Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087180.D
Acq On : 19 May 2016 9:38
Operator : UM/SJ
Sample : H3120-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-GT-102

Quant Time: May 19 12:44:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	126737	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	511282	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	240300	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	403071	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	288864	20.00	ng	-0.05
86) Perylene-d12	15.06	264	294768	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	465457	61.73	ng	-0.03
7) Phenol-d6	6.24	99	378460	37.42	ng	-0.05
23) Nitrobenzene-d5	7.15	82	887471	86.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	330144	124.33	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1537812	105.99	ng	-0.03
78) Terphenyl-d14	12.67	244	1186901	92.95	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	24453	3.32	ng	# 81
15) Benzyl Alcohol	6.73	79	15557	2.07	ng	# 42
19) n-Nitroso-di-n-propylamine	7.15	70	125774	16.36	ng	# 72
25) Isophorone	7.15	82	728553	38.79	ng	# 68
49) Dimethylphthalate	9.35	163	62896	3.43	ng	100
50) 2,6-Dinitrotoluene	9.61	165	30787	7.73	ng	# 21
55) 4-Nitrophenol	9.83	139	245	Below Cal		# 14
56) 2,4-Dinitrotoluene	9.61	165	30787	6.04	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	19142	4.62	ng	# 1

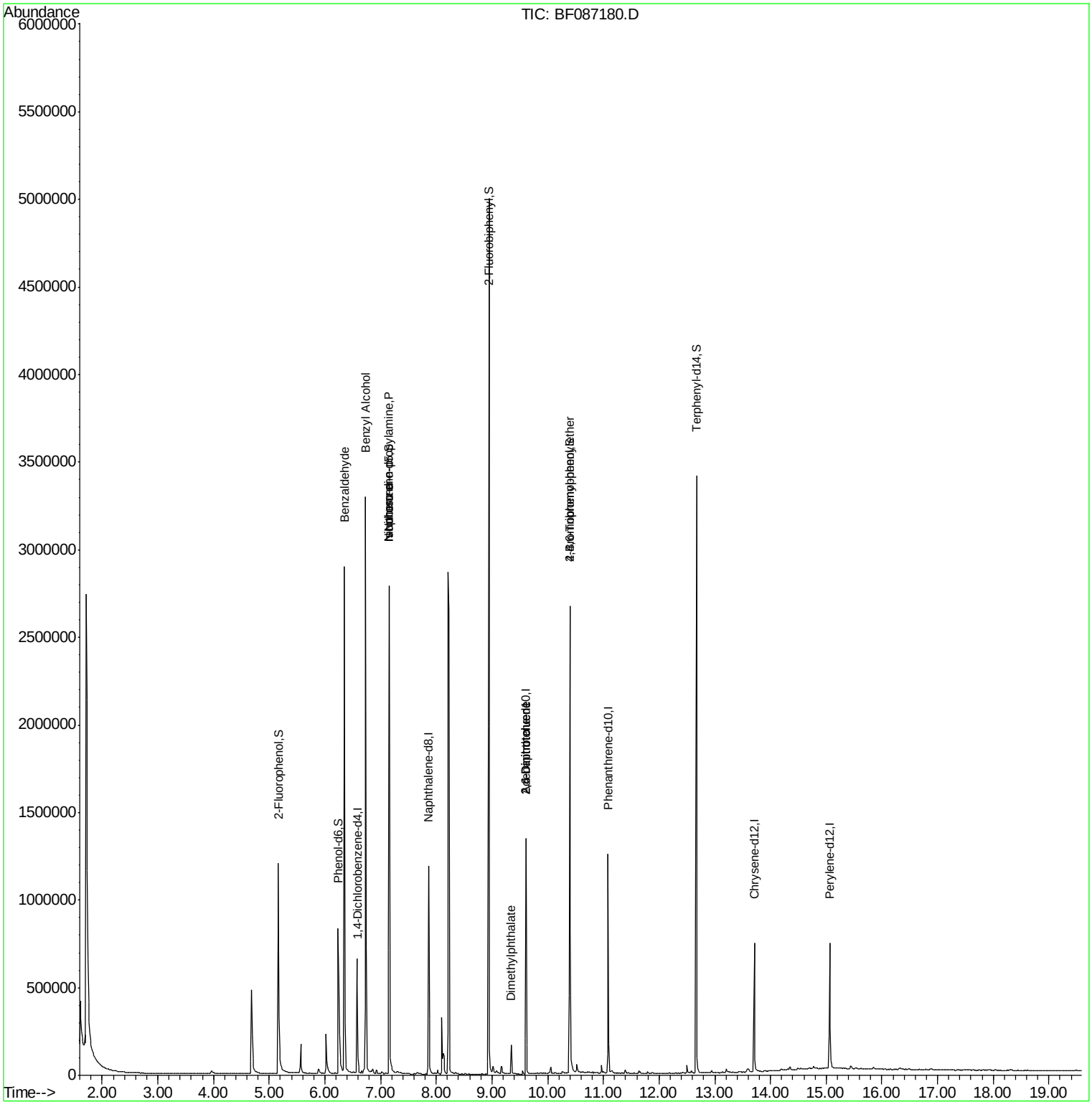
(#) = qualifier out of range (m) = manual integration (+) = signals summed

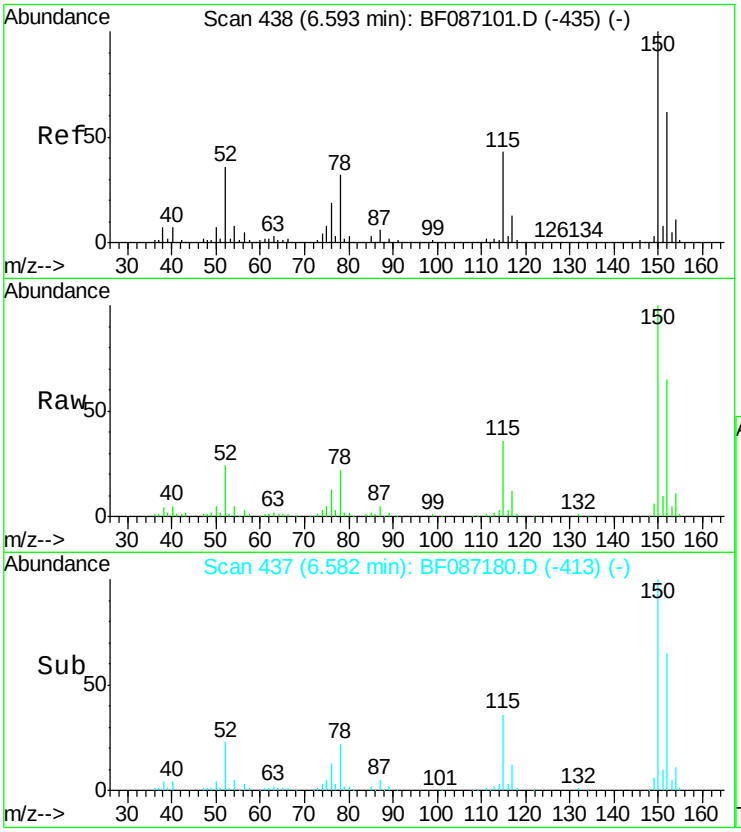
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087180.D
Acq On : 19 May 2016 9:38
Operator : UM/SJ
Sample : H3120-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Quant Time: May 19 12:44:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration



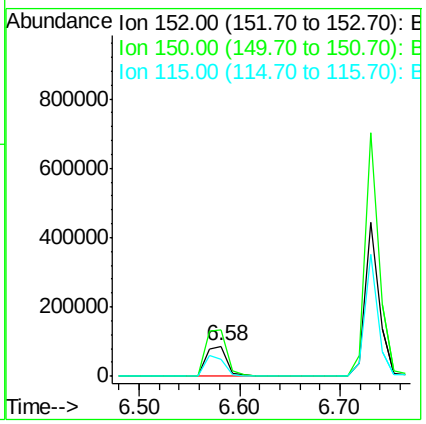


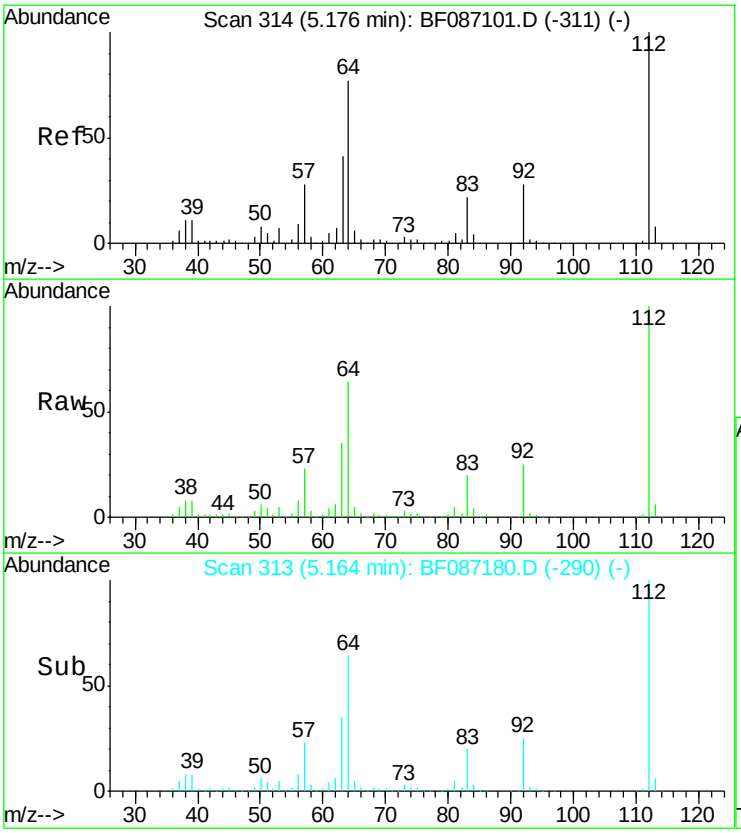
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion:152 Resp: 126737

Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.8	188.6
115	55.9	51.5	77.3

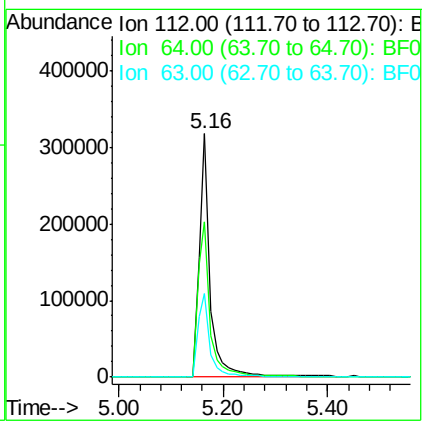


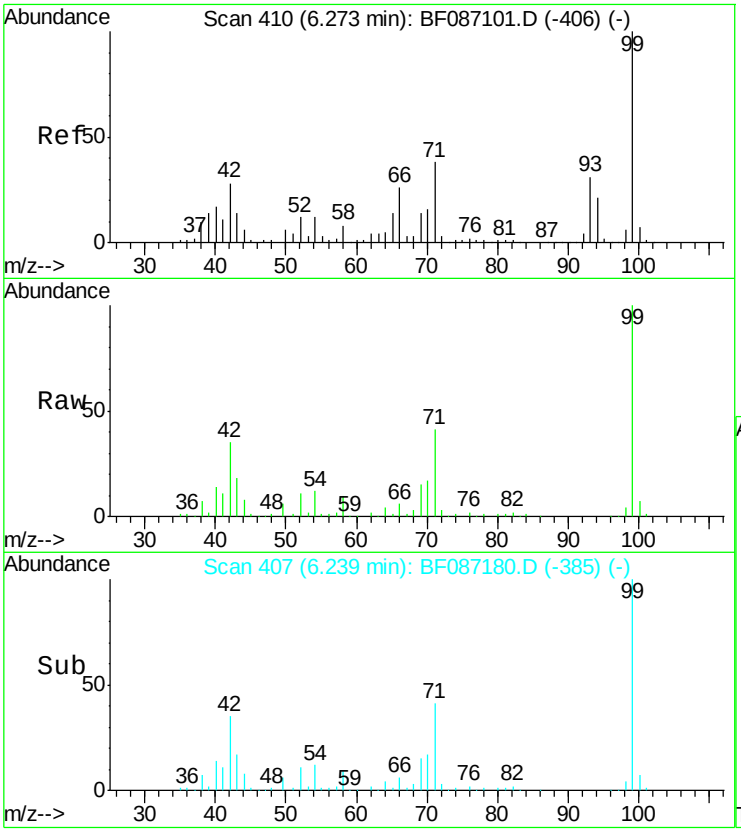


#5
2-Fluorophenol
Concen: 61.73 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion:112 Resp: 465457

Ion	Ratio	Lower	Upper
112	100		
64	63.6	52.1	78.1
63	34.5	25.7	38.5



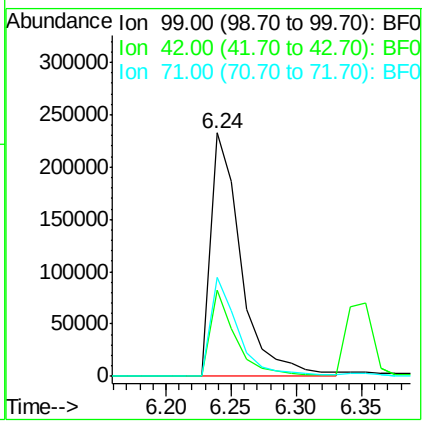


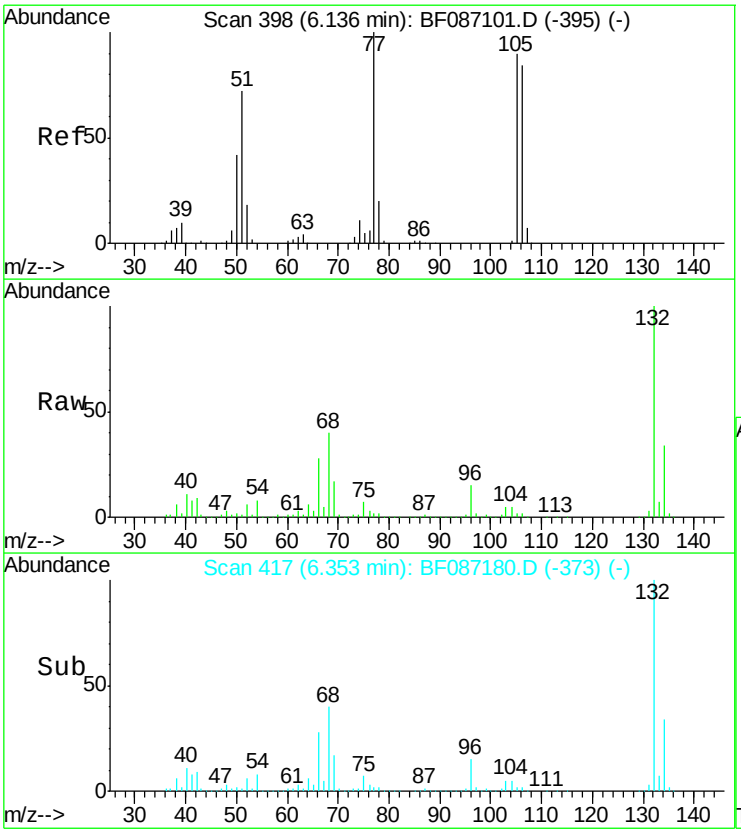
#7
Phenol-d6
Concen: 37.42 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion: 99 Resp: 378460

