Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086174.D
Acq On : 8 Apr 2016 18:03
Operator : UM/SJ
Sample : H2343-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Time: Apr 08 23:20:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121873	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	497271	20.00	ng		-0.06
38) Acenaphthene-d10	9.76	164	237671	20.00	ng		-0.06
63) Phenanthrene-d10	11.24	188	454133	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	356196	20.00	ng		-0.05
86) Perylene-d12	15.28	264	251229	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	480819	67.44	ng		-0.05
7) Phenol-d6	6.37	99	399944	44.16	ng		-0.05
23) Nitrobenzene-d5	7.30	82	783699	92.94	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	314377	140.93	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1387934	97.10	ng		-0.05
78) Terphenyl-d14	12.83	244	1156464	76.32	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	17964	3.69	ng		87
19) n-Nitroso-di-n-propylamine	7.30	70	102681	18.29	ng	#	77
25) Isophorone	7.30	82	782757	47.03	ng	#	68
49) Dimethylphthalate	9.49	163	35847	2.03	ng		99
50) 2,6-Dinitrotoluene	9.76	165	29952	8.04	ng	#	18
56) 2,4-Dinitrotoluene	9.76	165	29953	6.36	ng	#	36
66) 4-Bromophenyl-phenylether	10.56	248	21278	4.59	ng	#	1

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

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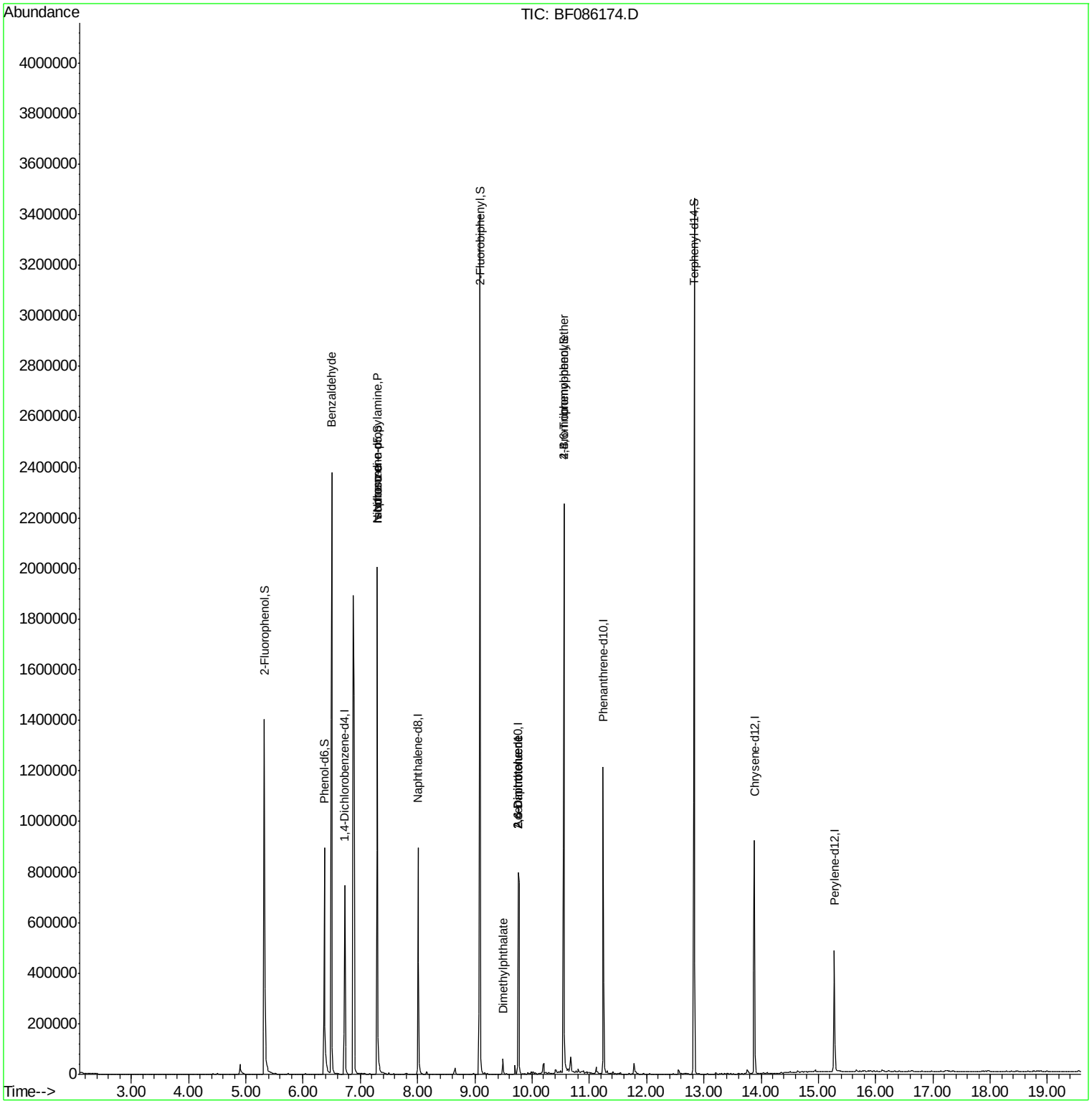
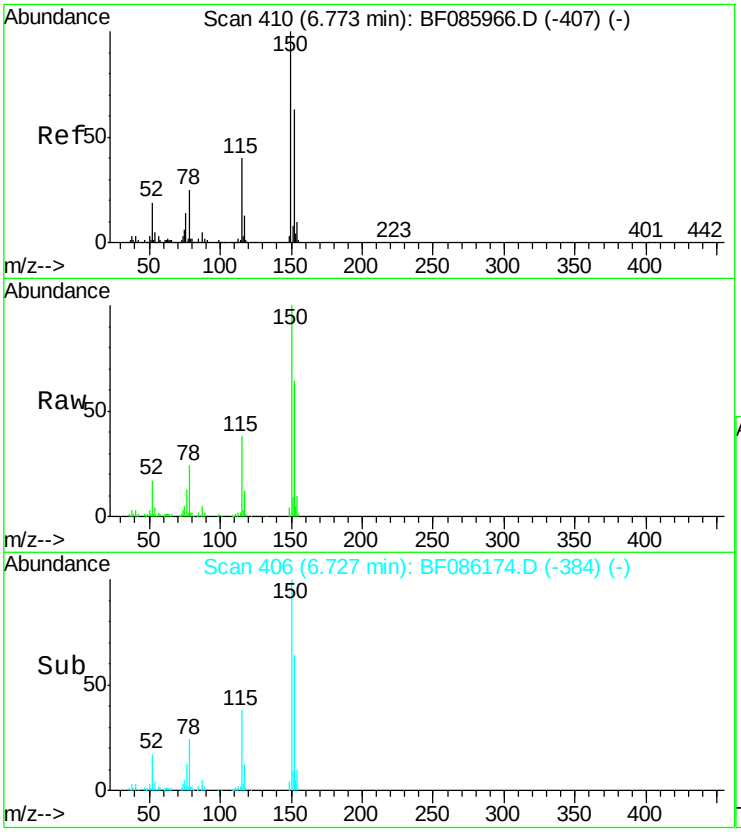


