Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
Data File : BF086779.D
Acq On : 7 May 2016 17:39
Operator : UM/SJ
Sample : PB90336BL
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90240BL

Quant Time: May 08 00:16:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 23:59:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169392	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	685702	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	331224	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	624412	40.00	ng	0.00
75) Chrysene-d12	13.85	240	377727	40.00	ng	0.00
86) Perylene-d12	15.22	264	308189	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1235630	120.76	ng	0.01
7) Phenol-d6	6.36	99	1501133	108.91	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1185858	88.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	458179	141.41	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1924902	95.26	ng	0.00
78) Terphenyl-d14	12.81	244	1602587	85.75	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.85	79	18793	2.11	ng	# 43
19) n-Nitroso-di-n-propylamine	7.28	70	164746	17.49	ng	# 75
32) Benzoic acid	7.69	122	1535	8.72	ng	# 20
50) 2,6-Dinitrotoluene	9.73	165	42102	7.95	ng	# 21
56) 2,4-Dinitrotoluene	9.73	165	42104	6.41	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.52	198	913	5.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	26148	4.21	ng	# 1
76) Benzidine	12.80	184	23926	9.06	ng	97

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

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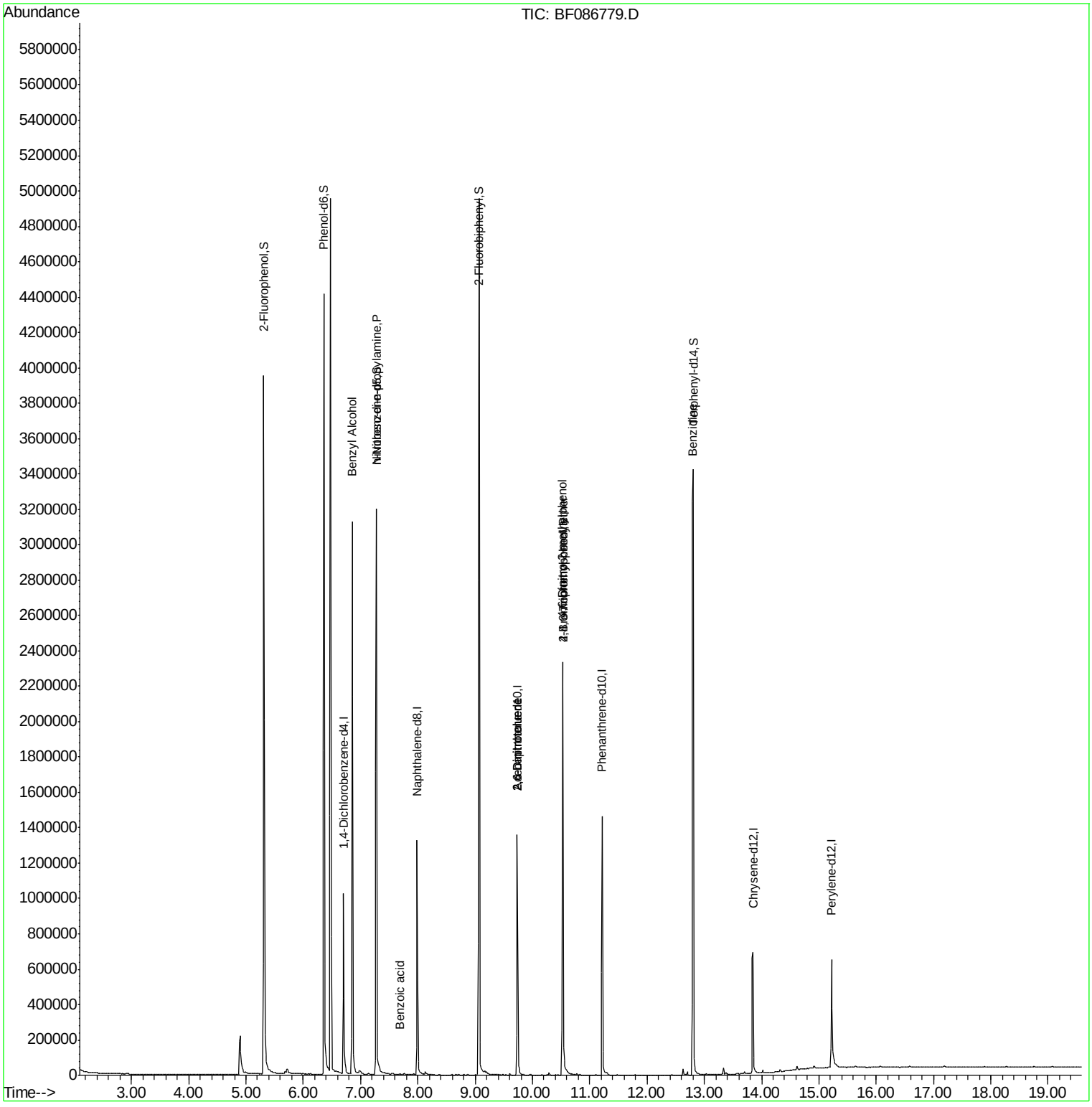
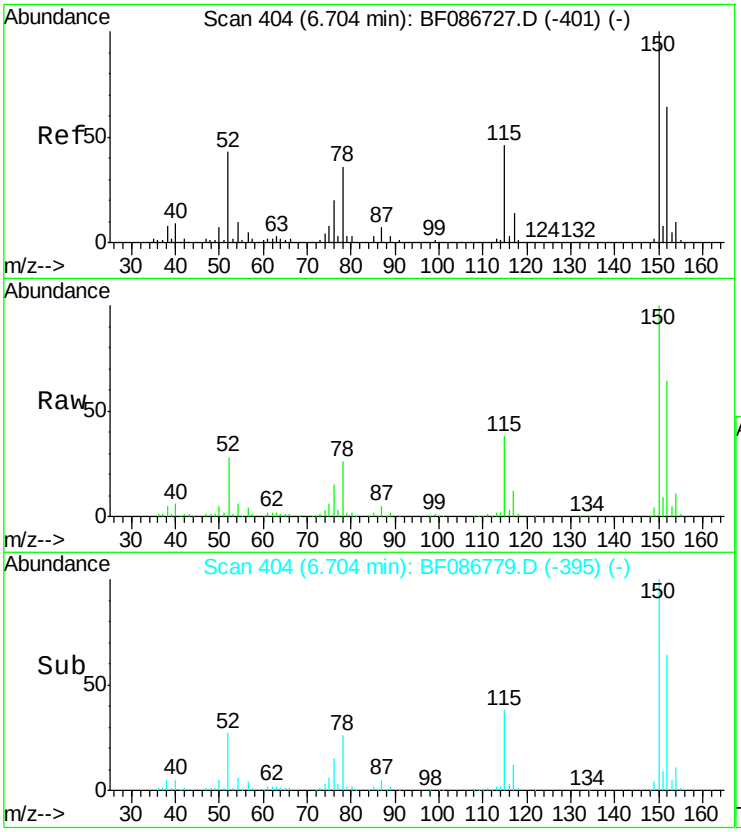