Ion	Ratio	Lower	Upper
99	100		
42	35.2	13.6	20.4#
71	40.9	24.6	36.8#

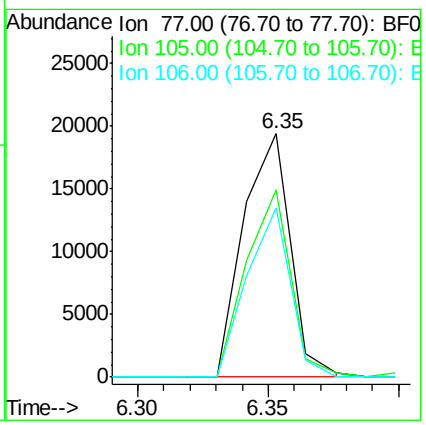


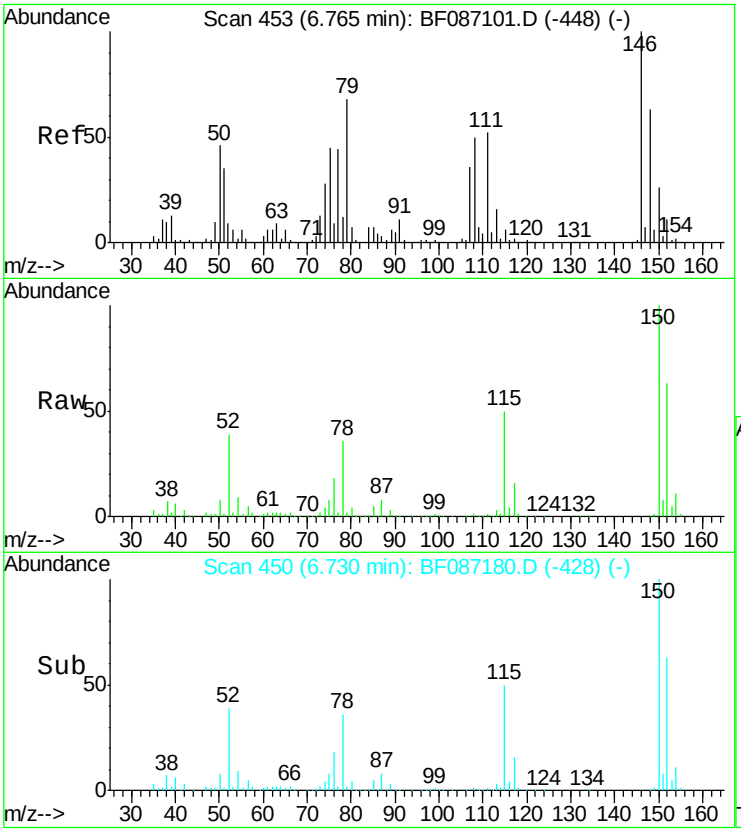


#9
Benzaldehyde
Concen: 3.32 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.21 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion: 77 Resp: 24453

Ion	Ratio	Lower	Upper
77	100		
105	76.8	72.7	112.7
106	69.8	70.8	110.8#



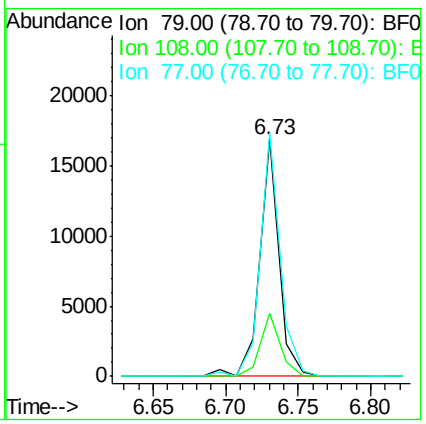


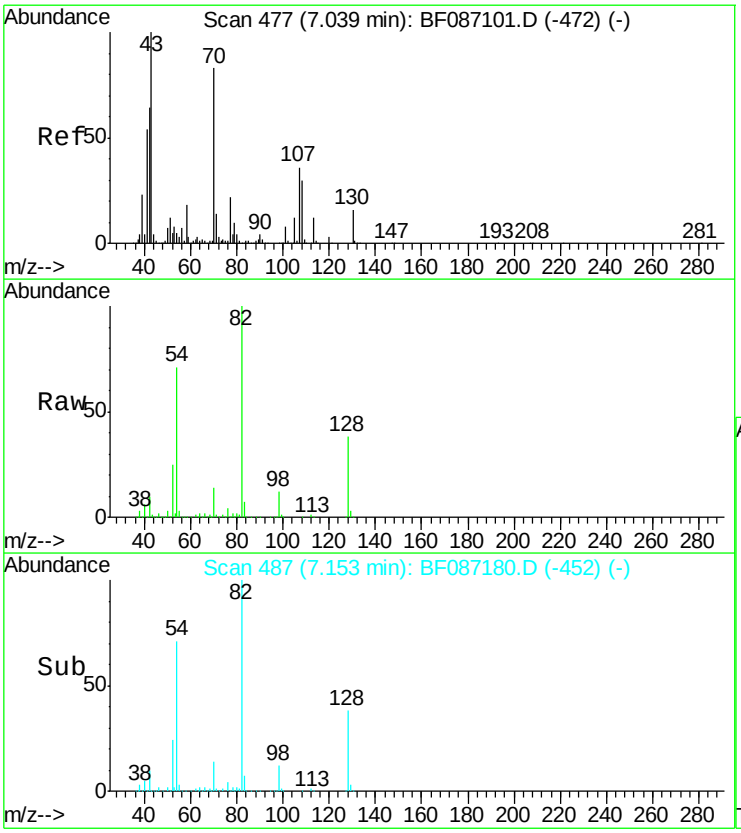
#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion: 79 Resp: 15557

