Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086236.D
Acq On : 16 Apr 2016 00:31
Operator : UM/SJ
Sample : H2402-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04D-4-7-16

Quant Time: Apr 16 02:00:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 16 00:36:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	285267	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1179479	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	511618	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	883114	20.00	ng		0.00
75) Chrysene-d12	14.04	240	552753	20.00	ng		-0.01
86) Perylene-d12	15.48	264	458521	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1115847	64.09	ng		0.00
7) Phenol-d6	6.51	99	861070	39.54	ng		0.00
23) Nitrobenzene-d5	7.46	82	1737461	84.96	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	508074	123.67	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2603781	93.91	ng		0.00
78) Terphenyl-d14	13.00	244	1583707	72.05	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	246270	17.67	ng	#	82
22) Acetophenone	7.30	105	1111	Below Cal		#	44
49) Dimethylphthalate	9.65	163	107630	2.89	ng		98
50) 2,6-Dinitrotoluene	9.93	165	66984	8.14	ng	#	32
56) 2,4-Dinitrotoluene	9.93	165	67411	6.40	ng	#	31
57) Fluorene	10.48	166	815	Below Cal		#	87
66) 4-Bromophenyl-phenylether	10.72	248	29688	3.61	ng	#	1
71) Anthracene	11.48	178	2610	Below Cal		#	43
74) Fluoranthene	12.63	202	4134	Below Cal			71

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086236.D
Acq On : 16 Apr 2016 00:31
Operator : UM/SJ
Sample : H2402-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

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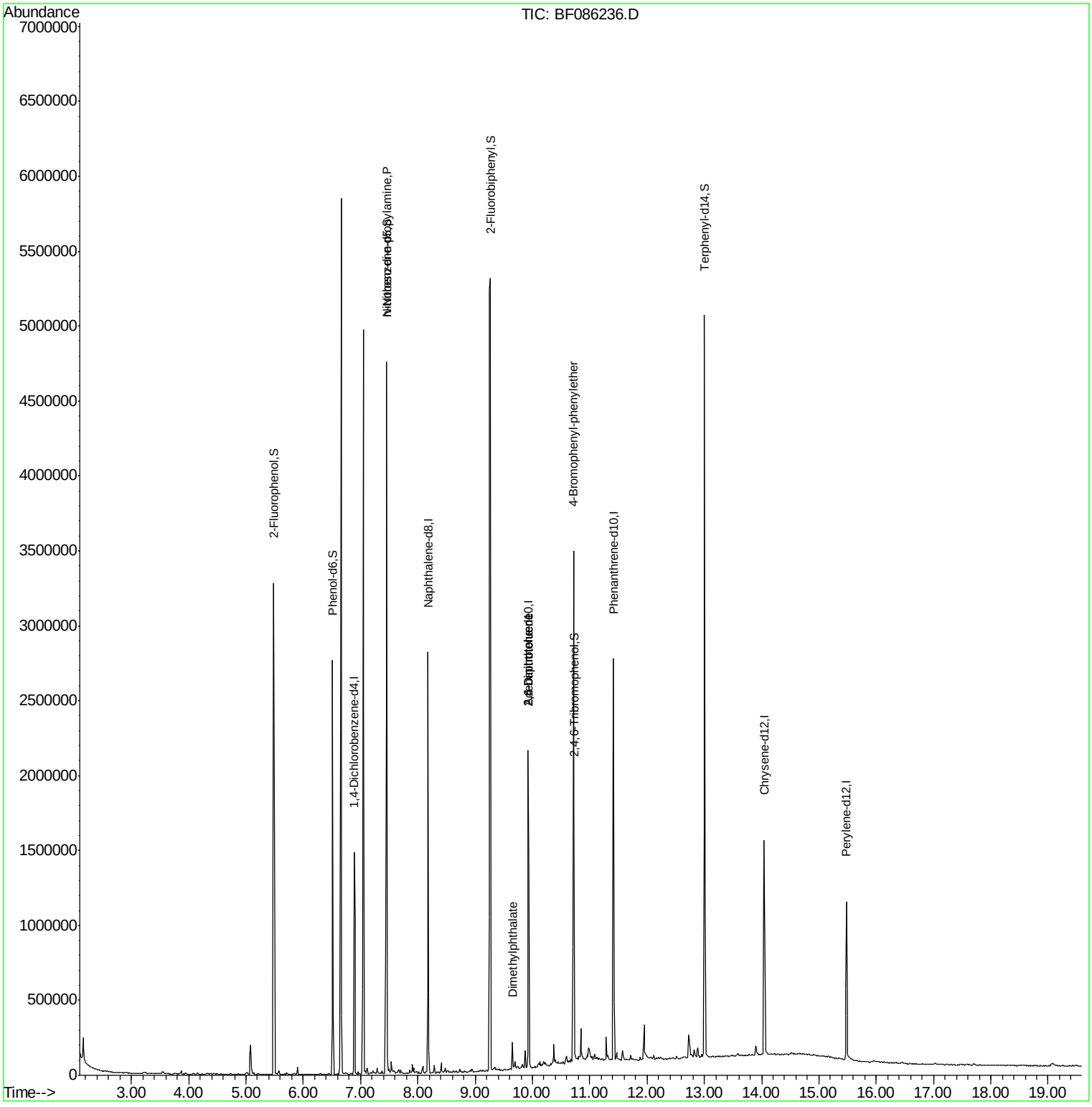
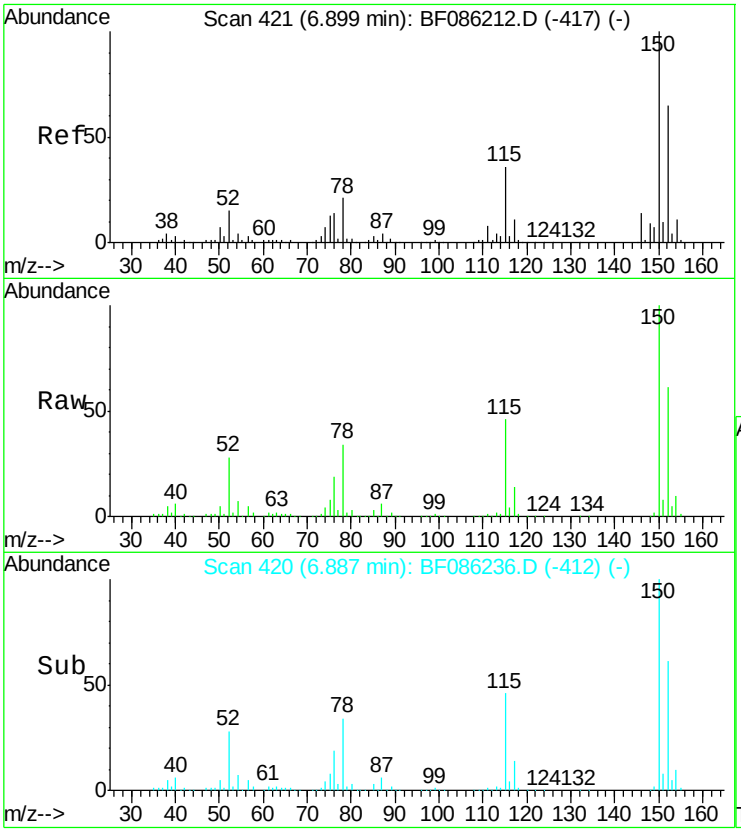