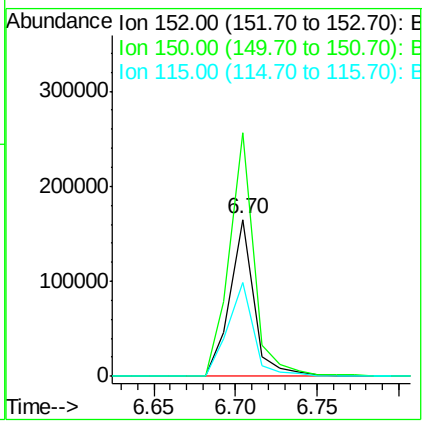


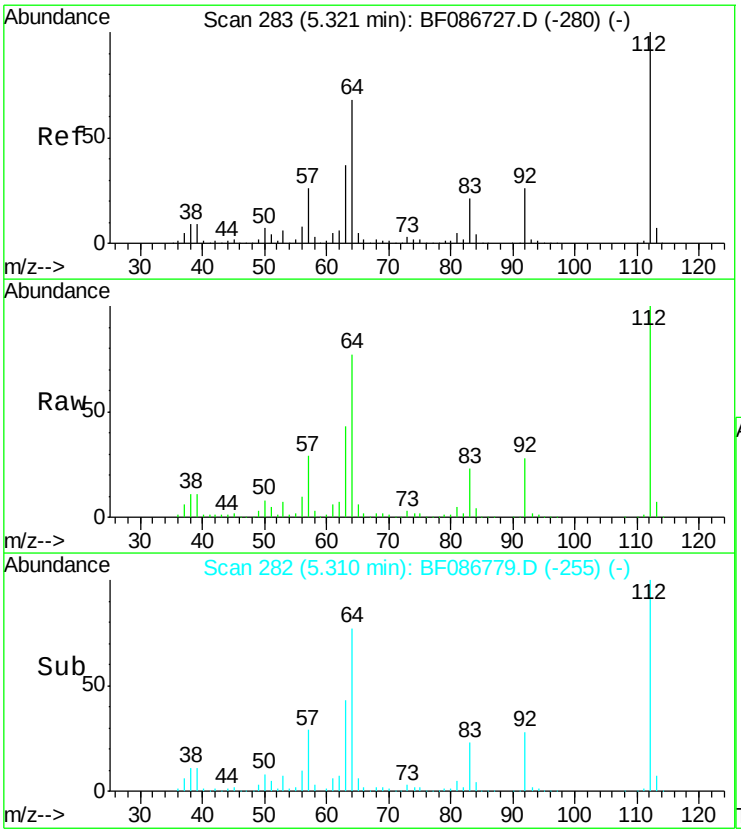
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion:152 Resp: 169392

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.8	188.6
115	59.8	51.5	77.3

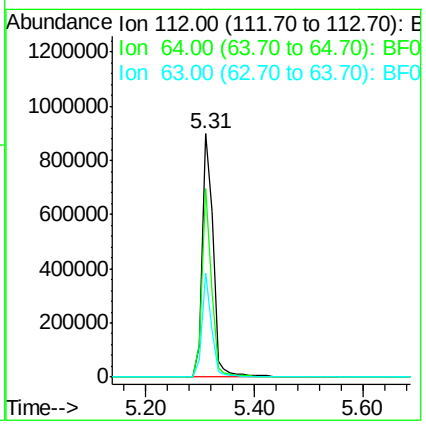


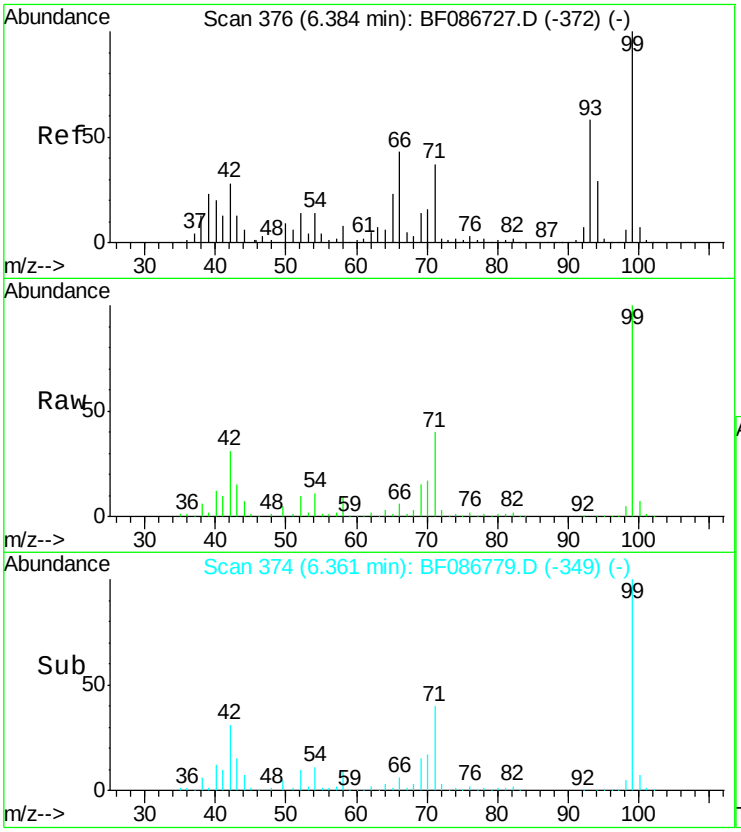


#5
2-Fluorophenol
Concen: 120.76 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:112 Resp: 1235630

Ion	Ratio	Lower	Upper
112	100		
64	77.3	52.1	78.1
63	42.5	25.7	38.5#



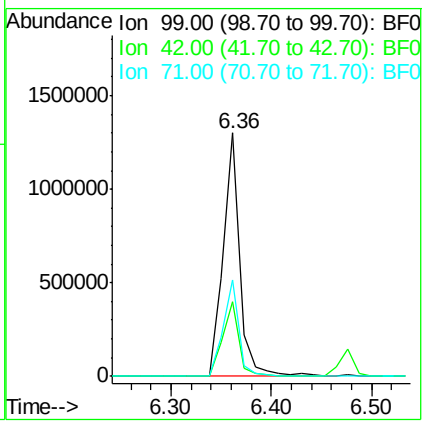


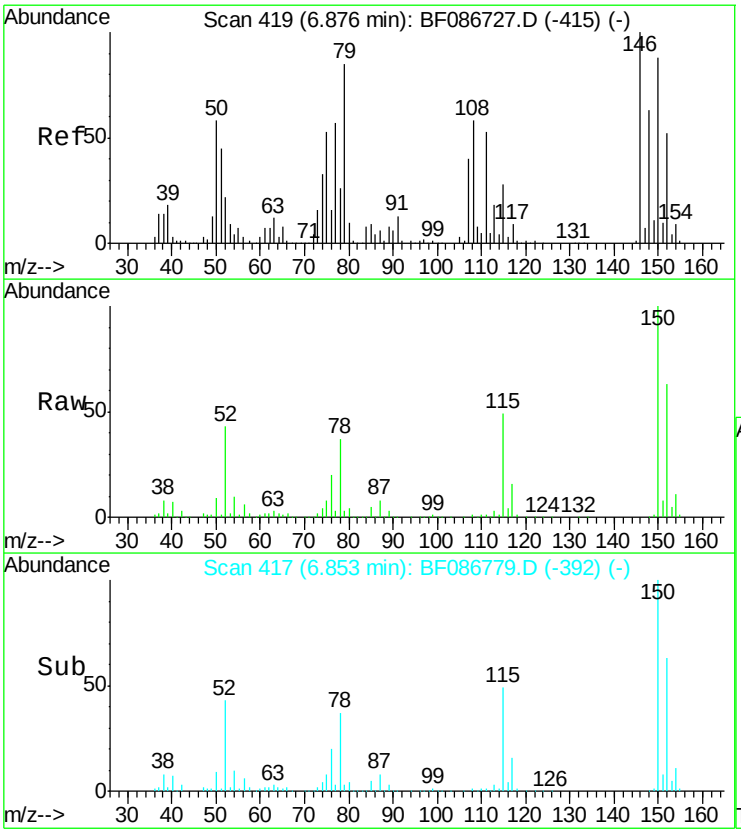
#7
Phenol-d6
Concen: 108.91 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion: 99 Resp: 1501133