Ion	Ratio	Lower	Upper
79	100		
108	26.9	68.4	102.6#
77	102.8	50.6	76.0#

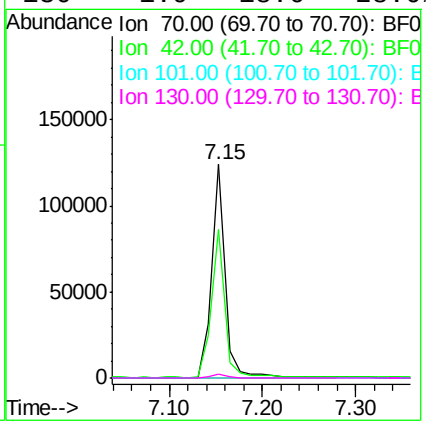


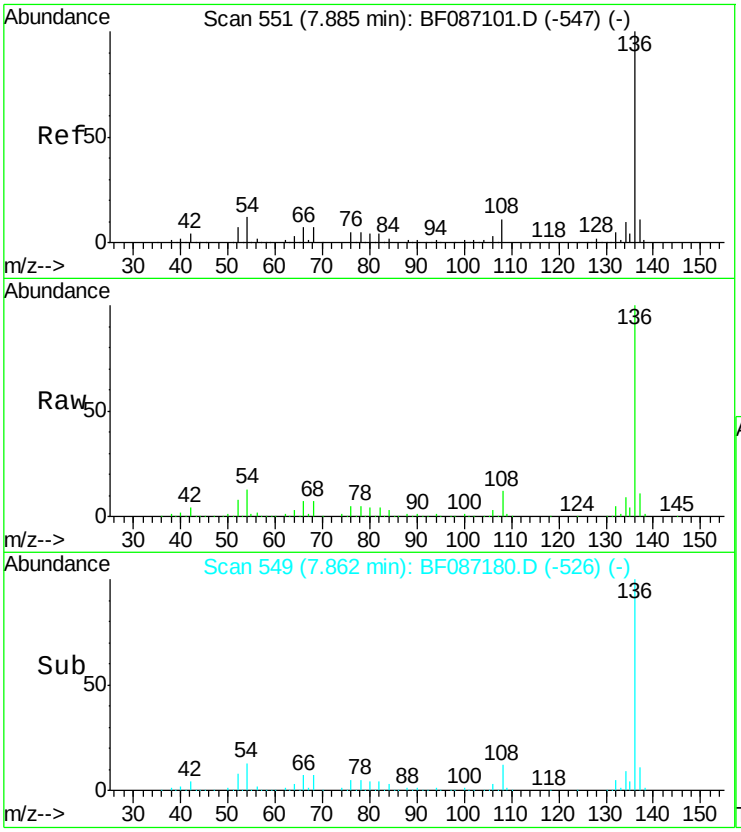


#19
n-Nitroso-di-n-propylamine
Concen: 16.36 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.10 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion: 70 Resp: 125774

Ion	Ratio	Lower	Upper
70	100		
42	69.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



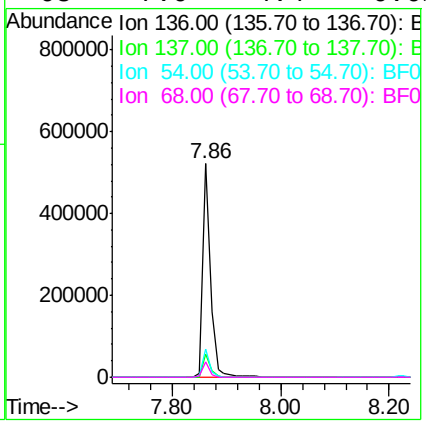


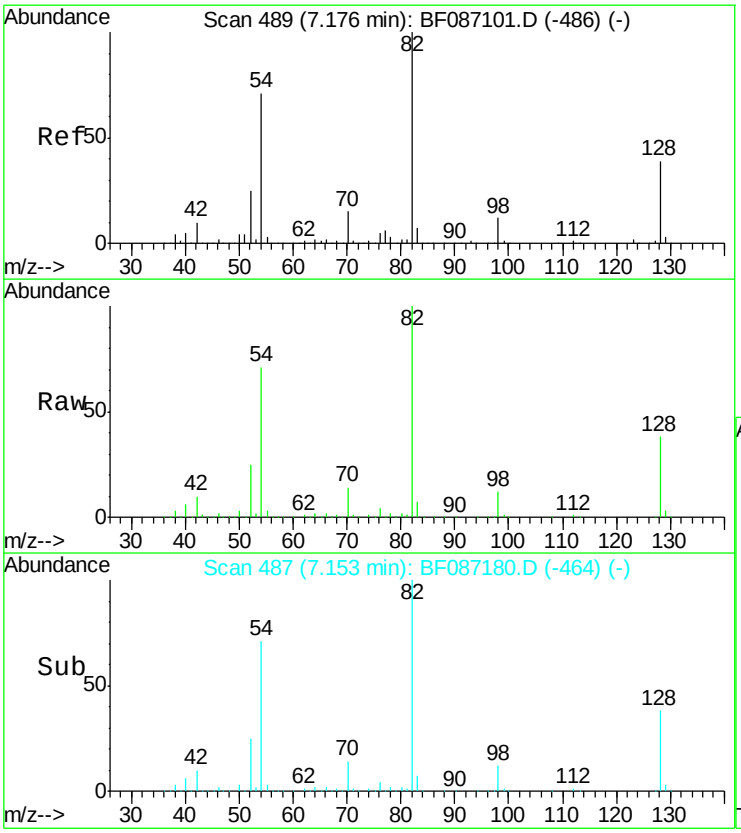
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion:136 Resp: 511282

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	13.3	5.0	7.4#
68	7.0	4.4	6.6#

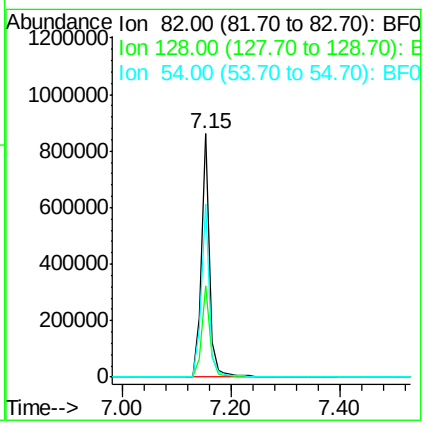


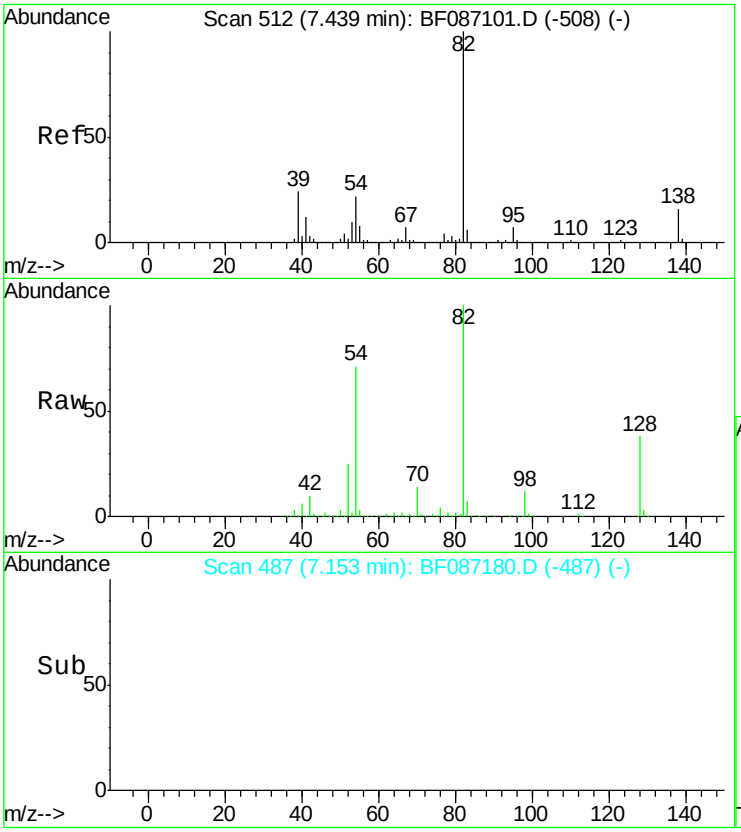


#23
Nitrobenzene-d5
Concen: 86.51 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion: 82 Resp: 887471

