Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087024.D
Acq On : 14 May 2016 17:11
Operator : UM/SJ
Sample : H2947-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-21

Quant Time: May 16 01:07:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	139613	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	560125	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	268846	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	485495	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	343366	20.00	ng	-0.09
86) Perylene-d12	15.11	264	290922	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	528967	64.16	ng	-0.09
7) Phenol-d6	6.27	99	431931	39.20	ng	-0.09
23) Nitrobenzene-d5	7.19	82	1044538	93.64	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	419237	147.30	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1590128	99.40	ng	-0.08
78) Terphenyl-d14	12.71	244	1463640	90.44	ng	-0.09
Target Compounds						Qvalue
15) Benzyl Alcohol	6.76	79	18122	2.38	ng	# 45
19) n-Nitroso-di-n-propylamine	7.19	70	156653	20.34	ng	# 71
25) Isophorone	7.19	82	1014733	49.03	ng	# 68
49) Dimethylphthalate	9.38	163	92520	4.51	ng	100
53) 2,4-Dinitrophenol	9.80	184	1797	8.43	ng	# 46
55) 4-Nitrophenol	9.77	139	425	4.69	ng	# 1
60) 4-Chlorophenyl-phenylether	10.18	204	230	Below Cal		# 1
61) 4-Nitroaniline	10.25	138	9487	2.17	ng	# 43
66) 4-Bromophenyl-phenylether	10.44	248	24972	5.07	ng	# 1
76) Benzidine	12.71	184	22510	2.57	ng	97

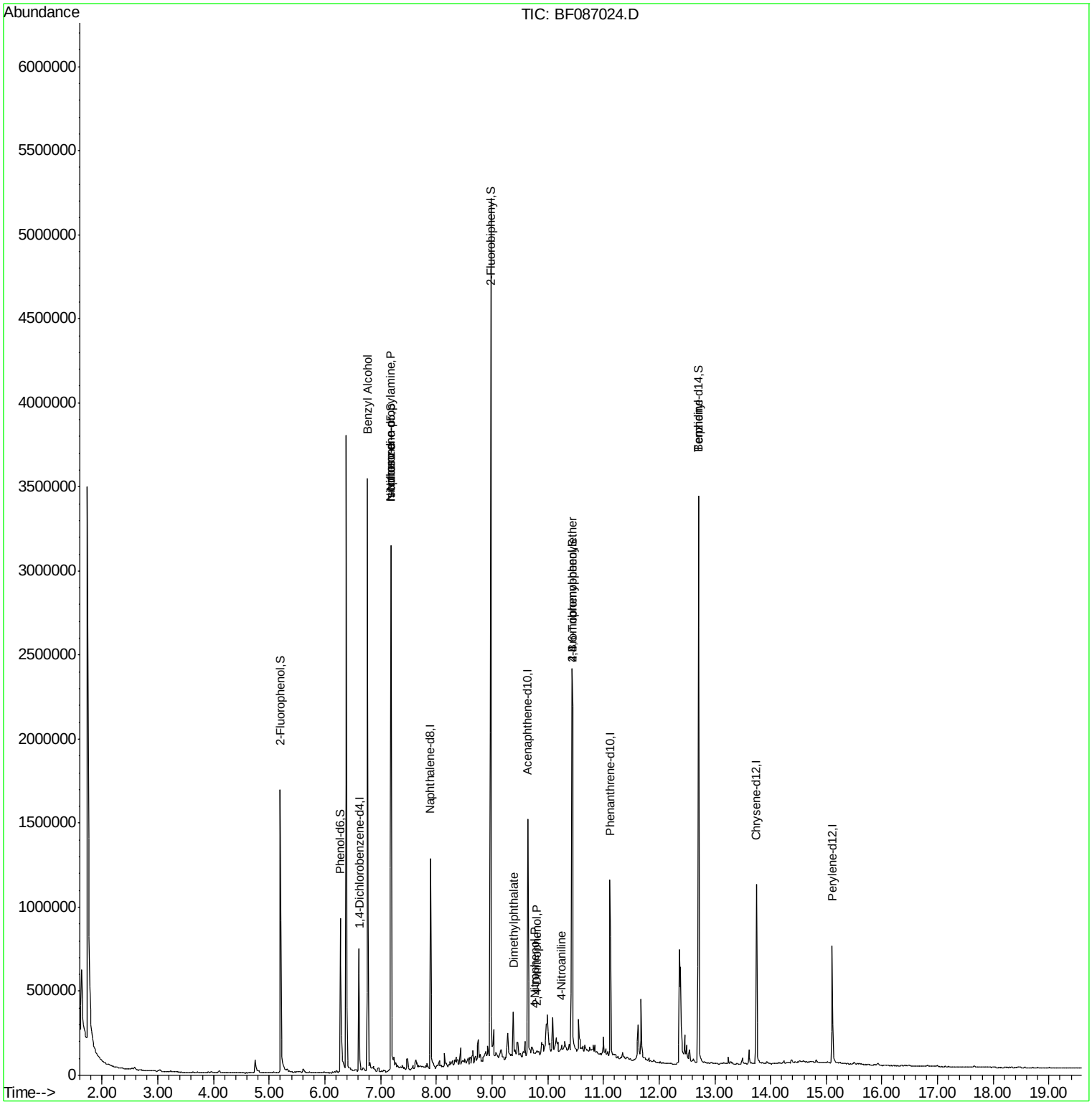
(#) = qualifier out of range (m) = manual integration (+) = signals summed

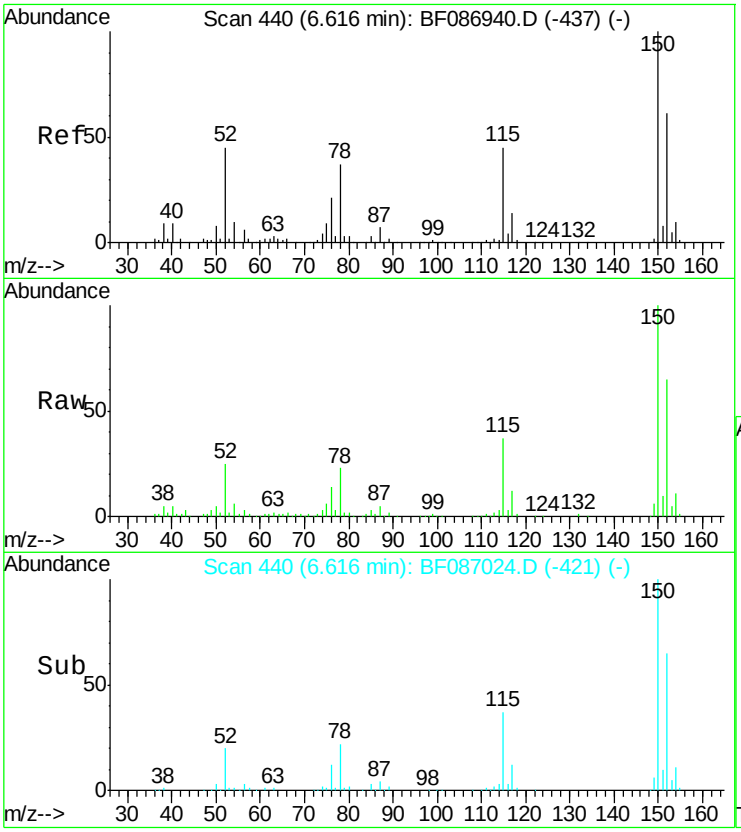
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087024.D
Acq On : 14 May 2016 17:11
Operator : UM/SJ
Sample : H2947-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-21

Quant Time: May 16 01:07:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration



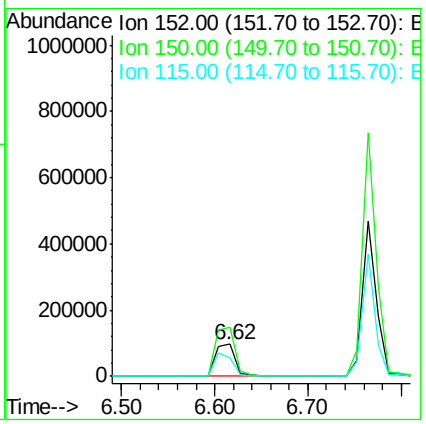


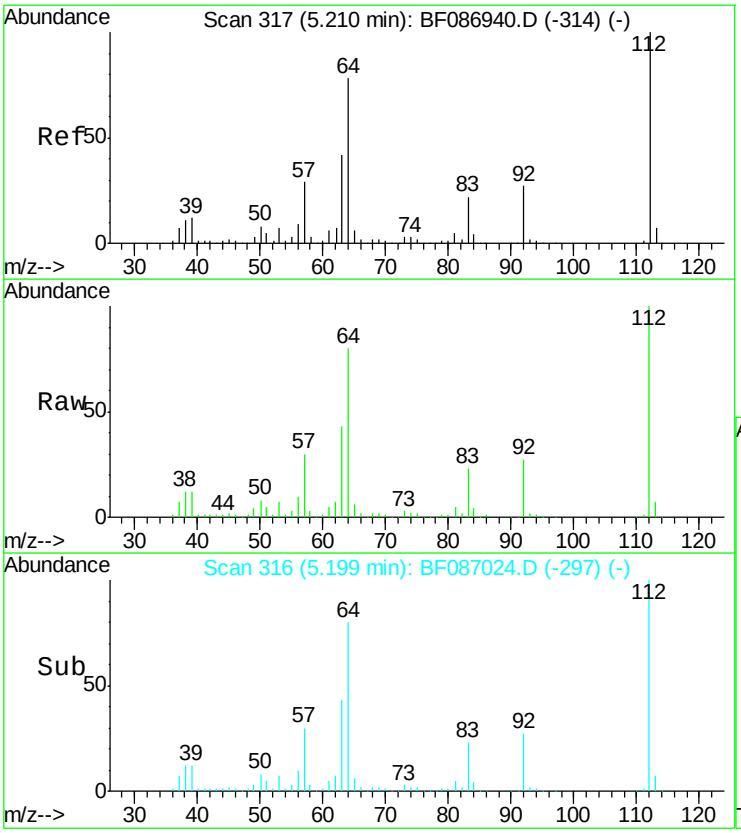
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion:152 Resp: 139613

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.8	188.6
115	57.2	51.5	77.3

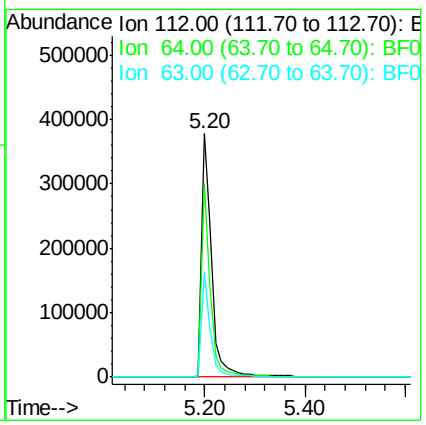


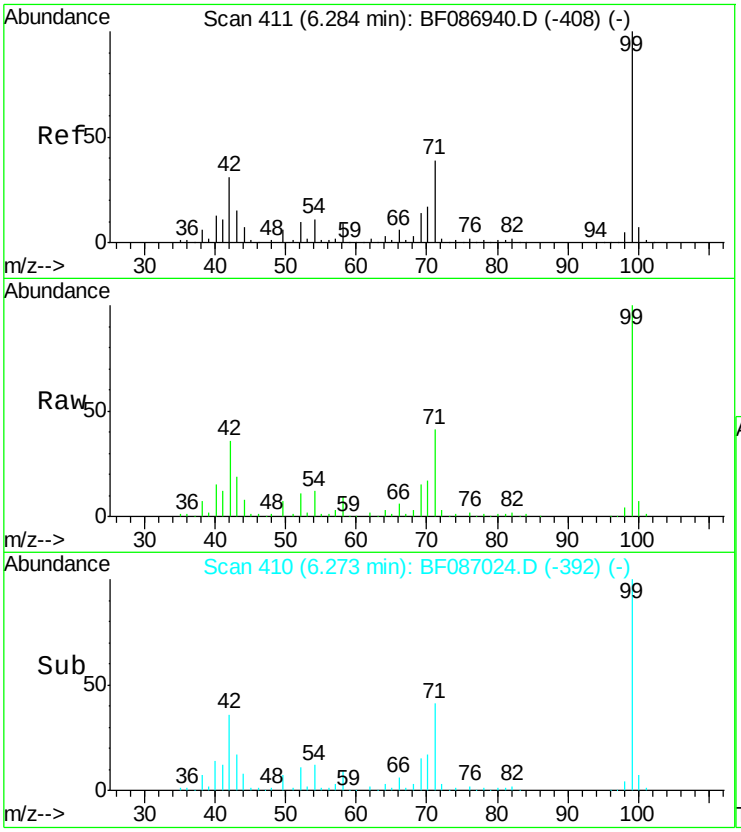


#5
2-Fluorophenol
Concen: 64.16 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion:112 Resp: 528967

Ion	Ratio	Lower	Upper
112	100		
64	79.5	52.1	78.1#
63	43.4	25.7	38.5#



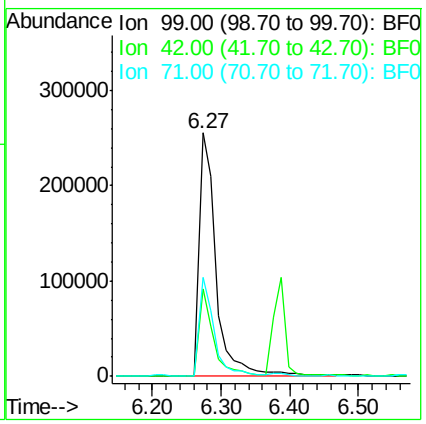


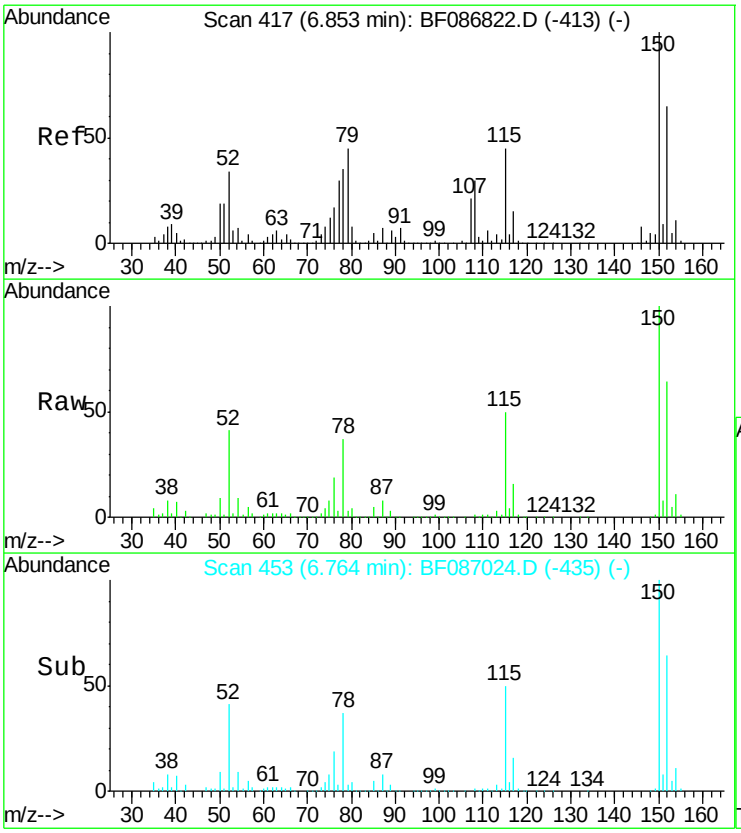
#7
Phenol-d6
Concen: 39.20 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.09 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion: 99 Resp: 431931