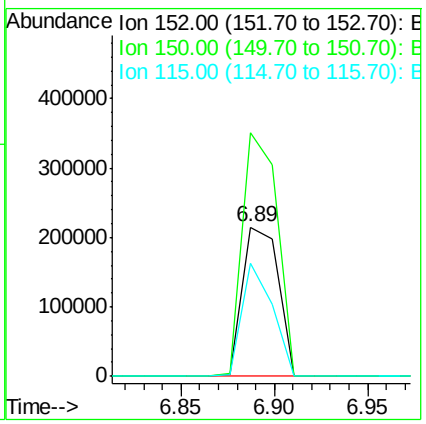


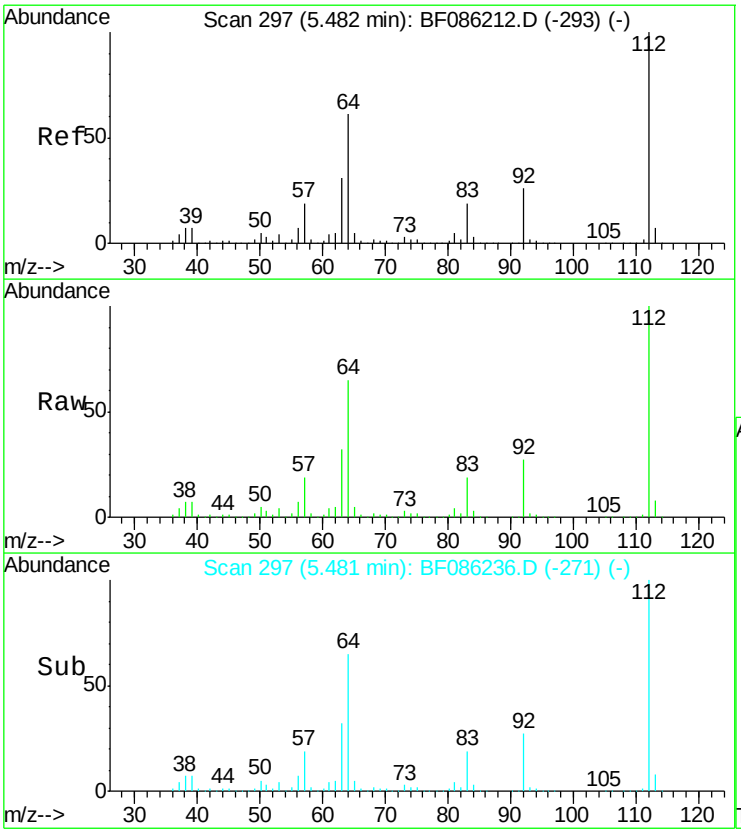
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion:152 Resp: 285267

Ion	Ratio	Lower	Upper
152	100		
150	163.5	124.1	186.1
115	75.7	43.9	65.9#

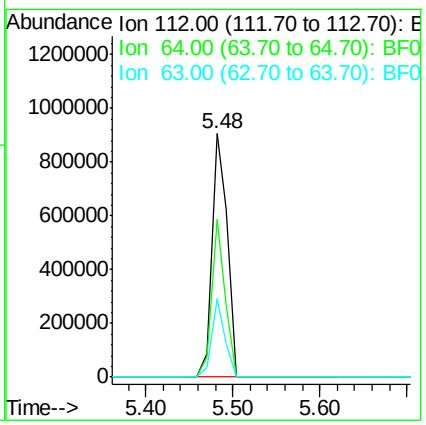


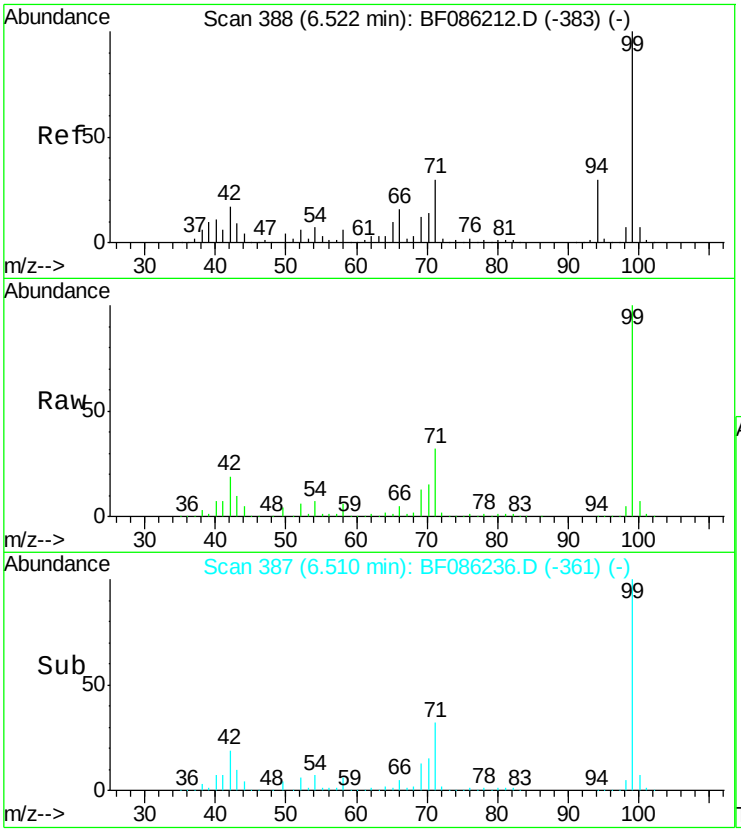


#5
2-Fluorophenol
Concen: 64.09 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion:112 Resp: 1115847