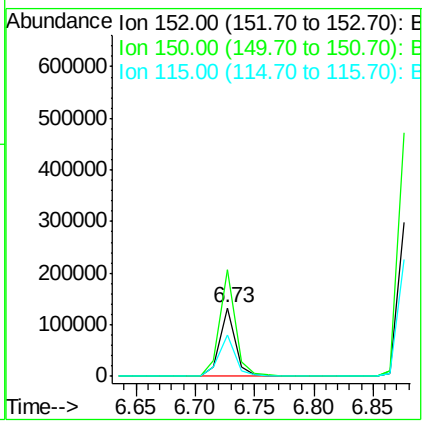


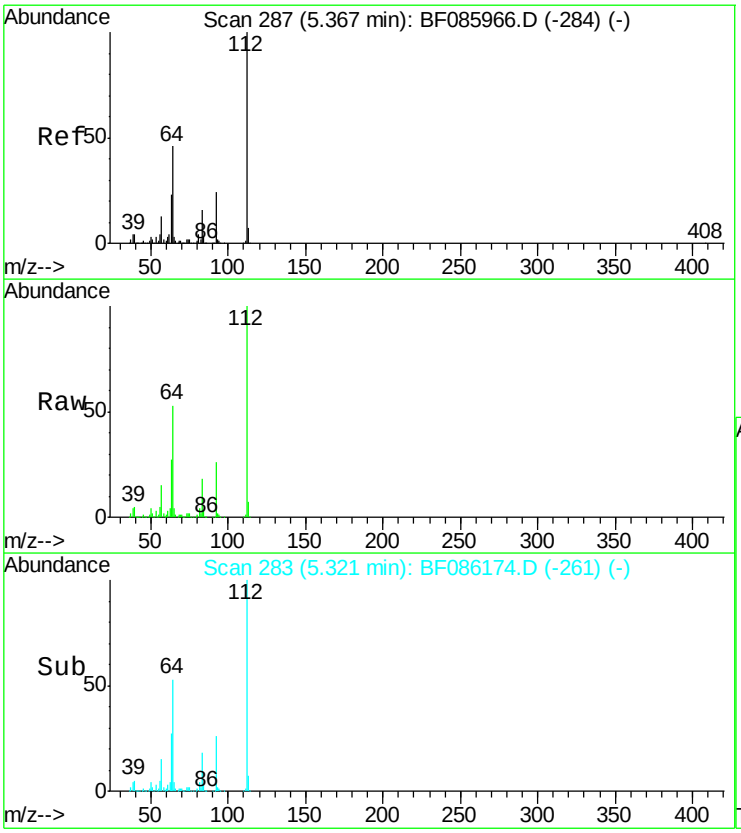
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 121873

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.2
115	60.1	47.0	70.6

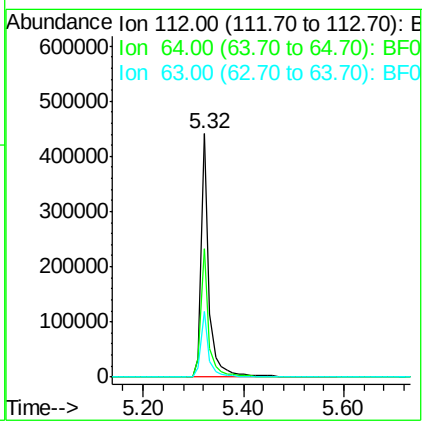


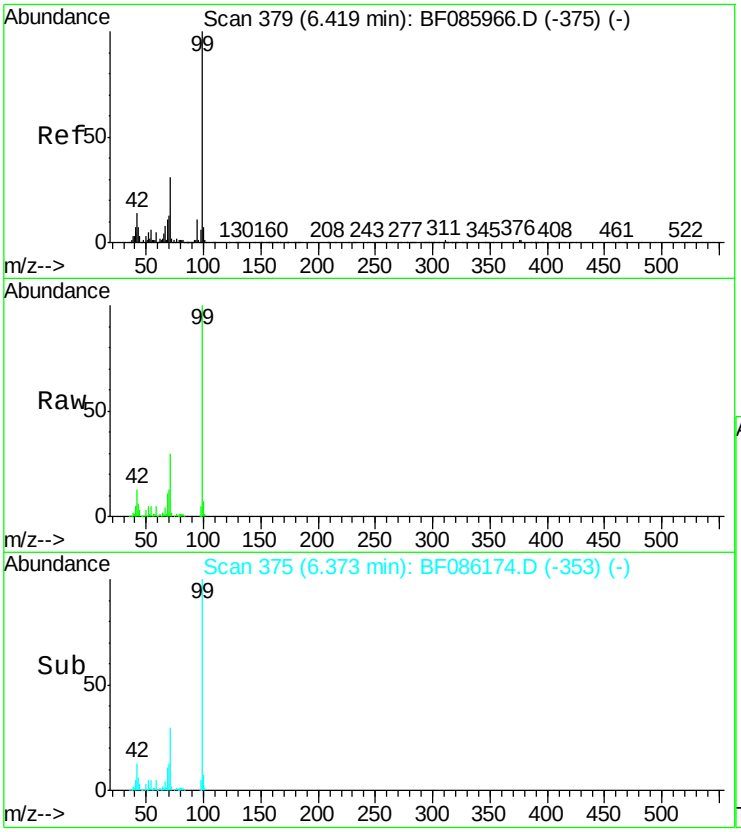


#5
2-Fluorophenol
Concen: 67.44 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion:112 Resp: 480819