Ion	Ratio	Lower	Upper
99	100		
42	35.9	13.6	20.4#
71	40.7	24.6	36.8#

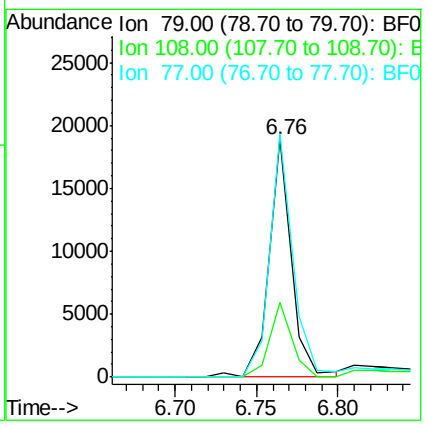


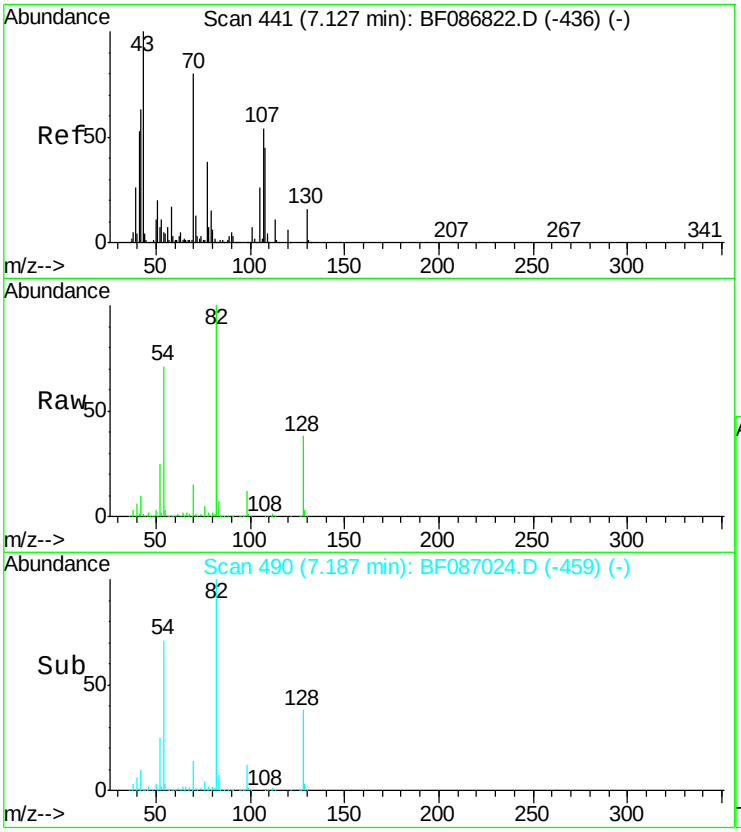


#15
Benzyl Alcohol
Concen: 2.38 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.09 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion: 79 Resp: 18122

Ion	Ratio	Lower	Upper
79	100		
108	31.3	68.4	102.6#
77	102.2	50.6	76.0#



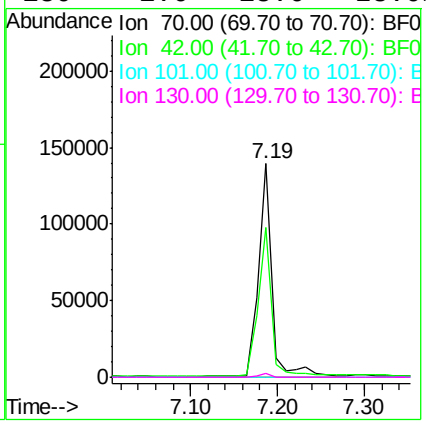


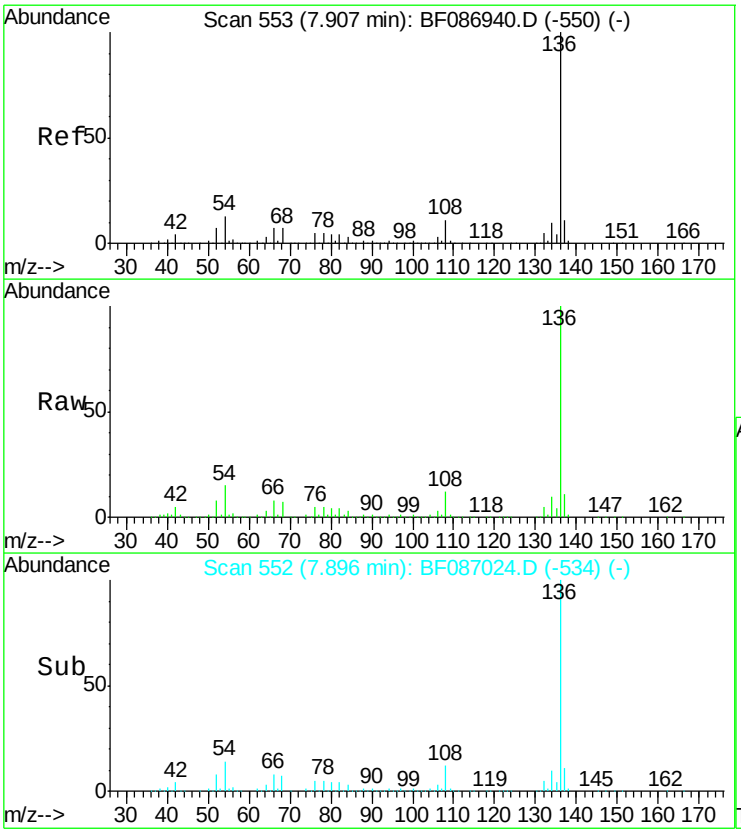
#19
n-Nitroso-di-n-propylamine
Concen: 20.34 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion: 70 Resp: 156653

Ion	Ratio	Lower	Upper
70	100		
42	70.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#