Ion	Ratio	Lower	Upper
112	100		
64	64.7	48.1	72.1
63	32.1	25.5	38.3



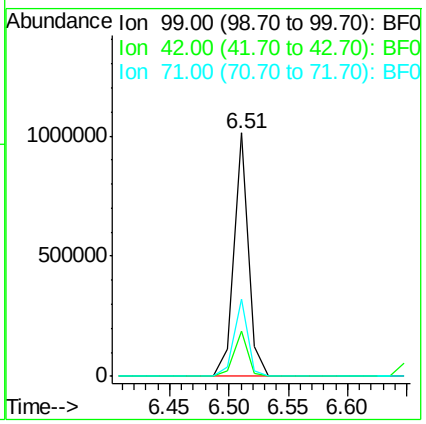


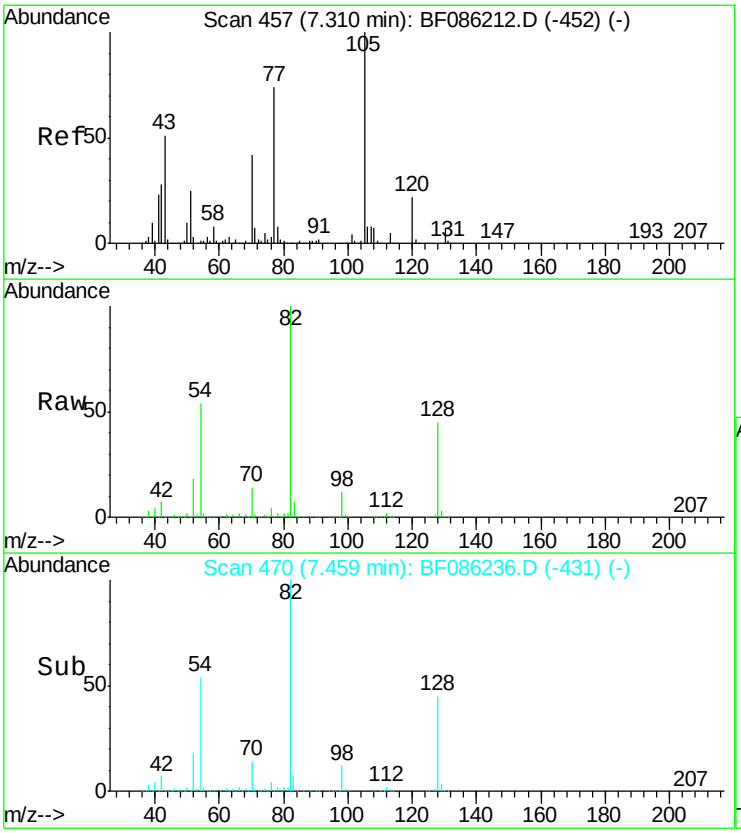
#7
Phenol-d6
Concen: 39.54 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion: 99 Resp: 861070

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.4	23.2
71	31.5	25.6	38.4

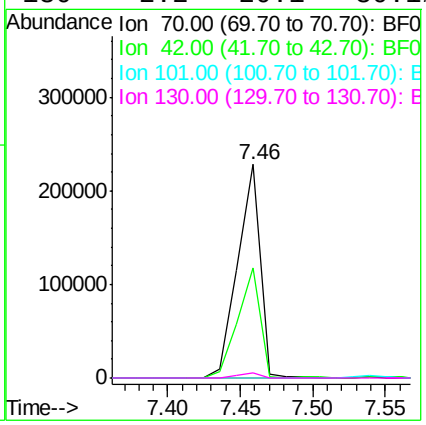


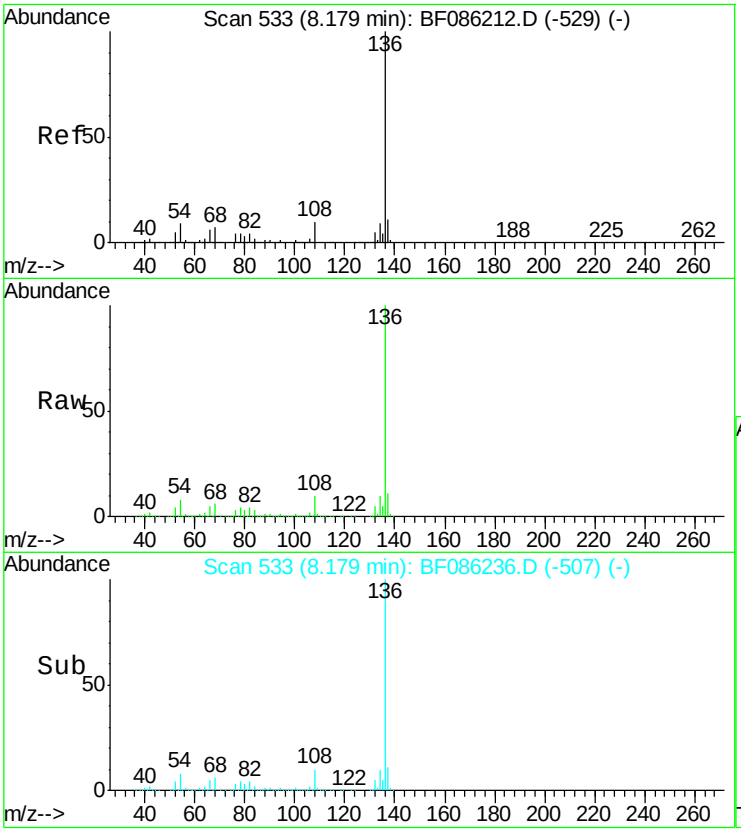


#19
n-Nitroso-di-n-propylamine
Concen: 17.67 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.15 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion: 70 Resp: 246270

Ion	Ratio	Lower	Upper
70	100		
42	51.5	43.0	64.4
101	0.0	8.1	12.1#
130	2.2	20.1	30.1#



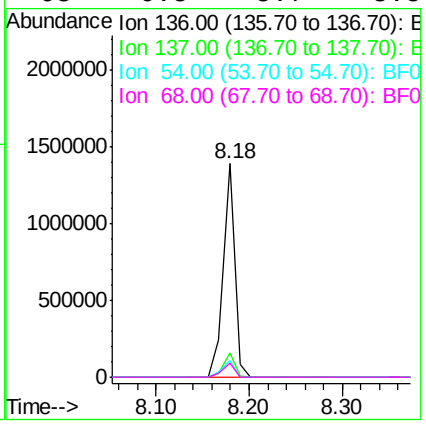


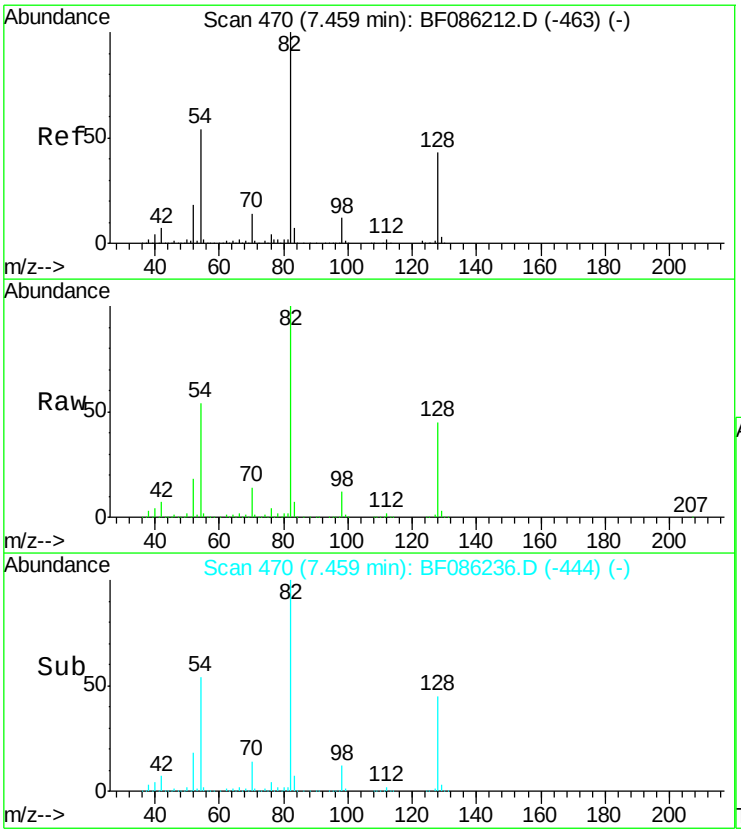
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion:136 Resp: 1179479