Ion	Ratio	Lower	Upper
82	100		
128	37.7	40.6	61.0#
54	71.2	38.1	57.1#



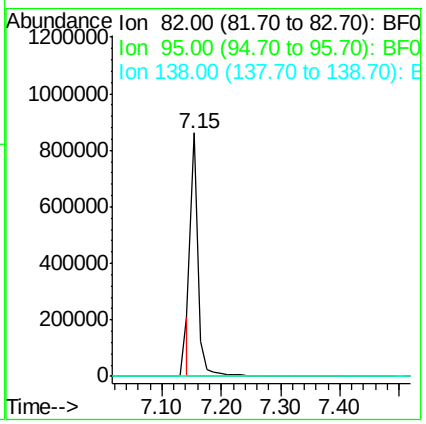


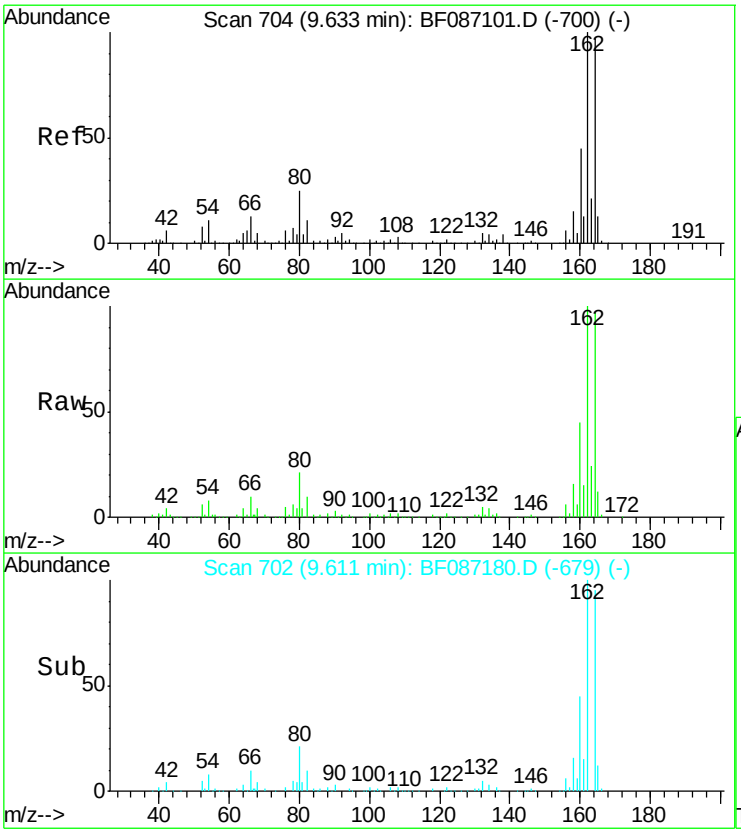
#25
Isophorone
Concen: 38.79 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.30 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion: 82 Resp: 728553

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

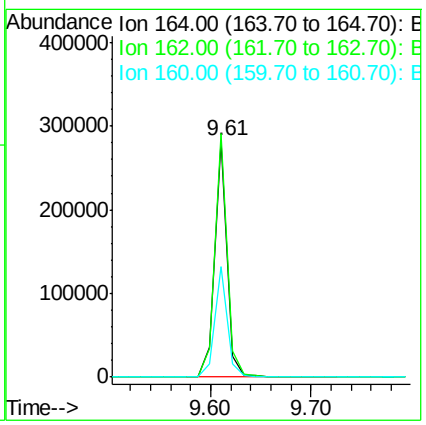


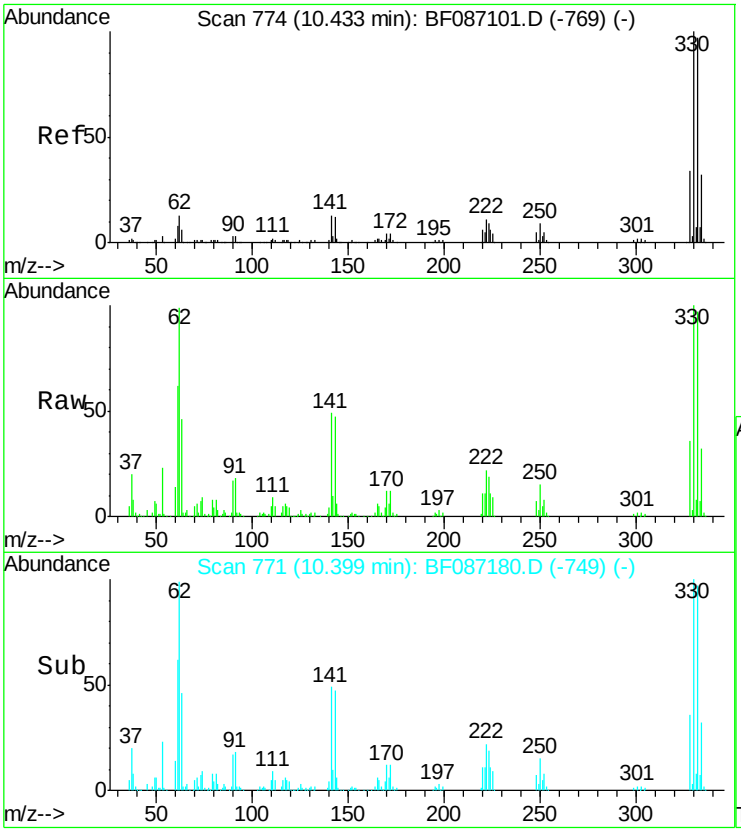


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion:164 Resp: 240300

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	46.8	36.9	55.3



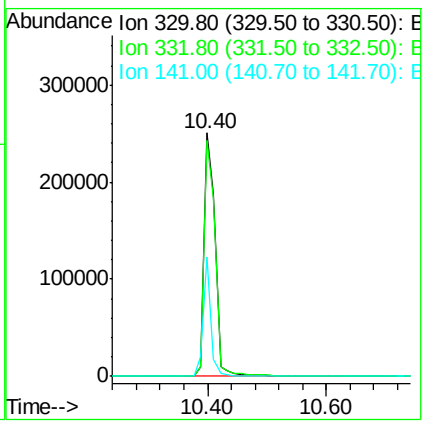


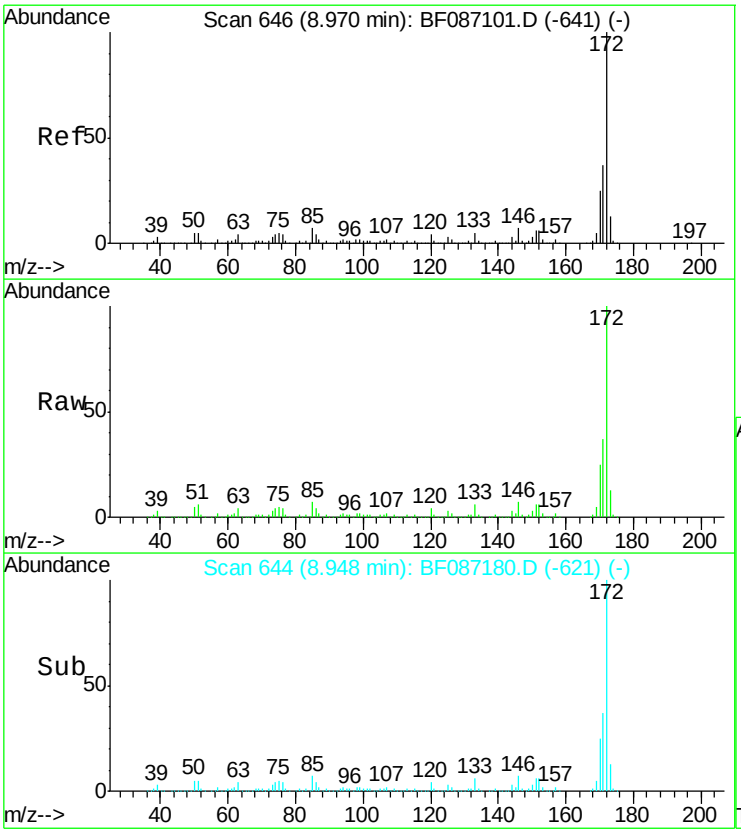
#41
2,4,6-Tribromophenol
Concen: 124.33 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion:330 Resp: 330144

Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	35.4	31.2	46.8

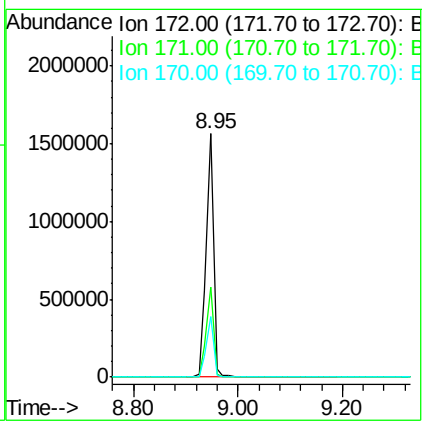


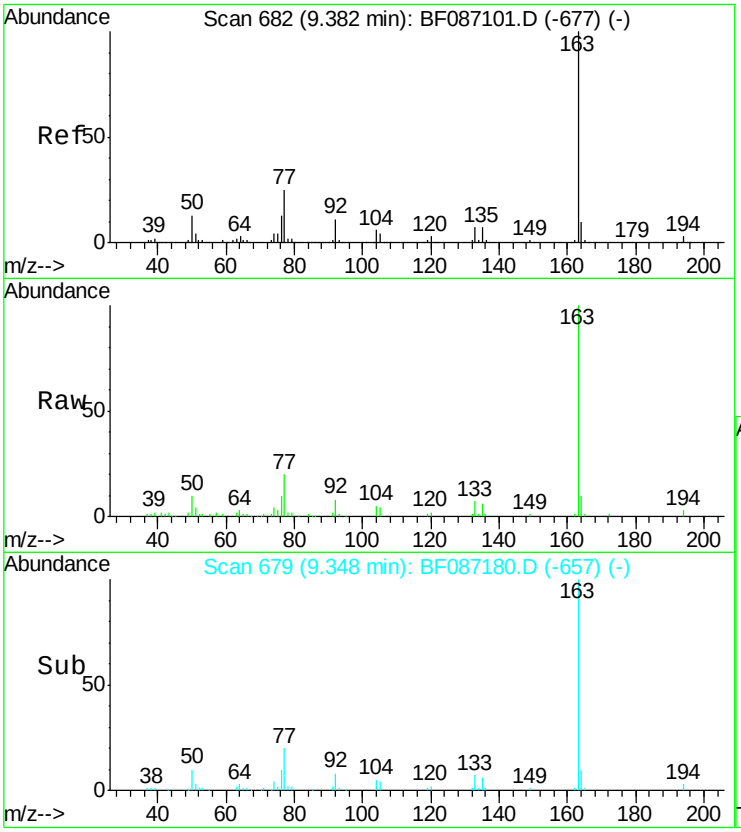


#44
2-Fluorobiphenyl
Concen: 105.99 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion:172 Resp: 1537812

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.9	19.8	29.8



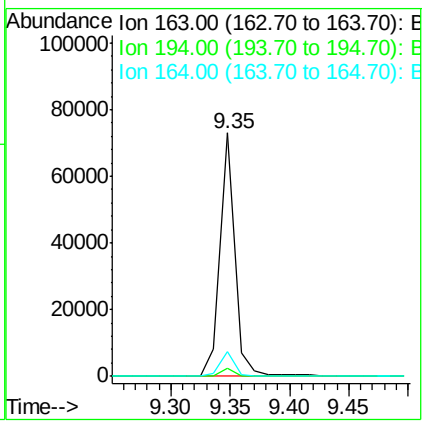


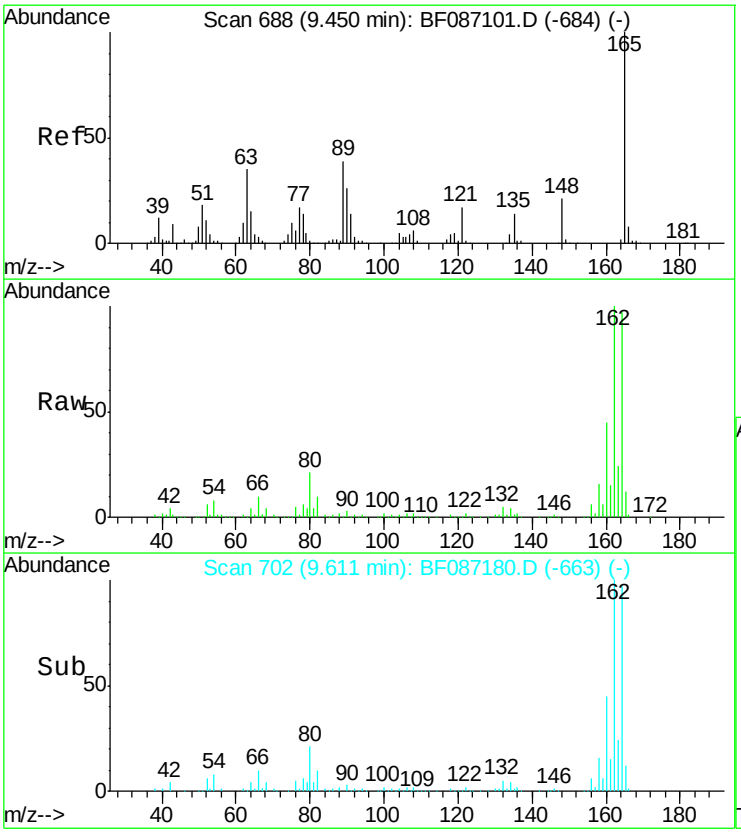
#49
Dimethylphthalate
Concen: 3.43 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion:163 Resp: 62896

