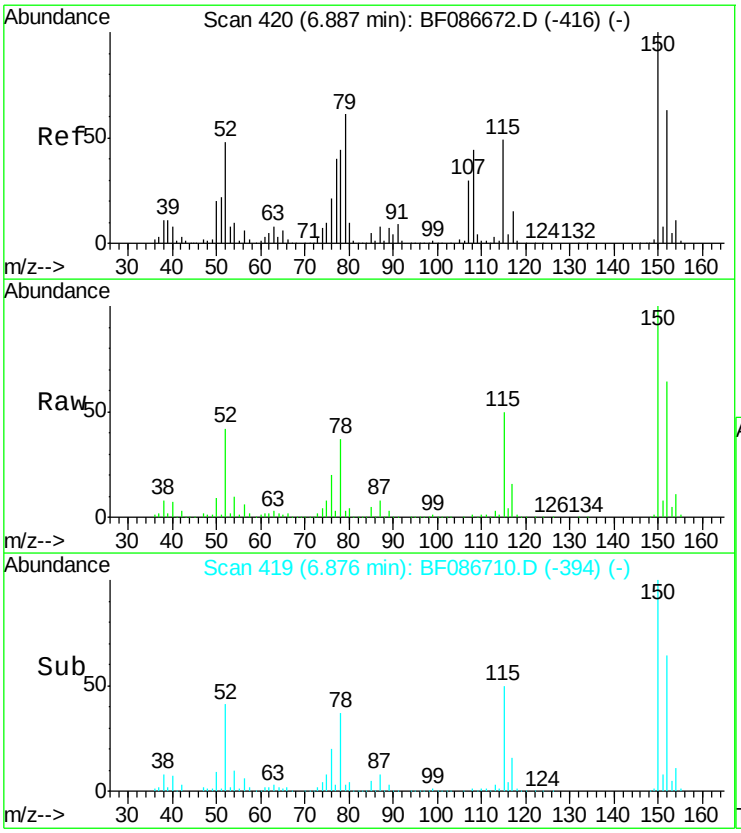
#7
Phenol-d6
Concen: 98.40 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion: 99 Resp: 1566001

Ion	Ratio	Lower	Upper
99	100		
42	29.2	13.6	20.4#
71	38.6	24.6	36.8#

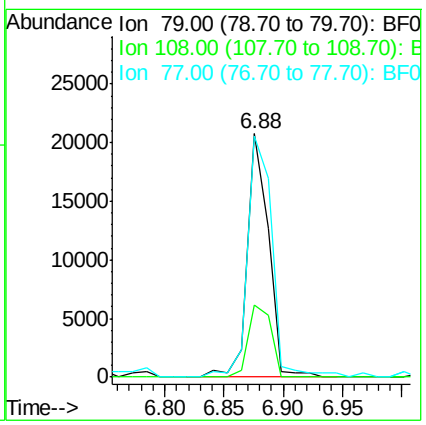


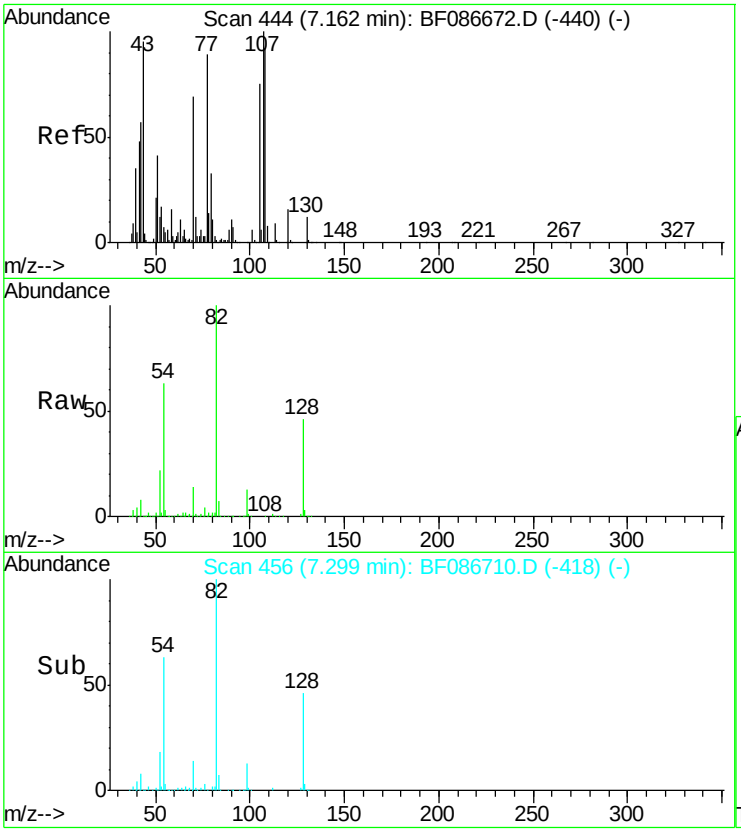


#15
Benzyl Alcohol
Concen: 2.54 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion: 79 Resp: 26161

