Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 07 03:27:29 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 03:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	152381	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	629984	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	305220	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	515631	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	372337	40.00	ng	-0.01
86) Perylene-d12	15.23	264	259090	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	458485	49.81	ng	-0.01
7) Phenol-d6	6.36	99	384676	31.02	ng	-0.02
23) Nitrobenzene-d5	7.28	82	886676	72.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	370581	124.12	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1504238	80.79	ng	-0.01
78) Terphenyl-d14	12.81	244	1271476	69.01	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	23172	3.75	ng	# 70
15) Benzyl Alcohol	6.86	79	16106	2.01	ng	# 37
19) n-Nitroso-di-n-propylamine	7.28	70	122330	14.44	ng	# 71
49) Dimethylphthalate	9.47	163	46577	2.05	ng	99
50) 2,6-Dinitrotoluene	9.74	165	38788	7.94	ng	# 21
56) 2,4-Dinitrotoluene	9.74	165	38790	6.41	ng	# 17
64) 4,6-Dinitro-2-methylphenol	10.53	198	1058	5.67	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	23840	4.65	ng	# 1
76) Benzidine	12.53	184	1284	7.20	ng	# 1

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

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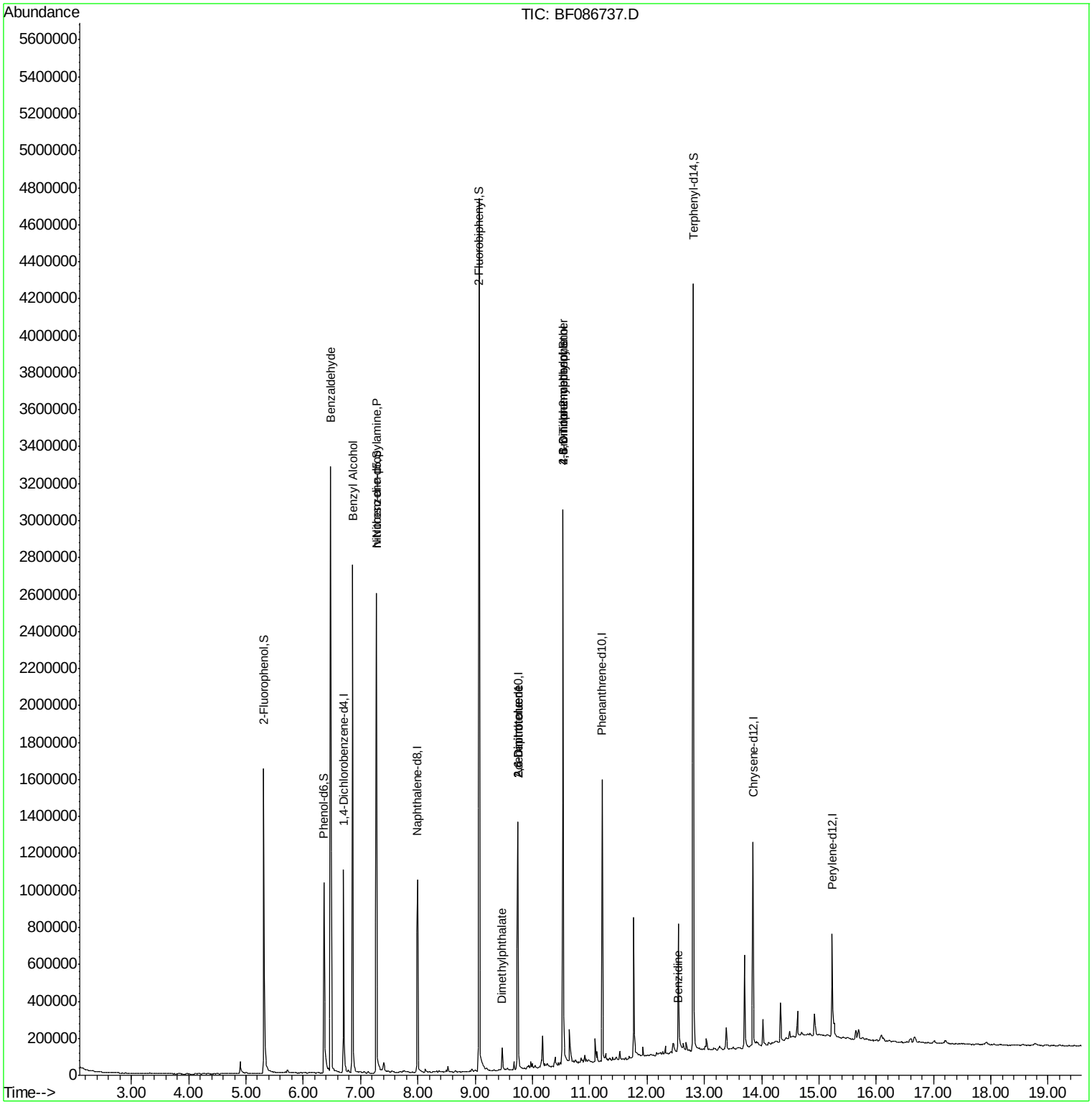
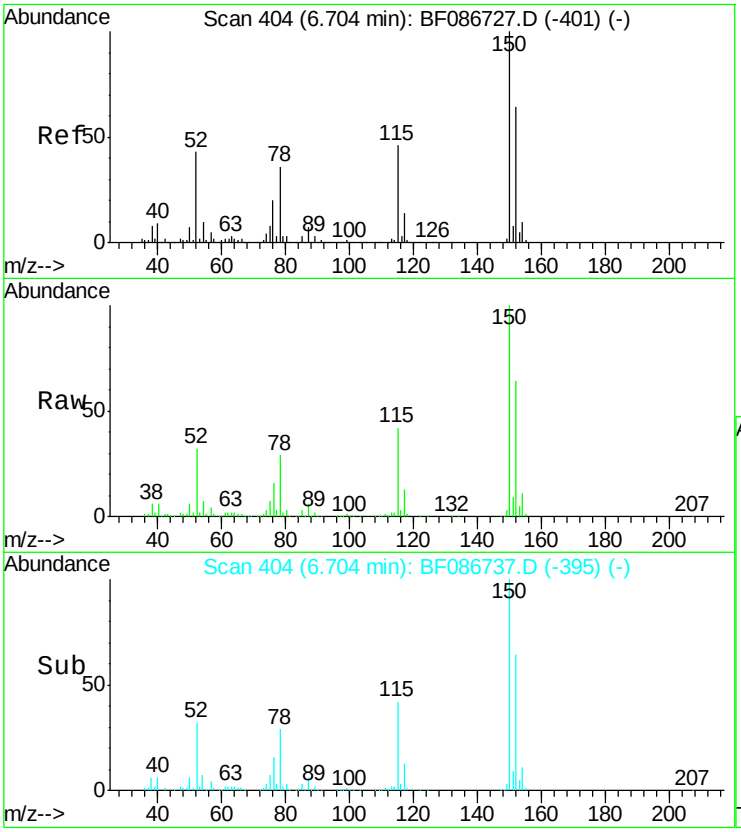


