Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087181.D
Acq On : 19 May 2016 10:07
Operator : UM/SJ
Sample : H3121-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Time: May 19 12:44:37 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	130410	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	527868	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	251275	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	410831	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	289826	20.00	ng	-0.05
86) Perylene-d12	15.06	264	297793	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	473924	61.08	ng	-0.03
7) Phenol-d6	6.24	99	399610	38.40	ng	-0.05
23) Nitrobenzene-d5	7.15	82	912293	86.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	352705	127.02	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1529693	100.82	ng	-0.03
78) Terphenyl-d14	12.67	244	977525	76.30	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	24814	3.27	ng	# 81
15) Benzyl Alcohol	6.73	79	16149	2.08	ng	# 41
19) n-Nitroso-di-n-propylamine	7.15	70	135118	17.08	ng	# 73
25) Isophorone	7.15	82	742553	38.30	ng	# 68
49) Dimethylphthalate	9.35	163	42737	2.23	ng	99
50) 2,6-Dinitrotoluene	9.61	165	32926	7.91	ng	# 21
56) 2,4-Dinitrotoluene	9.61	165	32926	6.18	ng	# 17
66) 4-Bromophenyl-phenylether	10.40	248	19841	4.70	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
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Acq On : 19 May 2016 10:07
Operator : UM/SJ
Sample : H3121-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
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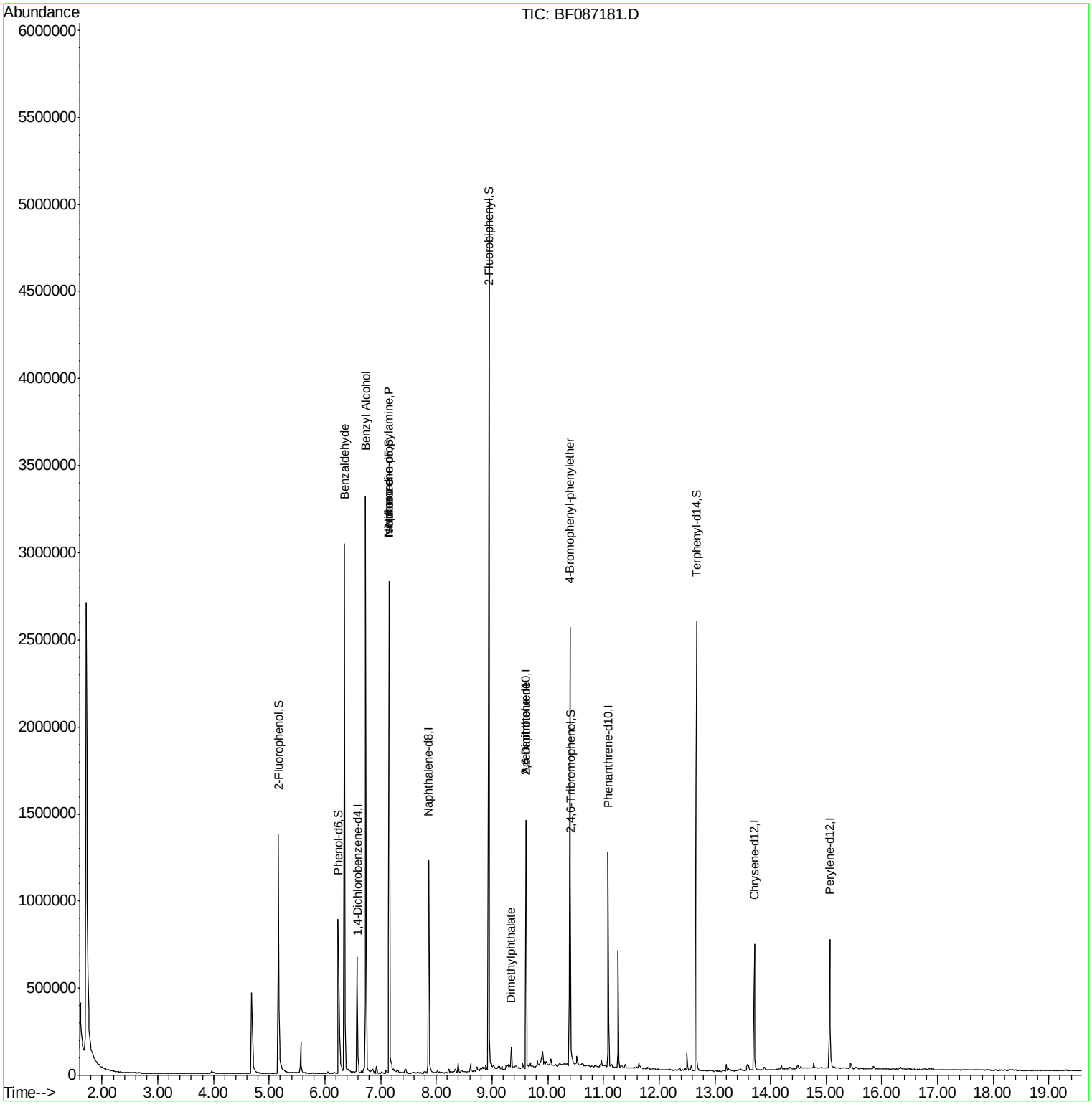
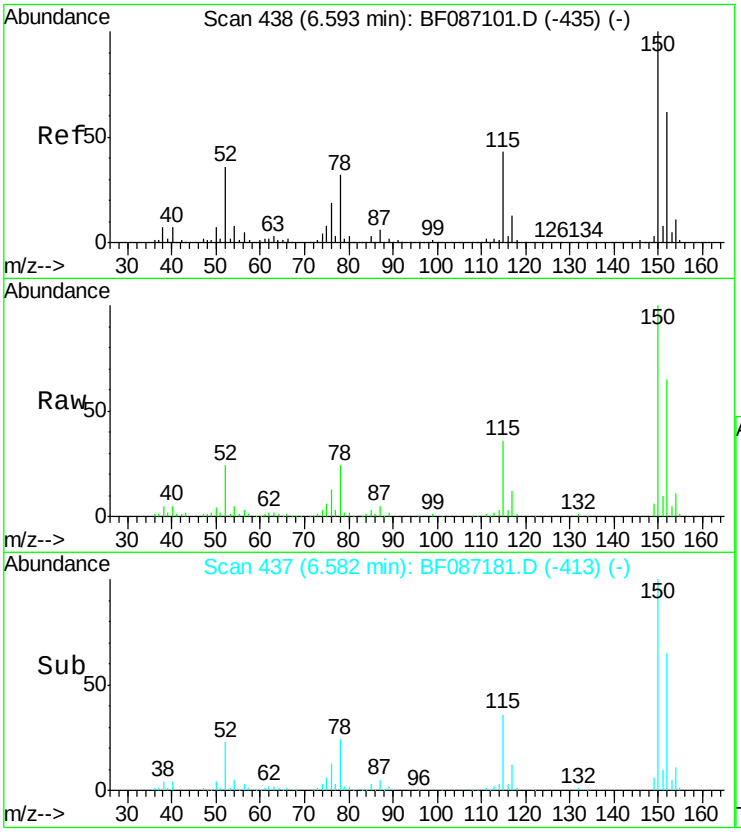