Ion	Ratio	Lower	Upper
79	100		
108	29.4	68.4	102.6#
77	98.9	50.6	76.0#



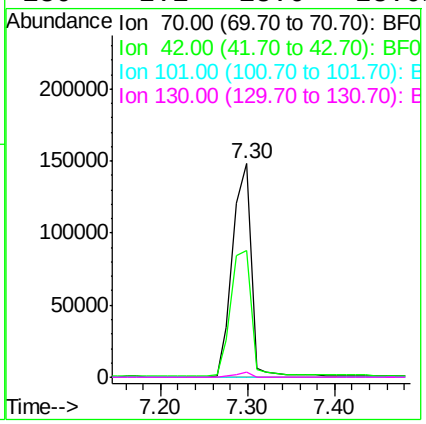


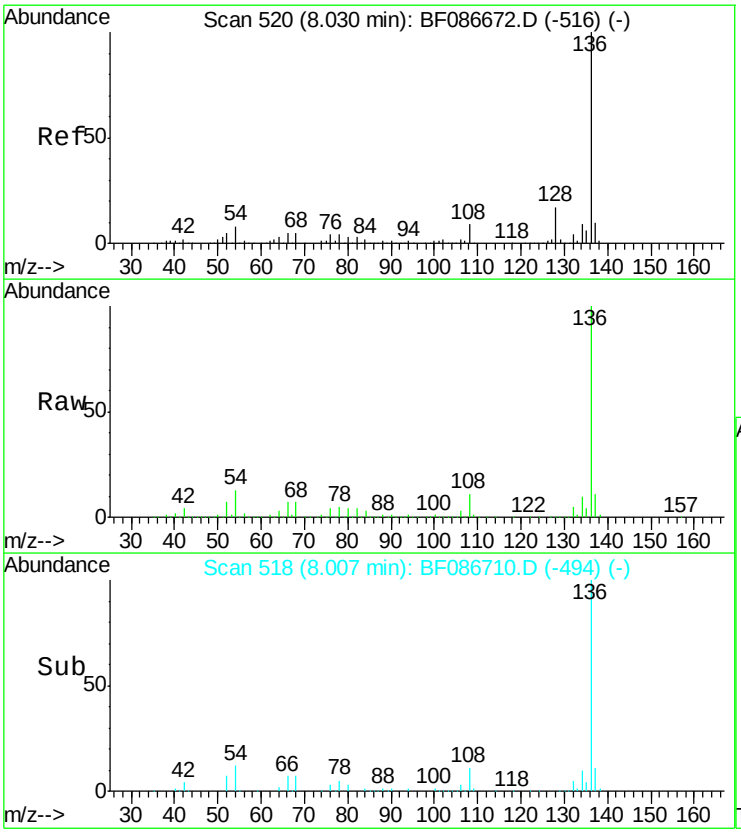
#19
n-Nitroso-di-n-propylamine
Concen: 20.65 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion: 70 Resp: 224544

Ion	Ratio	Lower	Upper
70	100		
42	59.5	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

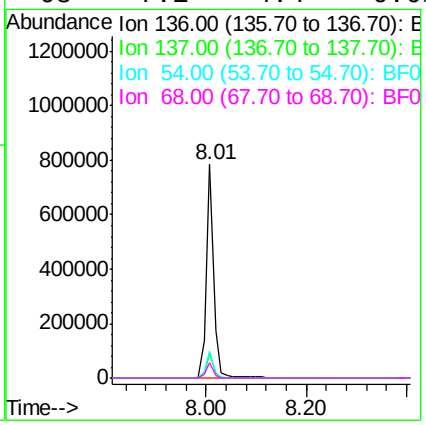


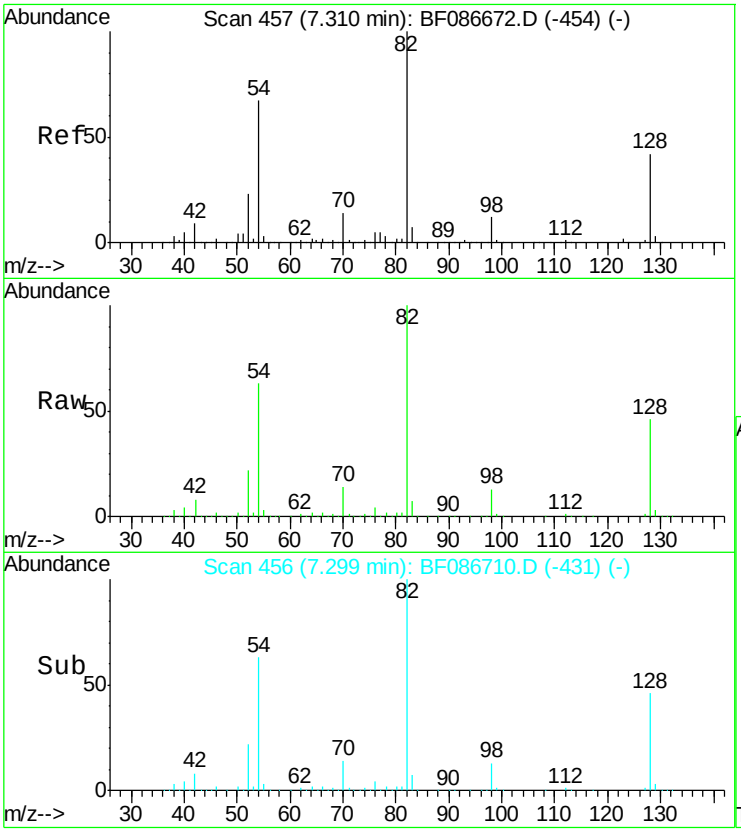


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion:136 Resp: 799782

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	12.7	5.0	7.4#
68	7.1	4.4	6.6#



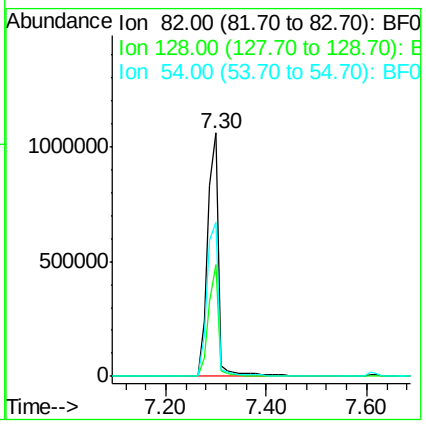


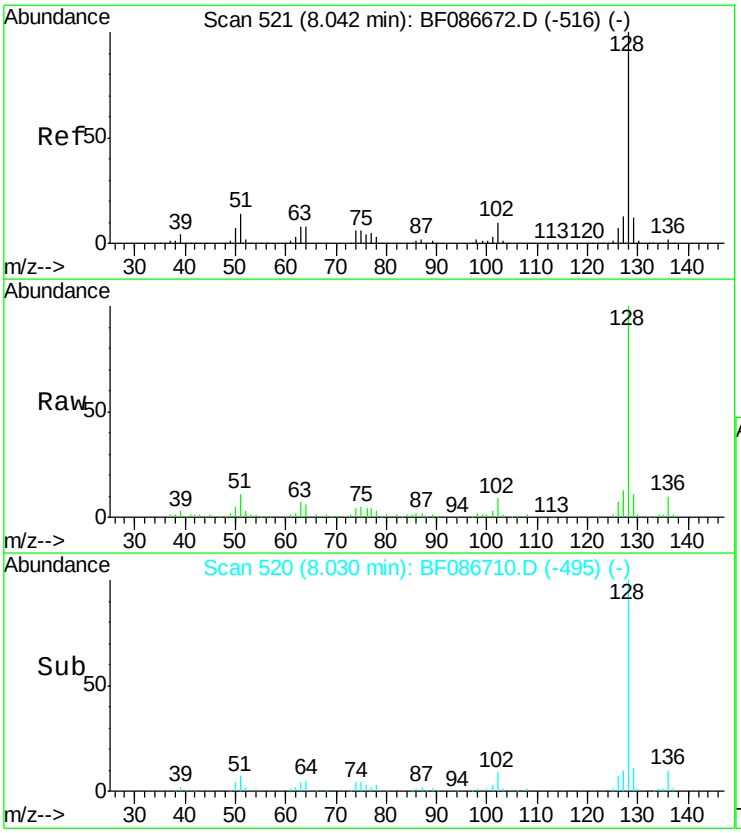
#23
Nitrobenzene-d5
Concen: 103.14 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion: 82 Resp: 1605161