Ion	Ratio	Lower	Upper
112	100		
64	52.5	39.9	59.9
63	26.9	20.2	30.2



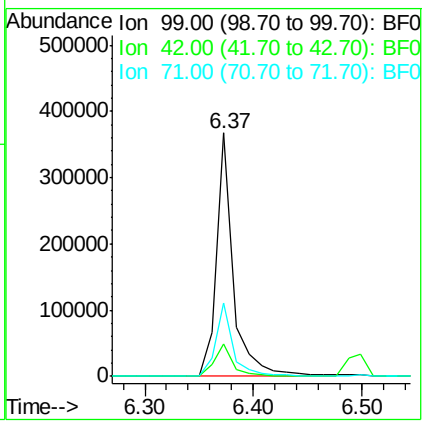


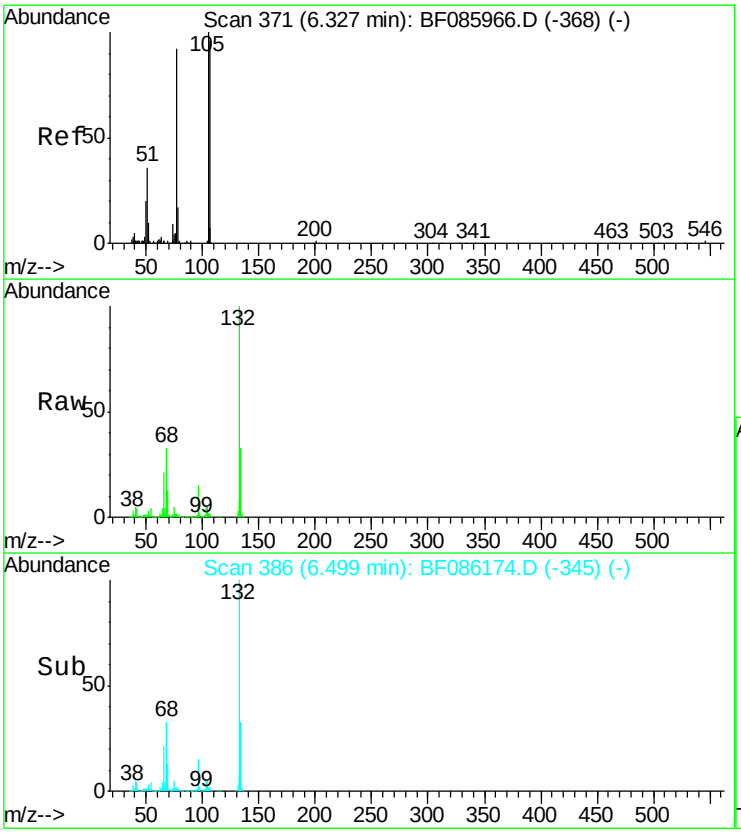
#7
Phenol-d6
Concen: 44.16 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 399944

Ion	Ratio	Lower	Upper
99	100		
42	13.4	11.1	16.7
71	30.1	24.9	37.3

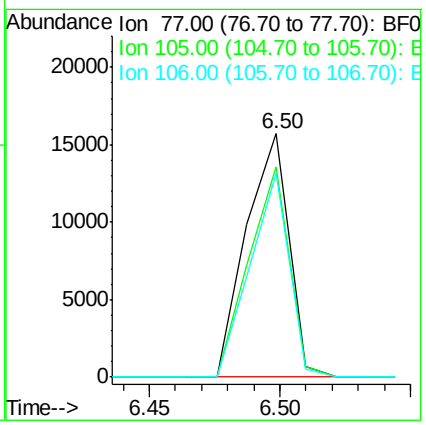


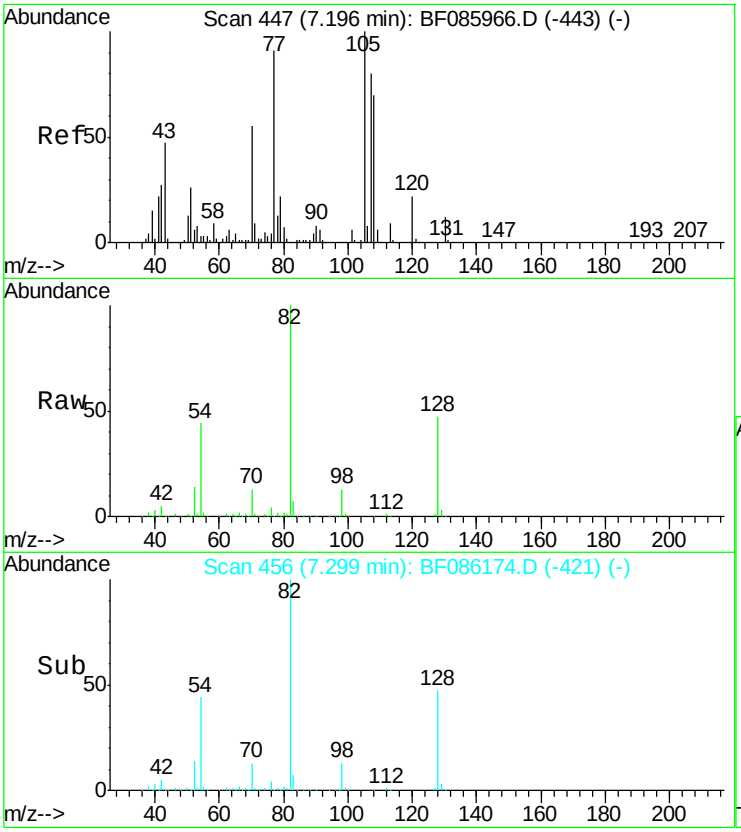


#9
Benzaldehyde
Concen: 3.69 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.17 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion: 77 Resp: 17964

Ion	Ratio	Lower	Upper
77	100		
105	86.4	80.1	120.1
106	83.9	75.0	115.0



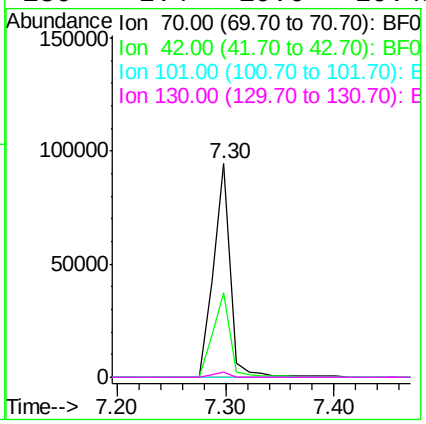


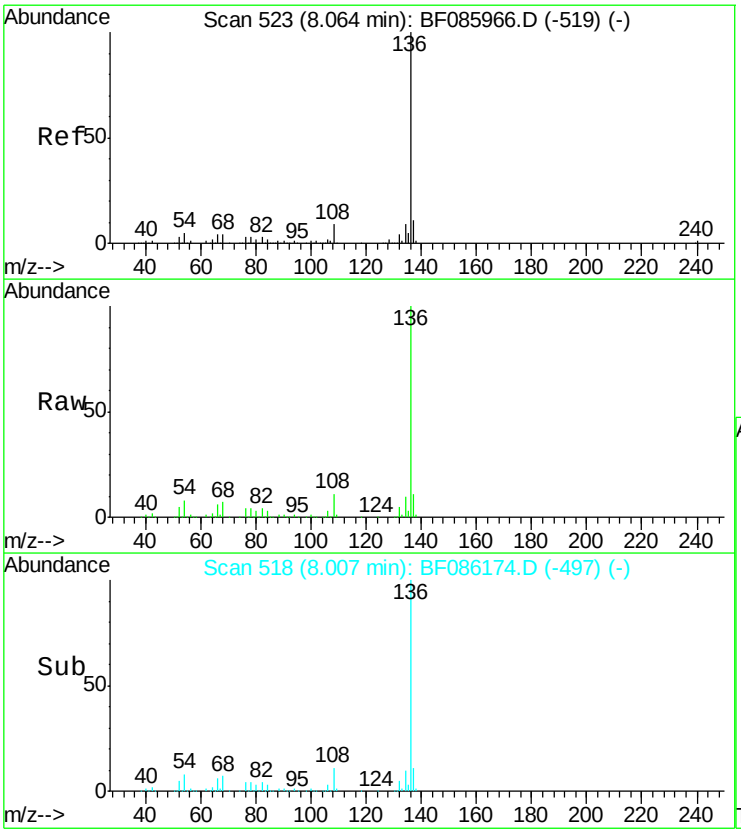
#19
n-Nitroso-di-n-propylamine
Concen: 18.29 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 70 Resp: 102681

Ion	Ratio	Lower	Upper
70	100		
42	39.6	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#