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.8	7.3	10.9
68	6.5	5.7	8.5

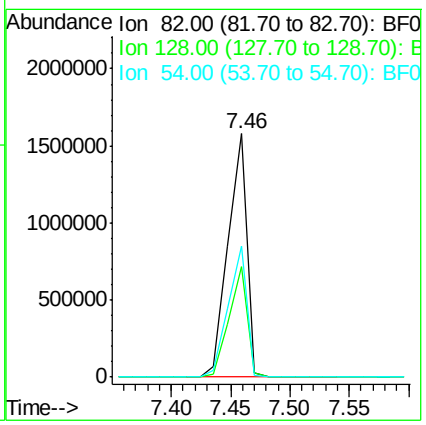


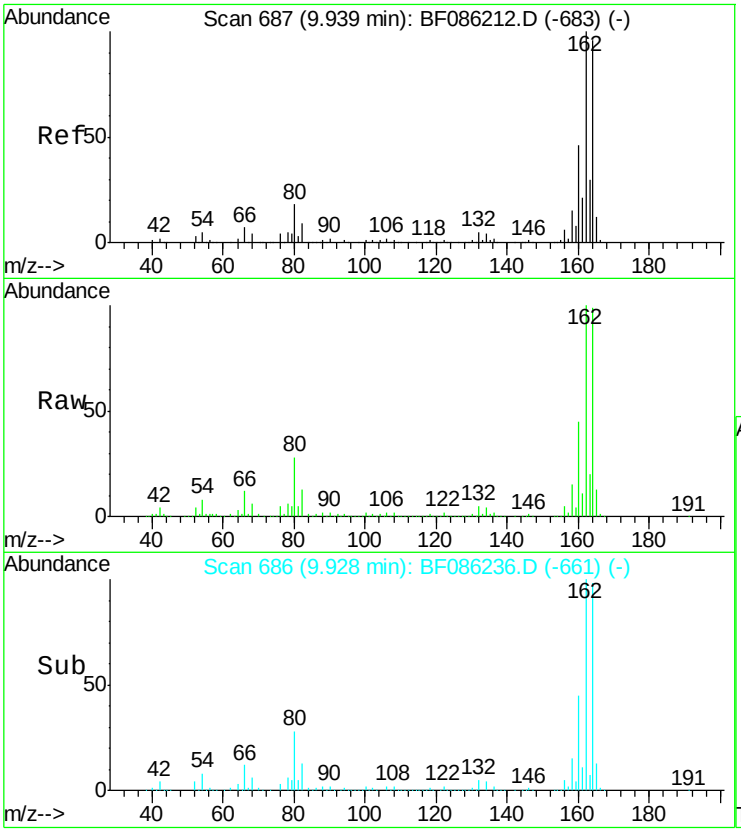


#23
Nitrobenzene-d5
Concen: 84.96 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion: 82 Resp: 1737461

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.4	53.2
54	53.7	43.4	65.0



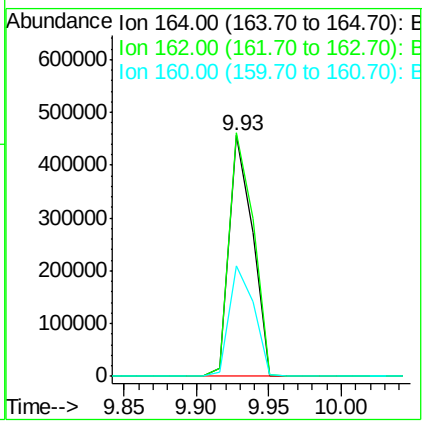


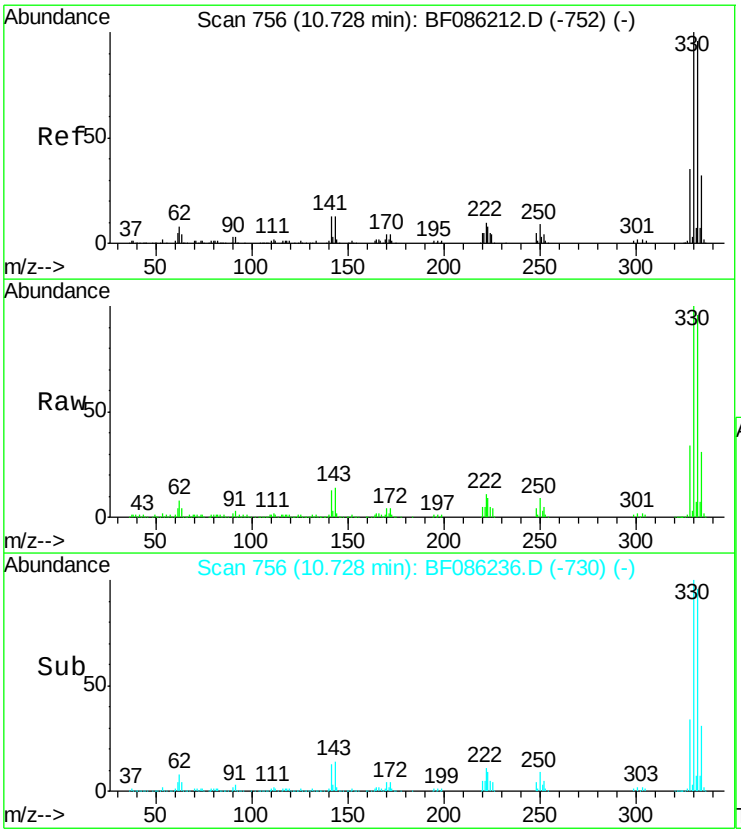
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion:164 Resp: 511618

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.8	124.2
160	45.9	38.9	58.3

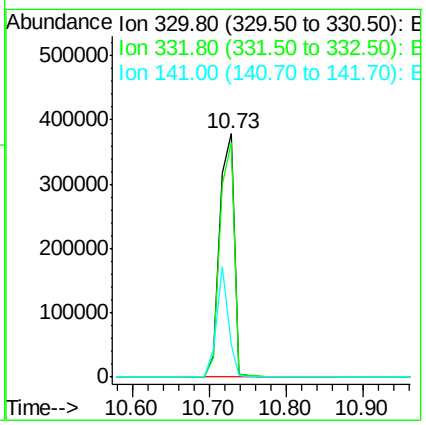


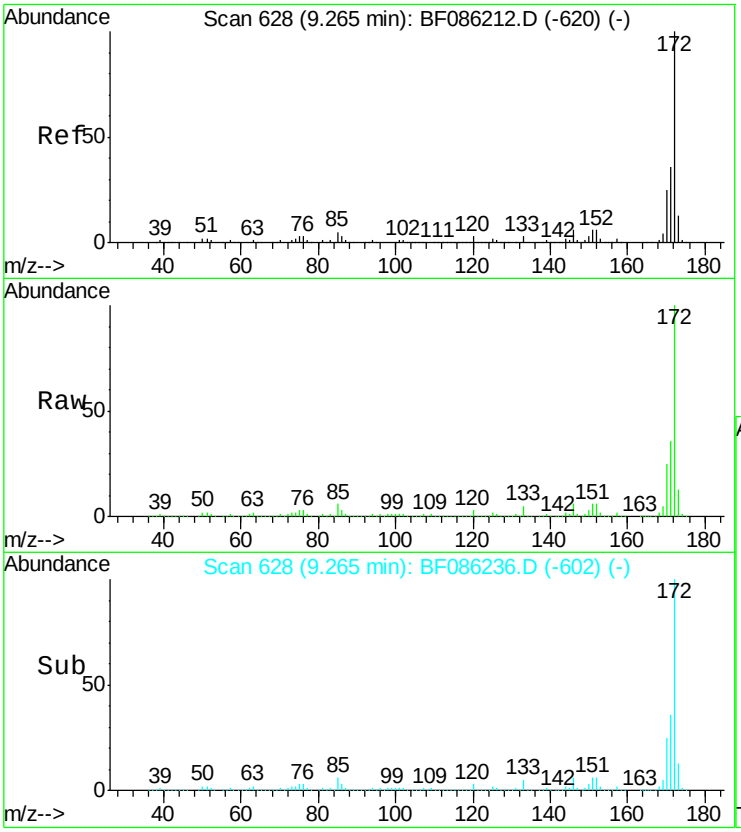


#41
2,4,6-Tribromophenol
Concen: 123.67 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion:330 Resp: 508074