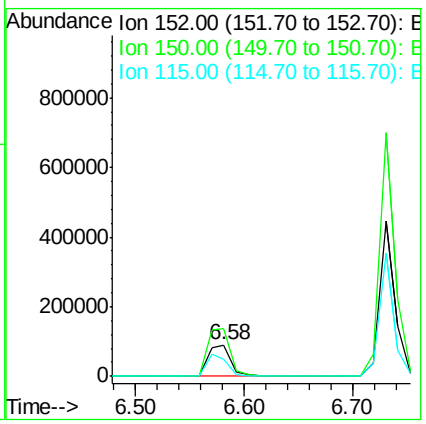


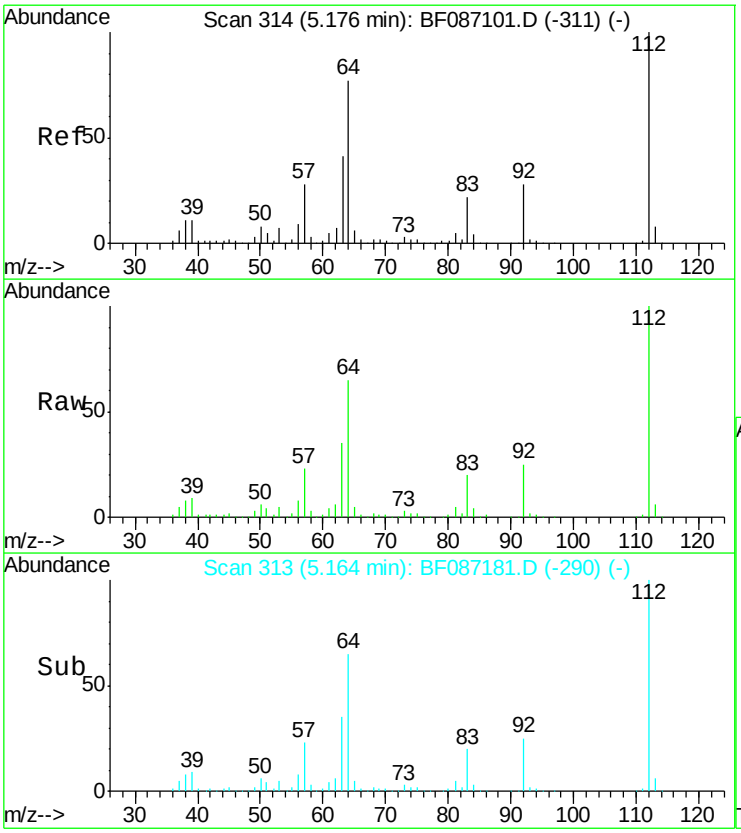
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:152 Resp: 130410

Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.8	188.6
115	55.8	51.5	77.3

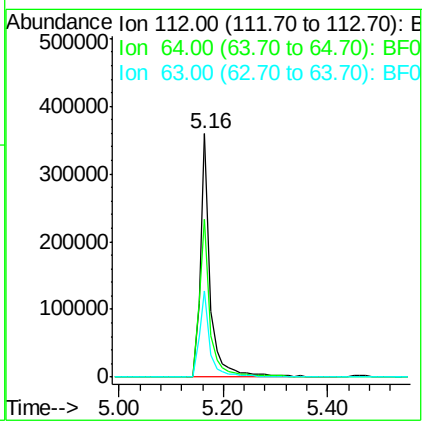


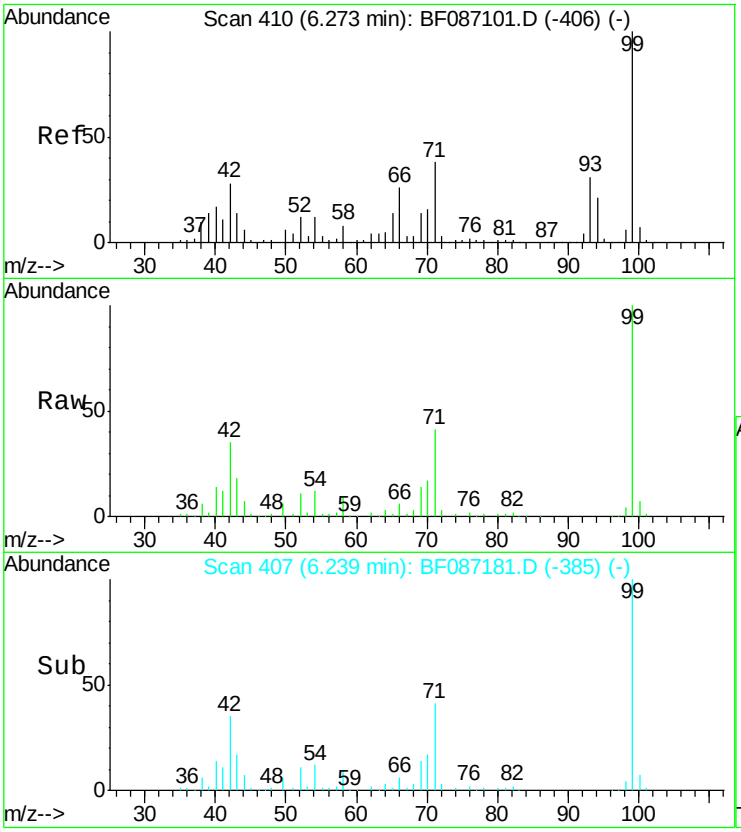


#5
2-Fluorophenol
Concen: 61.08 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion:112 Resp: 473924

Ion	Ratio	Lower	Upper
112	100		
64	64.7	52.1	78.1
63	35.4	25.7	38.5



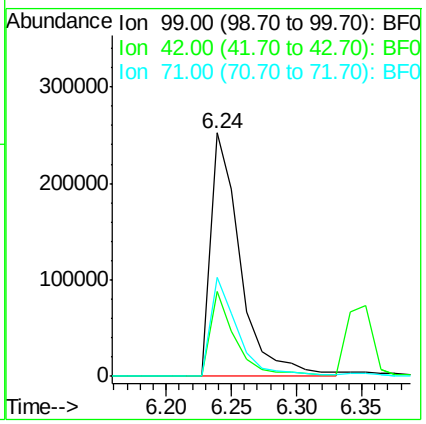


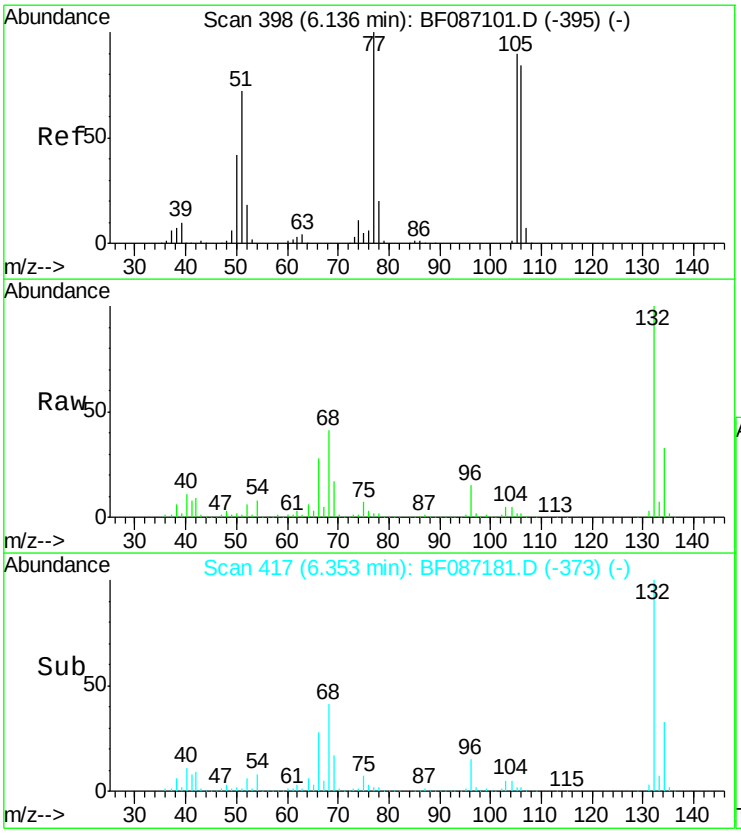
#7
Phenol-d6
Concen: 38.40 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 99 Resp: 399610