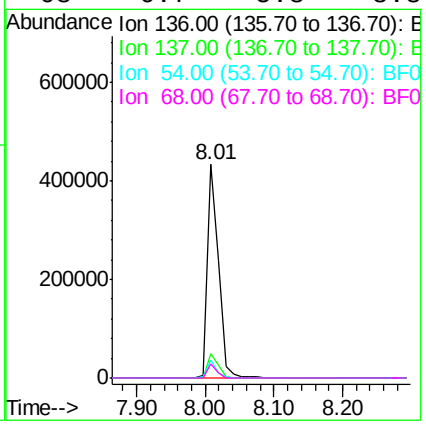


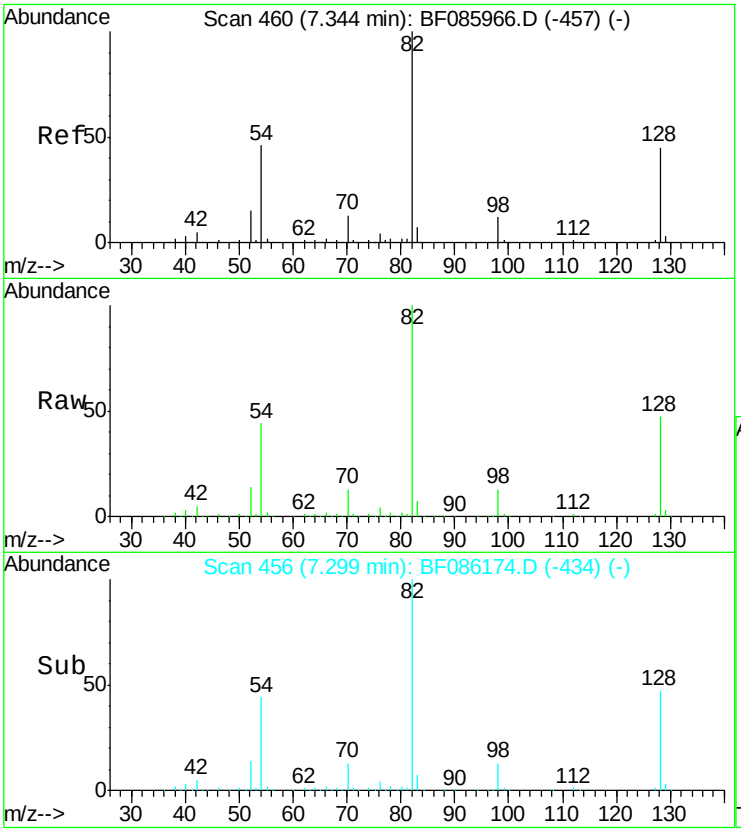


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion:136 Resp: 497271

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.1	7.4	11.0
68	6.7	5.8	8.8



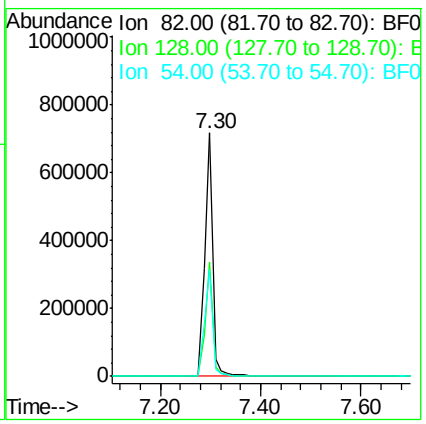


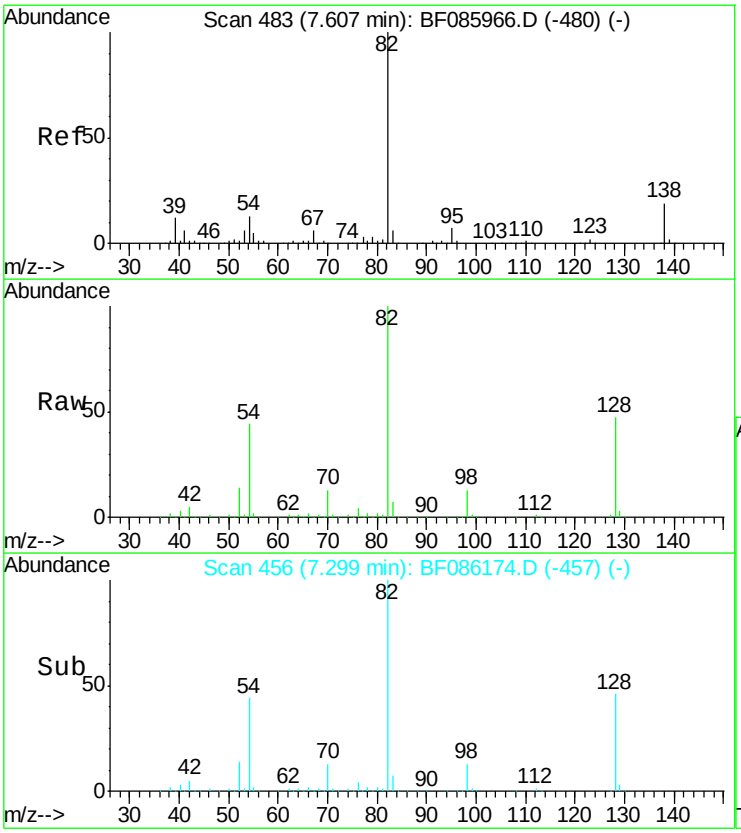
#23
Nitrobenzene-d5
Concen: 92.94 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 82 Resp: 783699

Ion	Ratio	Lower	Upper
82	100		
128	47.1	41.8	62.8
54	43.8	33.4	50.0

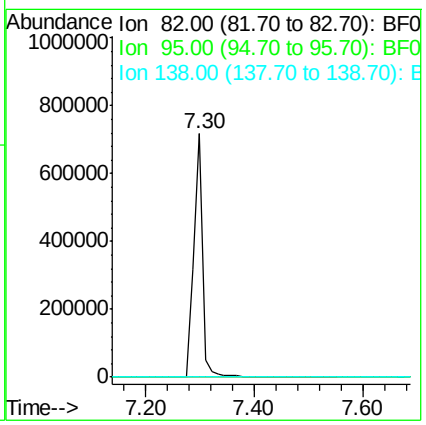


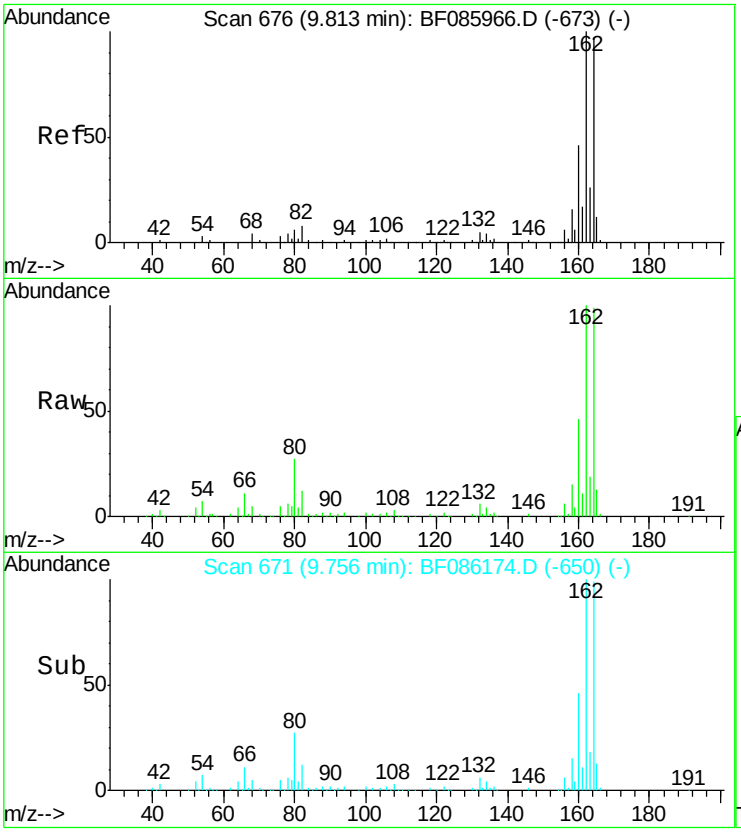


#25
Isophorone
Concen: 47.03 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion: 82 Resp: 782757