Ion	Ratio	Lower	Upper
99	100		
42	30.5	13.6	20.4#
71	39.6	24.6	36.8#

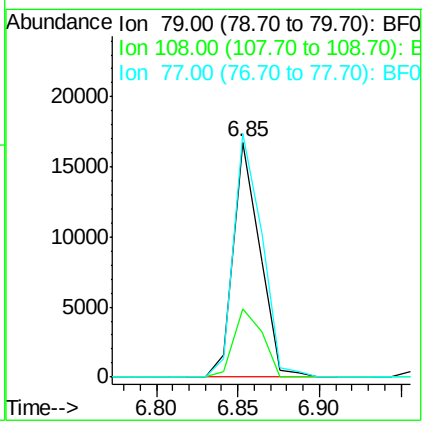


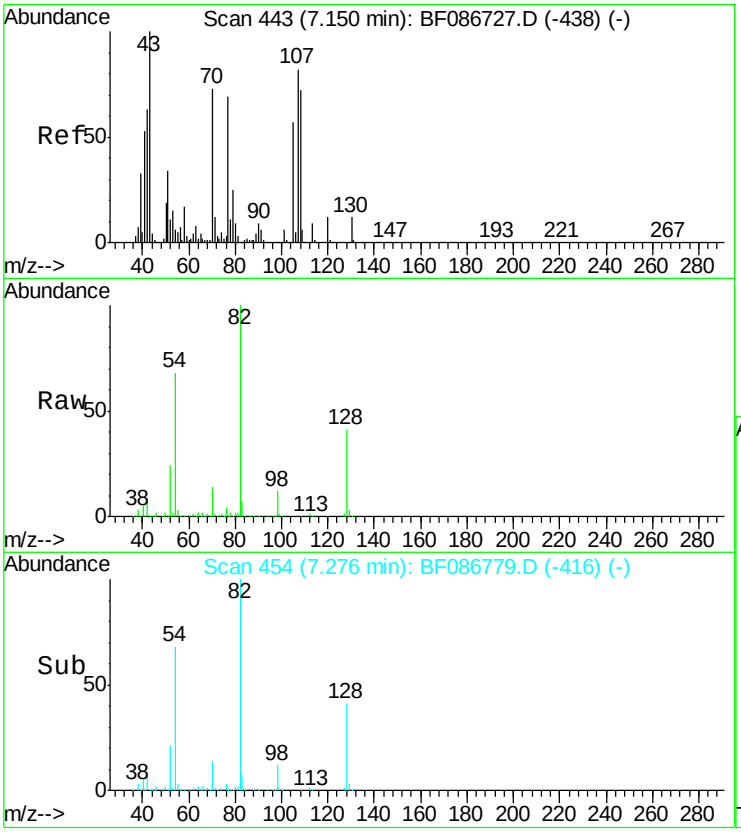


#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion: 79 Resp: 18793

Ion	Ratio	Lower	Upper
79	100		
108	29.2	68.4	102.6#
77	103.7	50.6	76.0#



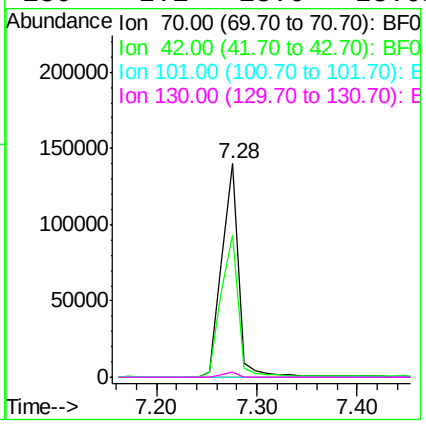


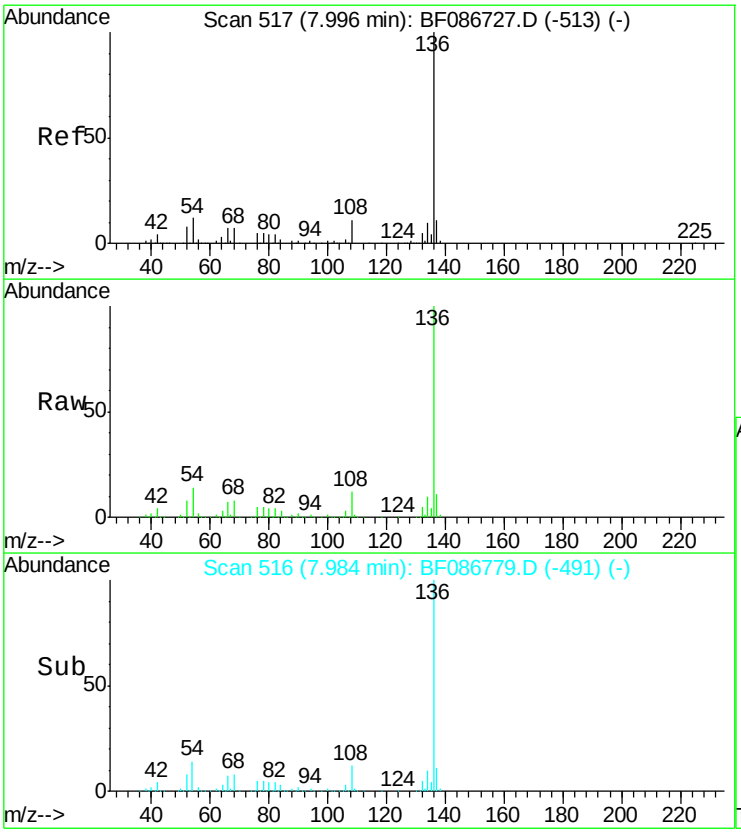
#19
n-Nitroso-di-n-propylamine
Concen: 17.49 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion: 70 Resp: 164746

Ion	Ratio	Lower	Upper
70	100		
42	66.4	43.1	64.7#
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