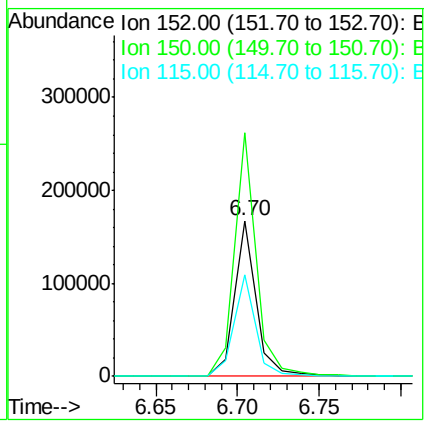


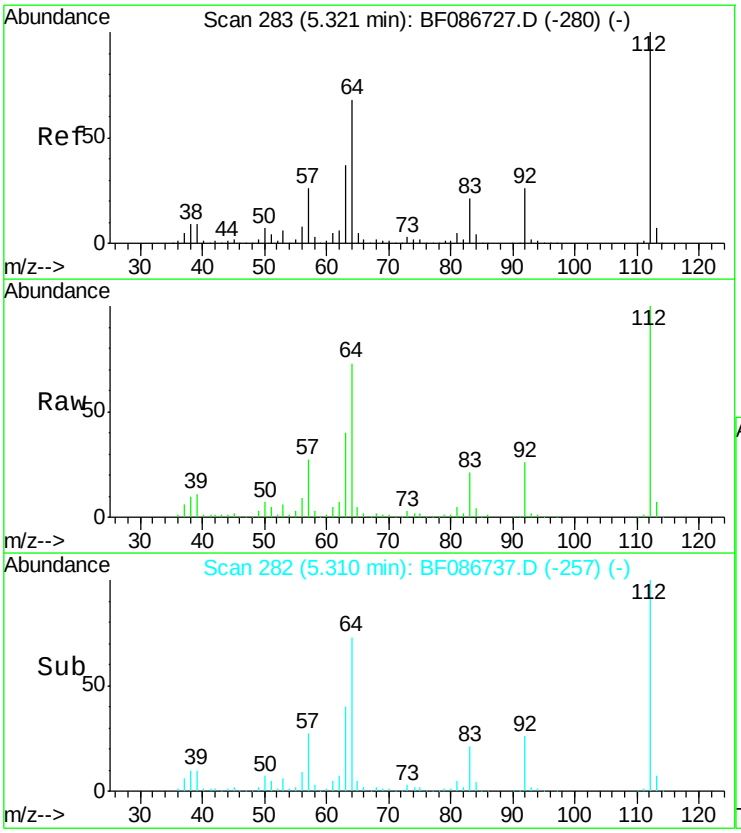
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 152381

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.8	188.6
115	65.1	51.5	77.3

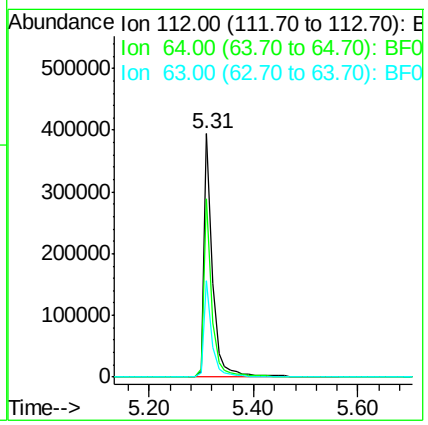


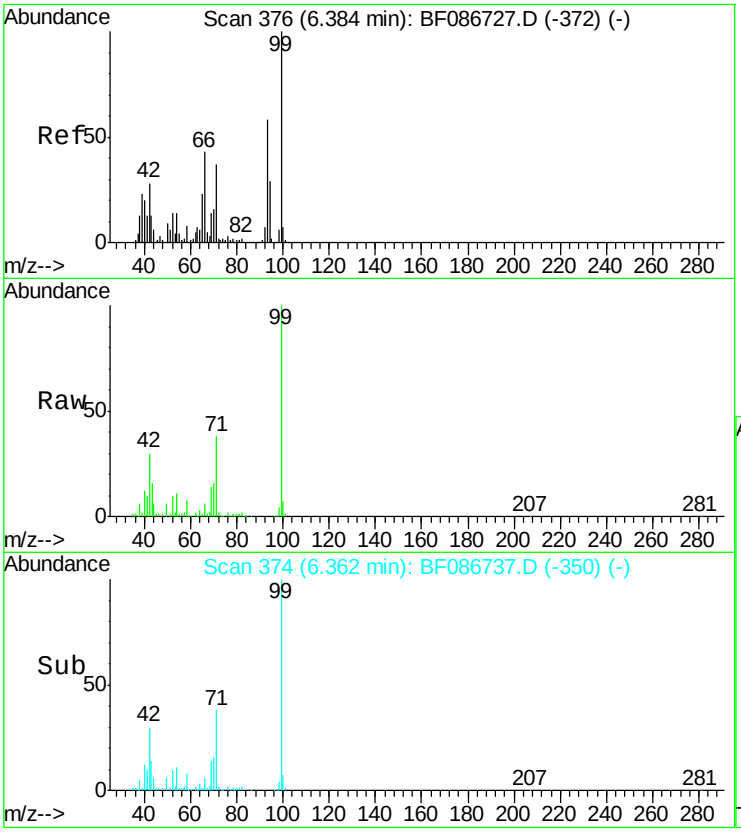


#5
2-Fluorophenol
Concen: 49.81 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion:112 Resp: 458485

Ion	Ratio	Lower	Upper
112	100		
64	73.1	52.1	78.1
63	39.9	25.7	38.5#



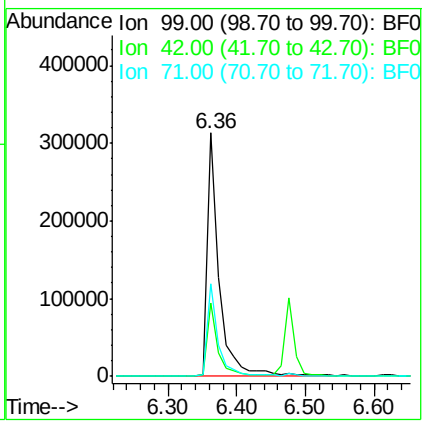


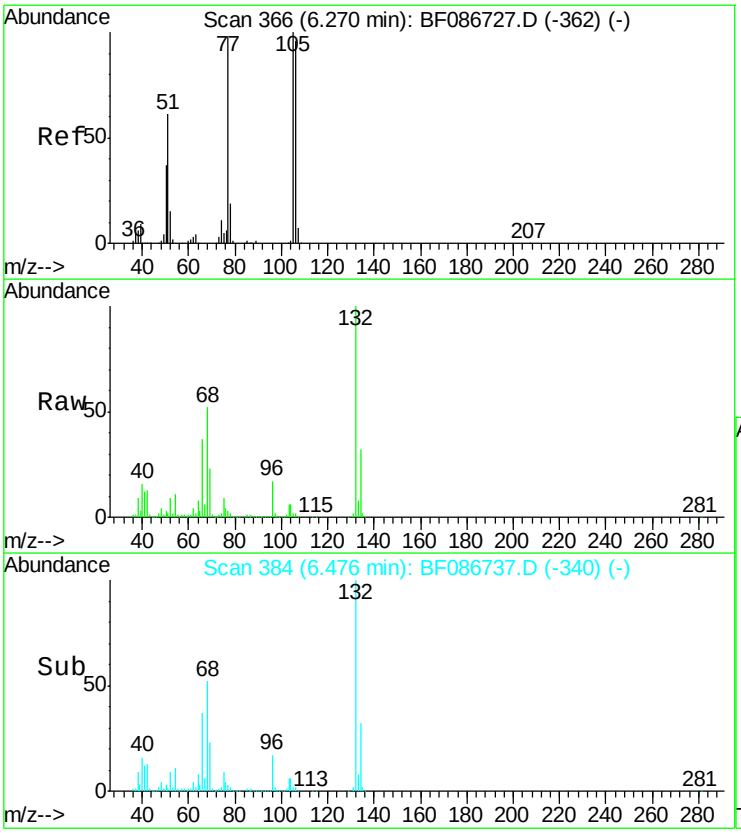
#7
Phenol-d6
Concen: 31.02 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.02 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 384676