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



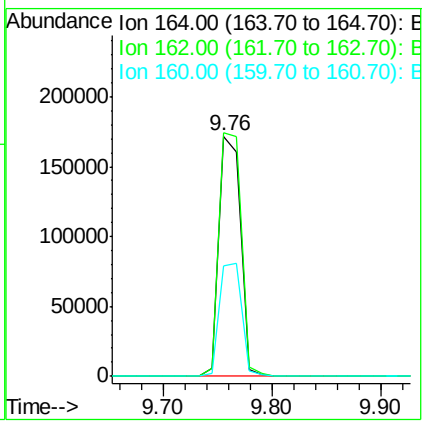


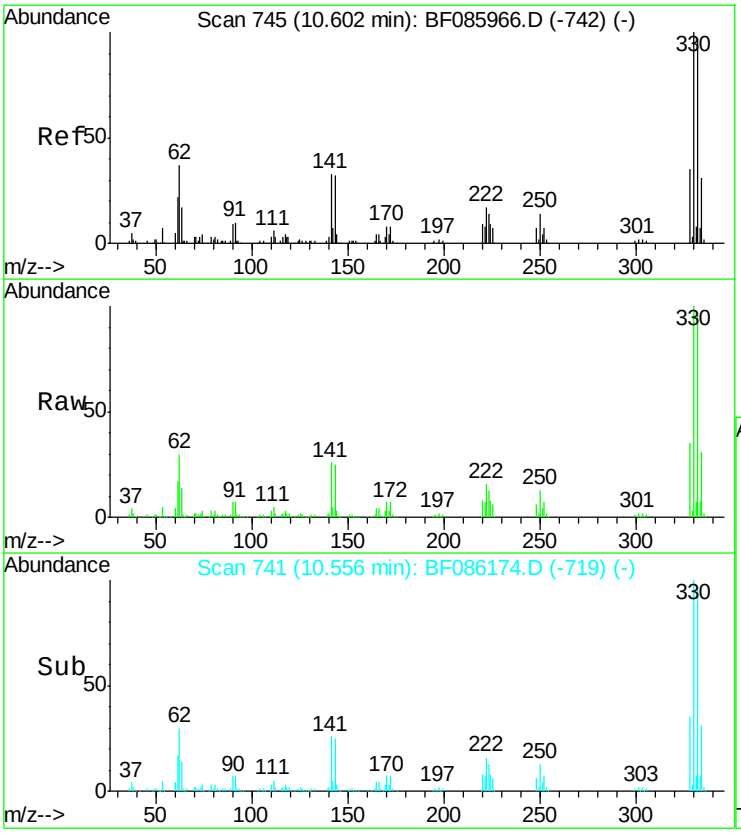
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:164 Resp: 237671

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.1	123.1
160	46.3	37.4	56.2

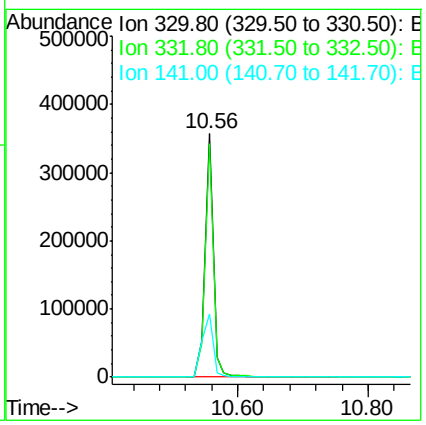


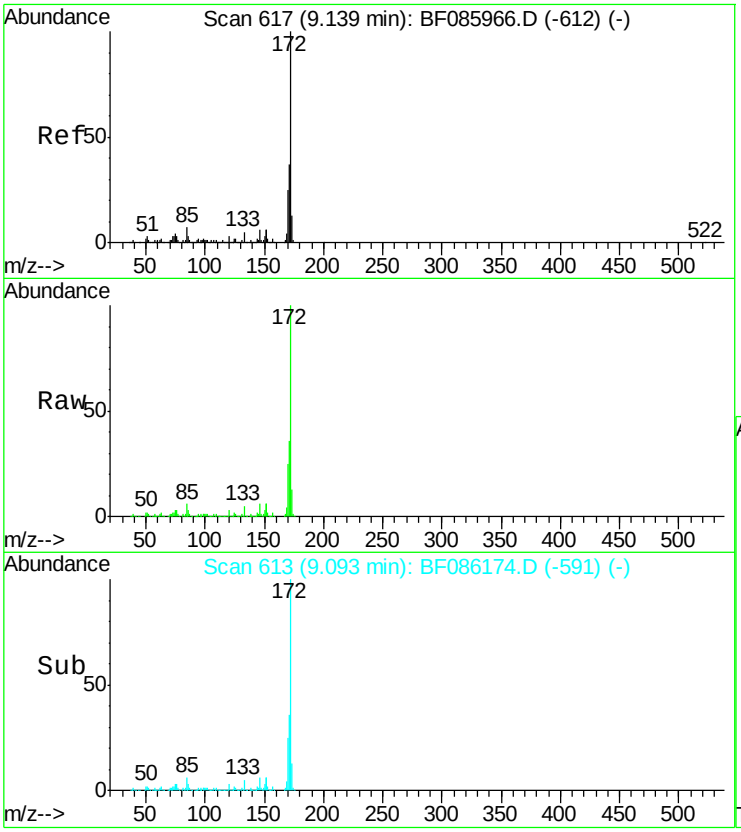


#41
2,4,6-Tribromophenol
Concen: 140.93 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion:330 Resp: 314377