Ion	Ratio	Lower	Upper
82	100		
128	45.9	40.6	61.0
54	63.4	38.1	57.1#

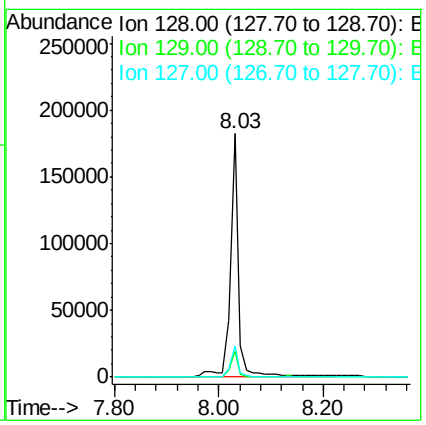


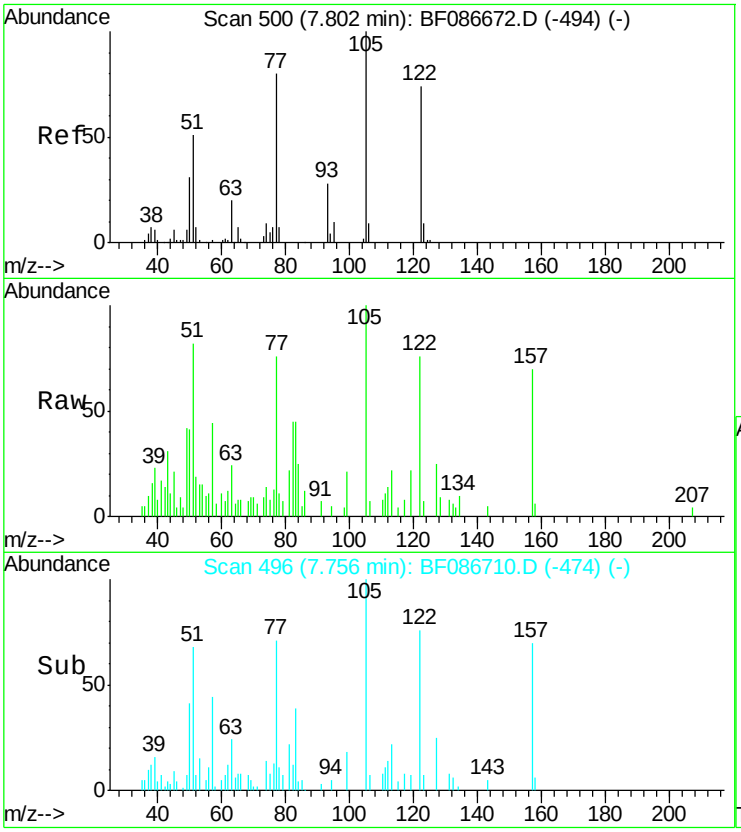


#31
Naphthalene
Concen: 4.80 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion:128 Resp: 196018

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.6	10.8	16.2



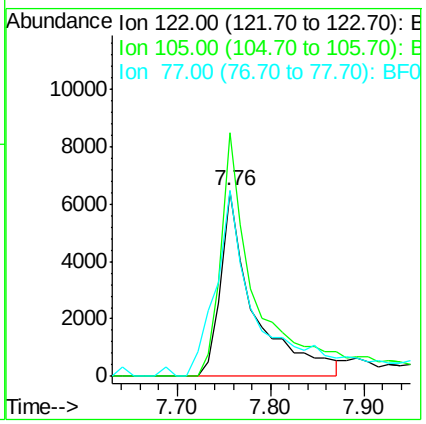


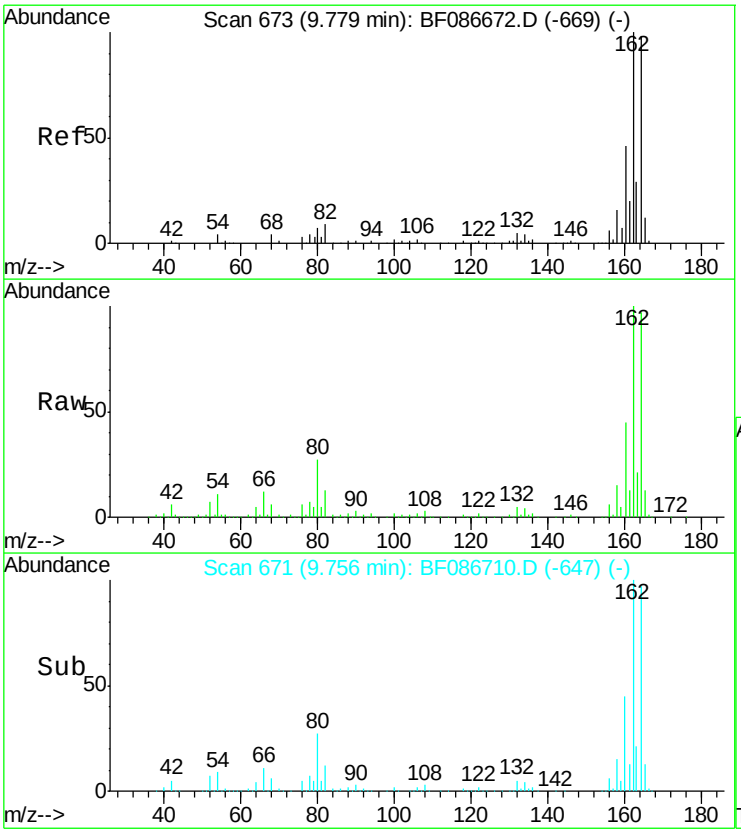
#32
Benzoic acid
Concen: 11.13 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.05 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion:122 Resp: 16189