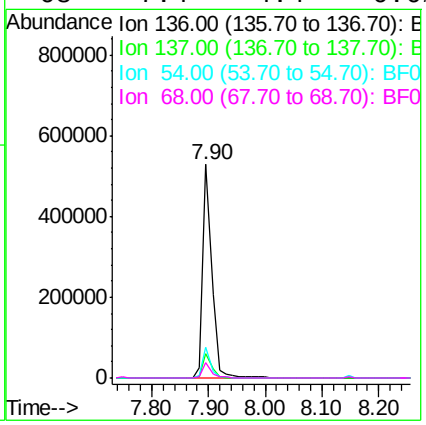


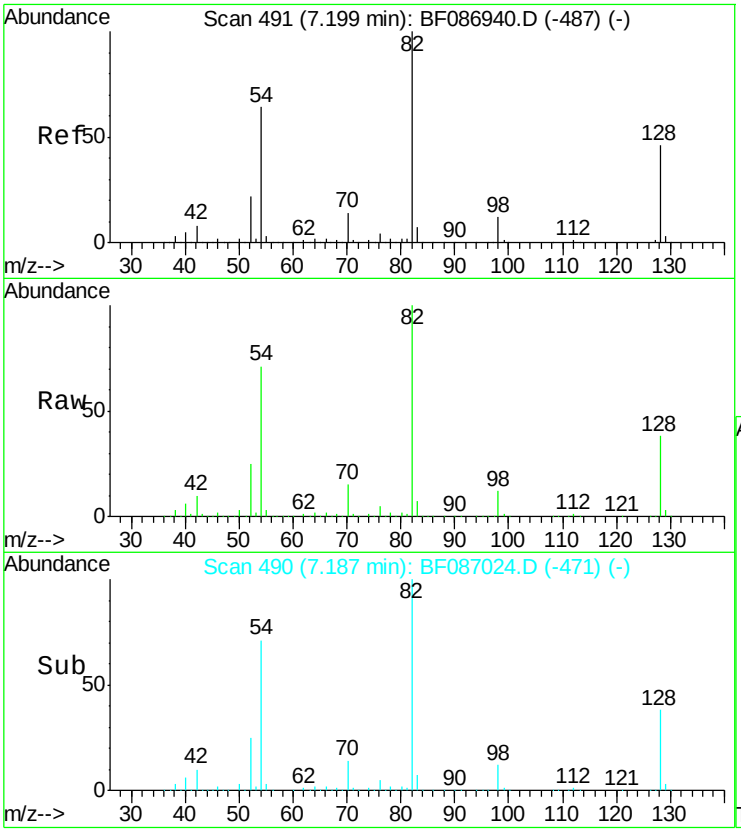


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion:136 Resp: 560125

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.5	5.0	7.4#
68	7.4	4.4	6.6#



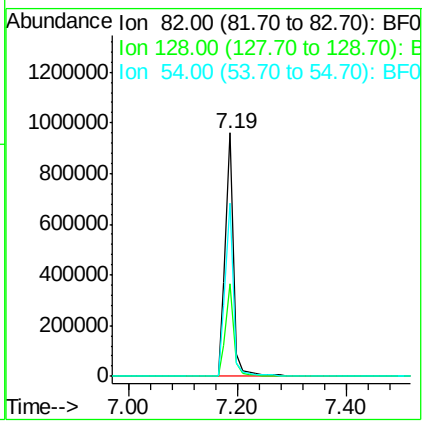


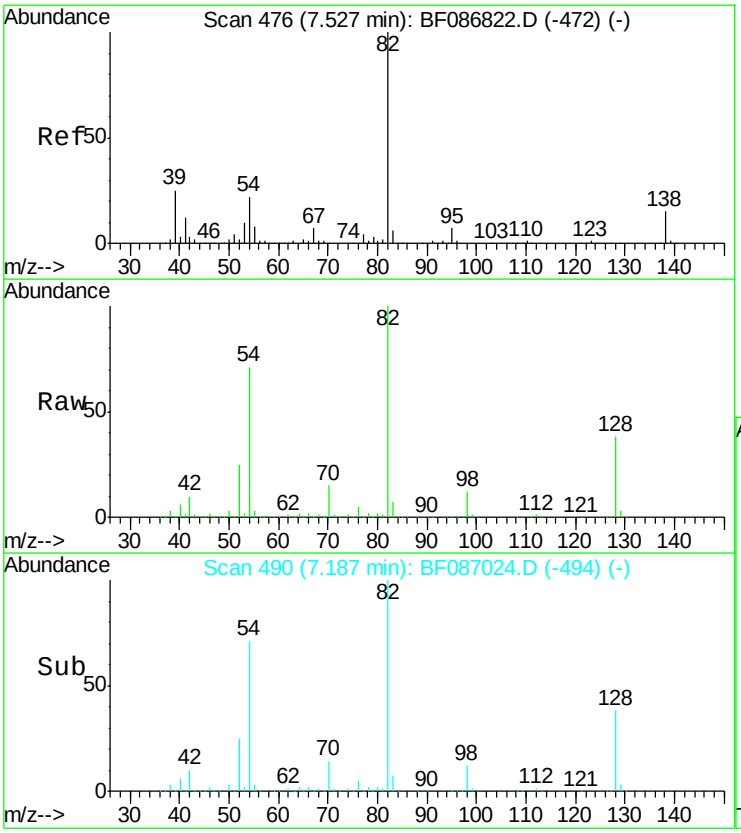
#23
Nitrobenzene-d5
Concen: 93.64 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion: 82 Resp: 1044538

Ion	Ratio	Lower	Upper
82	100		
128	38.1	40.6	61.0#
54	71.3	38.1	57.1#

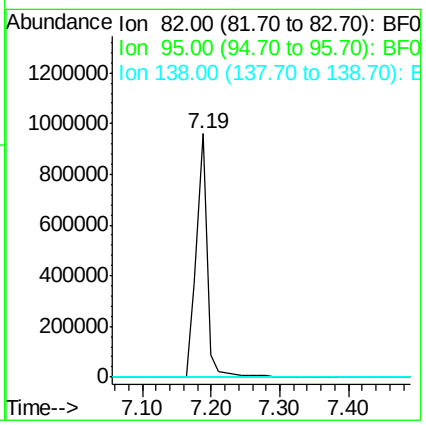


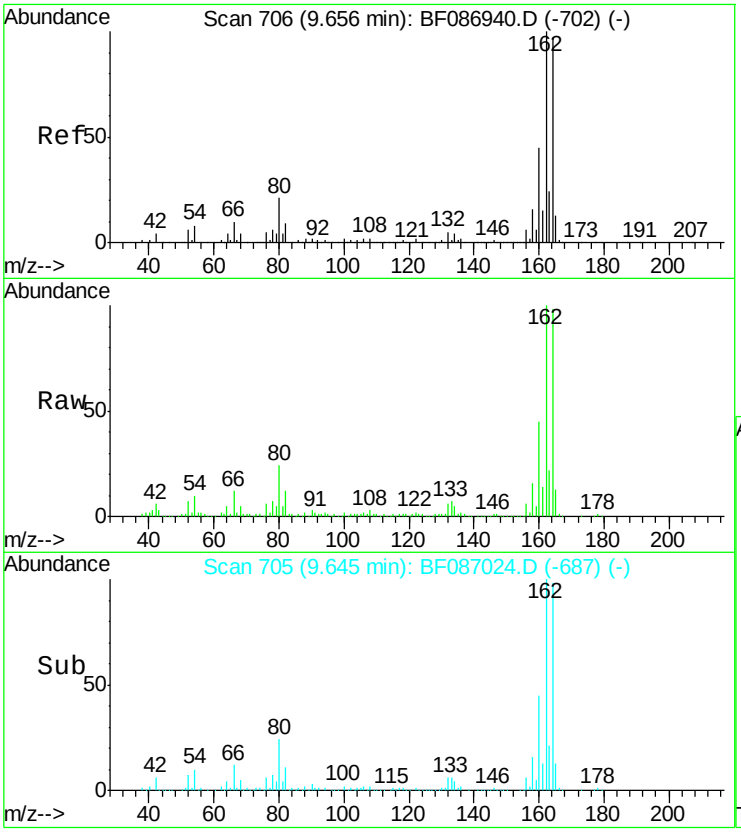


#25
Isophorone
Concen: 49.03 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion: 82 Resp: 1014733

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#



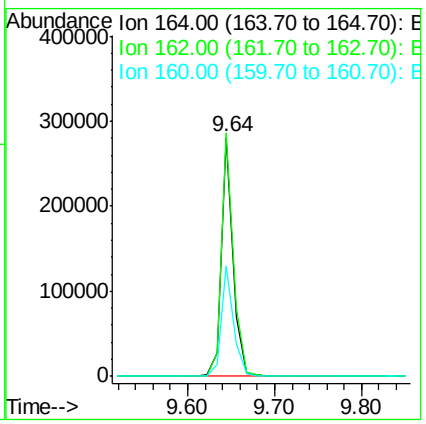


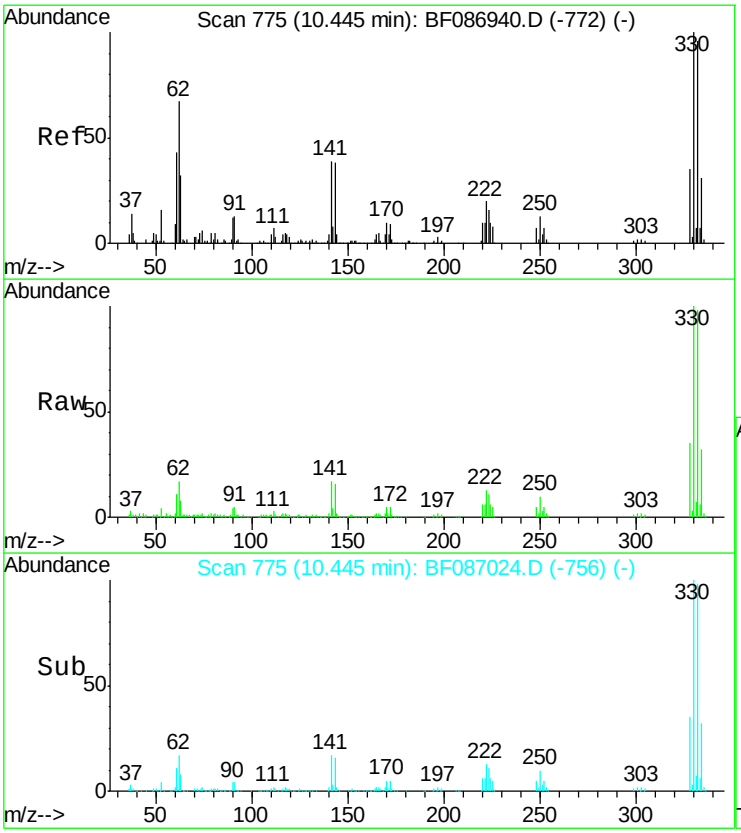
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion:164 Resp: 268846