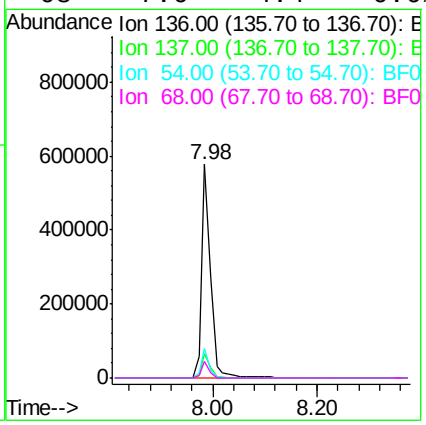


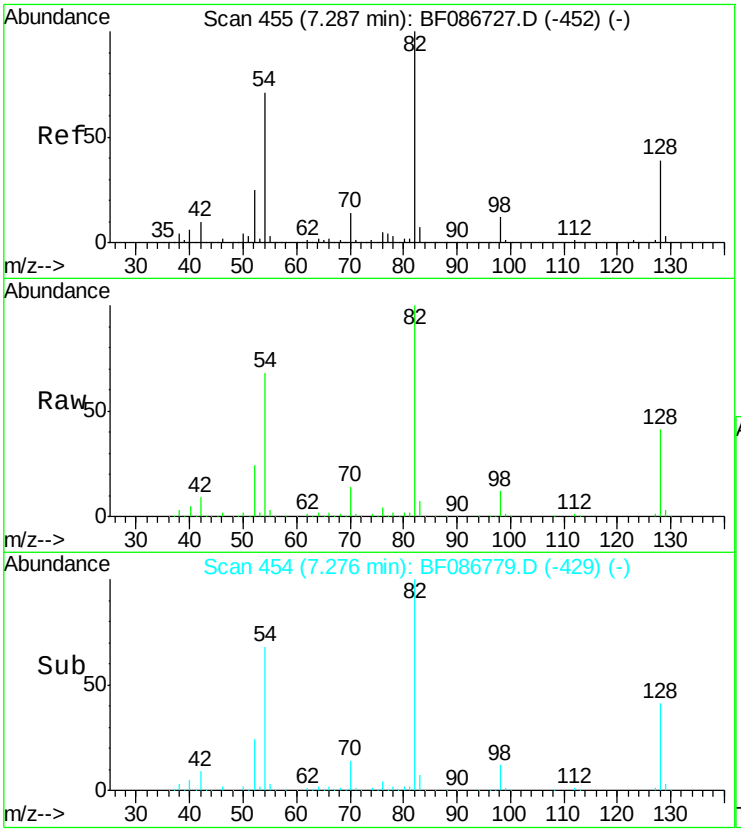


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:136 Resp: 685702

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.0	5.0	7.4#
68	7.6	4.4	6.6#



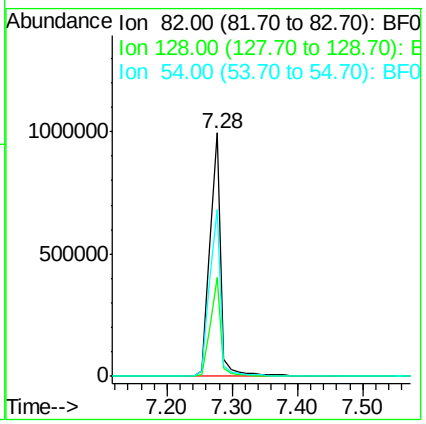


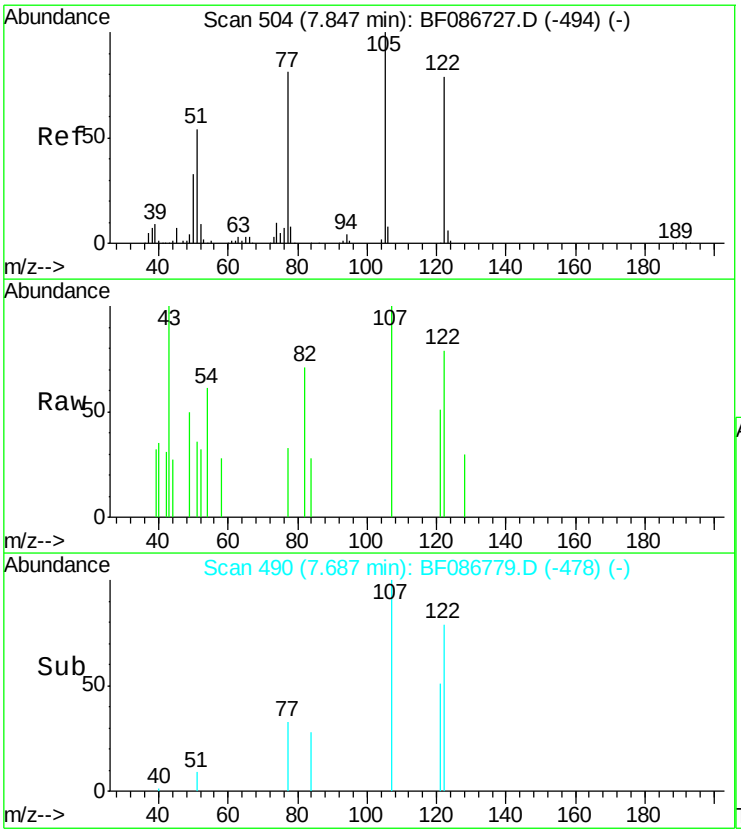
#23
Nitrobenzene-d5
Concen: 88.87 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion: 82 Resp: 1185858

Ion	Ratio	Lower	Upper
82	100		
128	40.7	40.6	61.0
54	68.3	38.1	57.1#

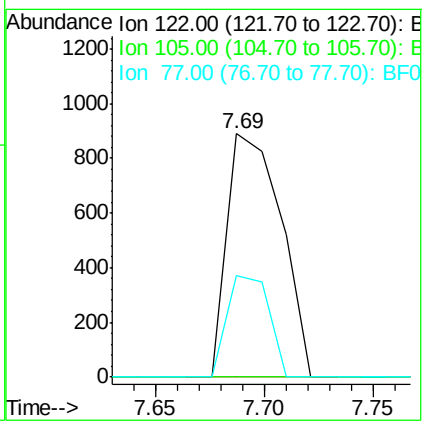


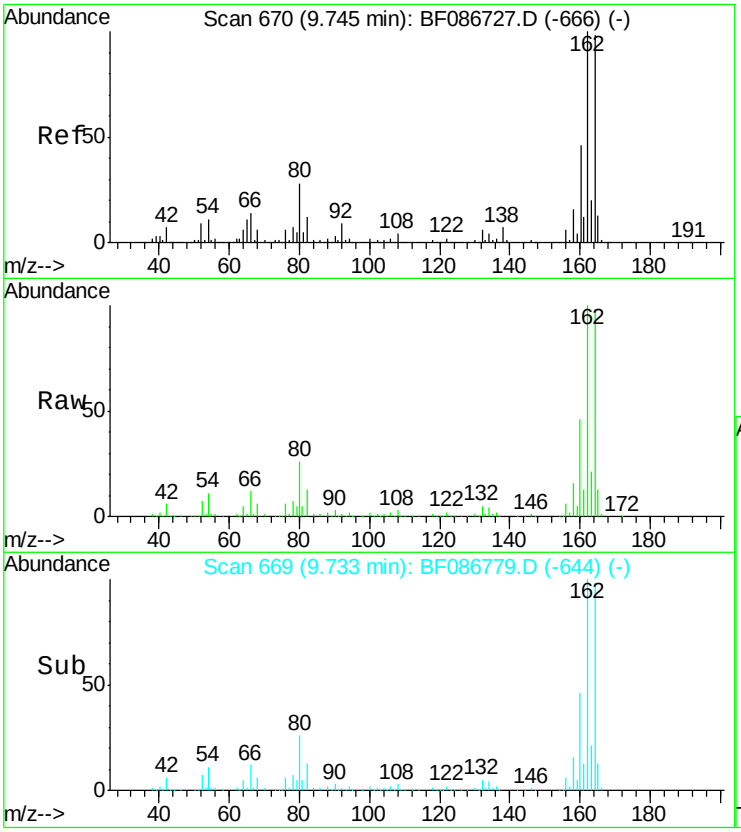


#32
Benzoic acid
Concen: 8.72 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.16 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:122 Resp: 1535

Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.6	132.6#
77	41.6	60.0	100.0#