Ion	Ratio	Lower	Upper
99	100		
42	34.9	13.6	20.4#
71	40.8	24.6	36.8#

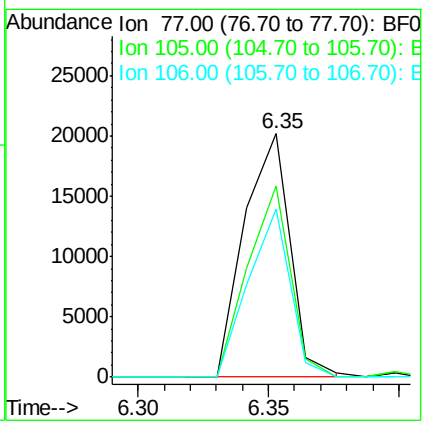


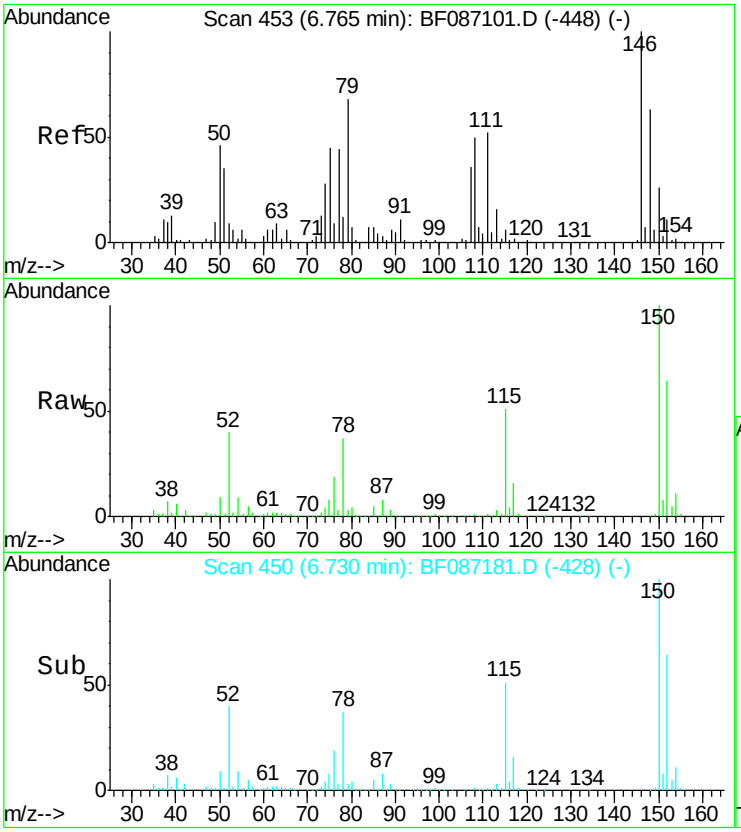


#9
Benzaldehyde
Concen: 3.27 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.21 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion: 77 Resp: 24814

Ion	Ratio	Lower	Upper
77	100		
105	78.3	72.7	112.7
106	68.9	70.8	110.8#



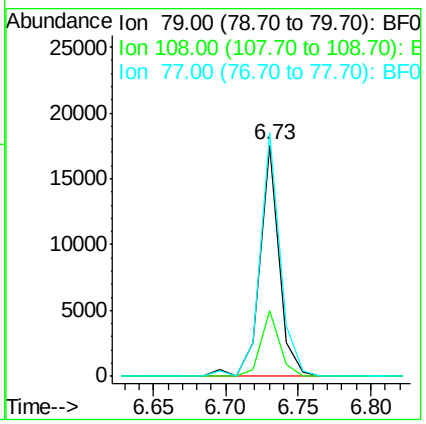


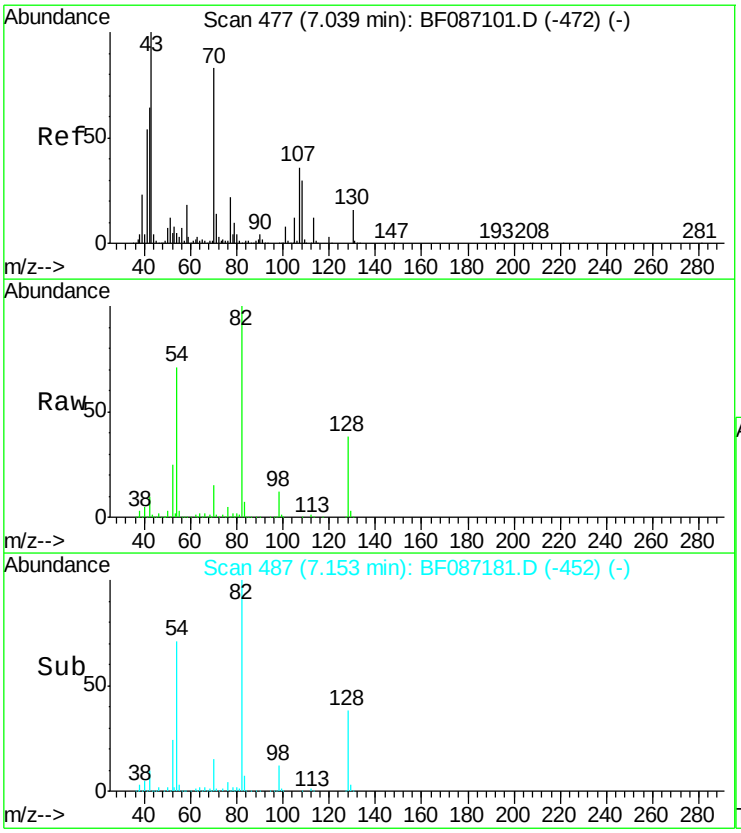
#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 79 Resp: 16149