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	46.1	36.9	55.3

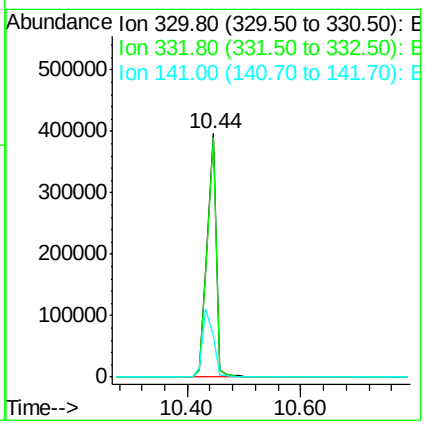


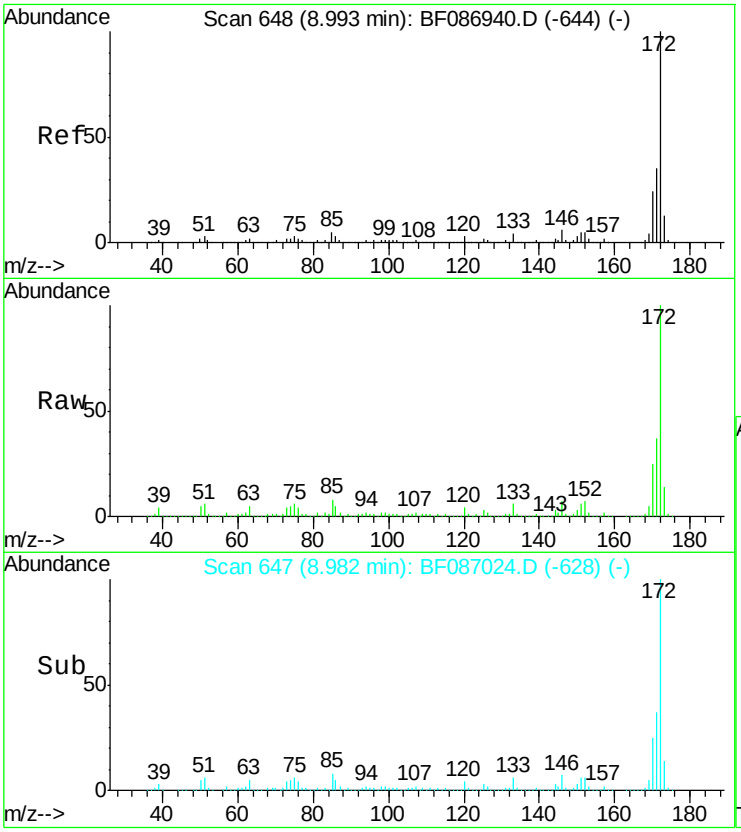


#41
2,4,6-Tribromophenol
Concen: 147.30 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion:330 Resp: 419237

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.4
141	33.1	31.2	46.8



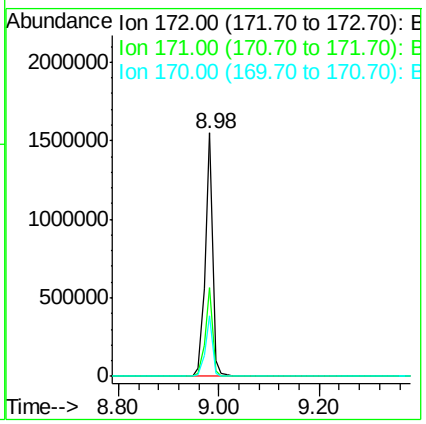


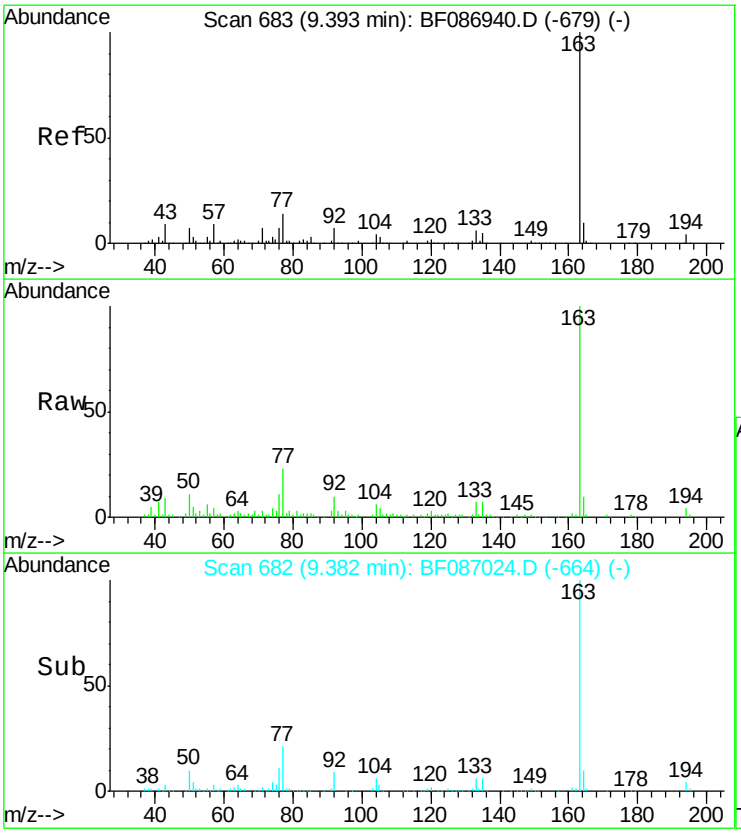
#44
2-Fluorobiphenyl
Concen: 99.40 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion:172 Resp: 1590128

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	25.0	19.8	29.8

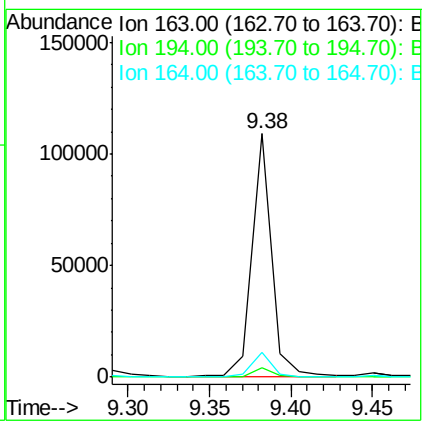


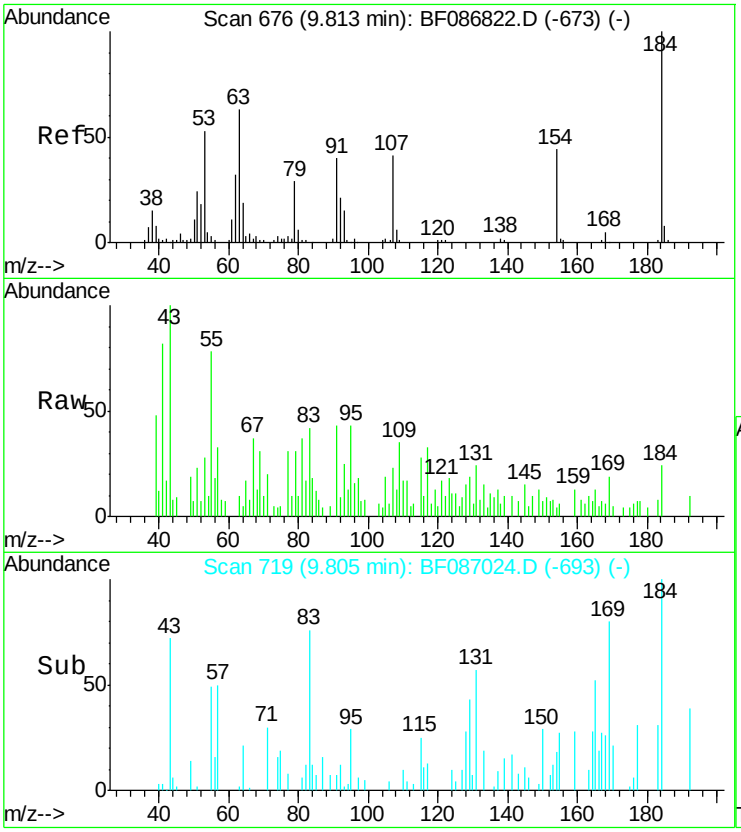


#49
Dimethylphthalate
Concen: 4.51 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion:163 Resp: 92520