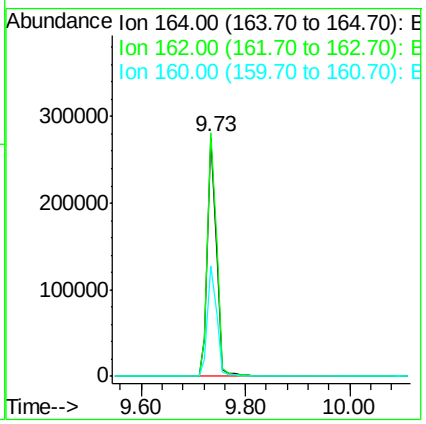


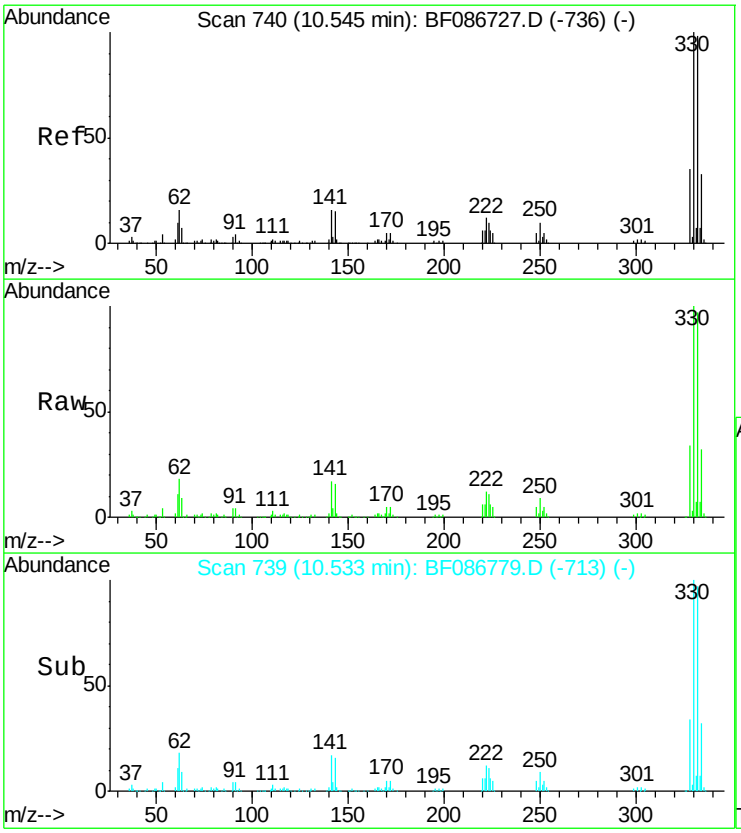
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion:164 Resp: 331224

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	46.5	36.9	55.3

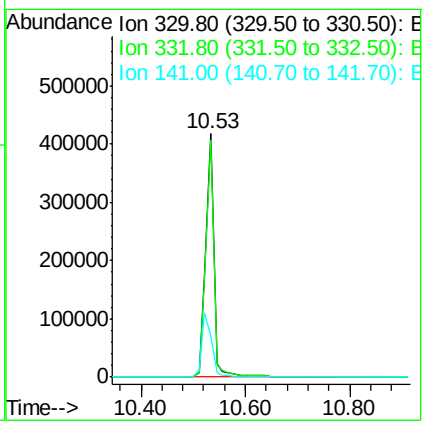


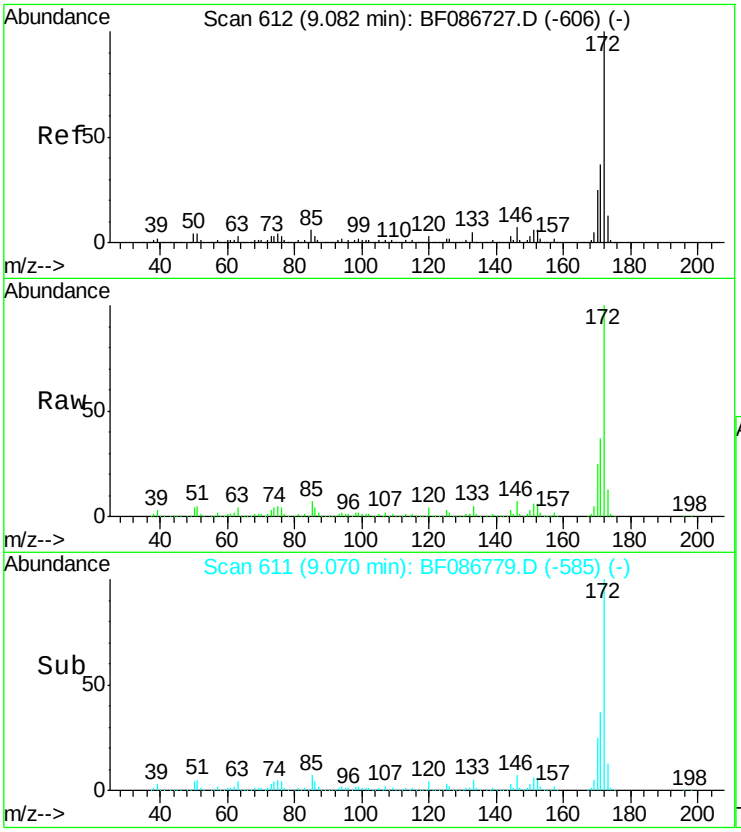


#41
2,4,6-Tribromophenol
Concen: 141.41 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:330 Resp: 458179

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	32.1	31.2	46.8



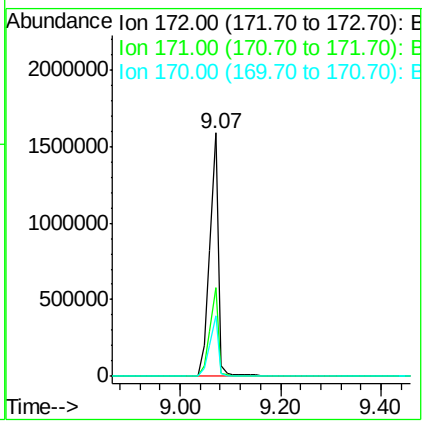


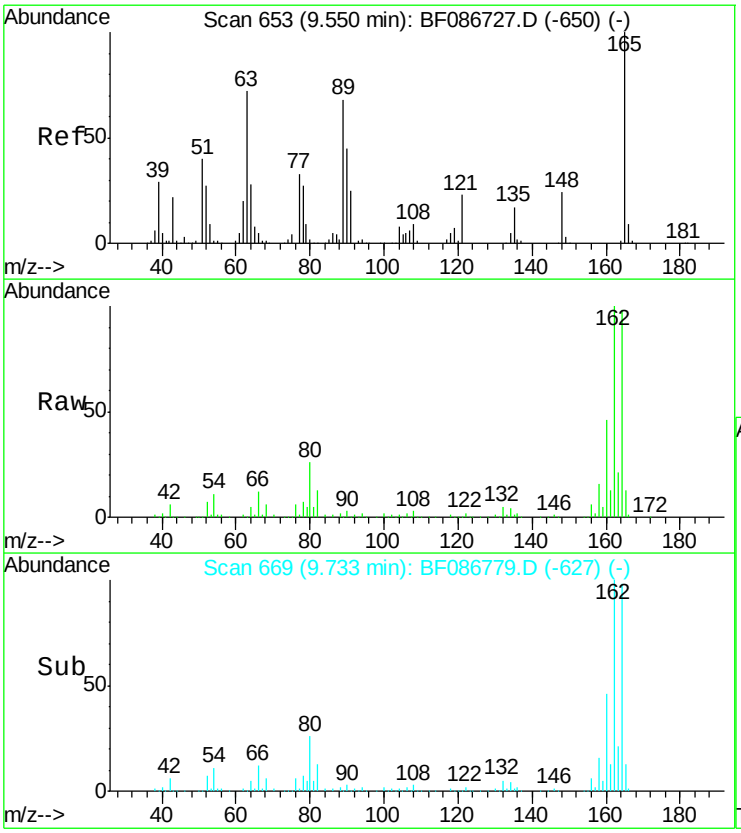
#44
2-Fluorobiphenyl
Concen: 95.26 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion:172 Resp: 1924902