Ion	Ratio	Lower	Upper
122	100		
105	131.5	92.6	132.6
77	100.5	60.0	100.0#

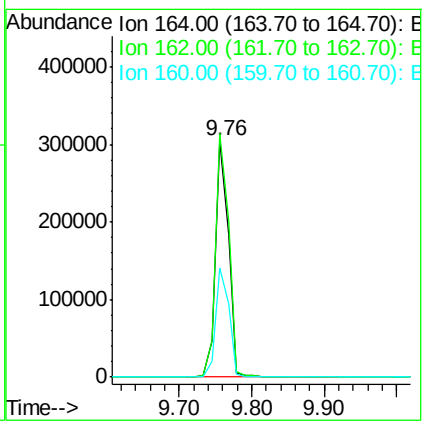


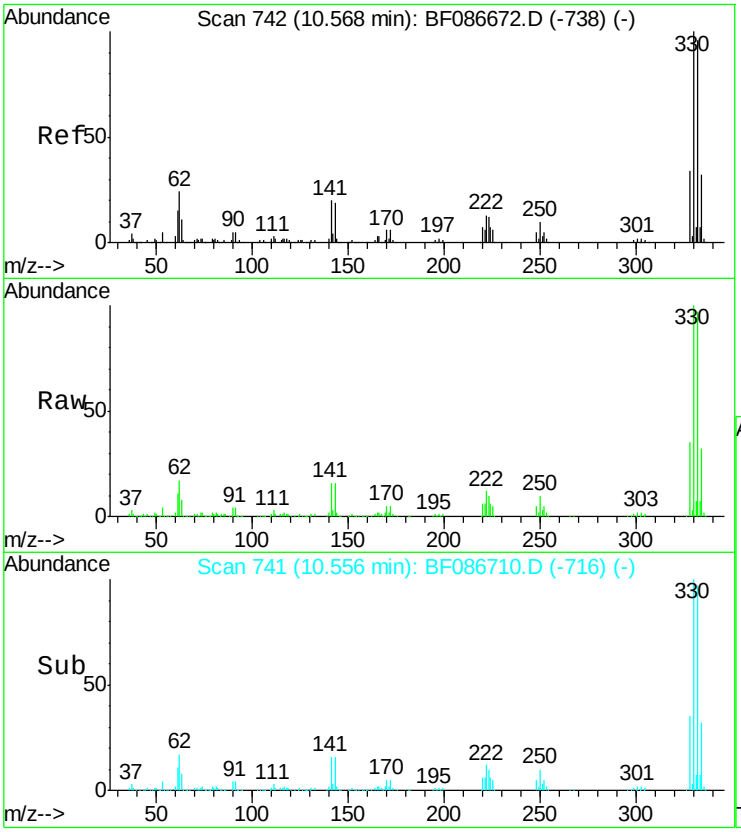


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion:164 Resp: 378394

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	46.2	36.9	55.3



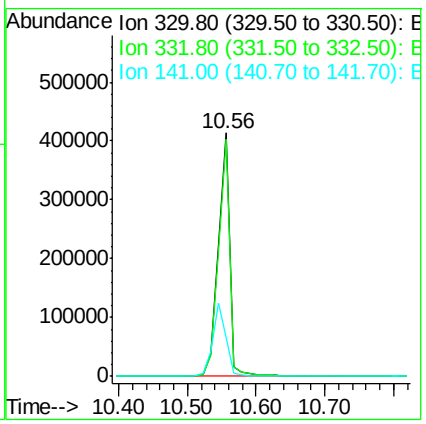


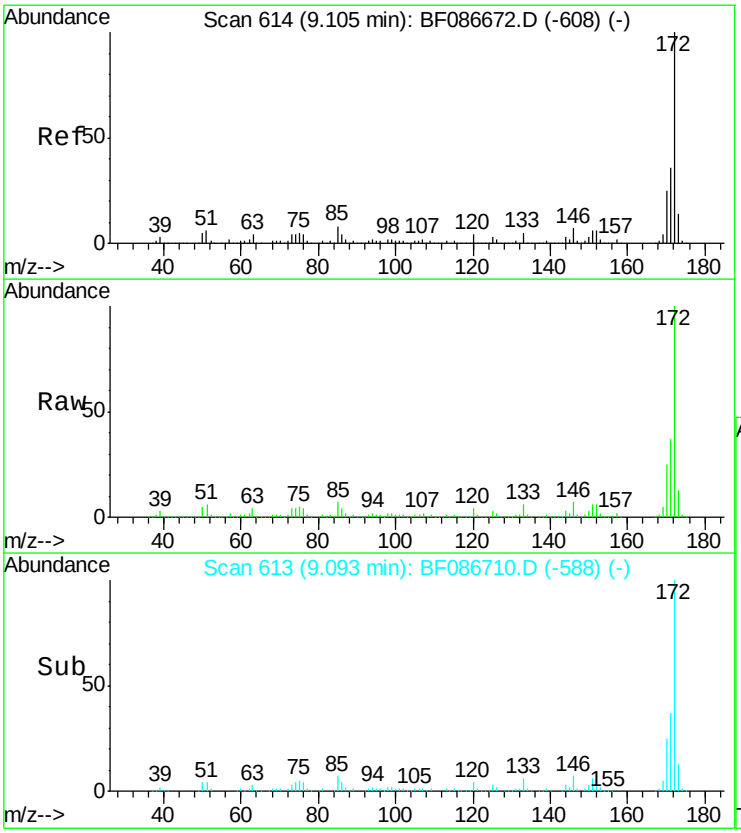
#41
2,4,6-Tribromophenol
Concen: 133.13 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion:330 Resp: 492775