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.2	12.4

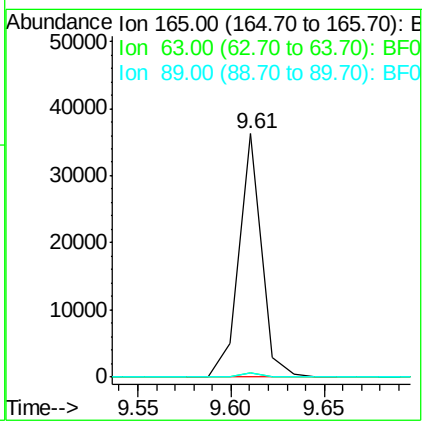


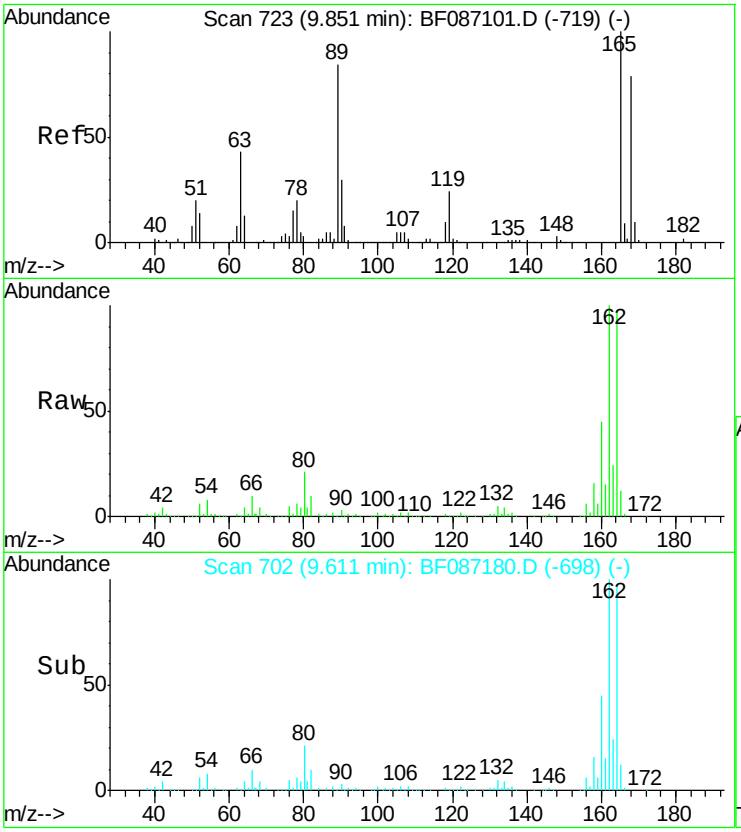


#50
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.15 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion:165 Resp: 30787

Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.8	77.8#
89	1.9	50.7	76.1#



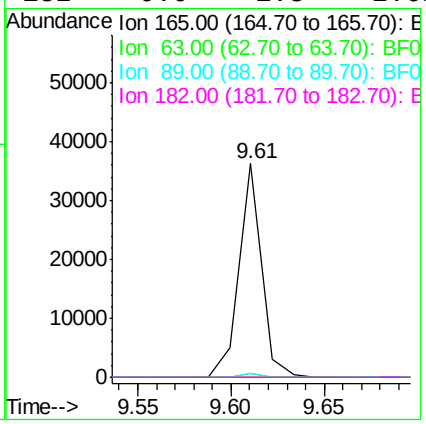


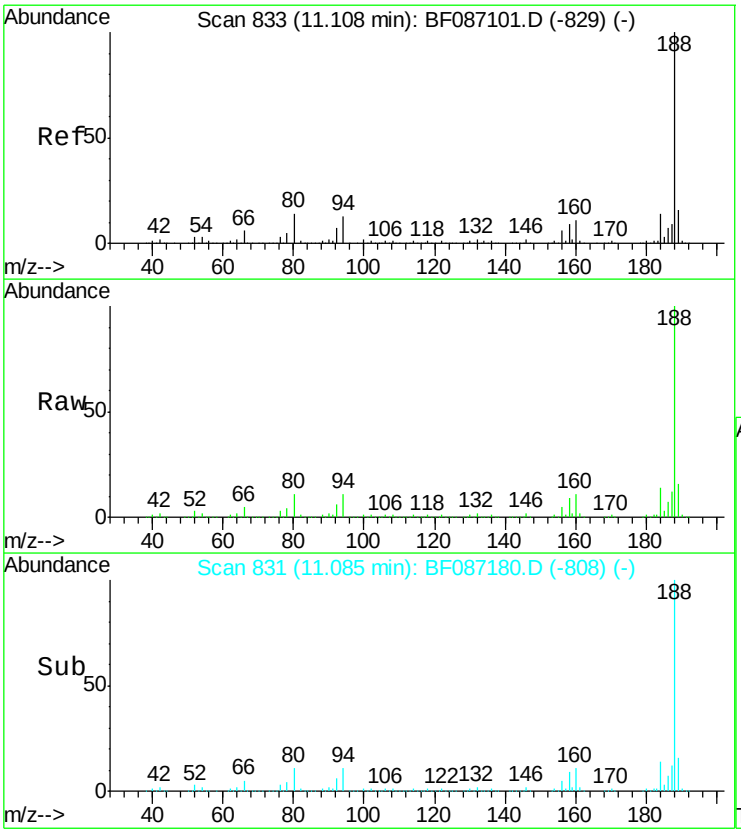
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion:165 Resp: 30787