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.9	19.8	29.8

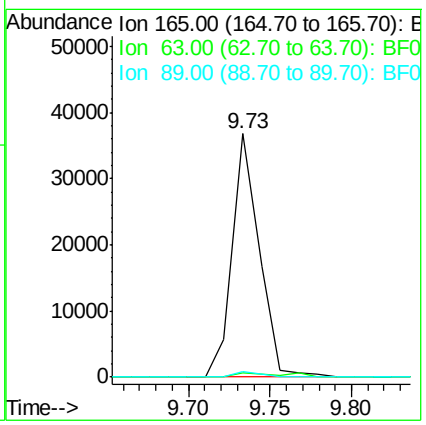


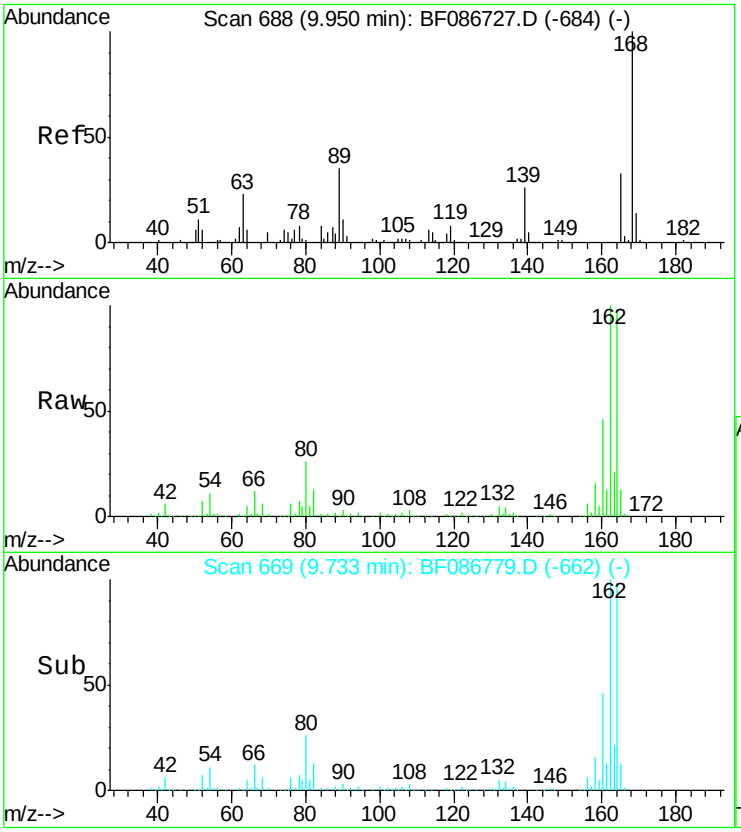


#50
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.18 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:165 Resp: 42102

Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.8	77.8#
89	2.1	50.7	76.1#



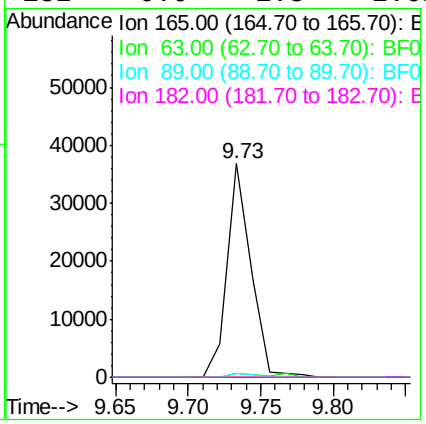


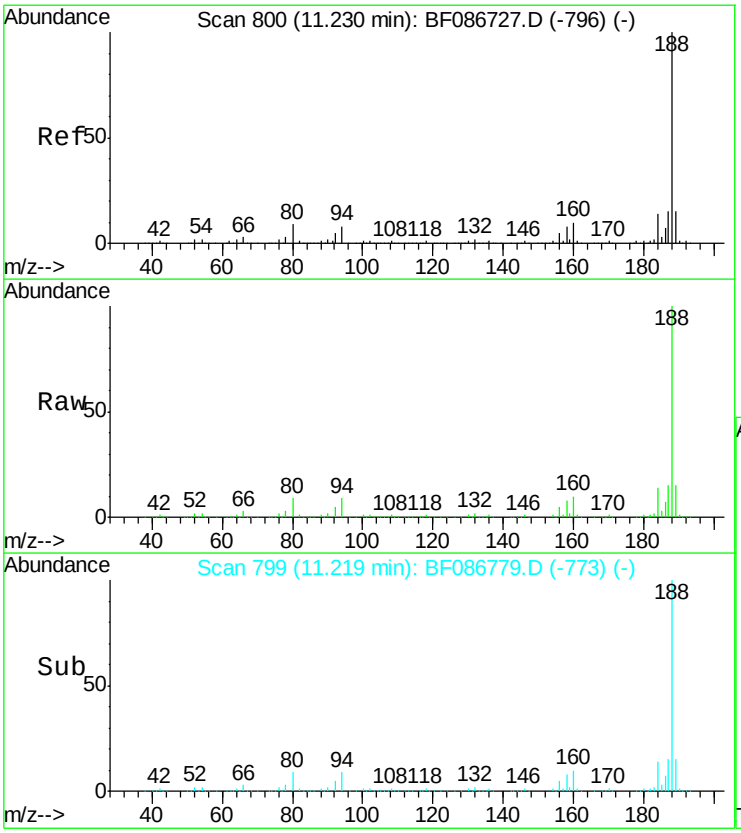
#56
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion:165 Resp: 42104