Ion	Ratio	Lower	Upper
99	100		
42	29.9	13.6	20.4#
71	37.8	24.6	36.8#

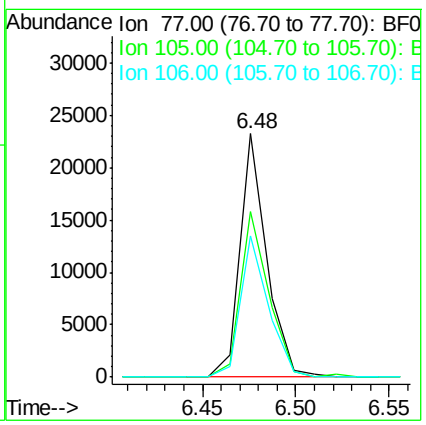


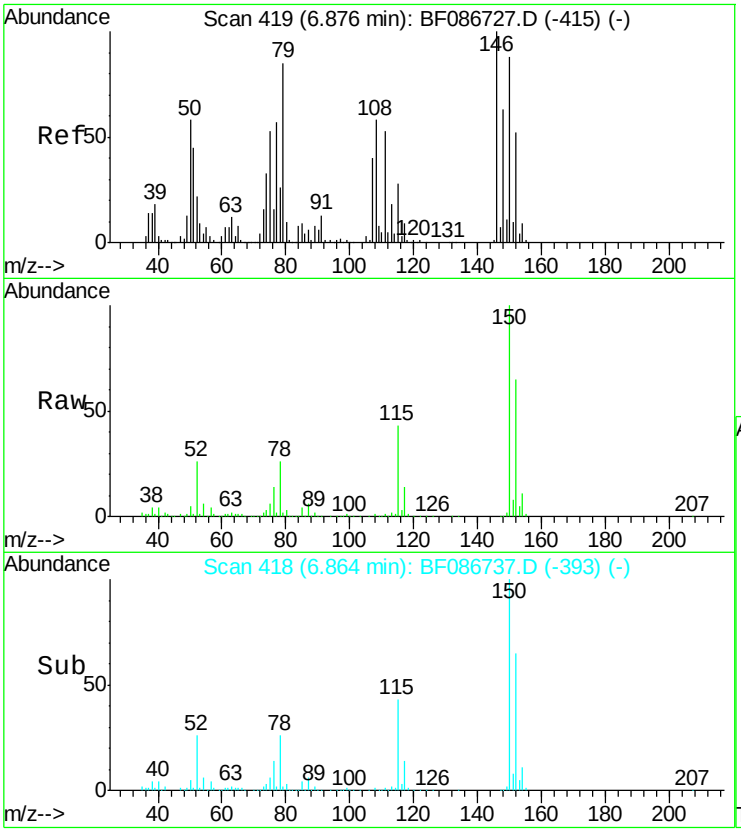


#9
Benzaldehyde
Concen: 3.75 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.21 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion: 77 Resp: 23172

Ion	Ratio	Lower	Upper
77	100		
105	67.9	72.7	112.7#
106	57.8	70.8	110.8#



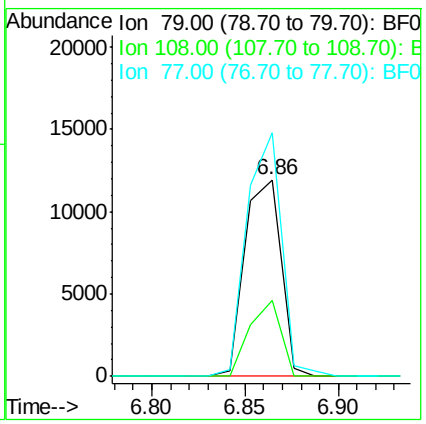


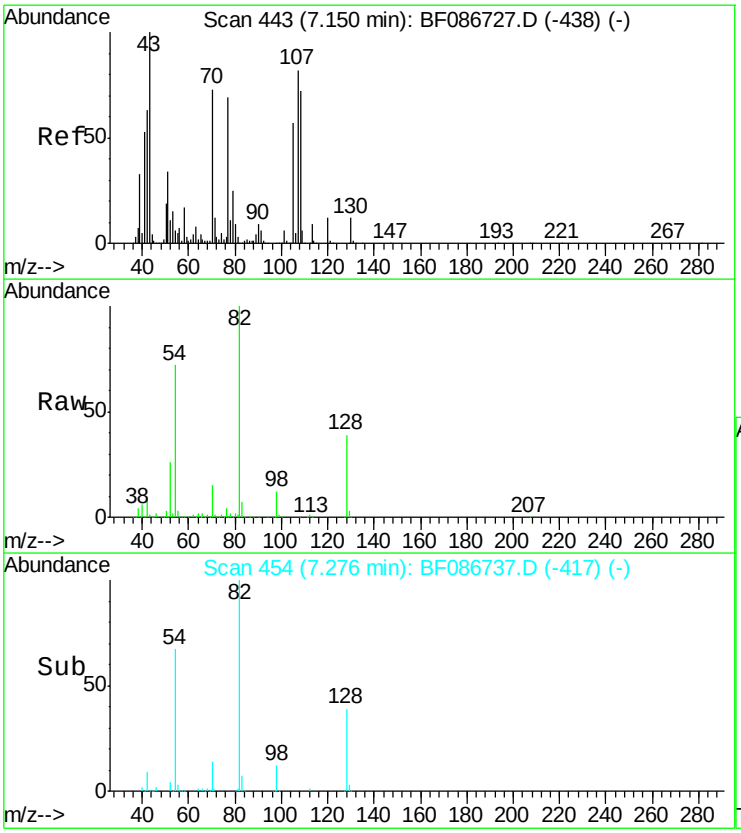
#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 16106

Ion	Ratio	Lower	Upper
79	100		
108	38.4	68.4	102.6#
77	123.8	50.6	76.0#

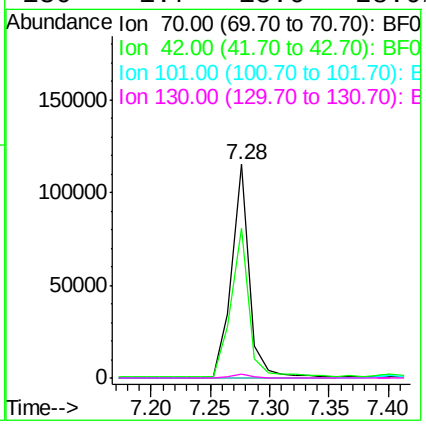


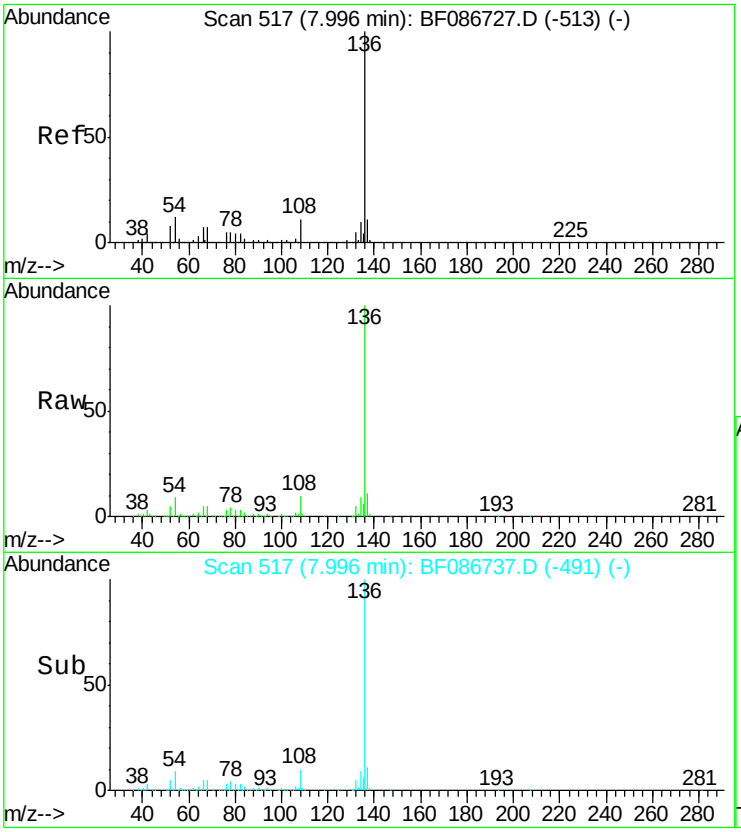


#19
n-Nitroso-di-n-propylamine
Concen: 14.44 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion: 70 Resp: 122330