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	34.6	31.5	47.3



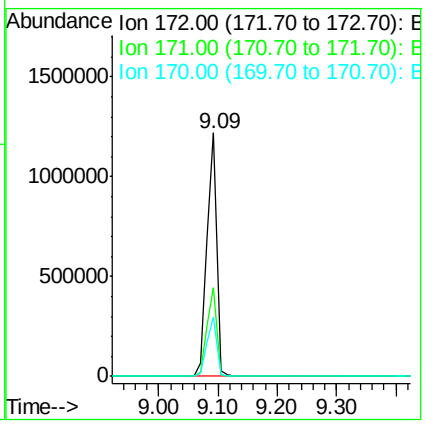


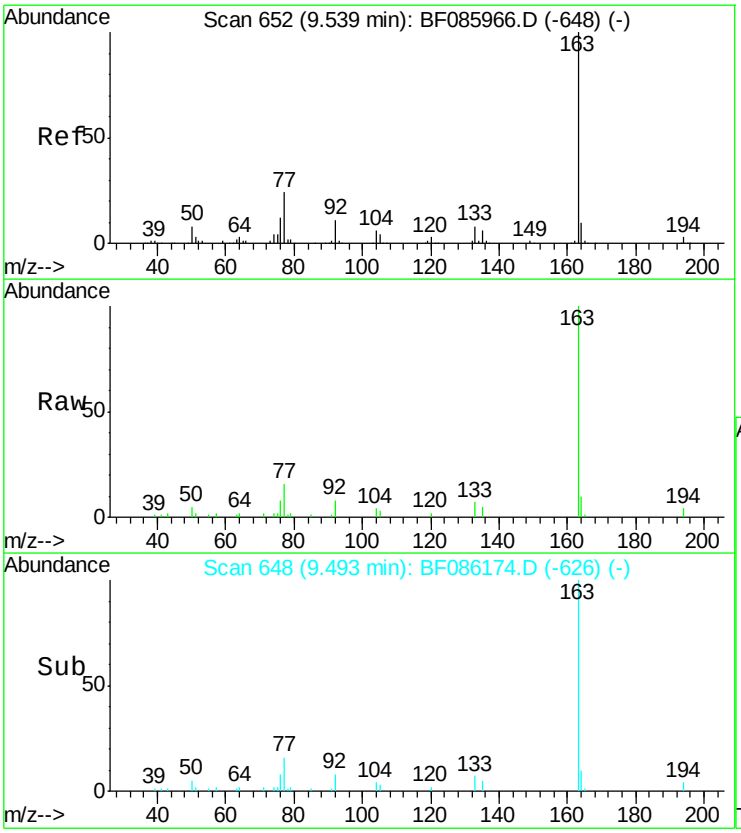
#44
2-Fluorobiphenyl
Concen: 97.10 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:172 Resp: 1387934

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.6	19.8	29.6

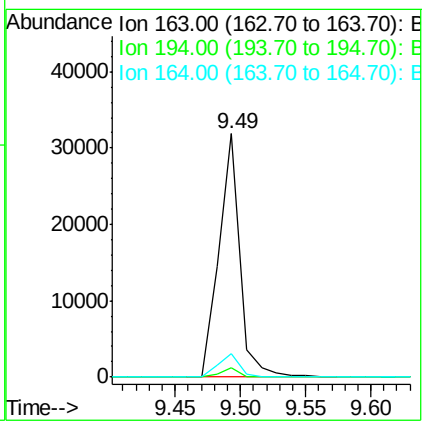


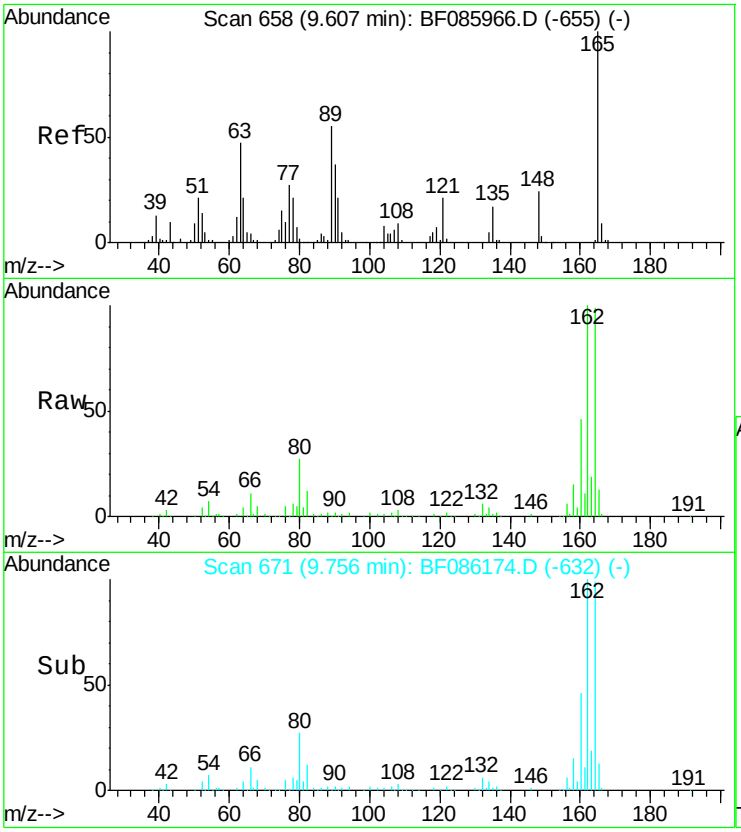


#49
Dimethylphthalate
Concen: 2.03 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion:163 Resp: 35847

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.8	8.3	12.5



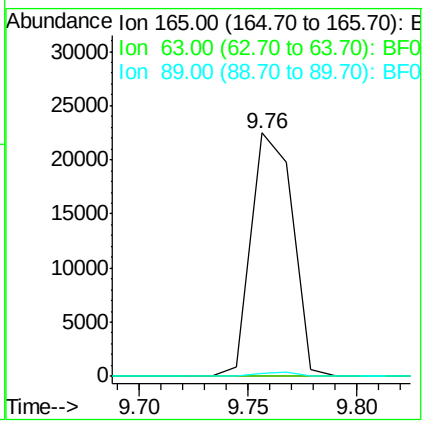


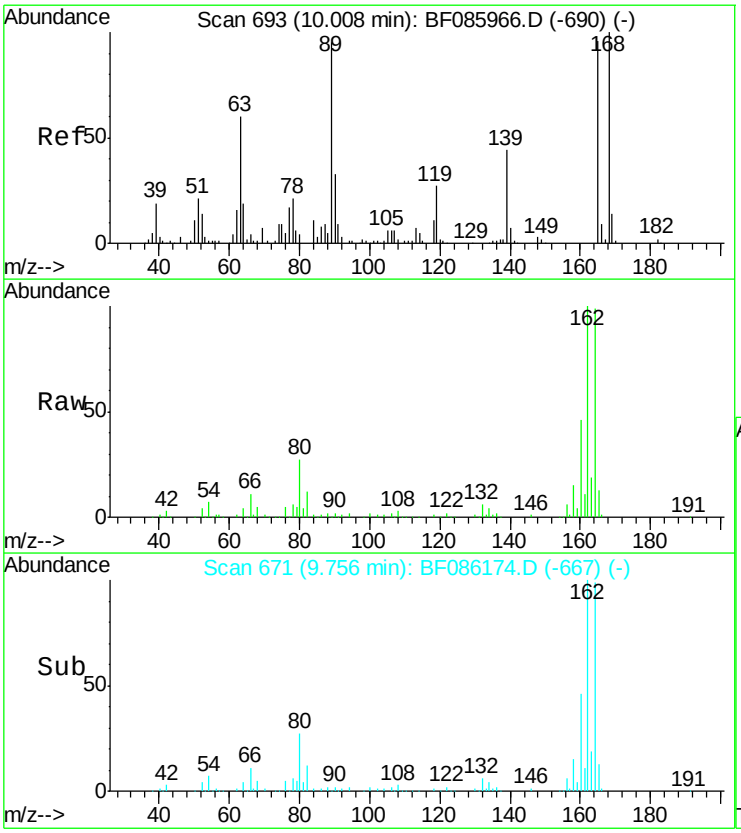
#50
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.15 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:165 Resp: 29952