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.7	118.1
141	36.0	28.6	42.8



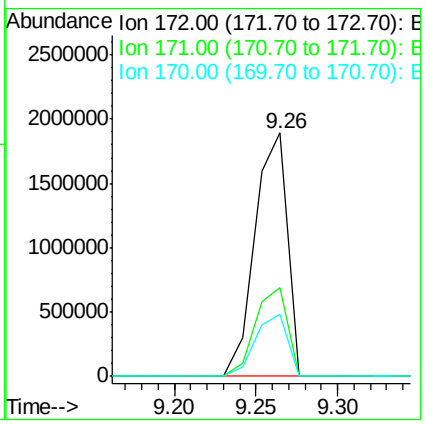


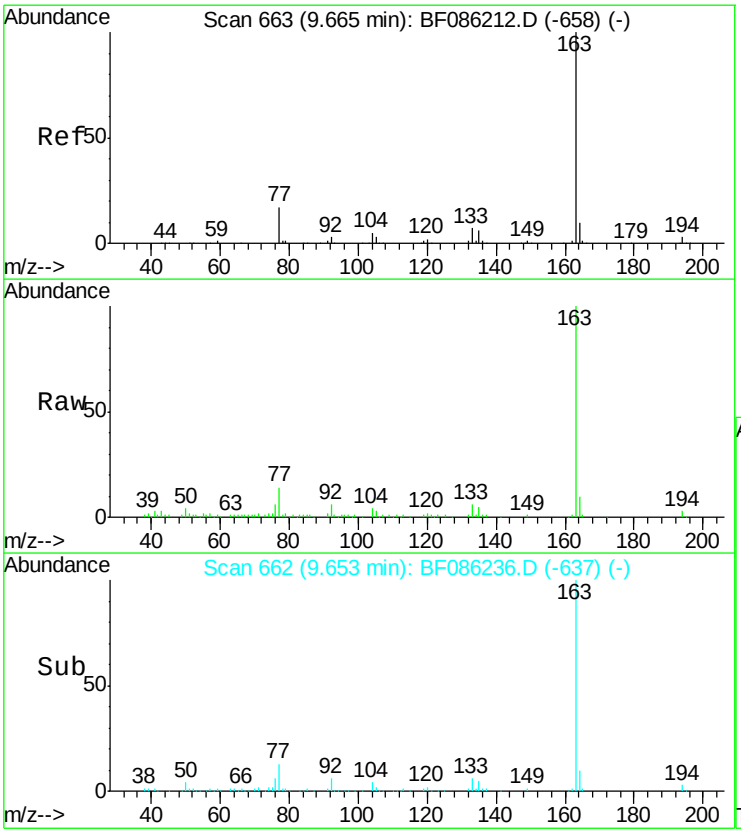
#44
2-Fluorobiphenyl
Concen: 93.91 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion:172 Resp: 2603781

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	25.2	19.9	29.9

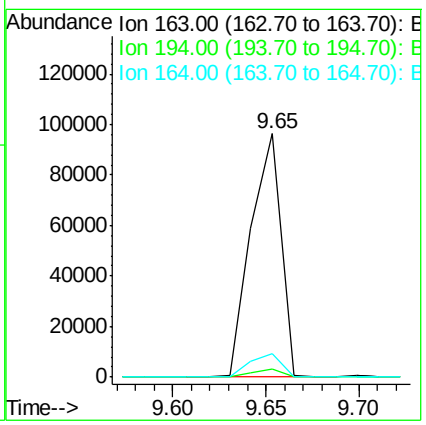


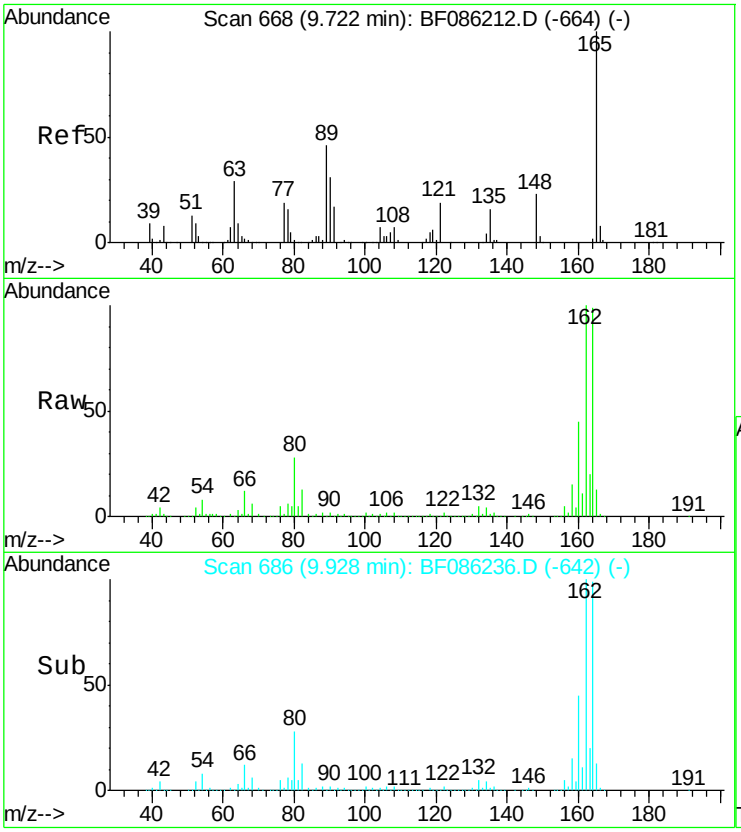


#49
Dimethylphthalate
Concen: 2.89 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion:163 Resp: 107630