Ion	Ratio	Lower	Upper
70	100		
42	70.4	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



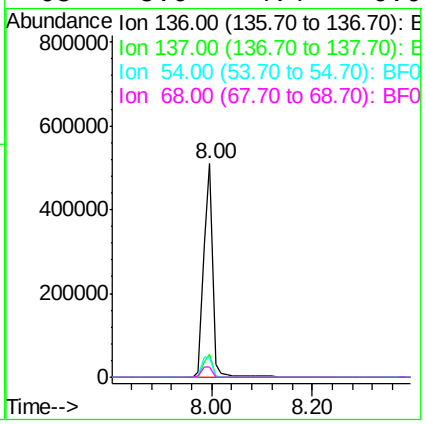


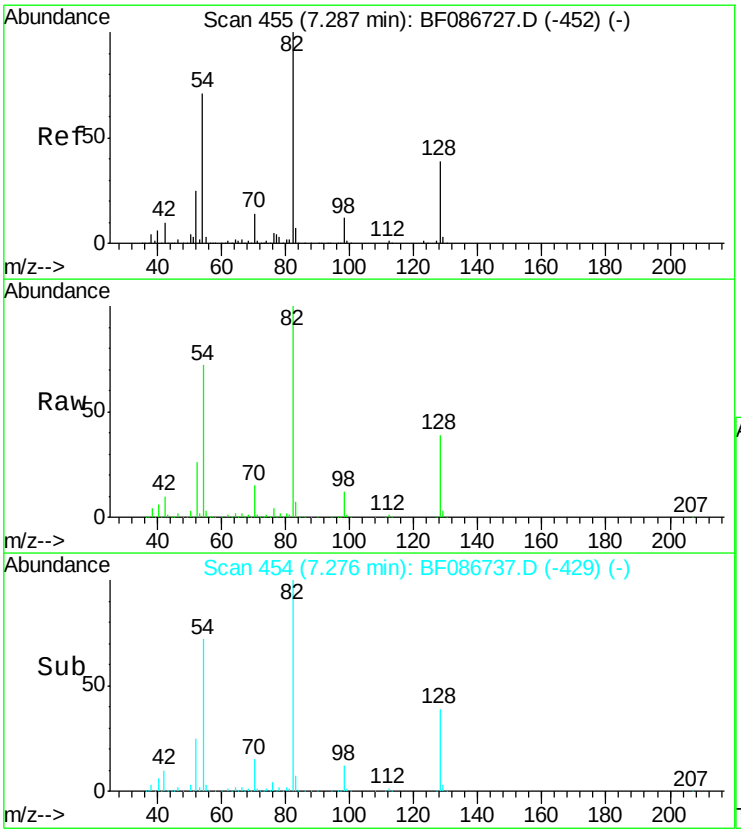
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 629984

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.0	5.0	7.4#
68	5.0	4.4	6.6

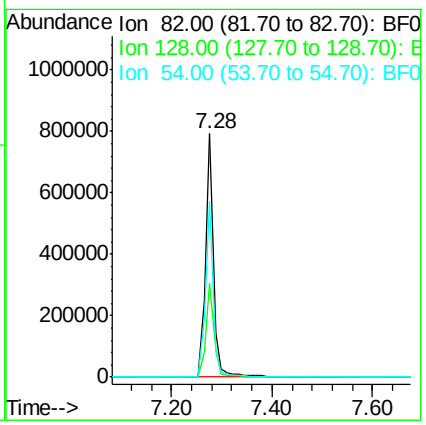


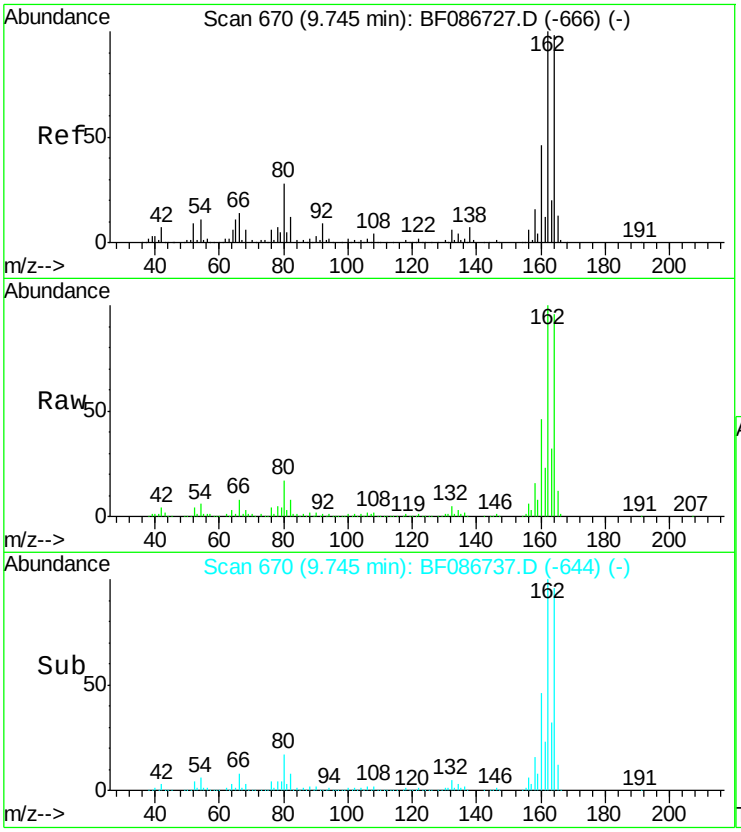


#23
Nitrobenzene-d5
Concen: 72.33 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion: 82 Resp: 886676

Ion	Ratio	Lower	Upper
82	100		
128	38.6	40.6	61.0#
54	72.2	38.1	57.1#



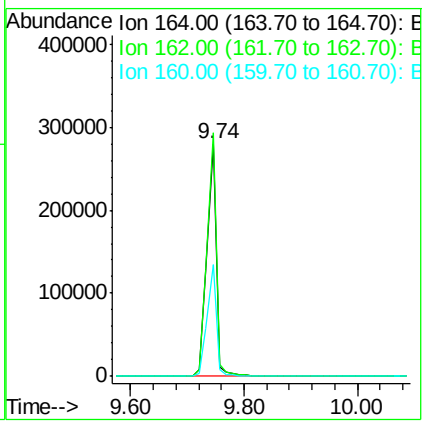


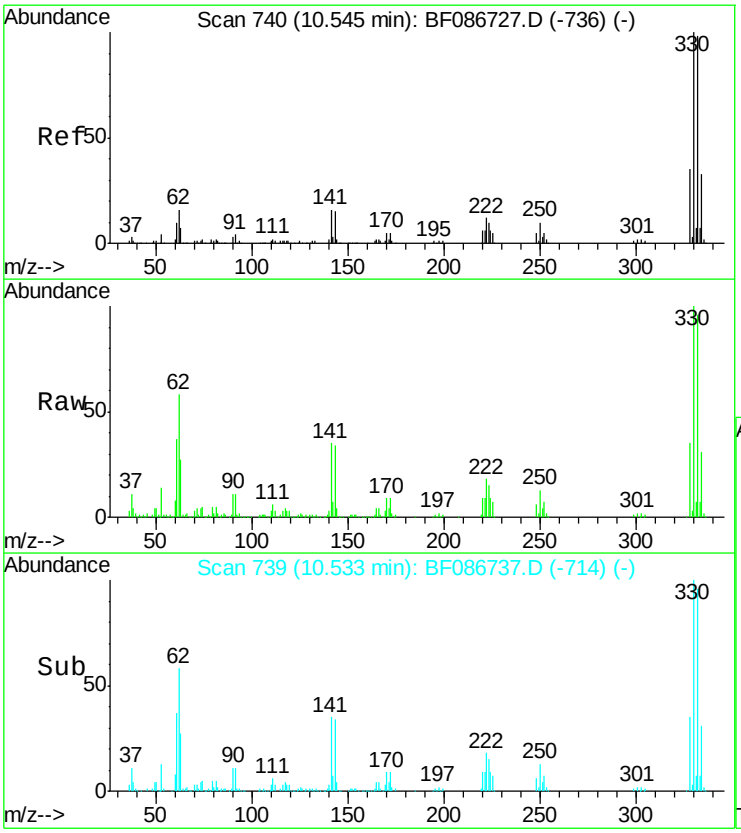
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 305220