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

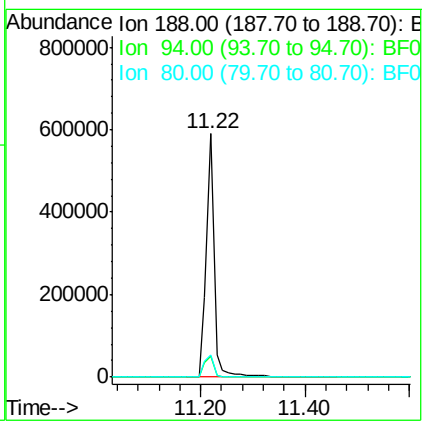


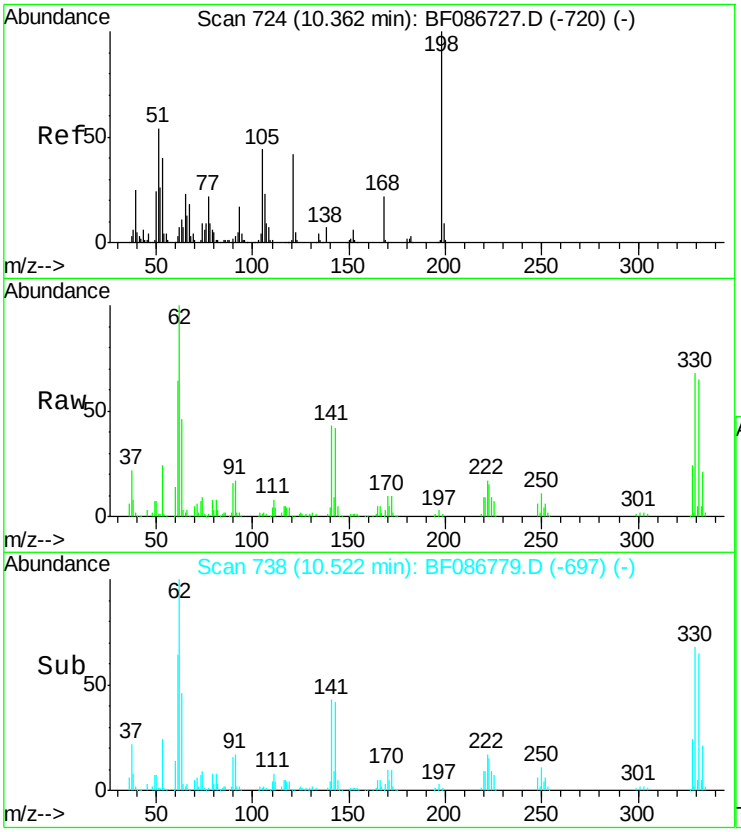


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:188 Resp: 624412

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	8.9	7.1	10.7



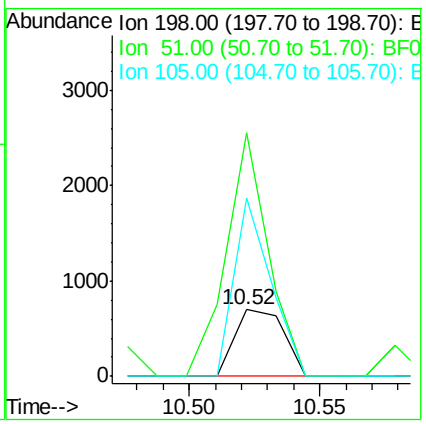


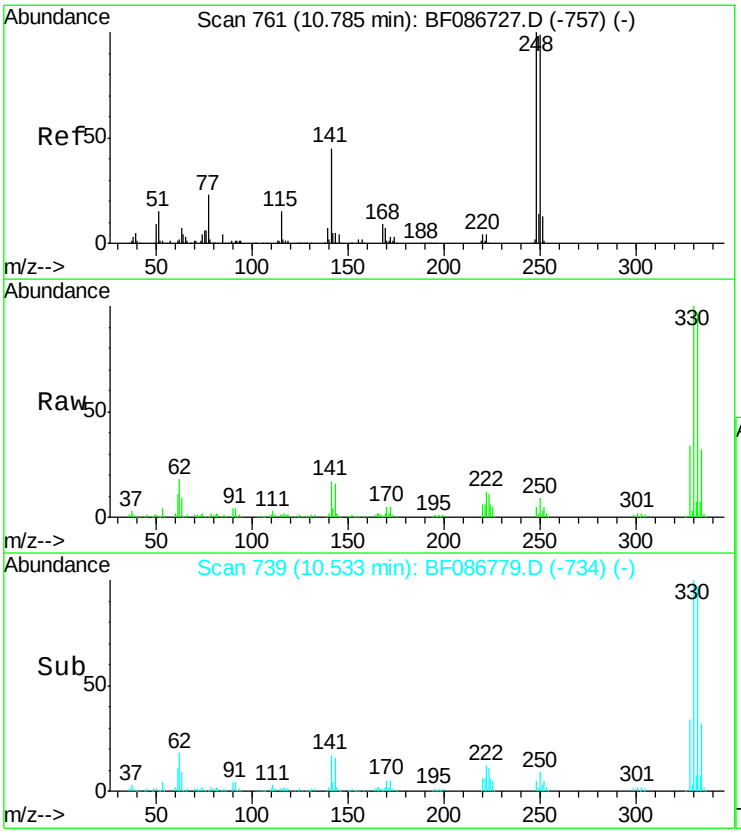
#64
4,6-Dinitro-2-methylphenol
Concen: 5.54 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.17 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion:198 Resp: 913