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.3	8.2	12.4



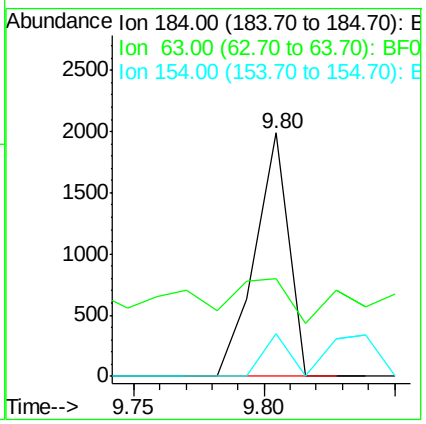


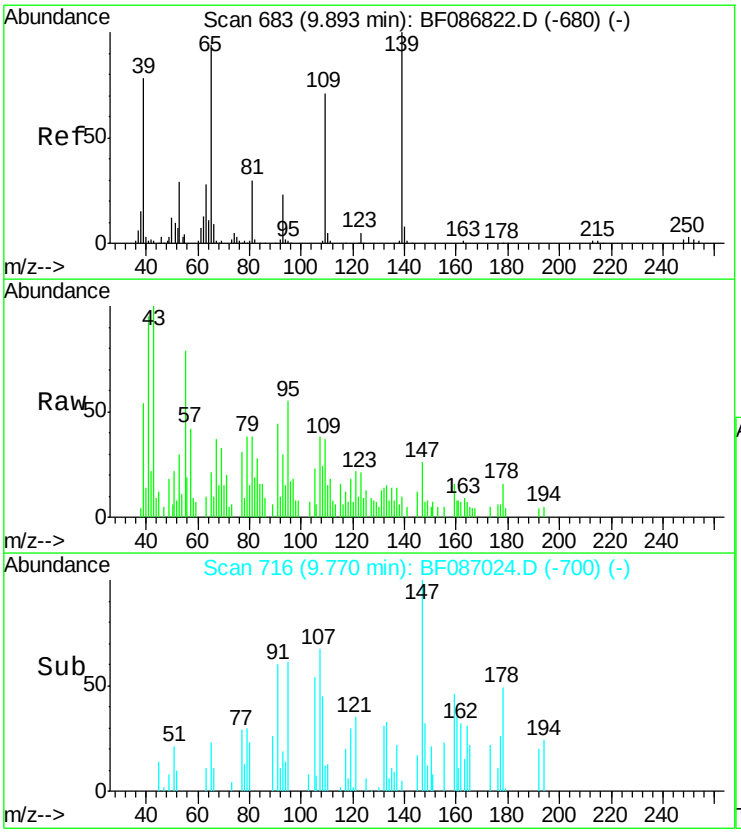
#53
2,4-Dinitrophenol
Concen: 8.43 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion:184 Resp: 1797

Ion	Ratio	Lower	Upper
184	100		
63	40.1	55.8	83.8#
154	17.7	62.4	93.6#

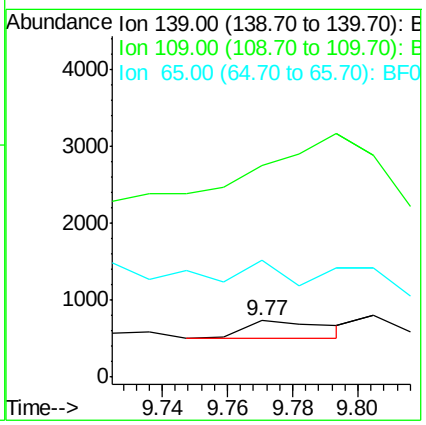


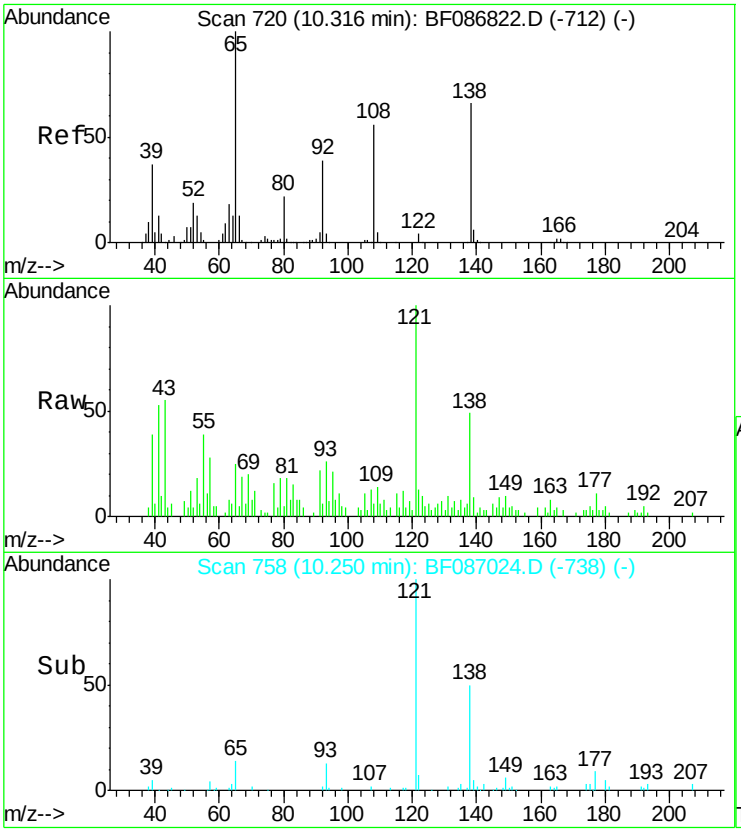


#55
4-Nitrophenol
Concen: 4.69 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.12 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion:139 Resp: 425