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	35.2	31.2	46.8

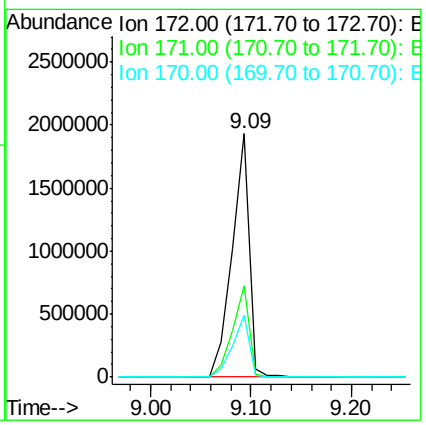


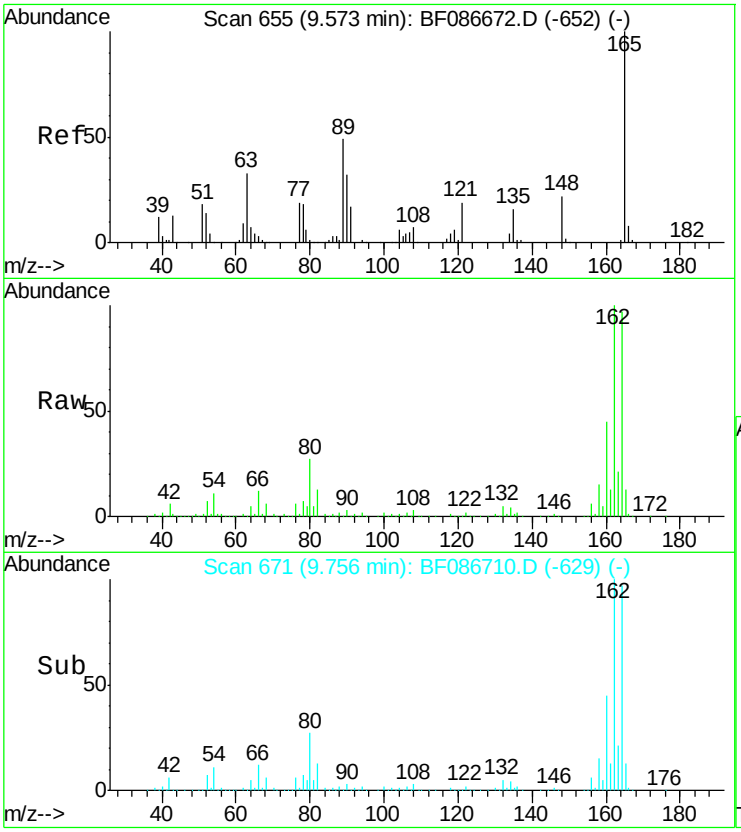


#44
2-Fluorobiphenyl
Concen: 99.96 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion:172 Resp: 2307384

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	25.3	19.8	29.8



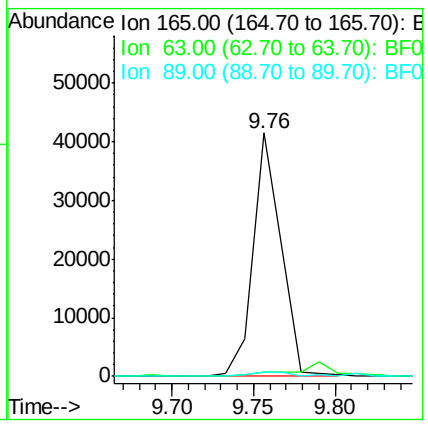


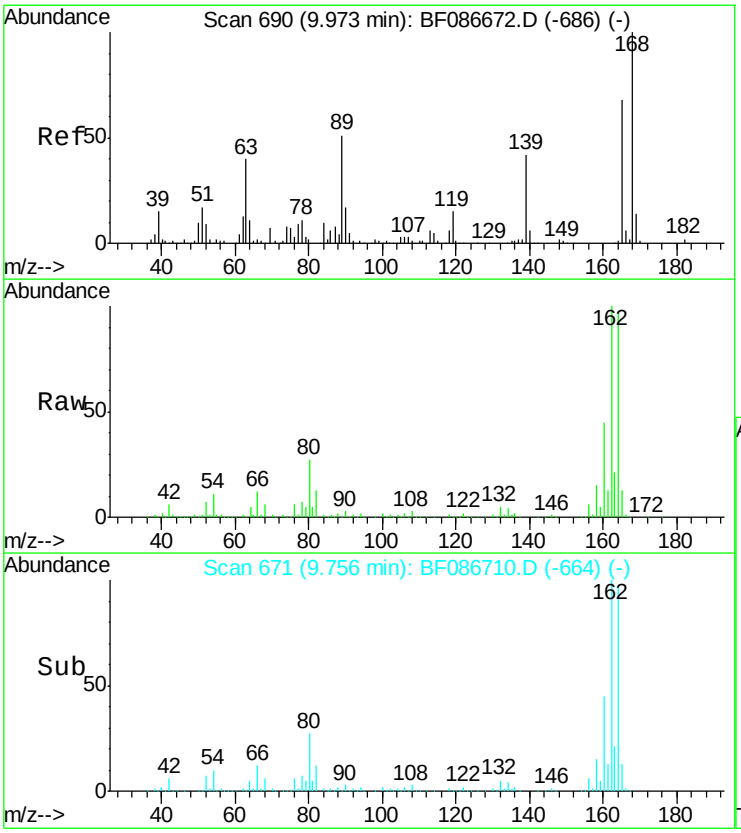
#50
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.18 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion:165 Resp: 49349

Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	1.9	50.7	76.1#

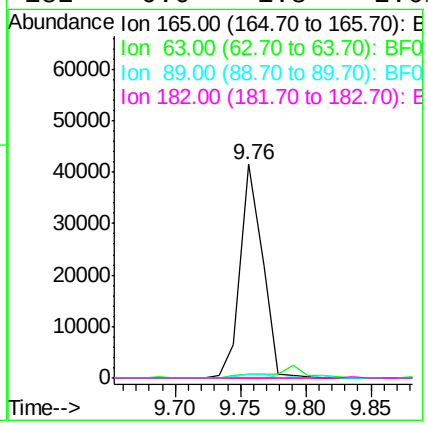


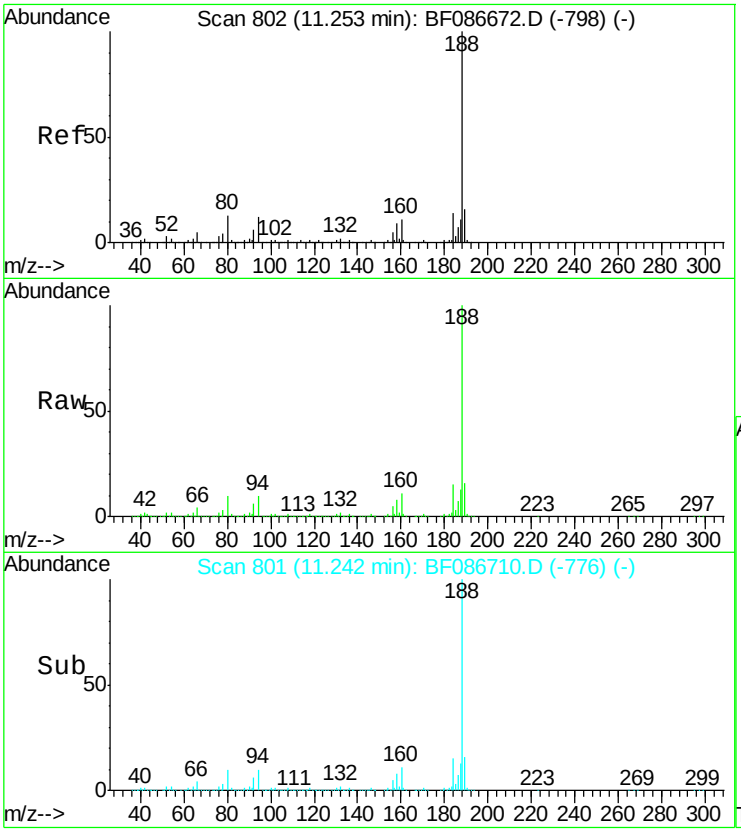


#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion:165 Resp: 49353

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#



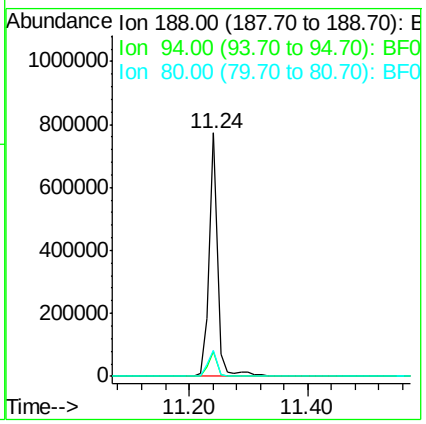


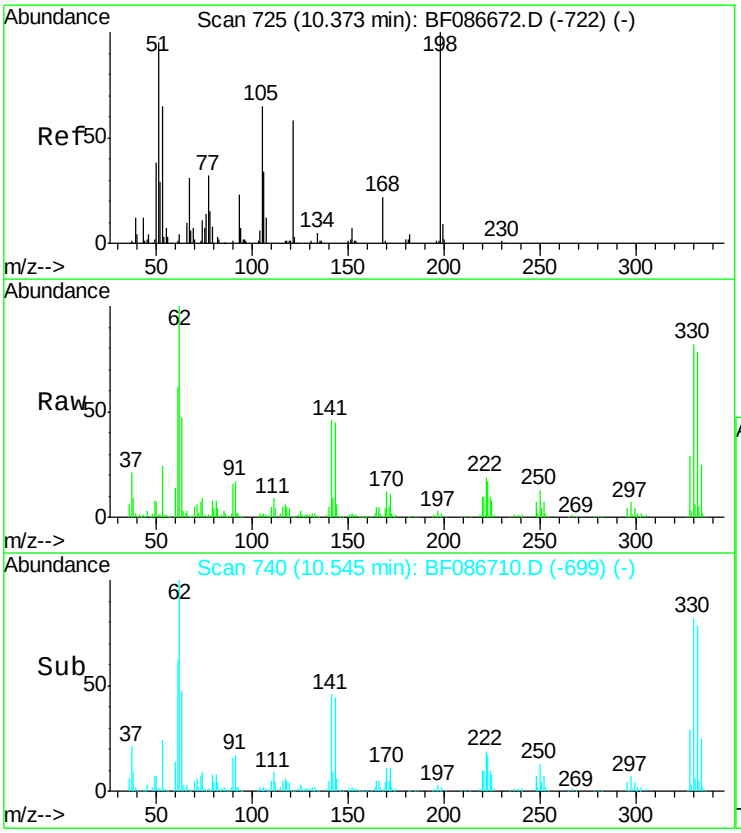
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion:188 Resp: 768100