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	1.5	53.7	80.5#

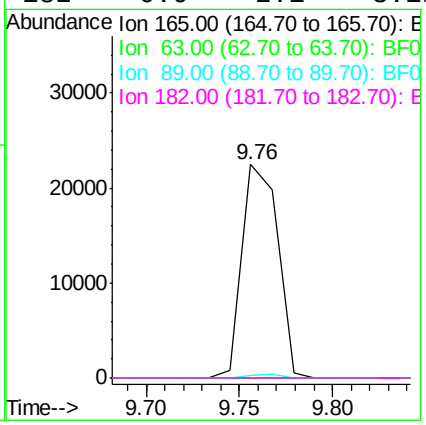


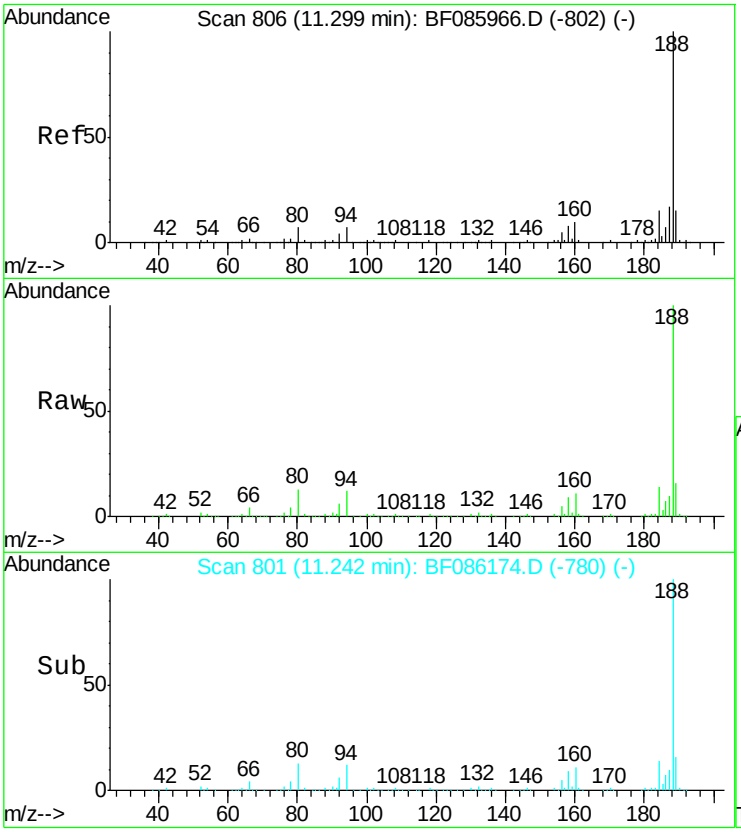


#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.25 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion:165 Resp: 29953

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#



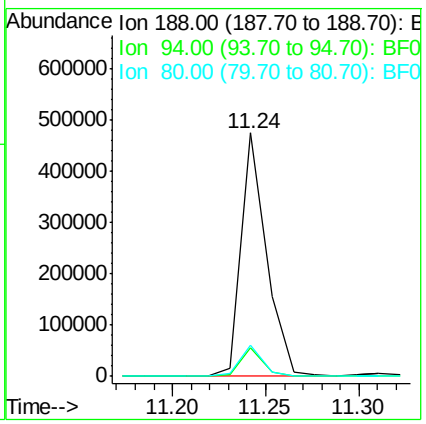


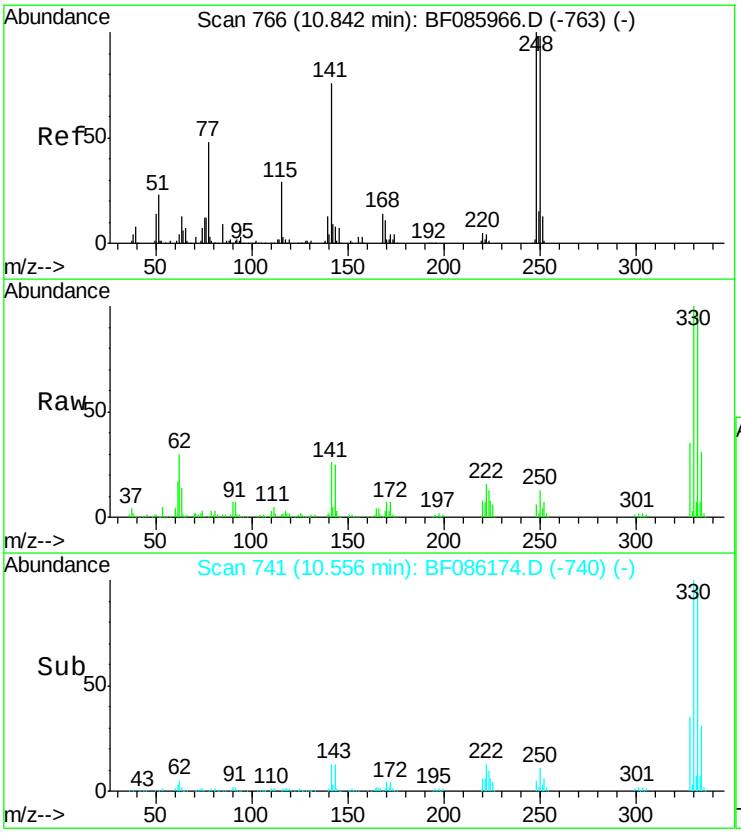
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 454133