Ion	Ratio	Lower	Upper
139	100		
109	374.6	36.9	76.9#
65	207.2	64.0	104.0#



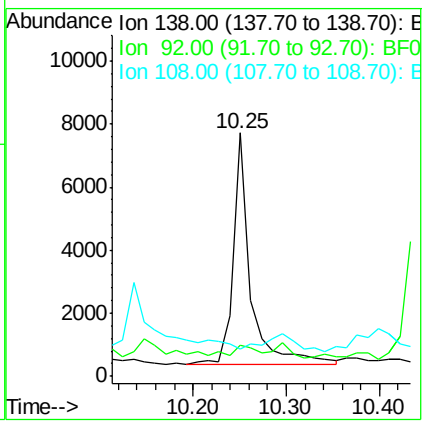


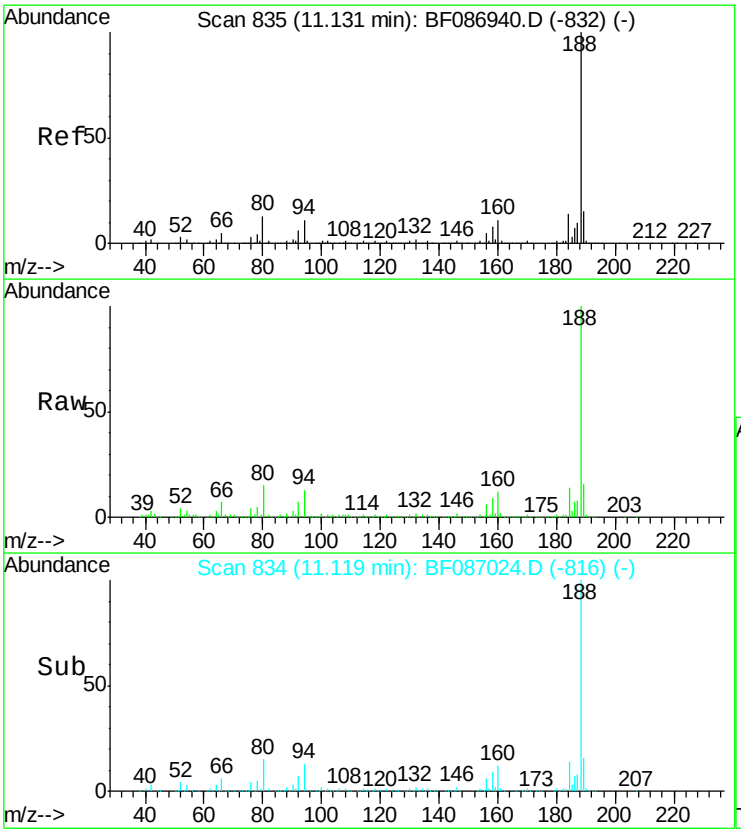
#61
4-Nitroaniline
Concen: 2.17 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.07 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion:138 Resp: 9487

Ion	Ratio	Lower	Upper
138	100		
92	12.6	24.7	64.7#
108	11.2	37.4	77.4#

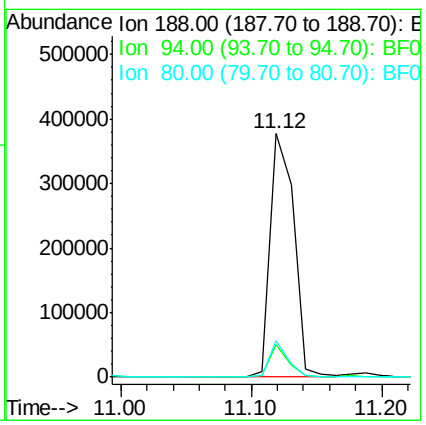


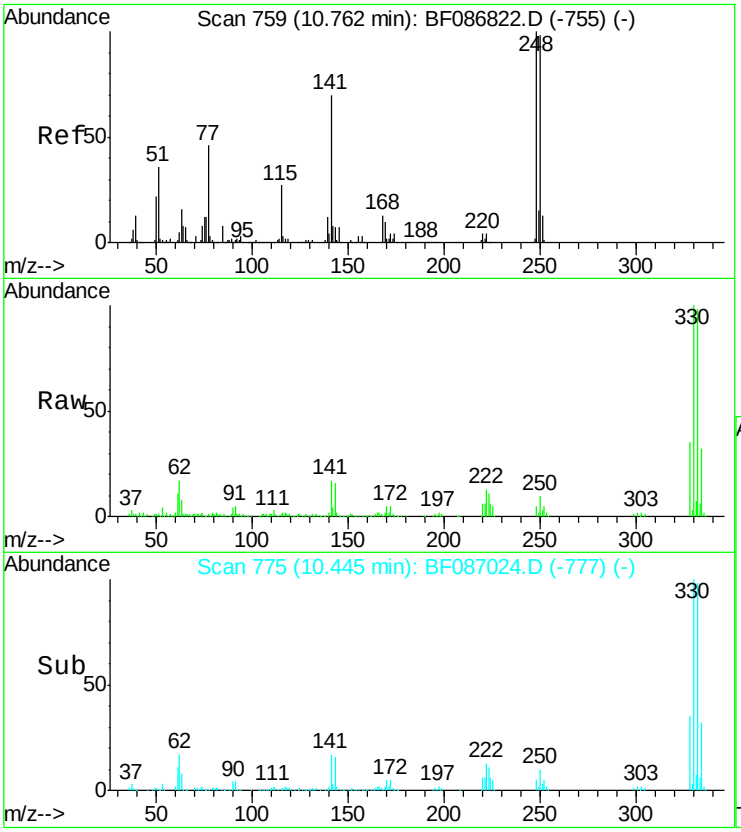


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion:188 Resp: 485495

Ion	Ratio	Lower	Upper
188	100		
94	13.4	6.8	10.2#
80	15.0	7.1	10.7#



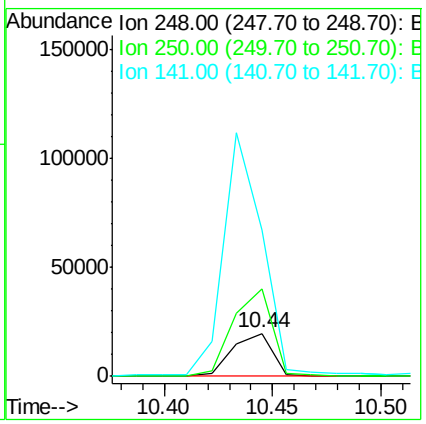


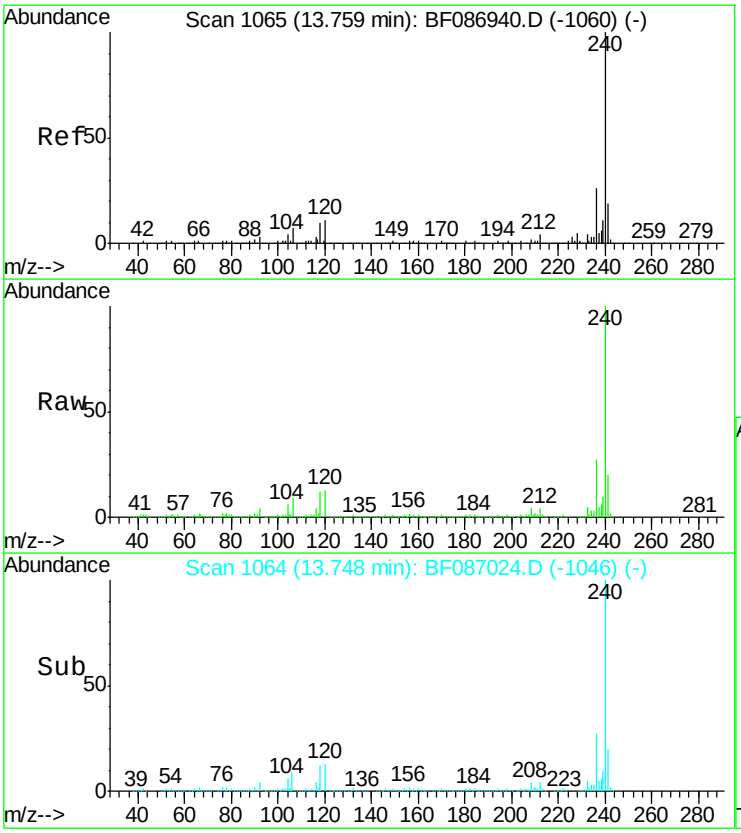
#66
4-Bromophenyl-phenylether
Concen: 5.07 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion:248 Resp: 24972