Ion	Ratio	Lower	Upper
198	100		
51	364.9	20.5	60.5#
105	267.6	24.5	64.5#

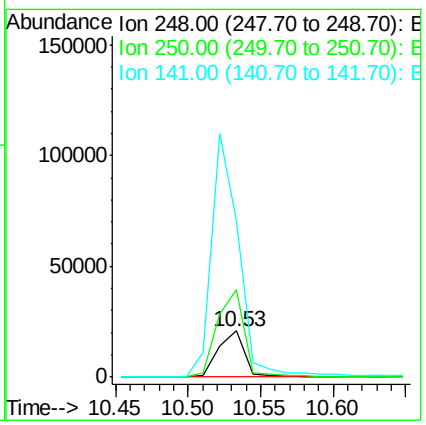


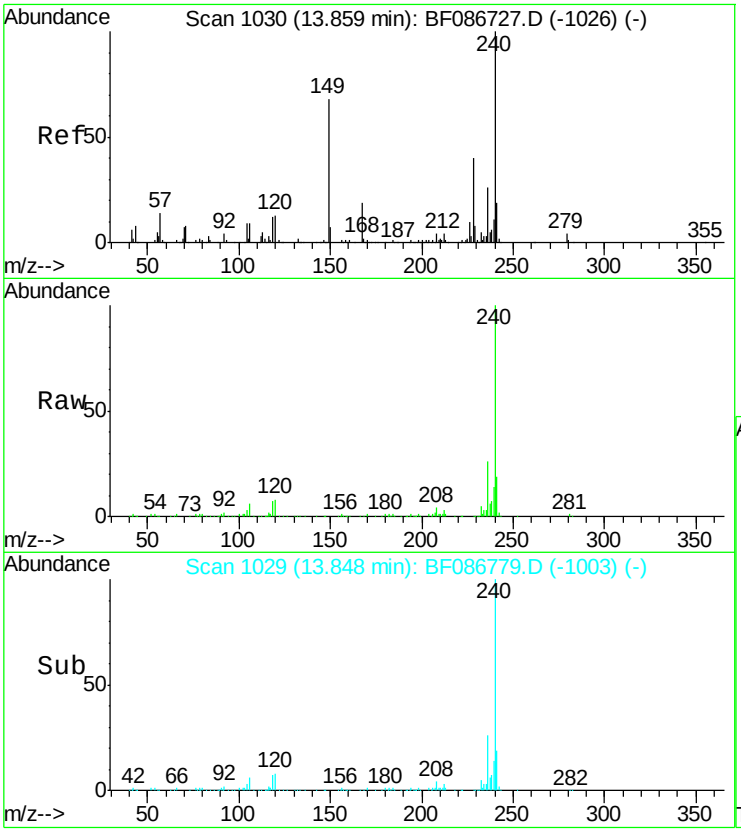


#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:248 Resp: 26148

Ion	Ratio	Lower	Upper
248	100		
250	191.5	78.6	117.8#
141	341.5	76.0	114.0#



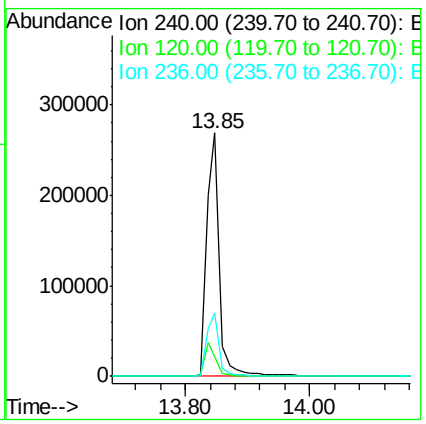


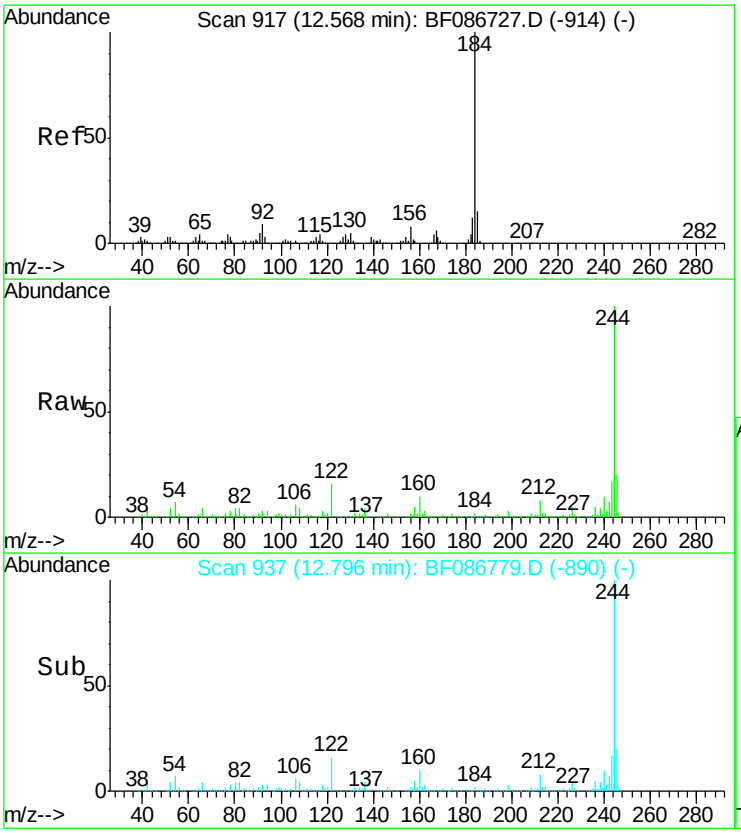
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion:240 Resp: 377727

Ion	Ratio	Lower	Upper
240	100		
120	7.9	11.2	16.8#
236	25.9	21.2	31.8

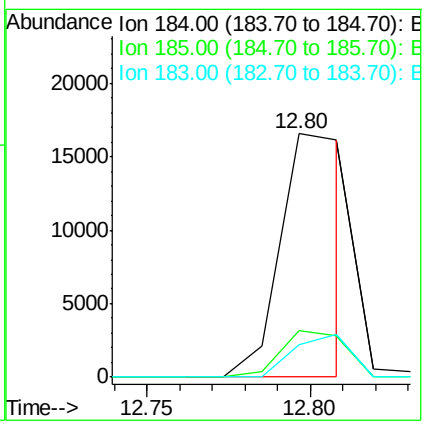


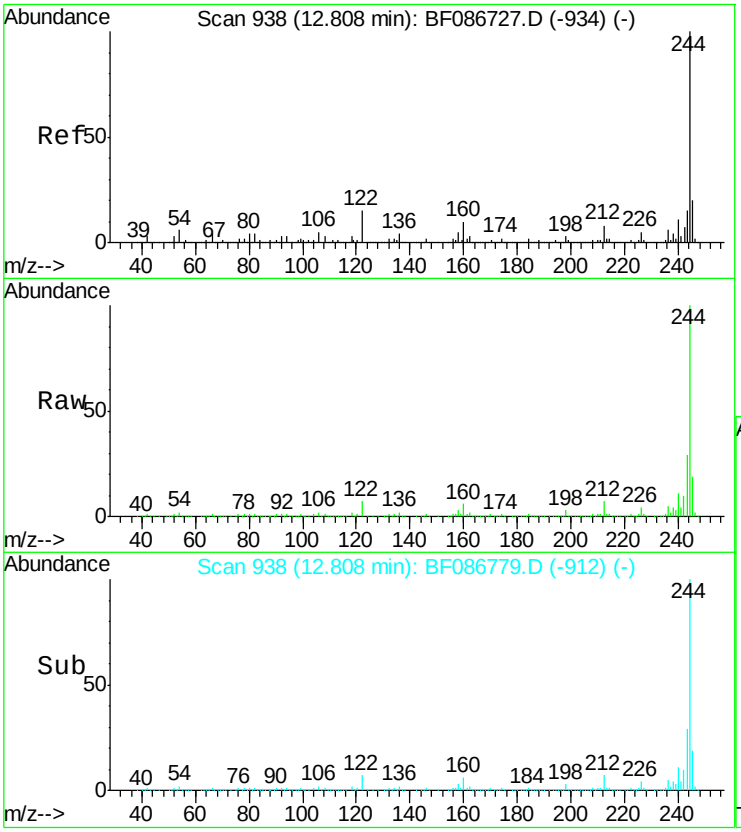


#76
Benzidine
Concen: 9.06 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.24 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:184 Resp: 23926

Ion	Ratio	Lower	Upper
184	100		
185	18.9	13.6	20.4
183	13.1	9.8	14.6



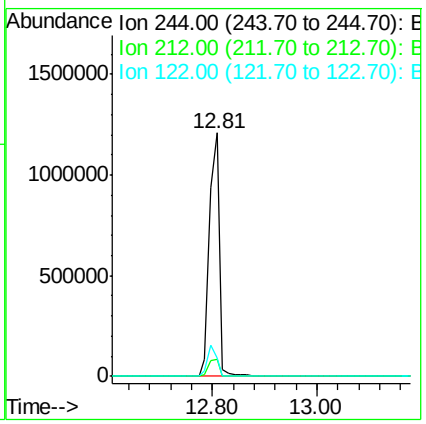


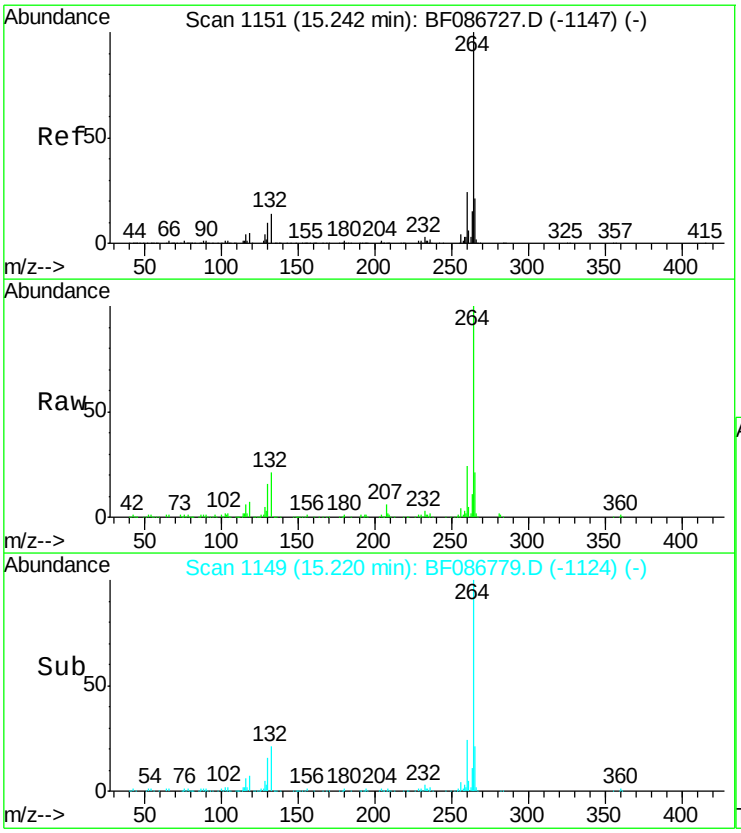
#78
Terphenyl-d14
Concen: 85.75 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Instrument :
BNA_F
ClientSampleId :
PB90240BL

Tgt Ion:244 Resp: 1602587

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	7.3	12.0	18.0#





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:264 Resp: 308189

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.2	17.3	25.9