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.8	10.2
80	10.4	7.1	10.7

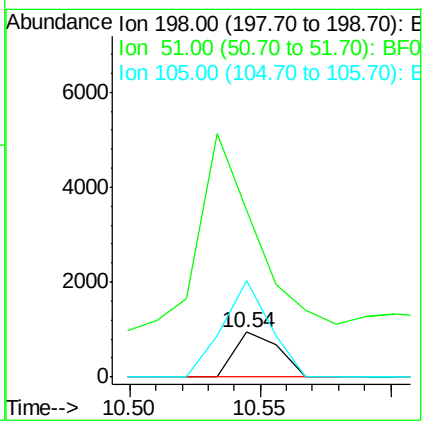


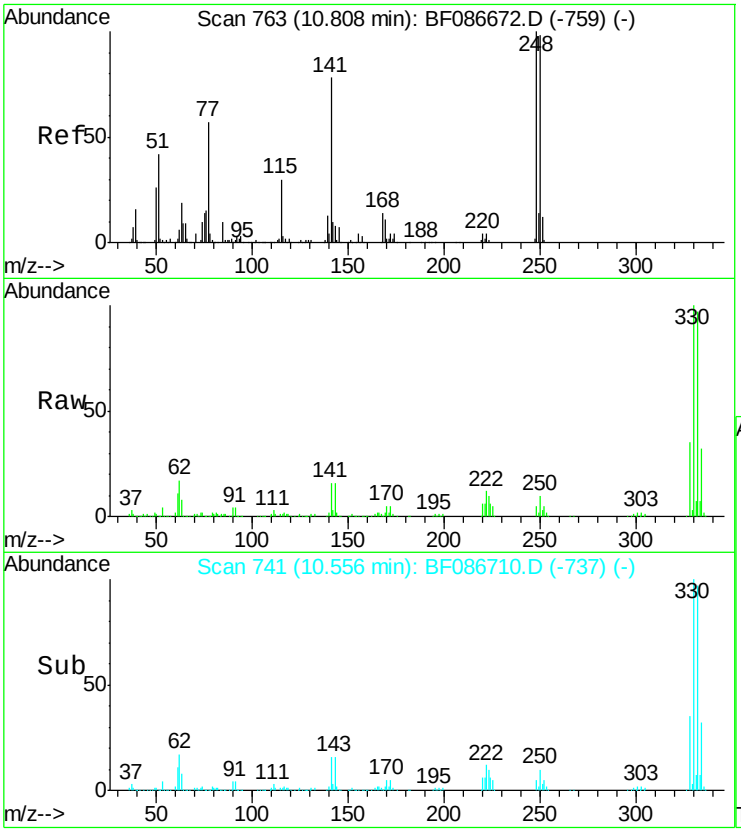


#64
4,6-Dinitro-2-methylphenol
Concen: 5.54 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.17 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion:198 Resp: 1110

Ion	Ratio	Lower	Upper
198	100		
51	371.8	20.5	60.5#
105	215.5	24.5	64.5#



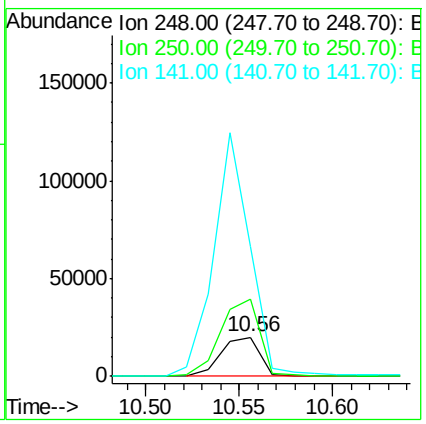


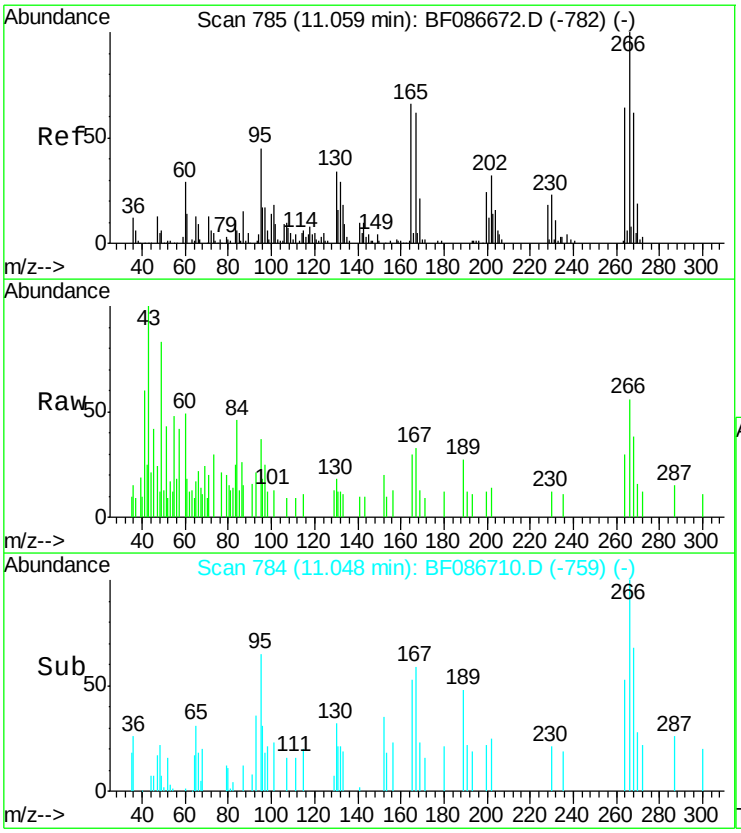
#66
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion:248 Resp: 29457

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.6	117.8#
141	332.4	76.0	114.0#

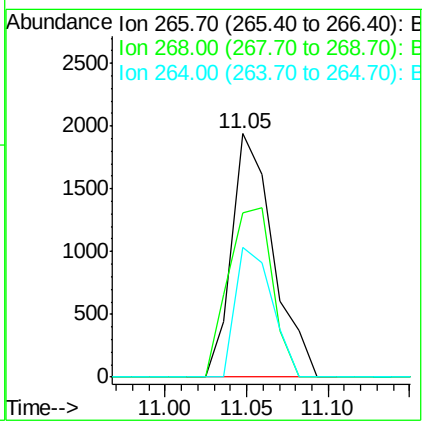


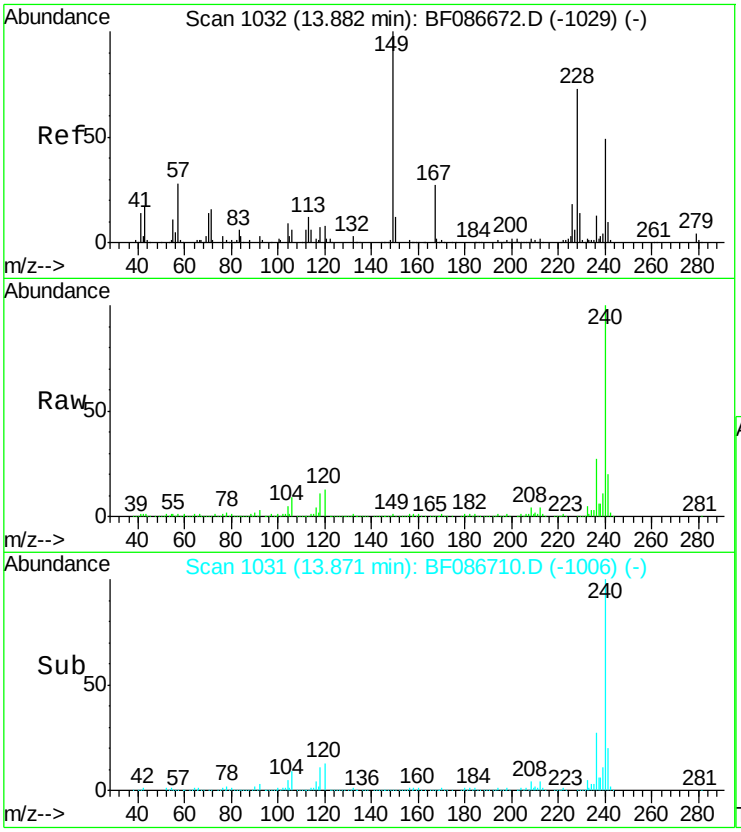


#69
Pentachlorophenol
Concen: 6.52 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion:266 Resp: 3406

Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.5	77.3
264	53.1	52.9	79.3



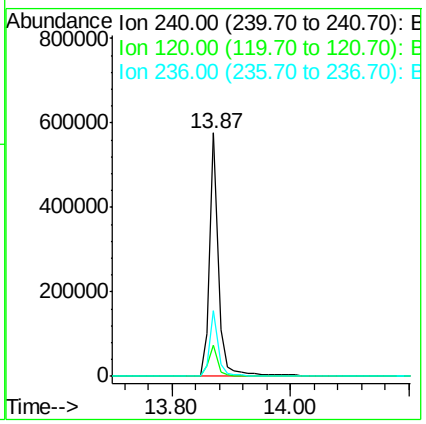


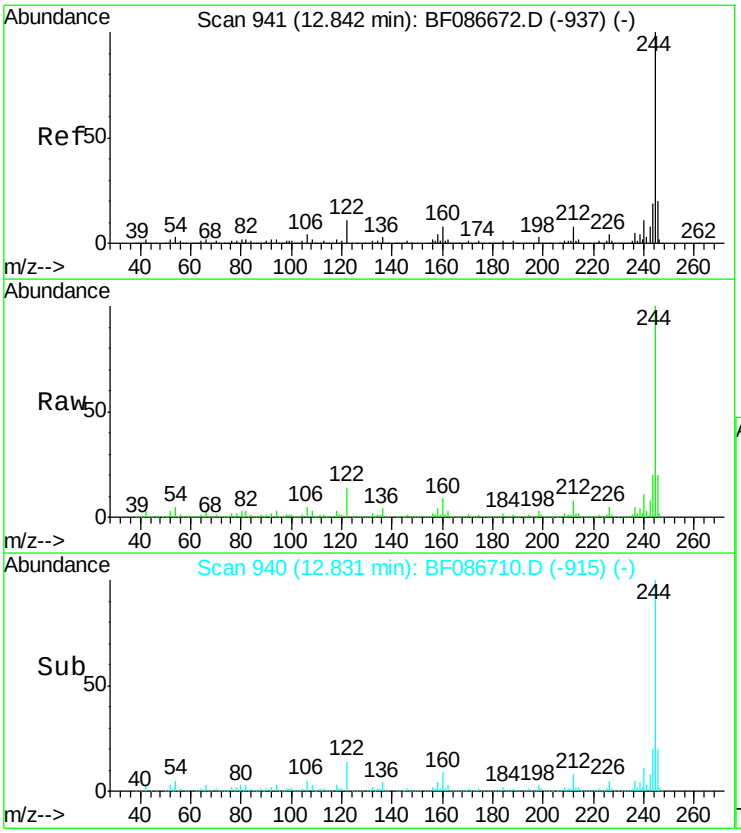
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion:240 Resp: 601802

Ion	Ratio	Lower	Upper
240	100		
120	12.6	11.2	16.8
236	27.1	21.2	31.8

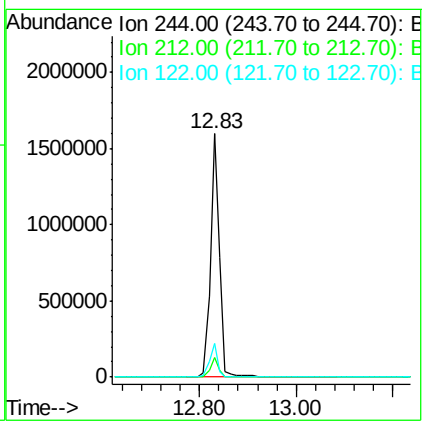


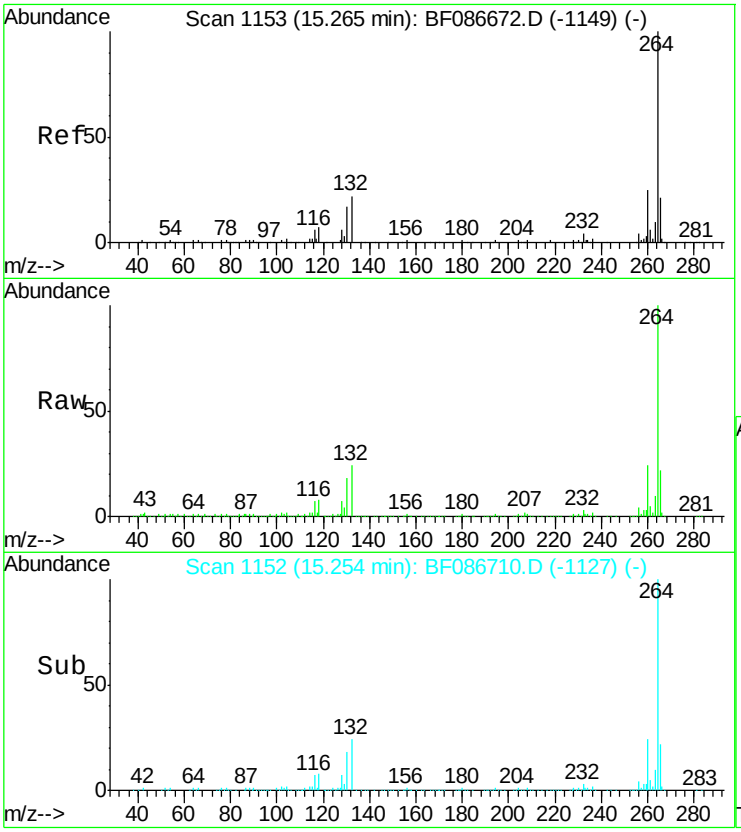


#78
Terphenyl-d14
Concen: 71.13 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Tgt Ion:244 Resp: 2117979

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.8	12.0	18.0





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF086710.D
Acq: 5 May 2016 15:28

Instrument :
BNA_F
ClientSampleId :
FILTER-CAKE

Tgt Ion:264 Resp: 487332

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.2	17.3	25.9