Ion	Ratio	Lower	Upper
79	100		
108	28.3	68.4	102.6#
77	105.4	50.6	76.0#

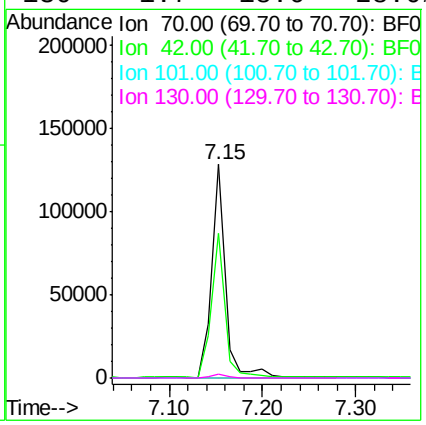


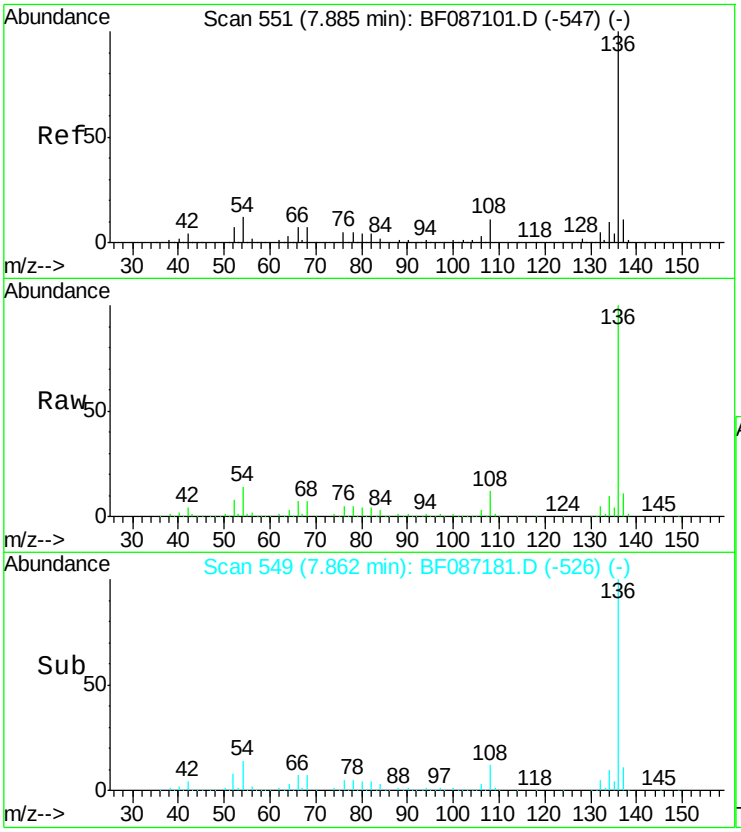


#19
n-Nitroso-di-n-propylamine
Concen: 17.08 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.10 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion: 70 Resp: 135118

Ion	Ratio	Lower	Upper
70	100		
42	67.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



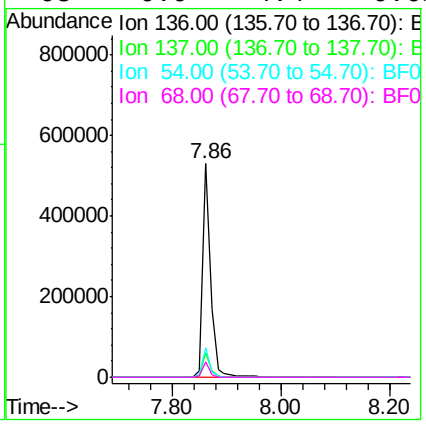


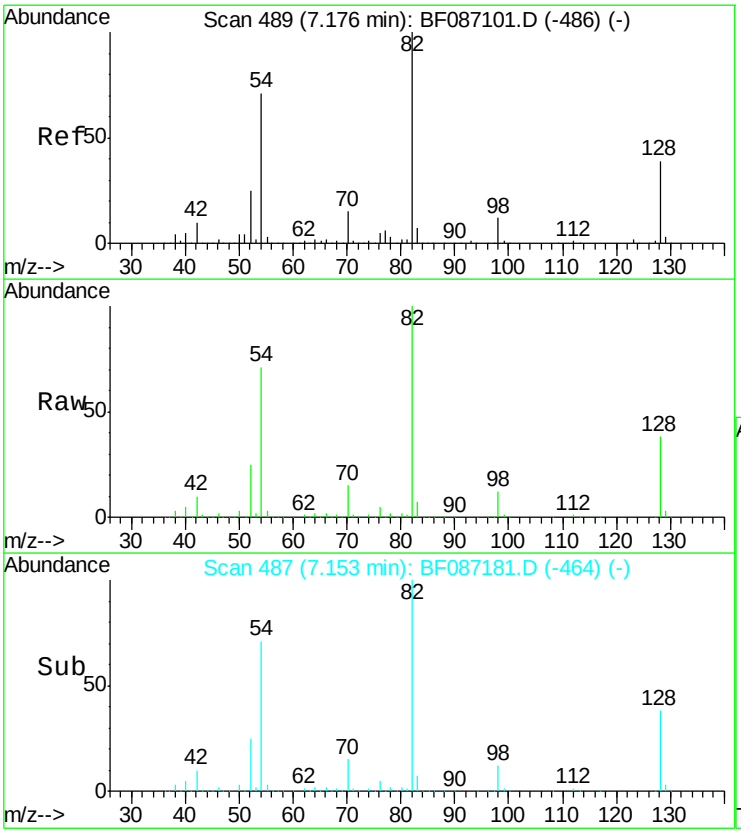
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:136 Resp: 527868

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.6	5.0	7.4#
68	6.9	4.4	6.6#

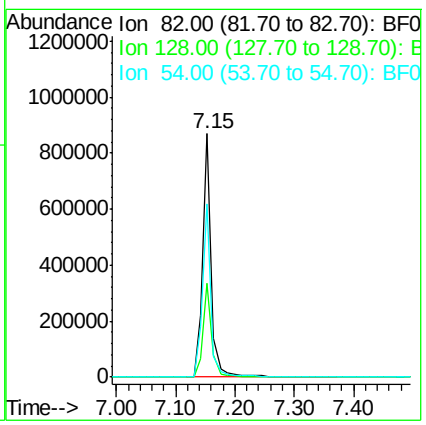


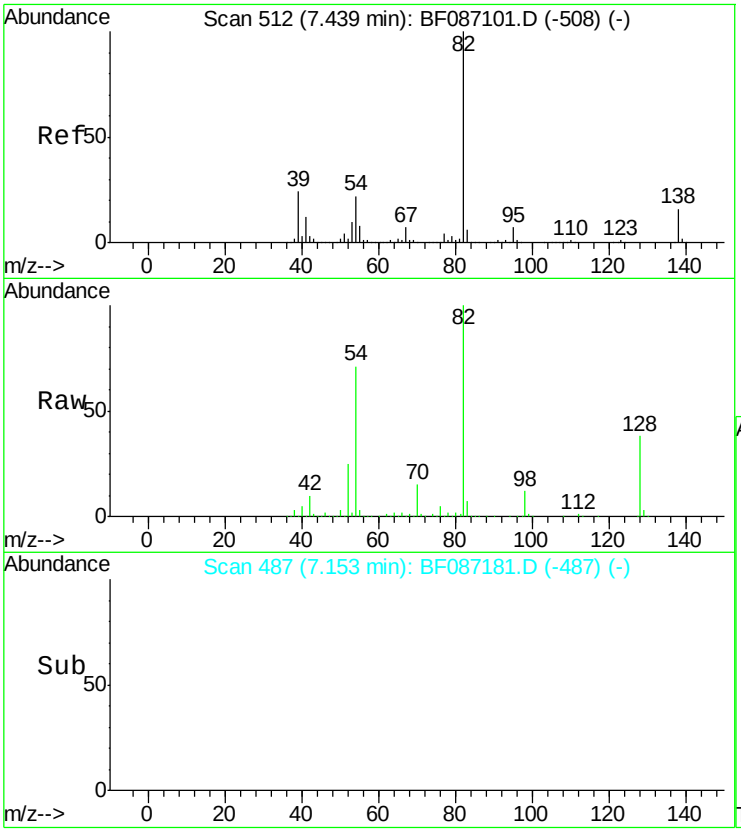


#23
Nitrobenzene-d5
Concen: 86.13 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion: 82 Resp: 912293

Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	61.0#
54	71.2	38.1	57.1#



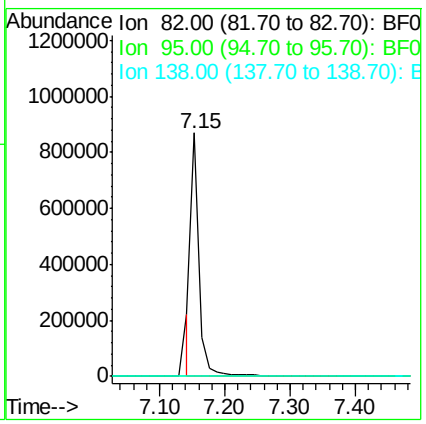


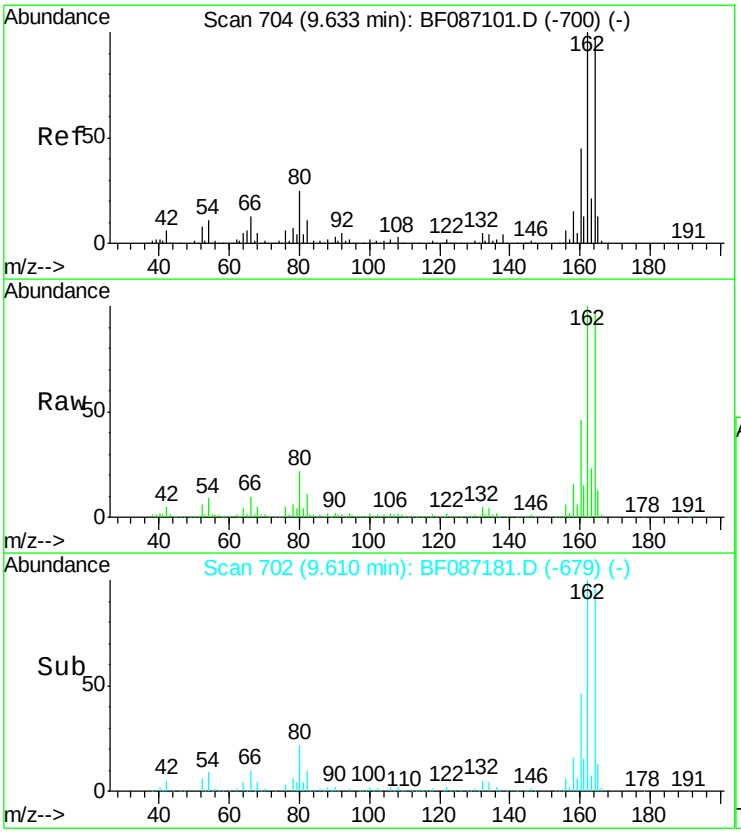
#25
Isophorone
Concen: 38.30 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.30 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 82 Resp: 742553

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

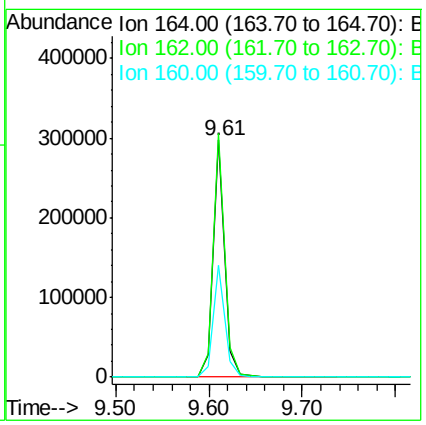


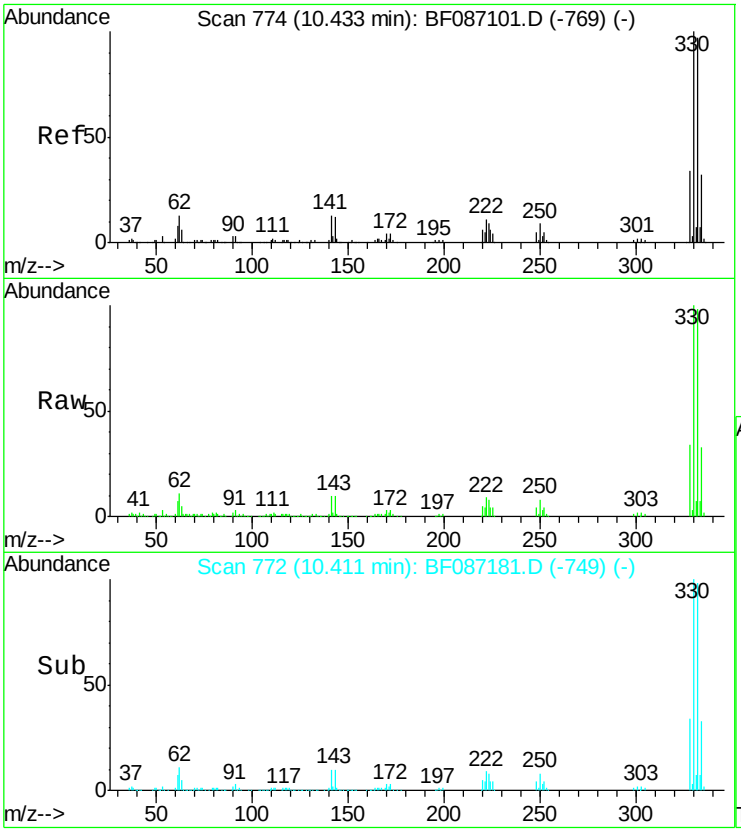


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion:164 Resp: 251275

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	47.0	36.9	55.3



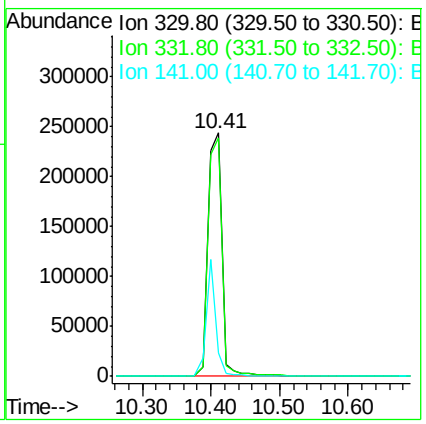


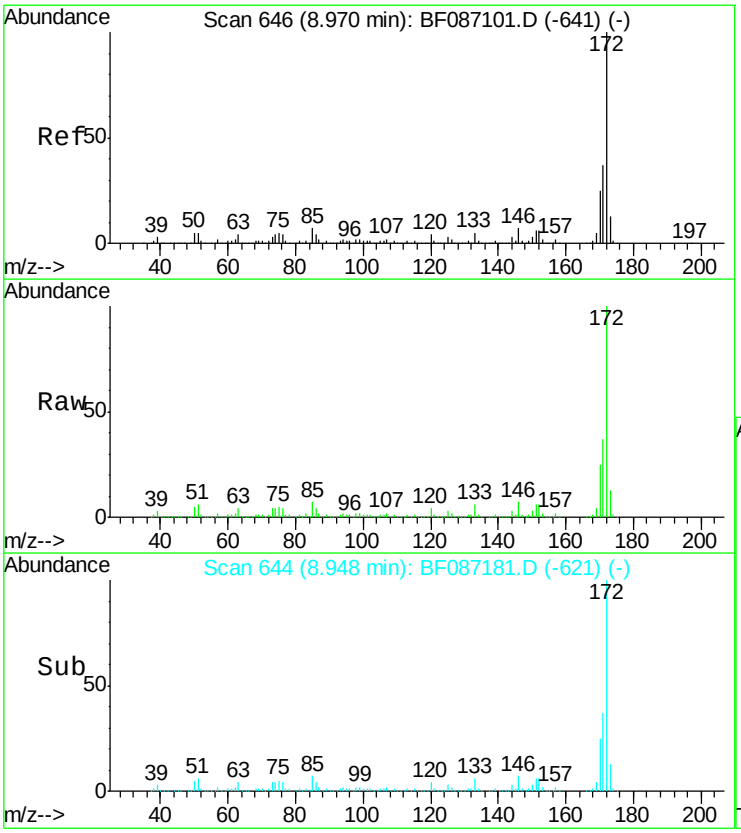
#41
2,4,6-Tribromophenol
Concen: 127.02 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:330 Resp: 352705

Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.0	118.4
141	33.8	31.2	46.8

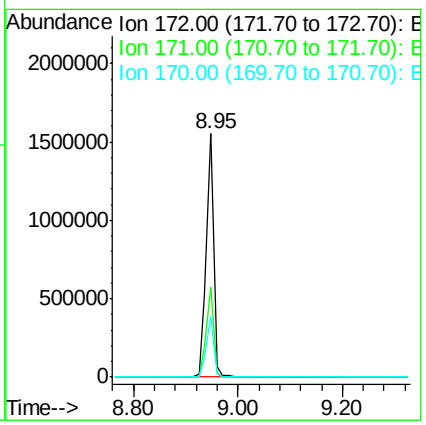


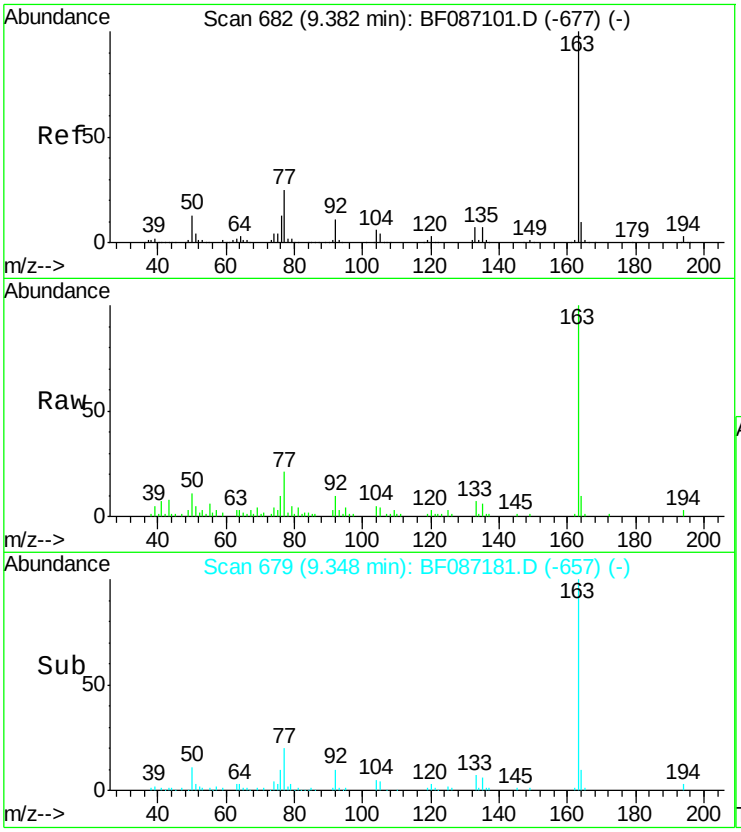


#44
2-Fluorobiphenyl
Concen: 100.82 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion:172 Resp: 1529693

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.0	19.8	29.8



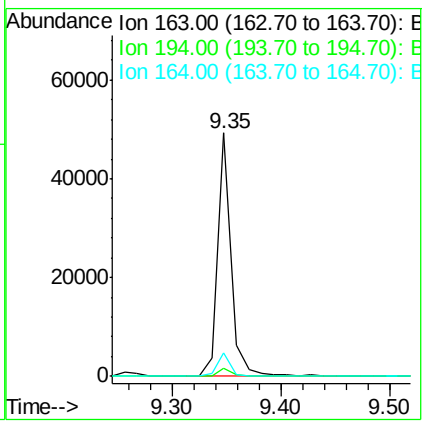


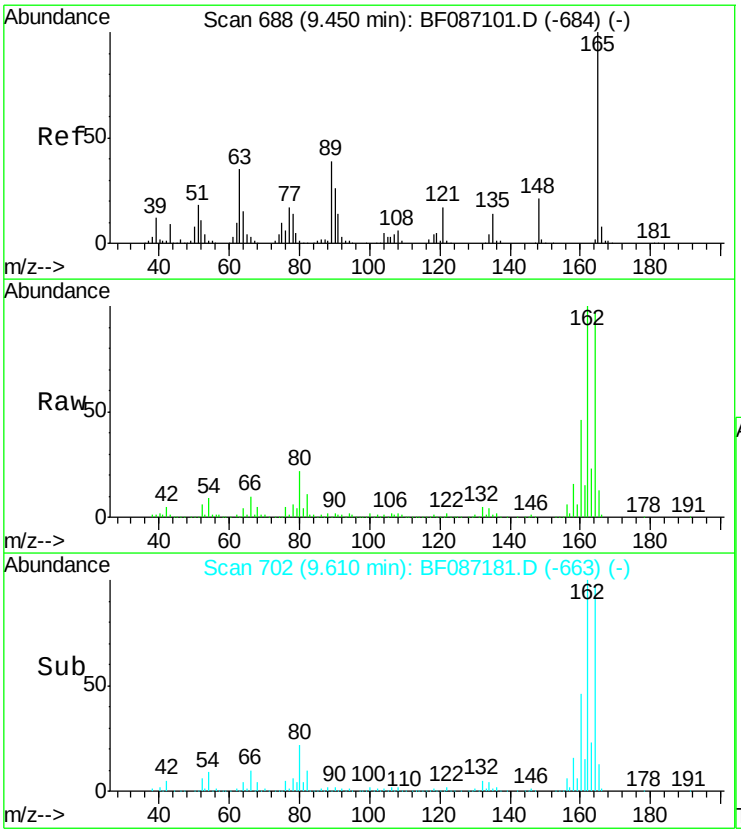
#49
Dimethylphthalate
Concen: 2.23 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:163 Resp: 42737

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.6	8.2	12.4

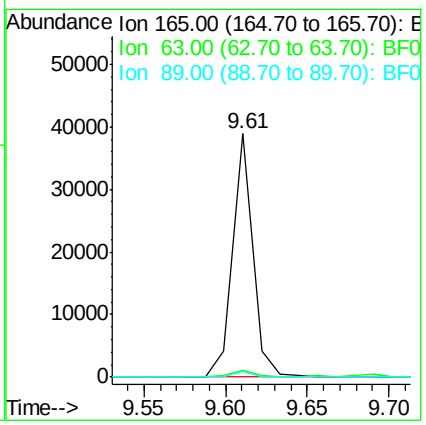


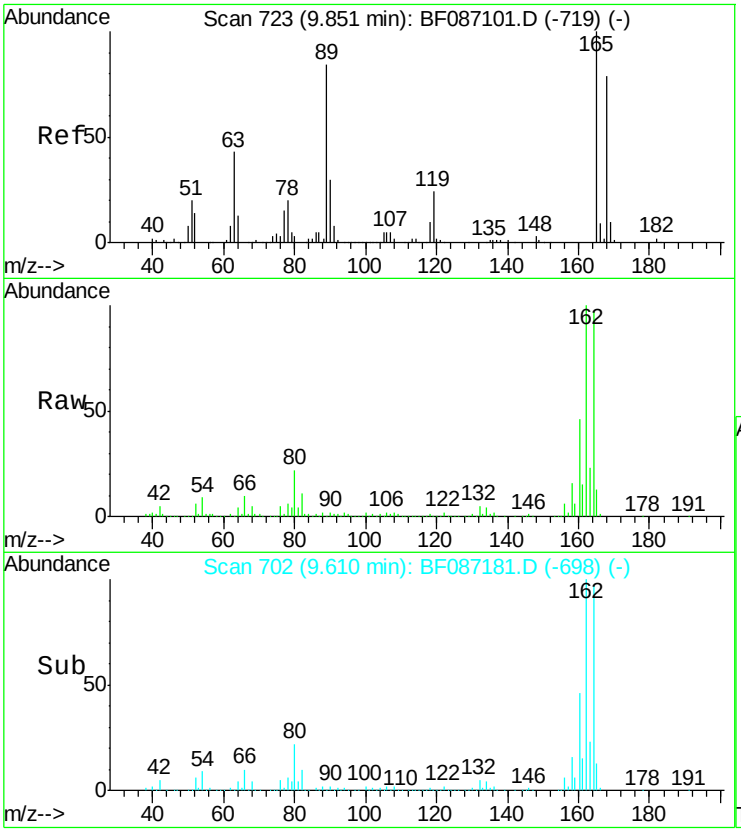


#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.15 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion:165 Resp: 32926