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.4	12.6



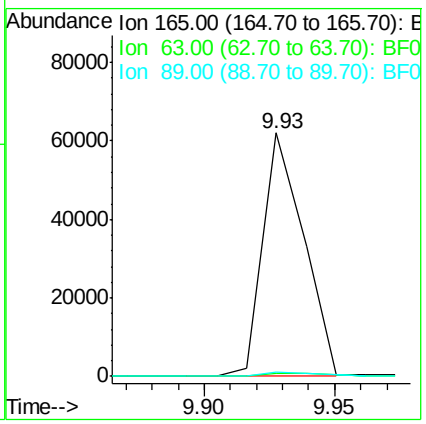


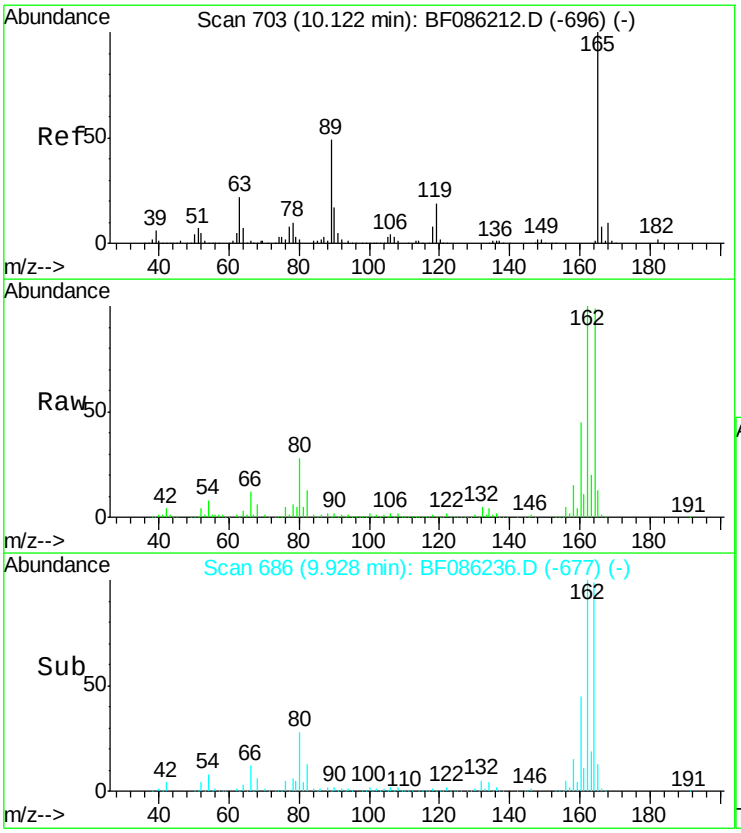
#50
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.21 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion:165 Resp: 66984

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.1	52.7#
89	1.5	39.8	59.6#

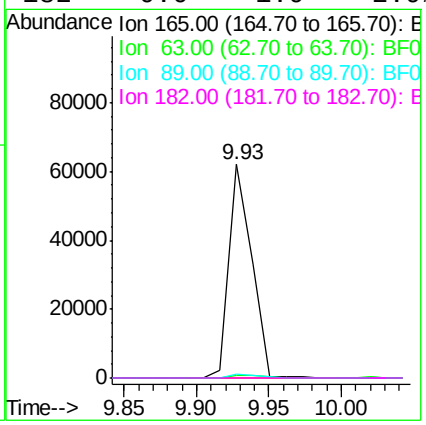


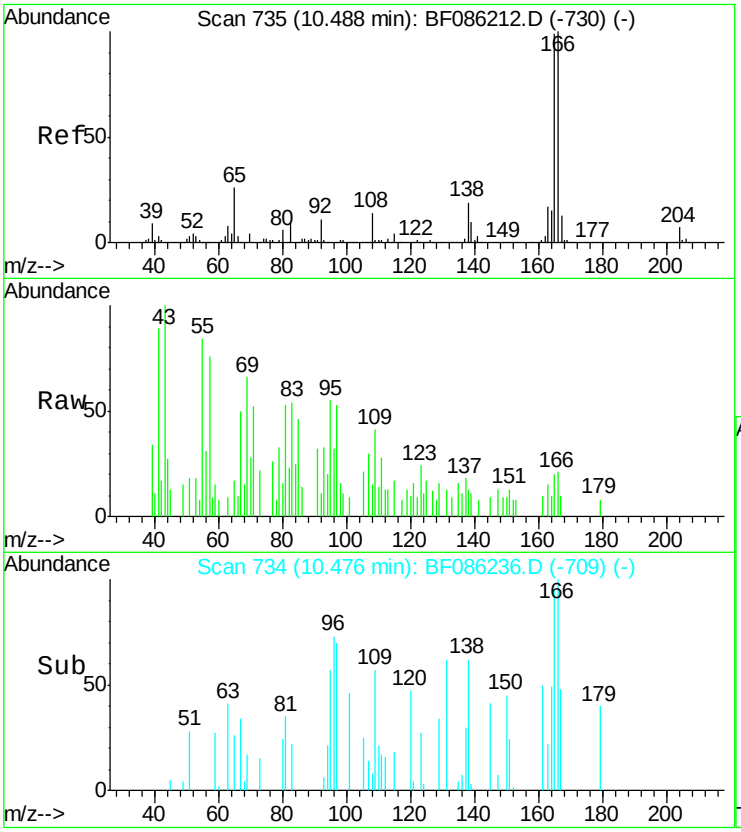


#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion:165 Resp: 67411

Ion	Ratio	Lower	Upper
165	100		
63	1.4	26.6	40.0#
89	1.5	49.5	74.3#
182	0.0	1.9	2.9#



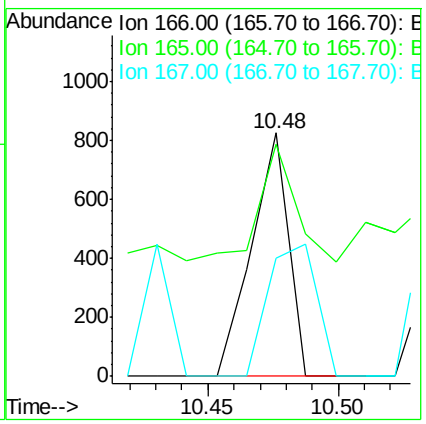


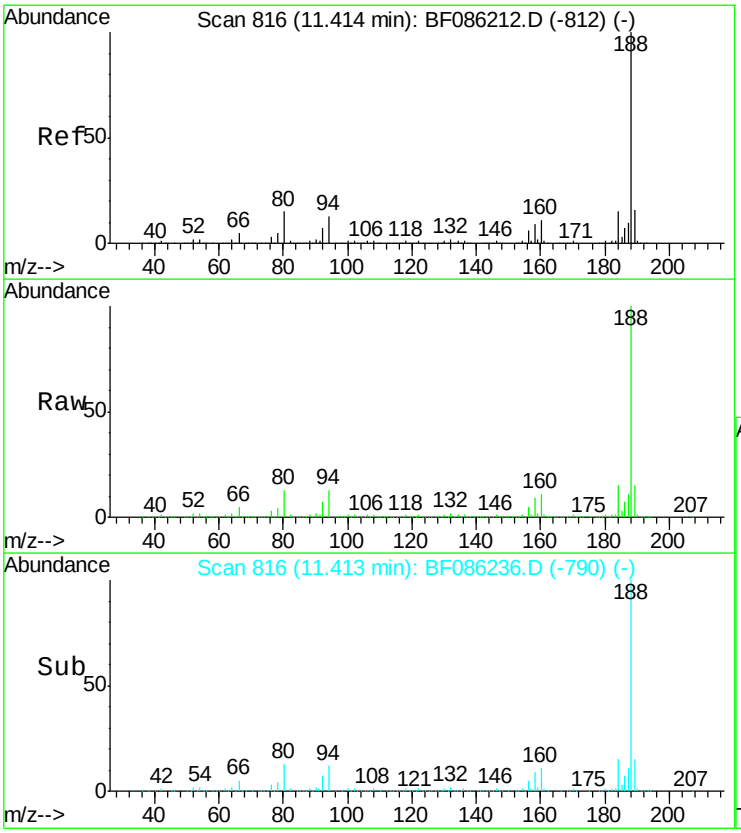
#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion:166 Resp: 815

Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.6	117.8
167	48.3	10.4	15.6#

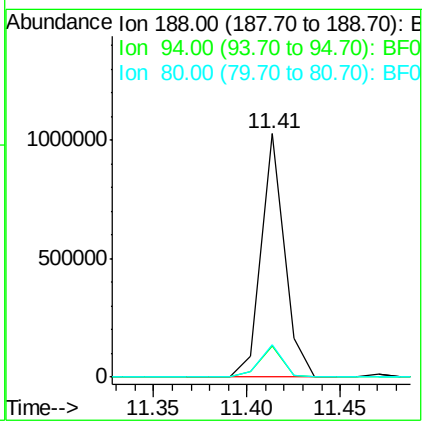


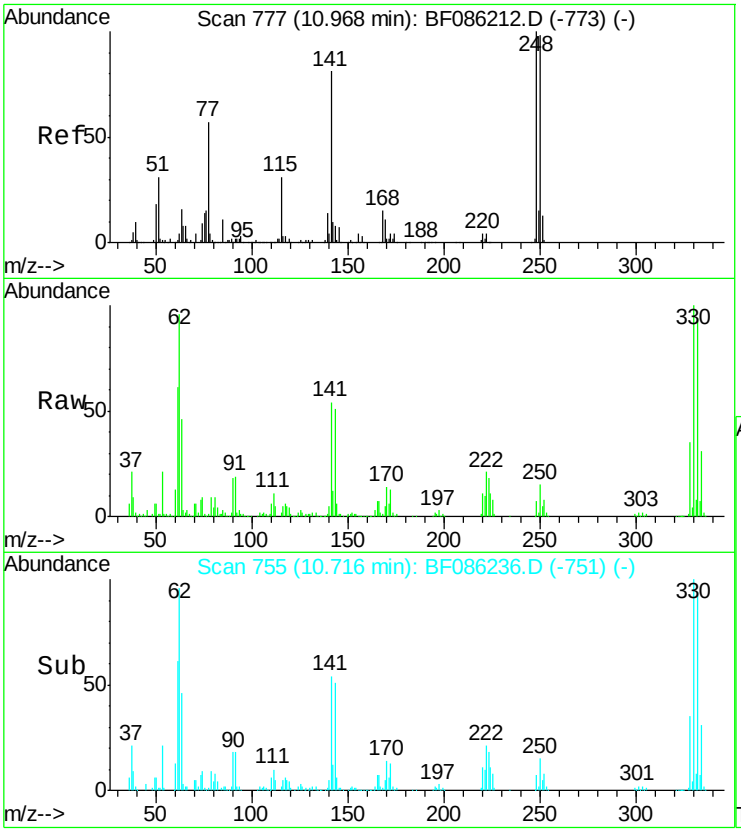


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion:188 Resp: 883114

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.8	14.8
80	13.4	10.5	15.7



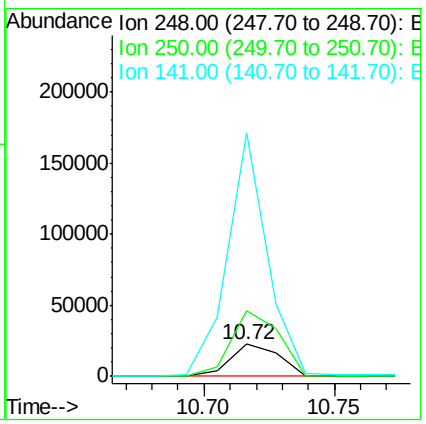


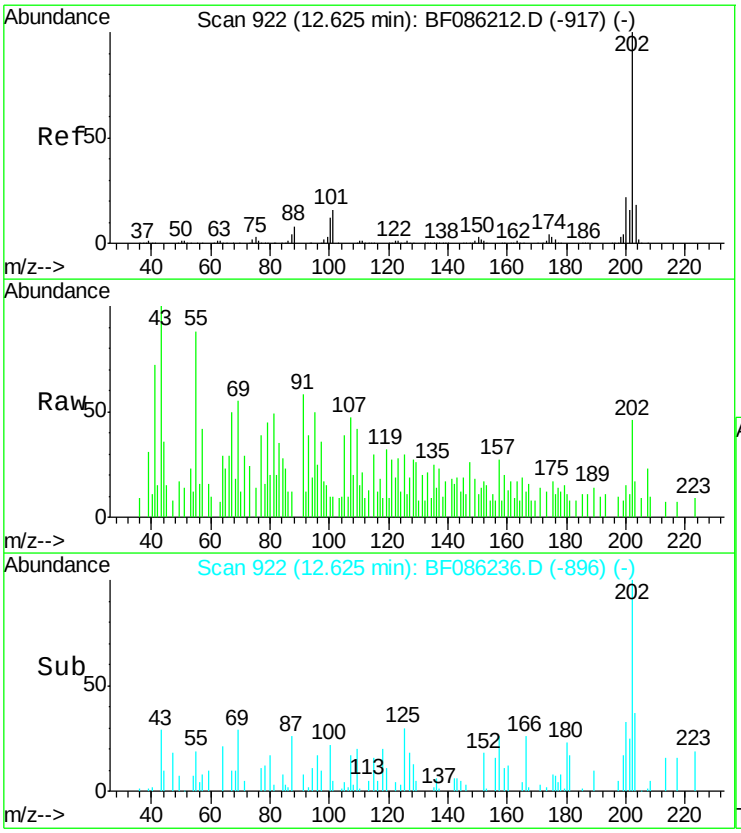
#66
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion:248 Resp: 29688