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.8	124.2
160	47.9	36.9	55.3

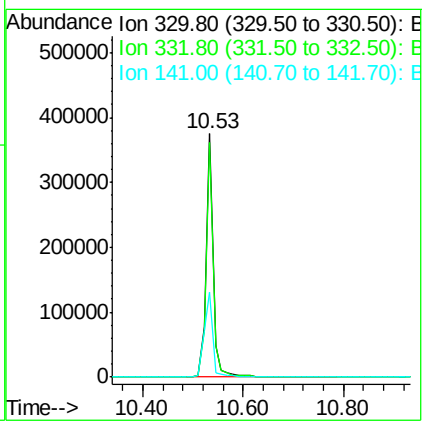


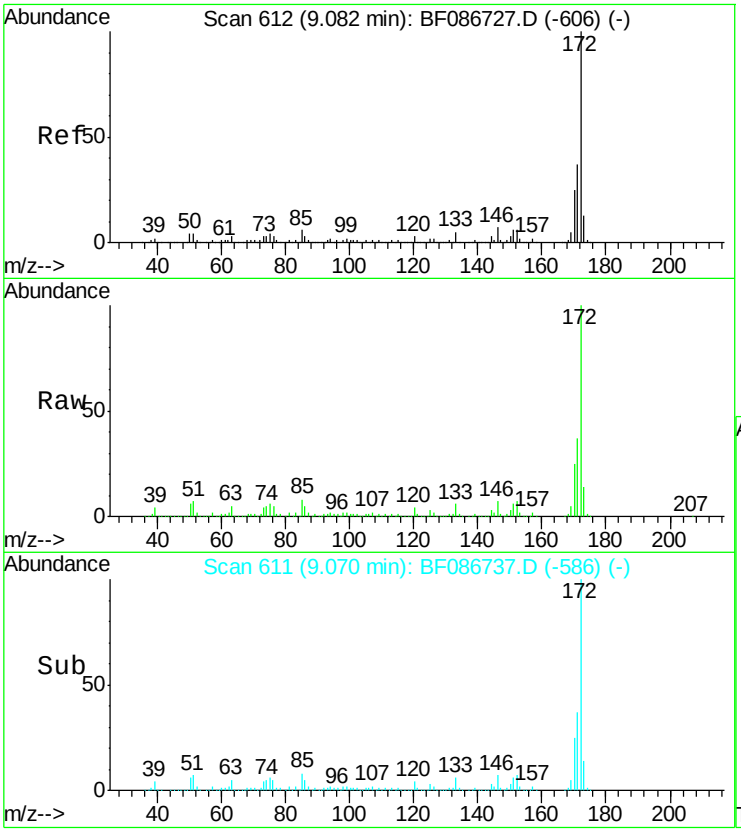


#41
2,4,6-Tribromophenol
Concen: 124.12 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion:330 Resp: 370581

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	41.9	31.2	46.8



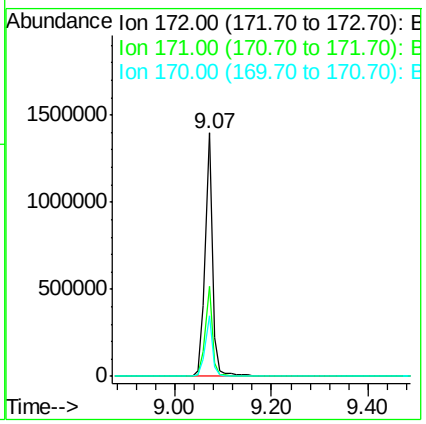


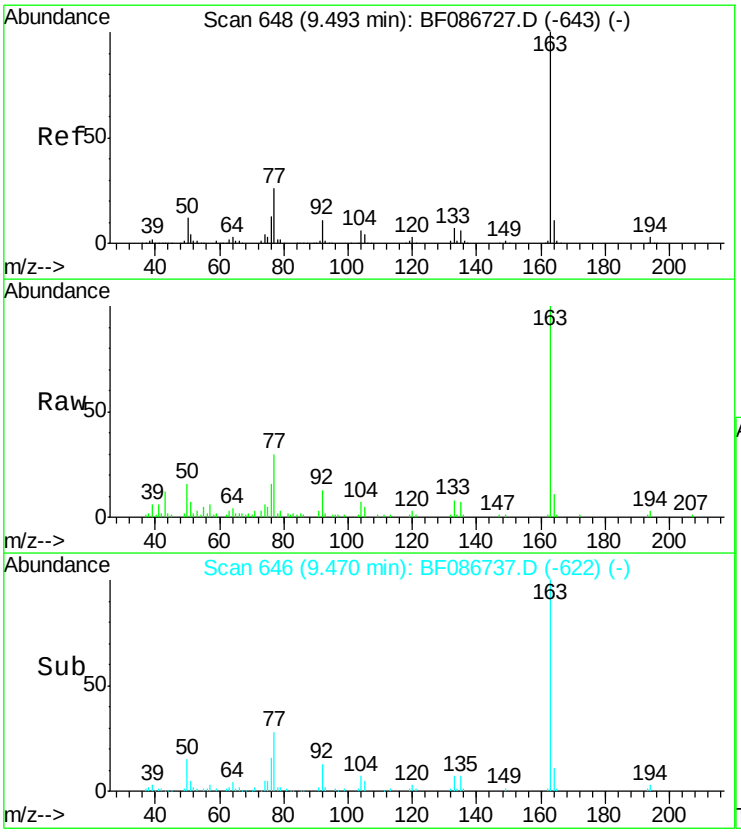
#44
2-Fluorobiphenyl
Concen: 80.79 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1504238