Ion	Ratio	Lower	Upper
165	100		
63	2.6	51.8	77.8#
89	2.4	50.7	76.1#



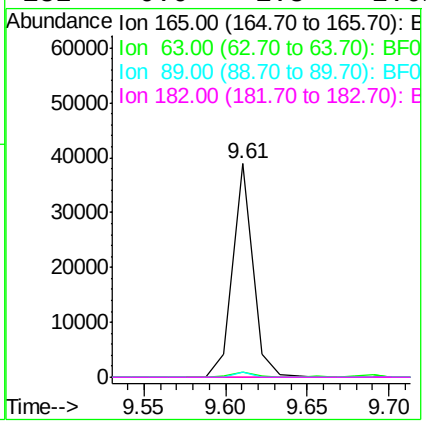


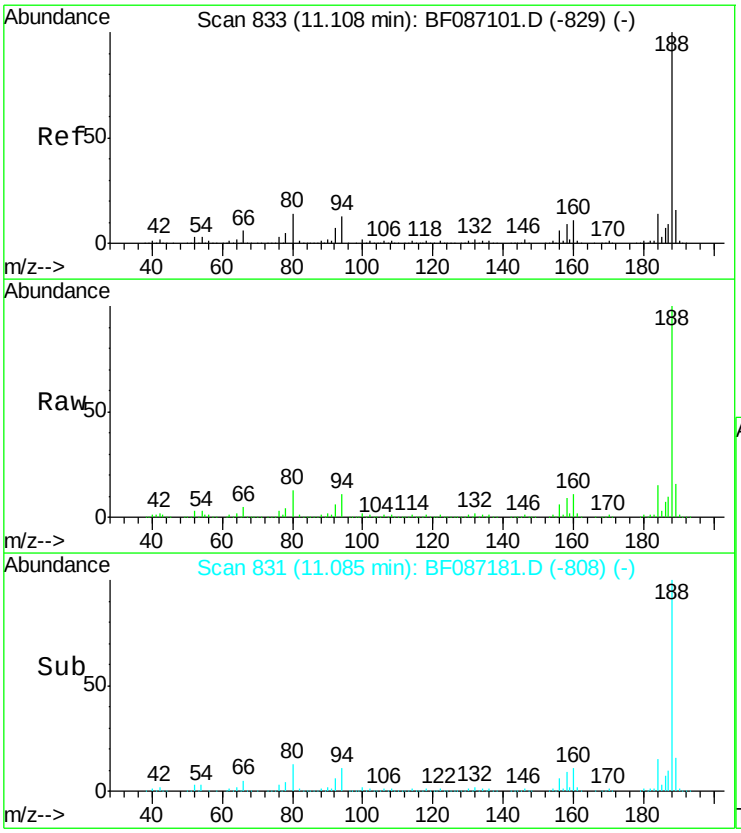
#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:165 Resp: 32926

Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.3	66.5#
89	2.4	70.0	105.0#
182	0.0	1.8	2.6#