Ion	Ratio	Lower	Upper
248	100		
250	205.8	78.6	118.0#
141	755.4	57.9	86.9#

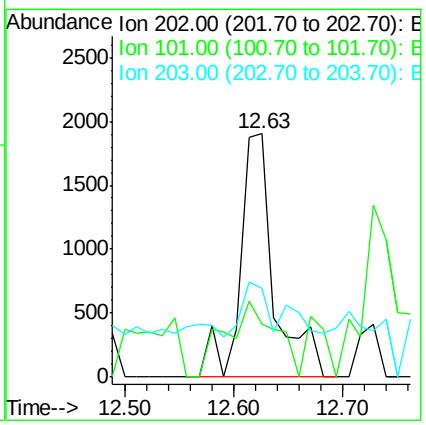


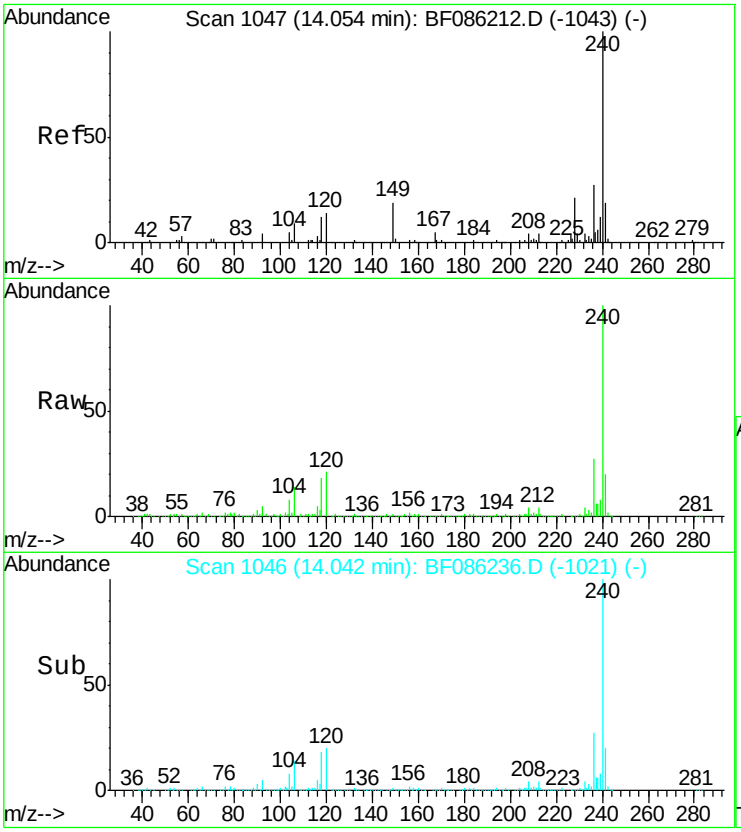


#74
Fluoranthene
Concen: Below Cal
RT: 12.63 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion:202 Resp: 4134

Ion	Ratio	Lower	Upper
202	100		
101	21.5	0.0	35.2
203	36.5	0.0	38.2



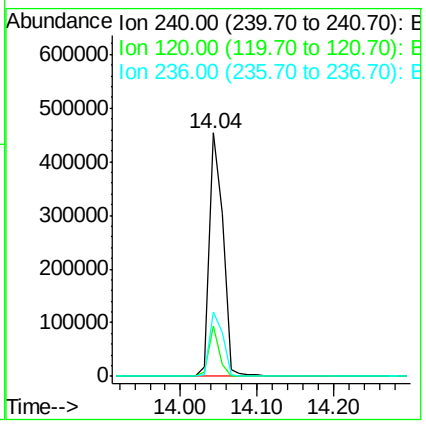


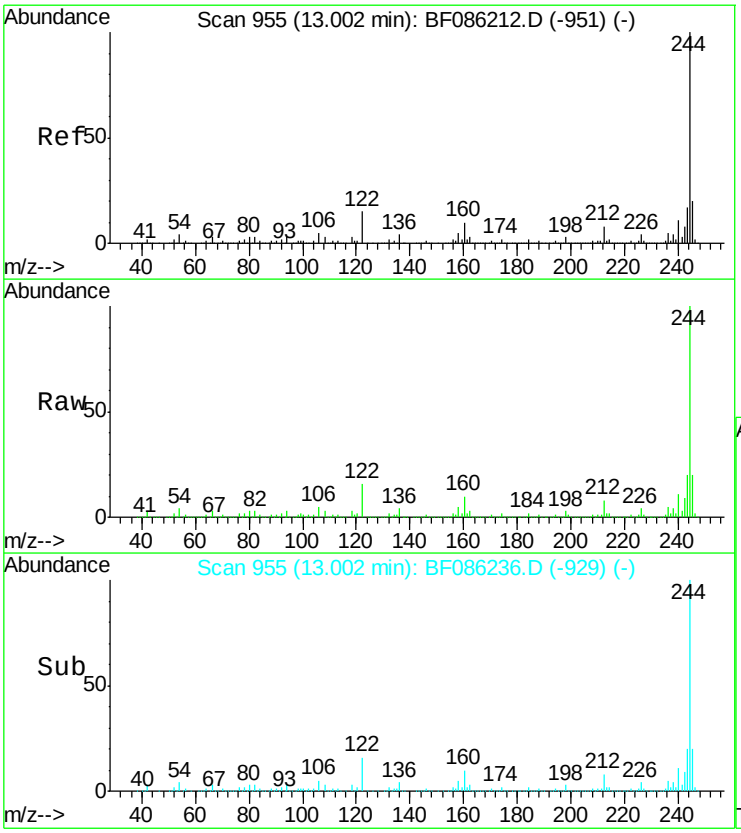
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion:240 Resp: 552753

Ion	Ratio	Lower	Upper
240	100		
120	20.6	9.3	13.9#
236	26.5	21.1	31.7

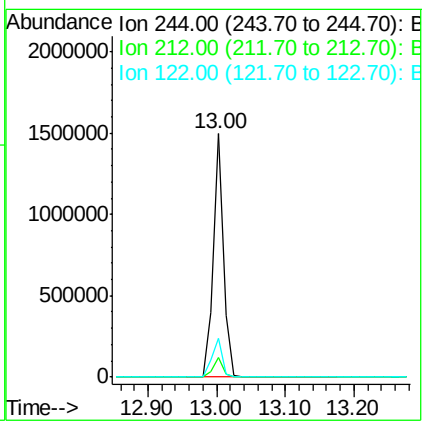


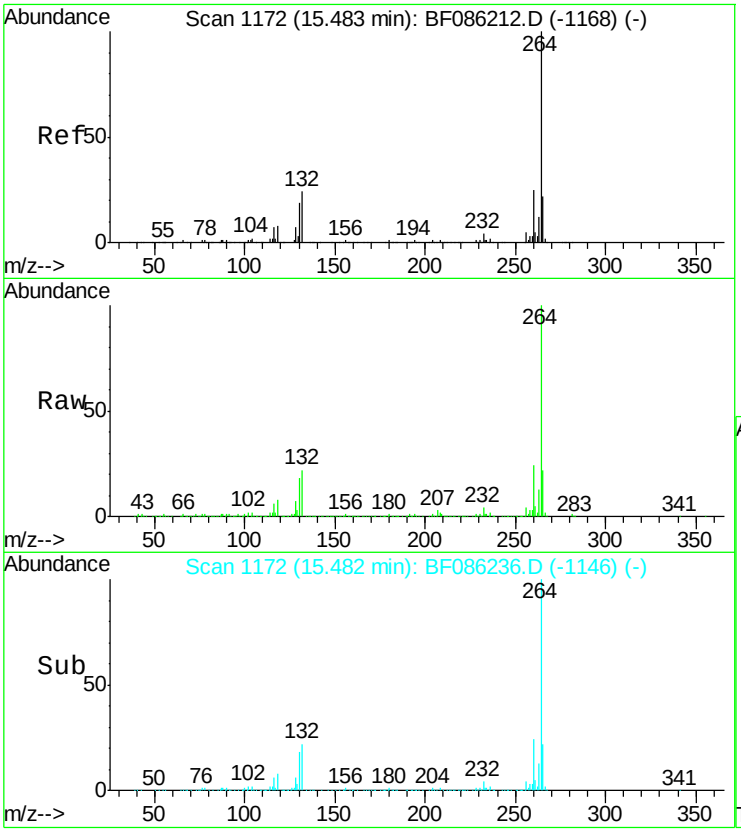


#78
Terphenyl-d14
Concen: 72.05 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion:244 Resp: 1583707

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	15.9	11.7	17.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion:264 Resp: 458521

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	22.1	17.4	26.0