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.1	19.8	29.8

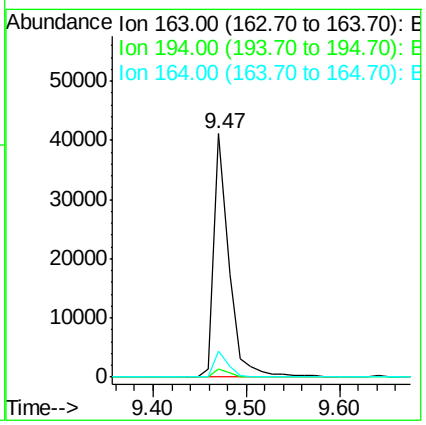


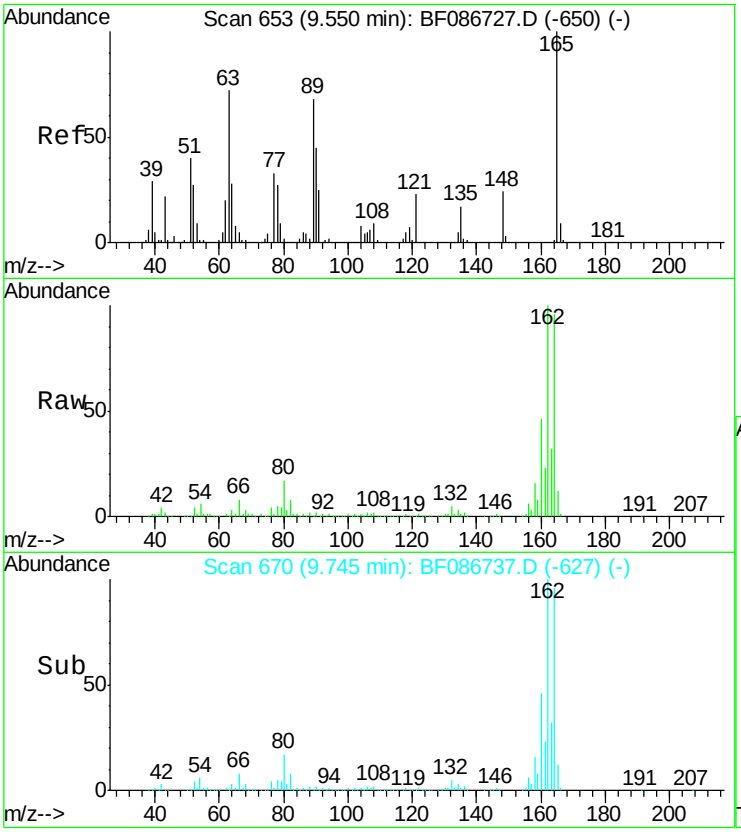


#49
Dimethylphthalate
Concen: 2.05 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion:163 Resp: 46577

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.7	8.2	12.4



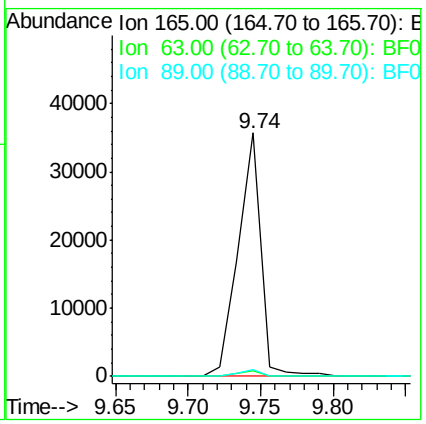


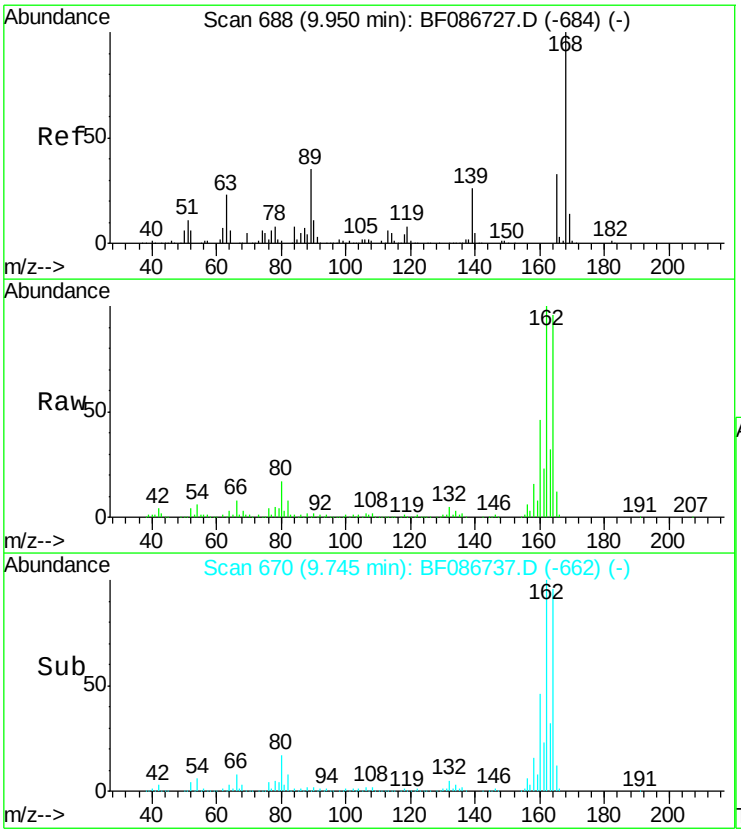
#50
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.19 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38788

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

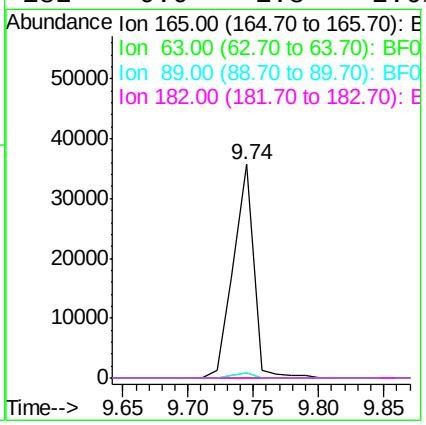


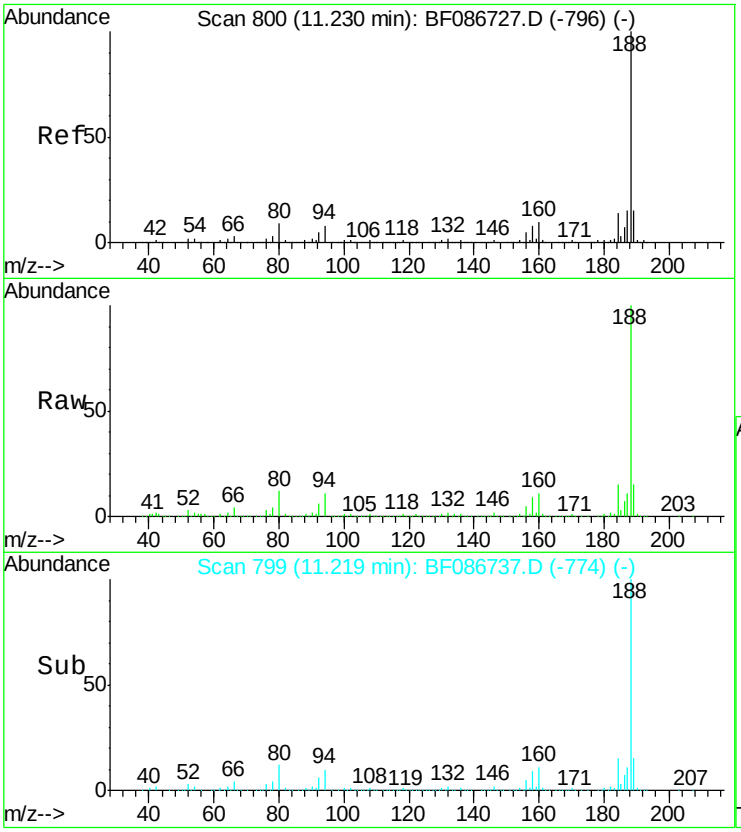


#56
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.21 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion:165 Resp: 38790