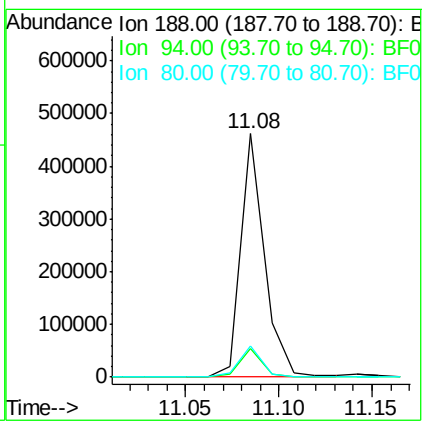


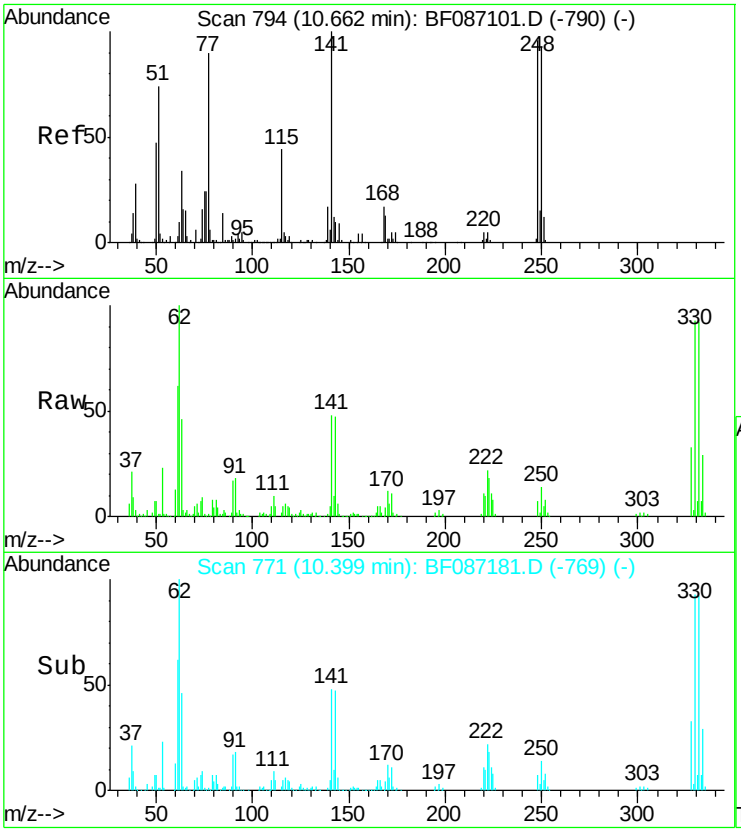


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion:188 Resp: 410831

Ion	Ratio	Lower	Upper
188	100		
94	11.5	6.8	10.2#
80	12.7	7.1	10.7#



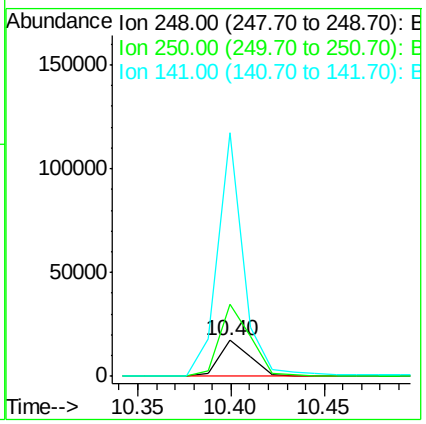


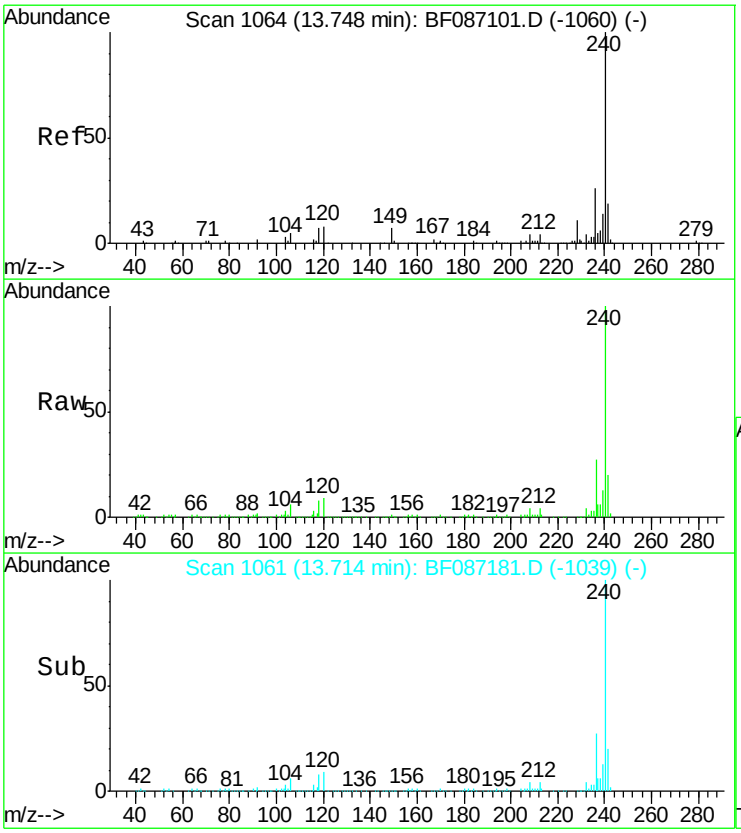
#66
4-Bromophenyl-phenylether
Concen: 4.70 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:248 Resp: 19841

Ion	Ratio	Lower	Upper
248	100		
250	201.7	78.6	117.8#
141	678.1	76.0	114.0#

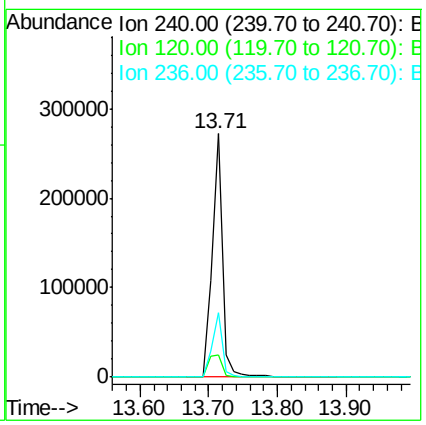


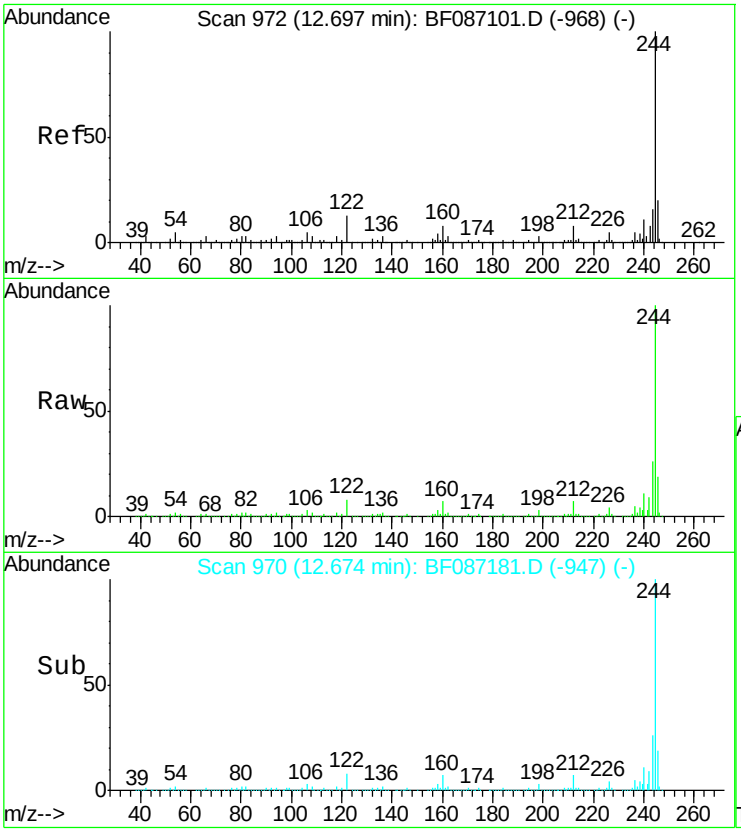


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion:240 Resp: 289826

Ion	Ratio	Lower	Upper
240	100		
120	9.0	11.2	16.8#
236	26.5	21.2	31.8



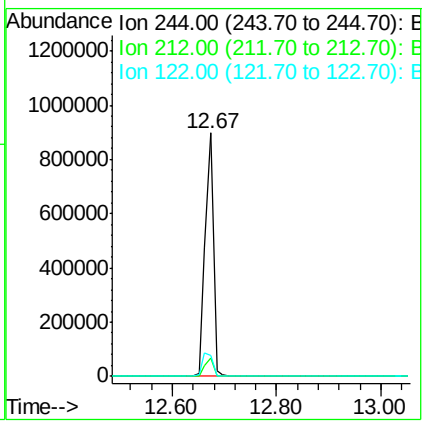


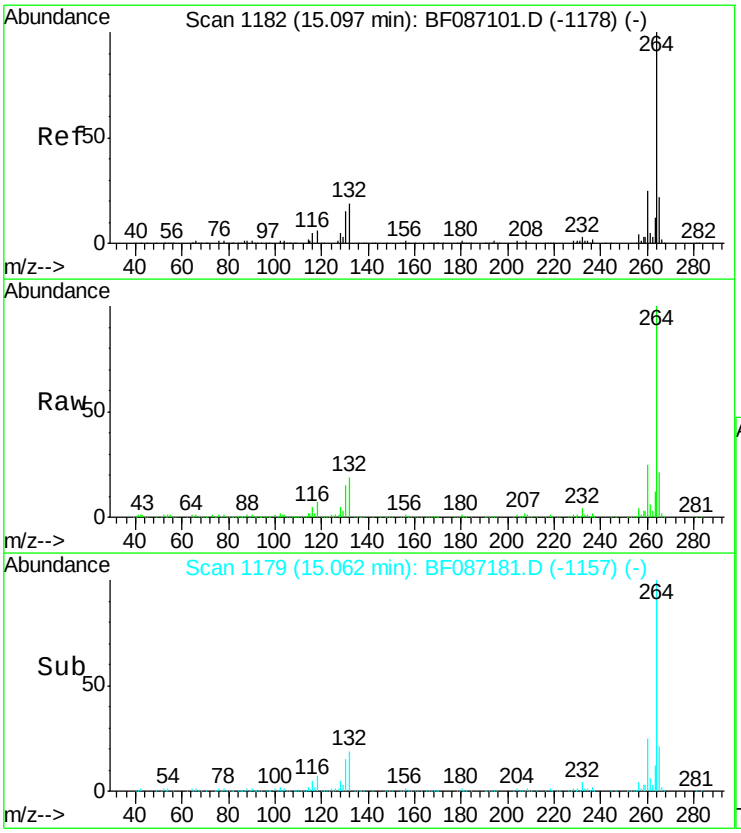
#78
Terphenyl-d14
Concen: 76.30 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:244 Resp: 977525

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	8.4	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: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion:264 Resp: 297793

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9