Ion	Ratio	Lower	Upper
248	100		
250	204.2	78.6	117.8#
141	343.3	76.0	114.0#

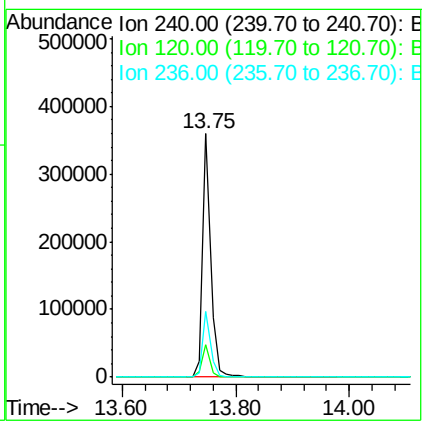


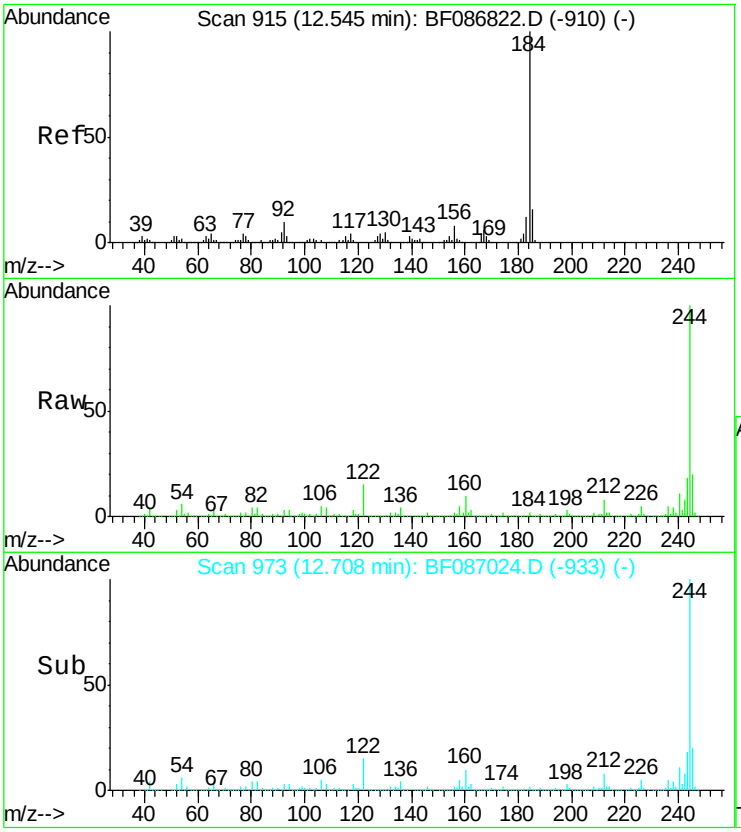


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion:240 Resp: 343366

Ion	Ratio	Lower	Upper
240	100		
120	13.1	11.2	16.8
236	26.9	21.2	31.8



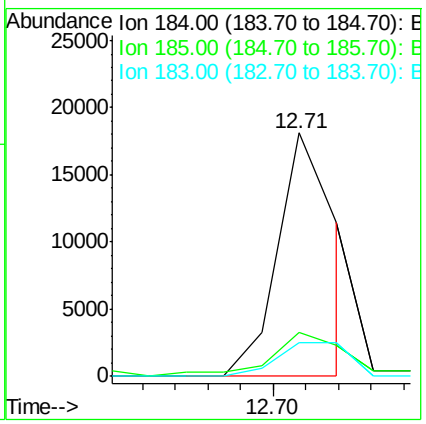


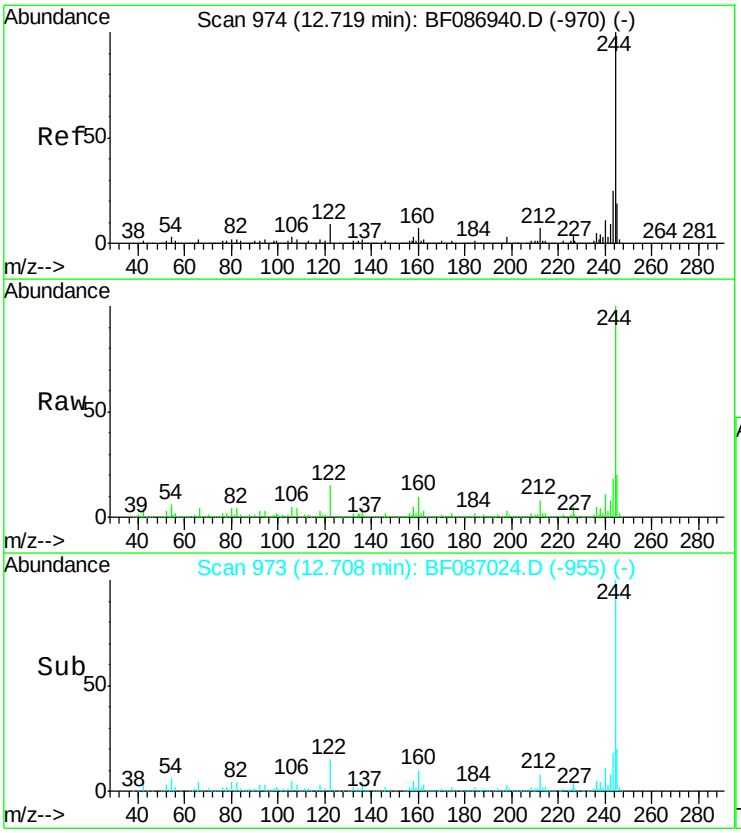
#76
Benzidine
Concen: 2.57 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.16 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion:184 Resp: 22510

Ion	Ratio	Lower	Upper
184	100		
185	17.9	13.6	20.4
183	14.0	9.8	14.6

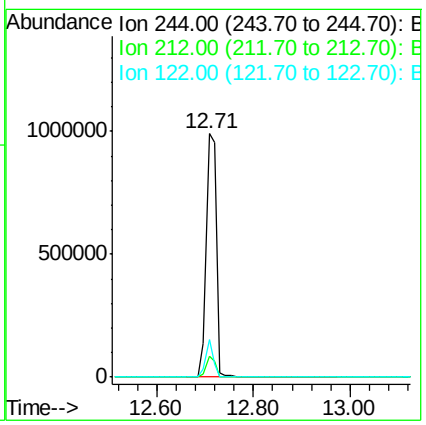


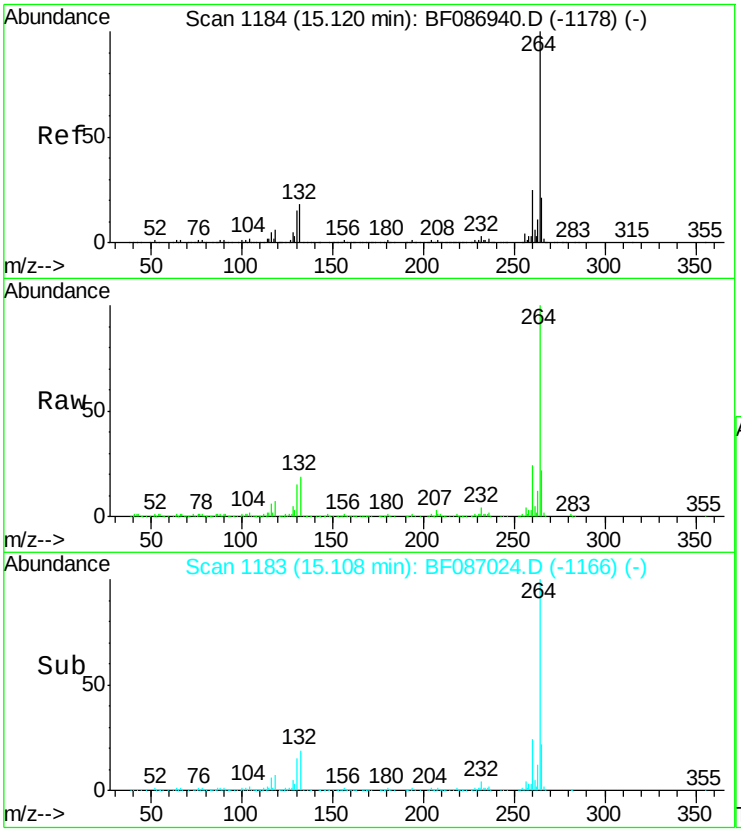


#78
Terphenyl-d14
Concen: 90.44 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Tgt Ion:244 Resp: 1463640

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	15.3	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087024.D
Acq: 14 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion:264 Resp: 290922

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	17.3	25.9