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



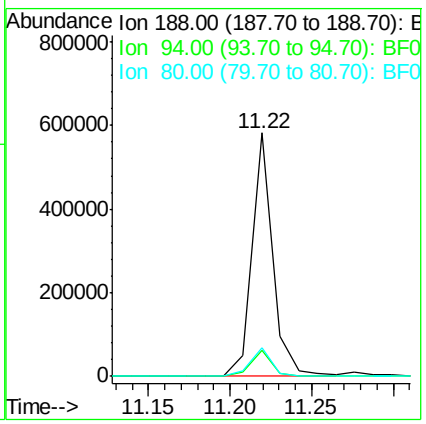


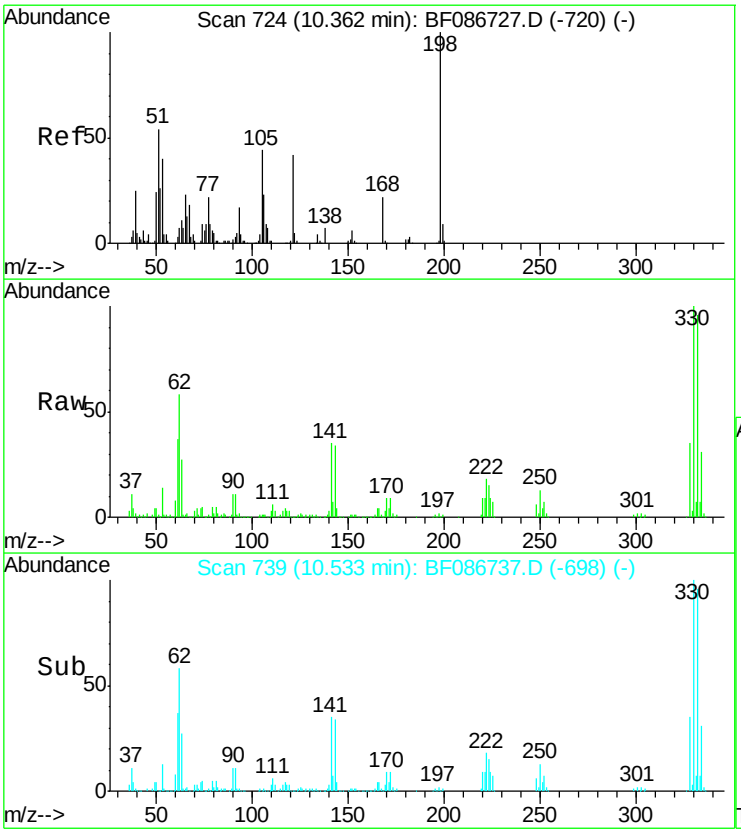
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 515631

Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.8	10.2#
80	11.7	7.1	10.7#

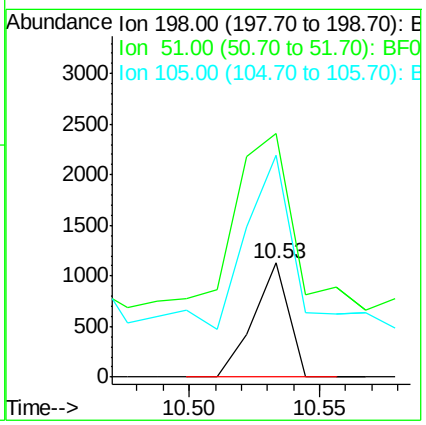


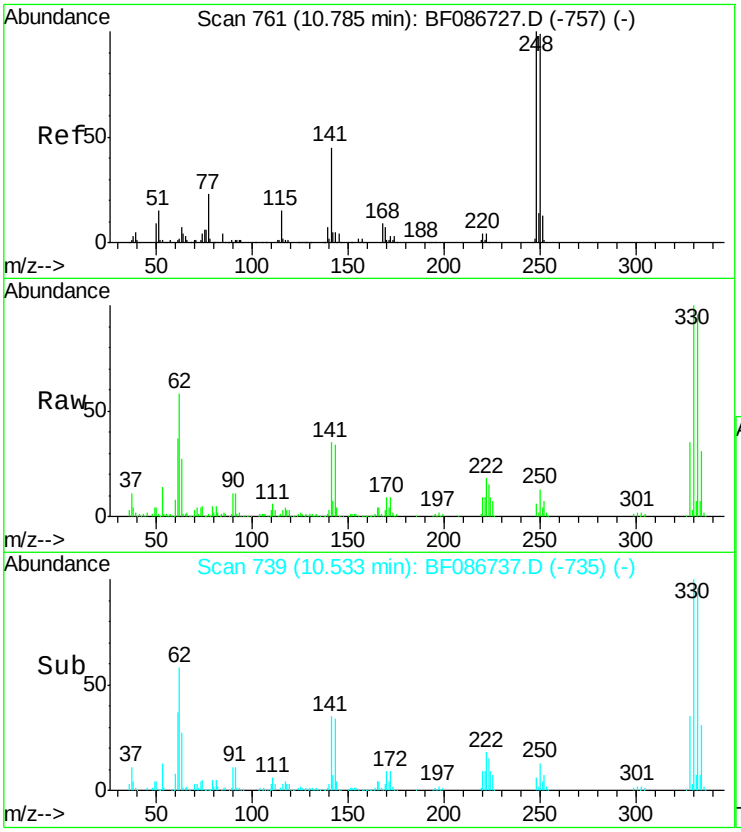


#64
4,6-Dinitro-2-methylphenol
Concen: 5.67 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.17 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion:198 Resp: 1058

Ion	Ratio	Lower	Upper
198	100		
51	213.8	20.5	60.5#
105	194.3	24.5	64.5#



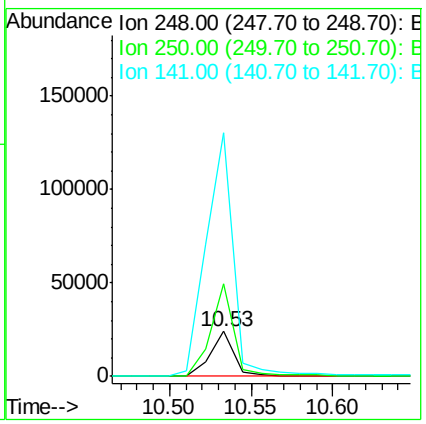


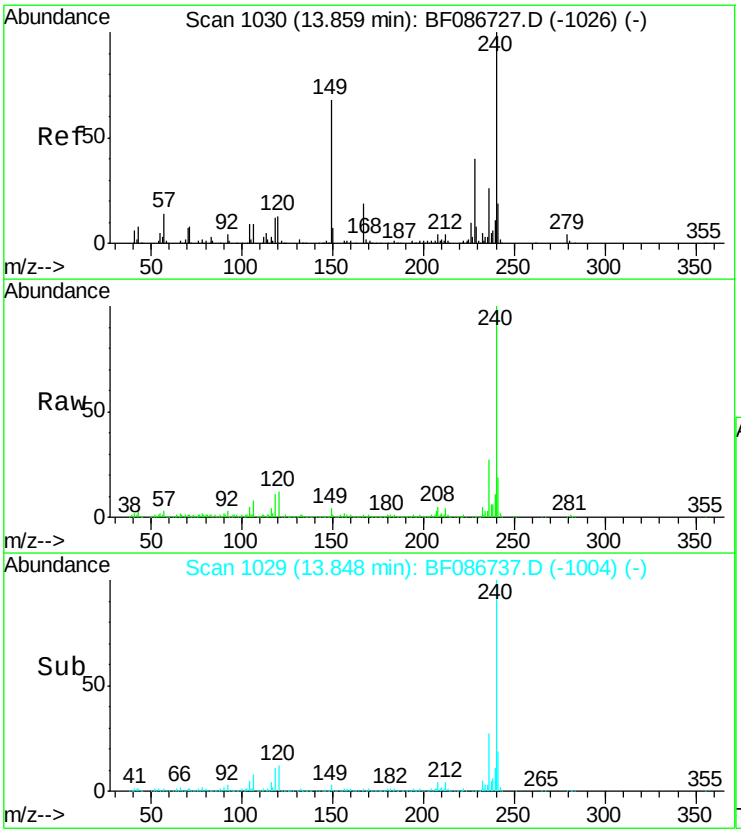
#66
4-Bromophenyl-phenylether
Concen: 4.65 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23840