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#

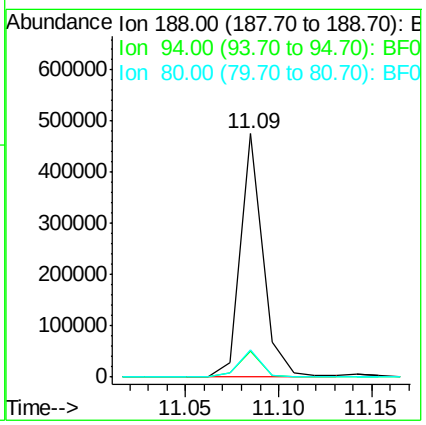


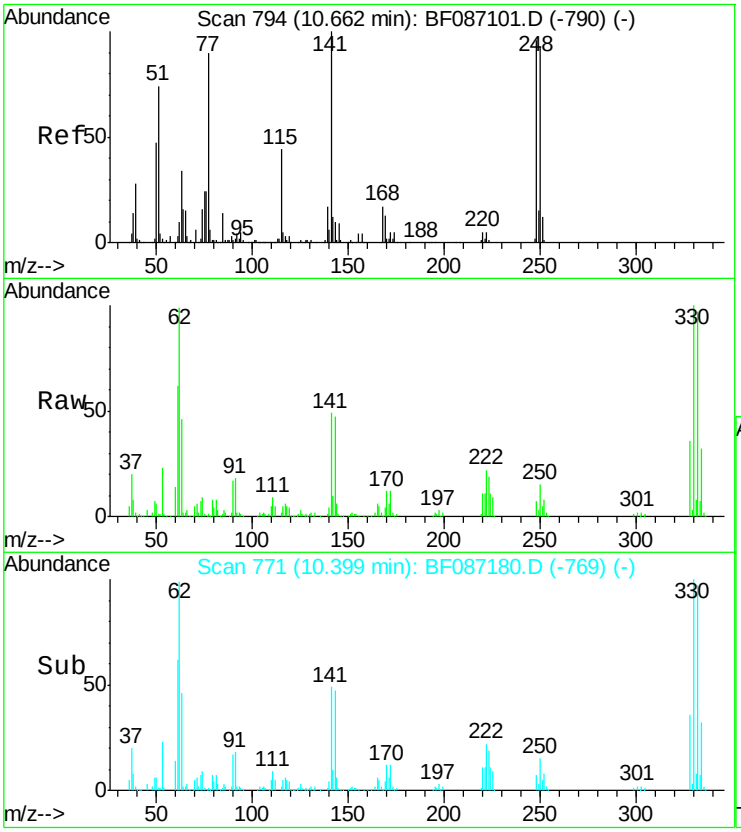


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion:188 Resp: 403071

Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.8	10.2#
80	11.2	7.1	10.7#



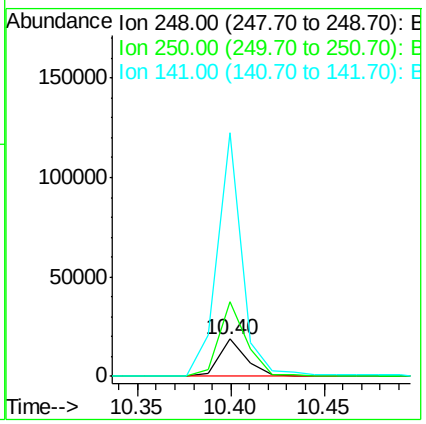


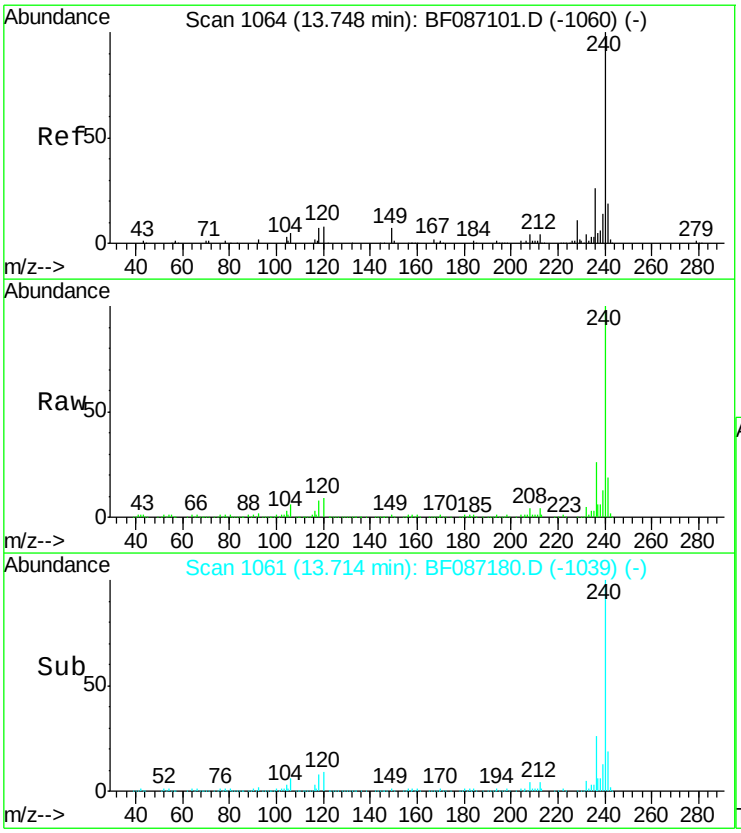
#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion:248 Resp: 19142

Ion	Ratio	Lower	Upper
248	100		
250	202.4	78.6	117.8#
141	657.2	76.0	114.0#

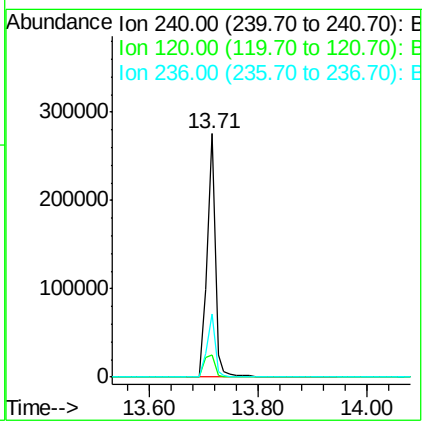


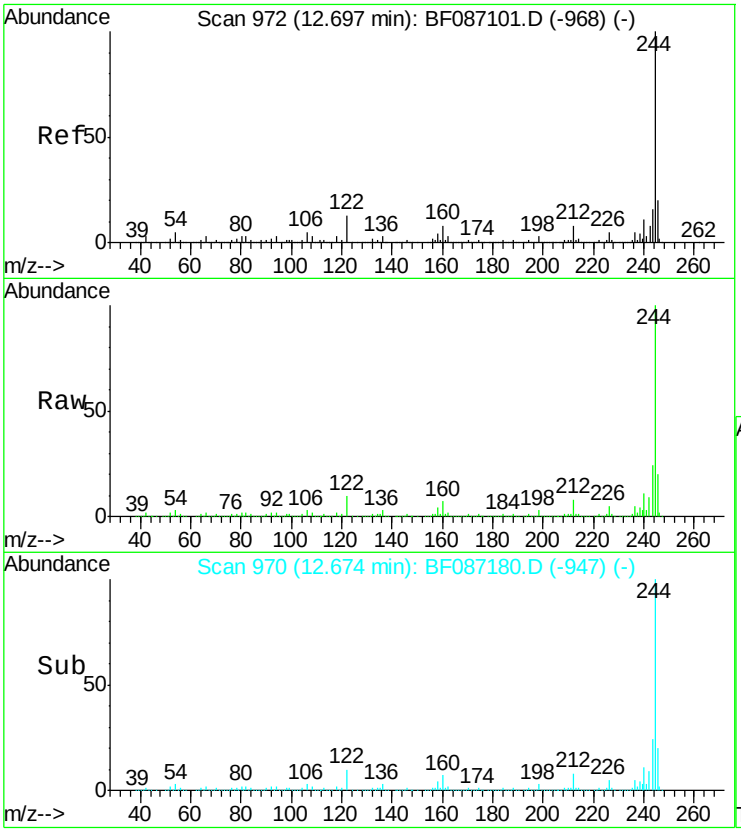


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion:240 Resp: 288864

Ion	Ratio	Lower	Upper
240	100		
120	9.0	11.2	16.8#
236	26.0	21.2	31.8



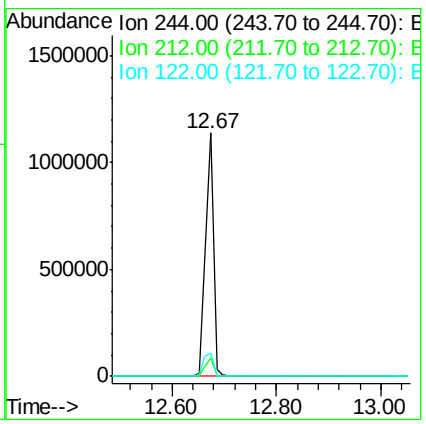


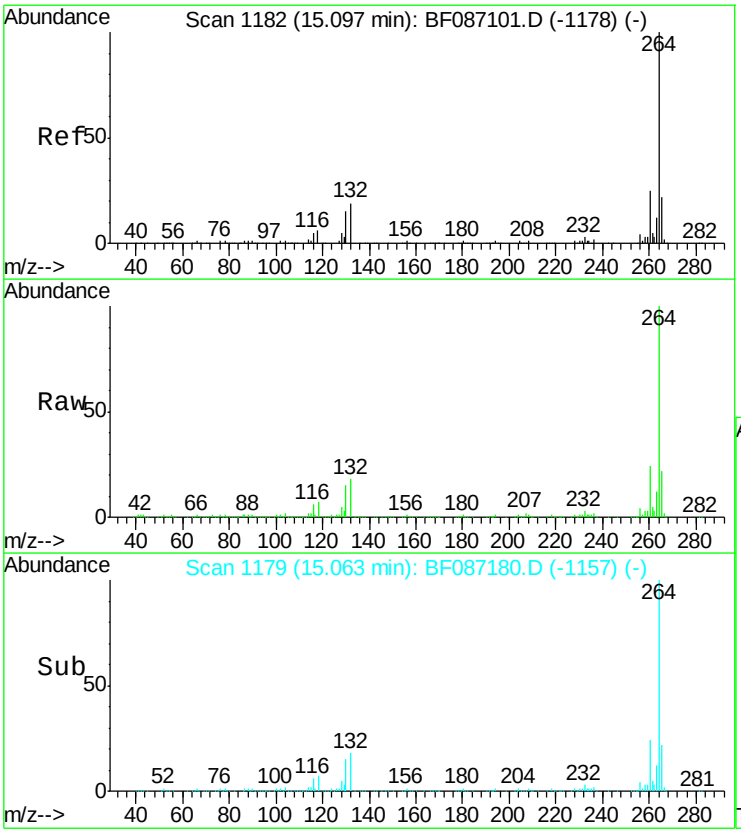
#78
Terphenyl-d14
Concen: 92.95 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion:244 Resp: 1186901

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.6	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion:264 Resp: 294768

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	17.3	25.9