Ion	Ratio	Lower	Upper
188	100		
94	11.6	5.4	8.0#
80	12.7	5.5	8.3#

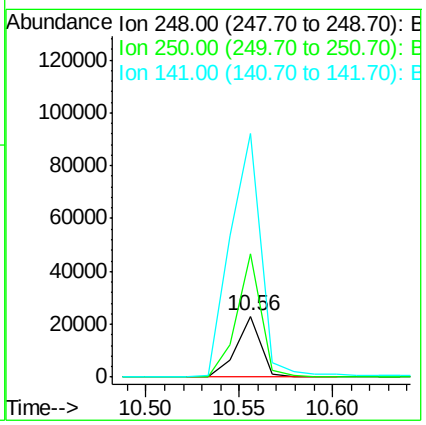


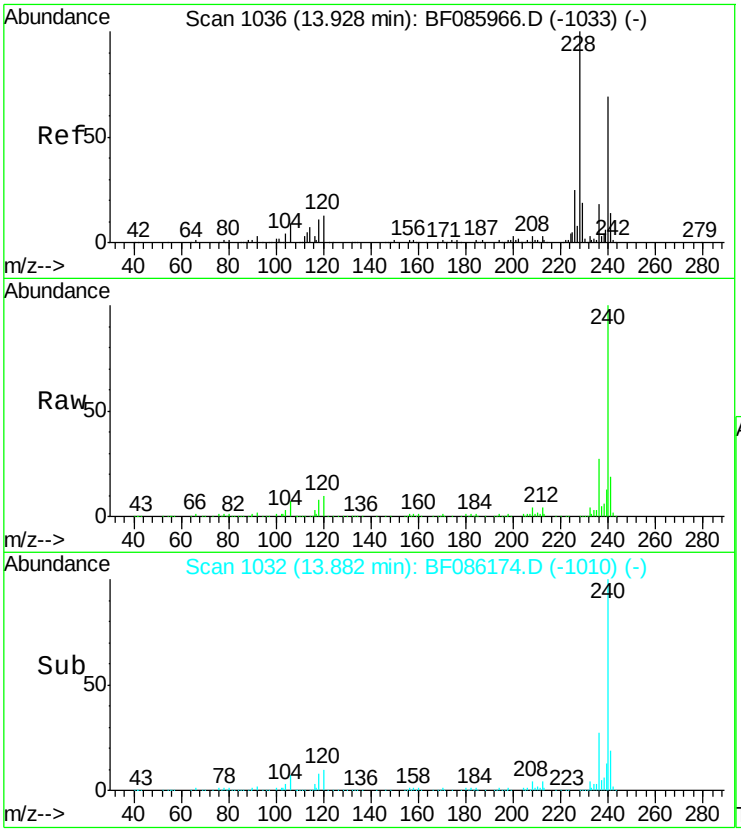


#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.29 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion:248 Resp: 21278

Ion	Ratio	Lower	Upper
248	100		
250	203.8	77.4	116.0#
141	400.7	63.6	95.4#



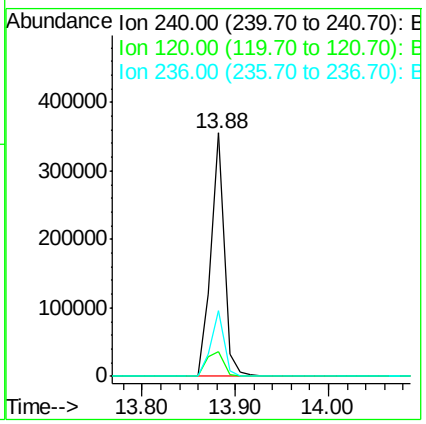


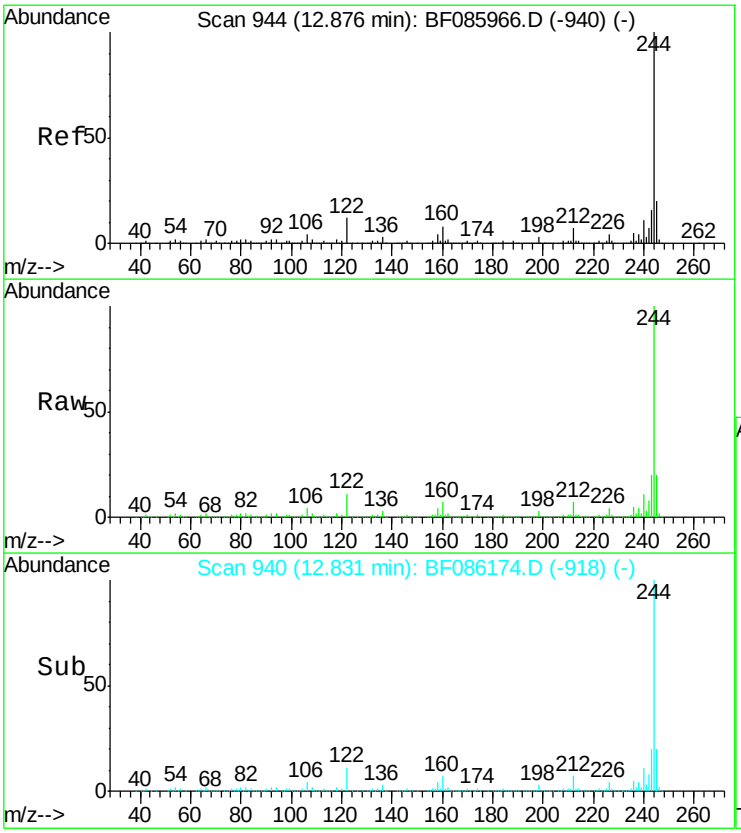
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:240 Resp: 356196

Ion	Ratio	Lower	Upper
240	100		
120	9.9	13.8	20.8#
236	27.1	20.6	30.8

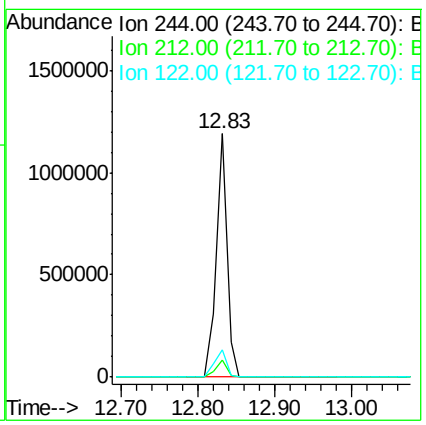


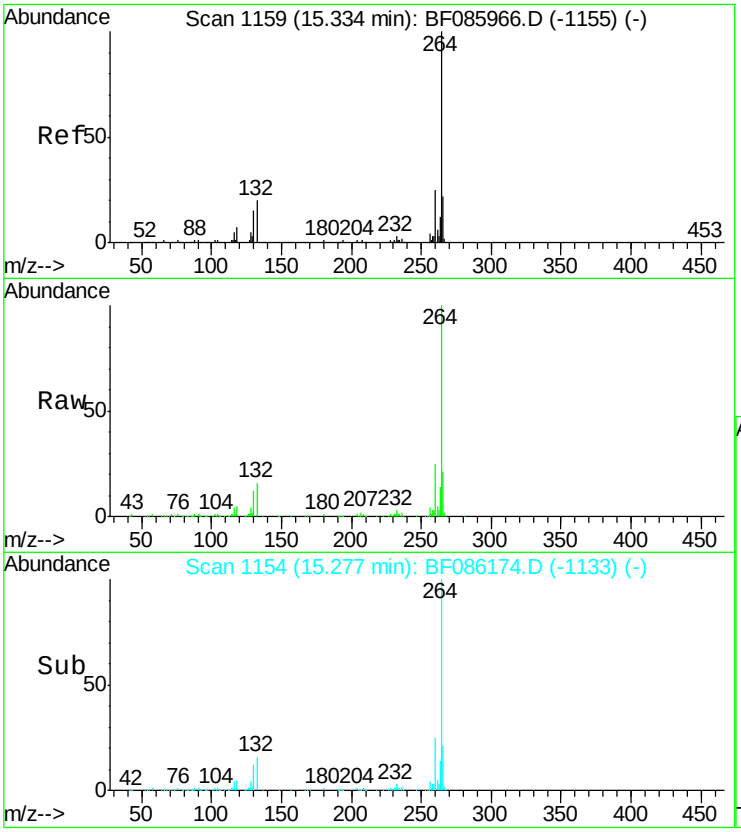


#78
Terphenyl-d14
Concen: 76.32 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Tgt Ion:244 Resp: 1156464

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.2	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086174.D
Acq: 8 Apr 2016 18:03

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:264 Resp: 251229

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.1	17.2	25.8