Ion	Ratio	Lower	Upper
248	100		
250	206.3	78.6	117.8#
141	544.9	76.0	114.0#

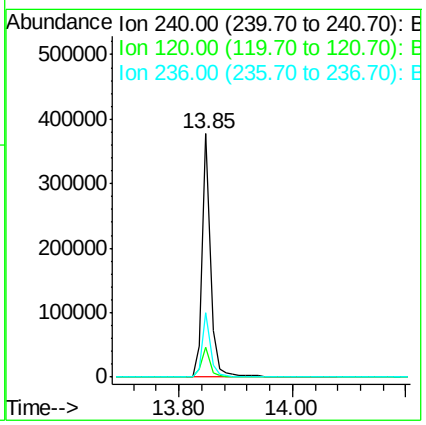


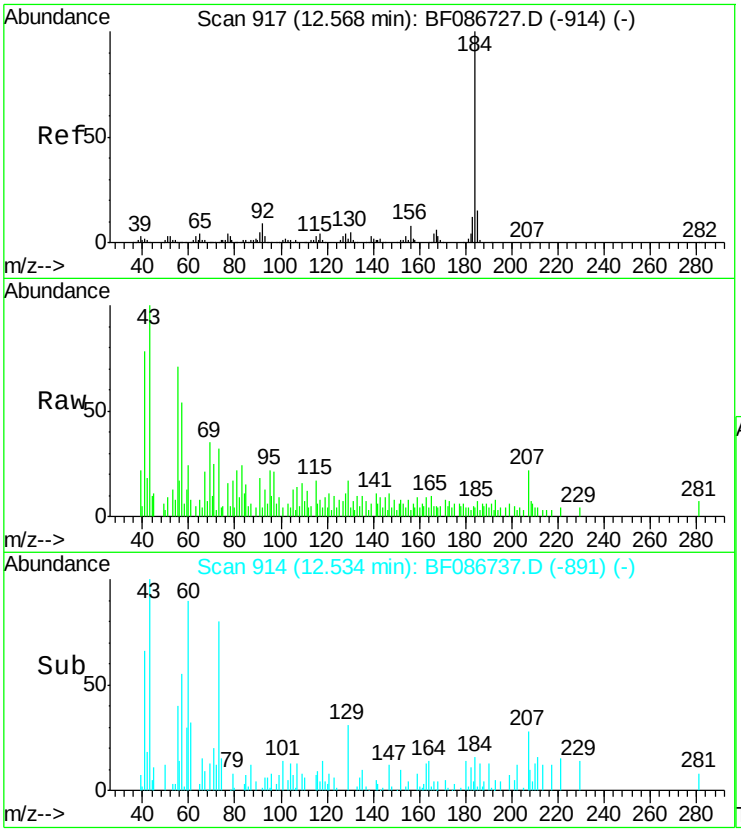


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion:240 Resp: 372337

Ion	Ratio	Lower	Upper
240	100		
120	12.4	11.2	16.8
236	26.5	21.2	31.8



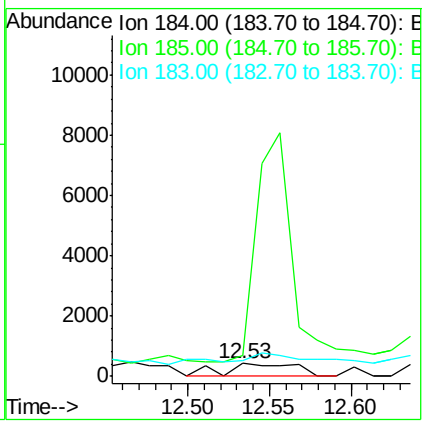


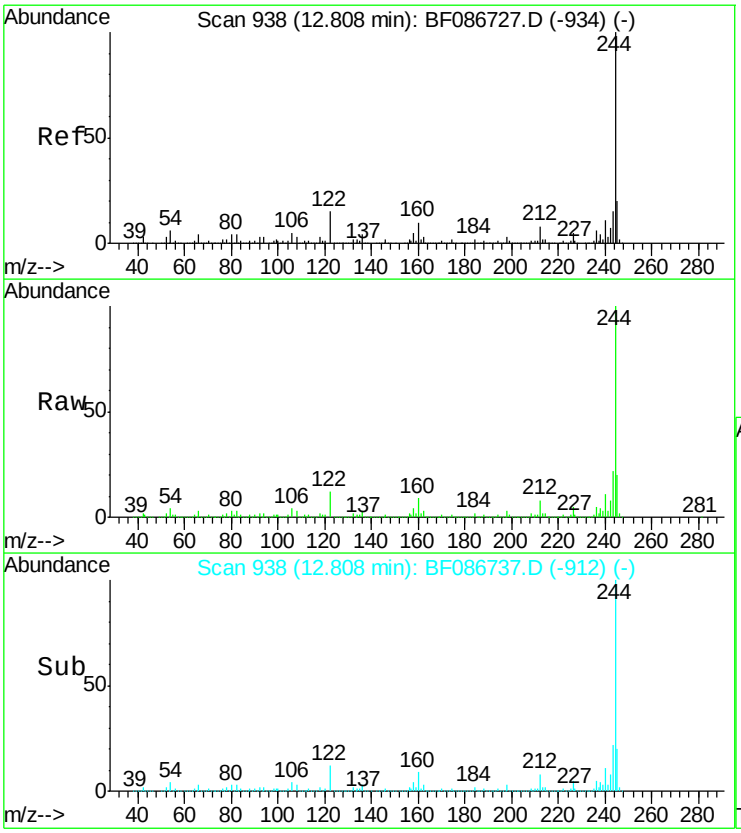
#76
Benzidine
Concen: 7.20 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1284

Ion	Ratio	Lower	Upper
184	100		
185	165.6	13.6	20.4#
183	125.4	9.8	14.6#

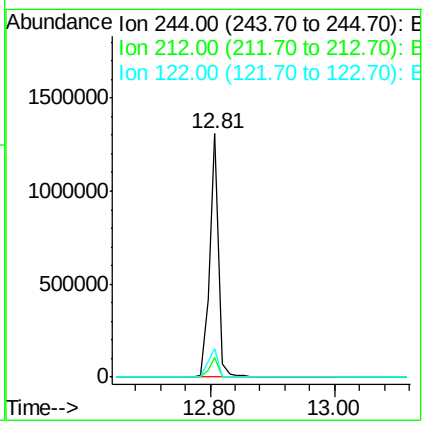


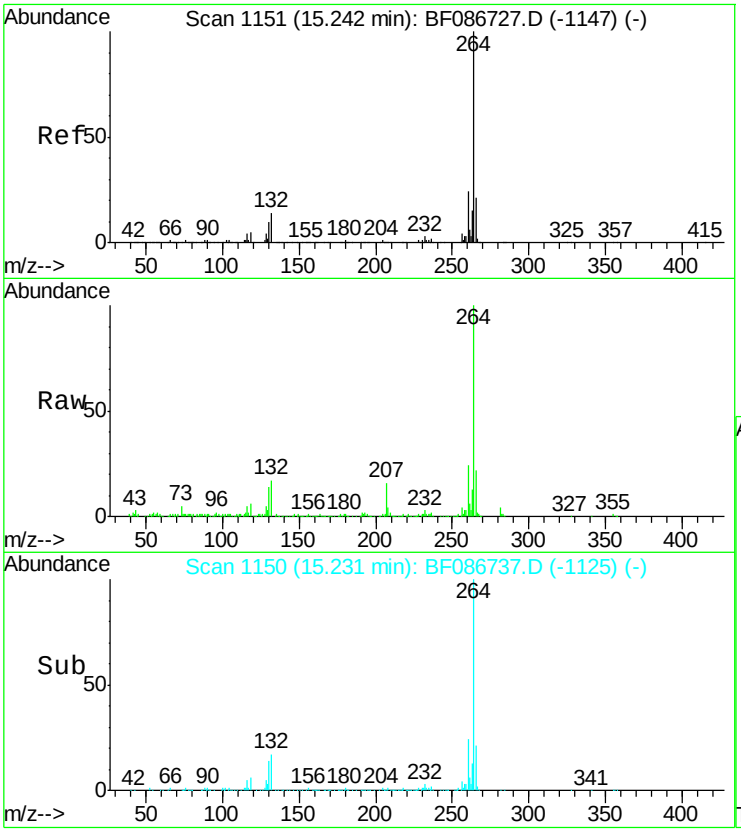


#78
Terphenyl-d14
Concen: 69.01 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Tgt Ion:244 Resp: 1271476

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	11.7	12.0	18.0#





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF086737.D
Acq: 6 May 2016 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 259090

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.3	25.9