Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
Data File : BF086740.D
Acq On : 6 May 2016 22:57
Operator : UM/SJ
Sample : H2770-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 07 03:28:04 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	151109	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	622146	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	291172	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	477595	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	407786	40.00	ng	-0.01
86) Perylene-d12	15.23	264	287577	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	554416	60.74	ng	-0.01
7) Phenol-d6	6.36	99	464625	37.79	ng	-0.02
23) Nitrobenzene-d5	7.28	82	990551	81.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	366634	128.72	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1544463	86.95	ng	-0.01
78) Terphenyl-d14	12.81	244	1353338	67.07	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	26691	4.35	ng	# 70
15) Benzyl Alcohol	6.86	79	19732	2.48	ng	# 39
19) n-Nitroso-di-n-propylamine	7.28	70	141774	16.88	ng	# 72
56) 2,4-Dinitrotoluene	9.74	165	36975	6.41	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.35	198	213	5.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	22431	4.73	ng	# 1
76) Benzidine	12.56	184	933	7.16	ng	# 1

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

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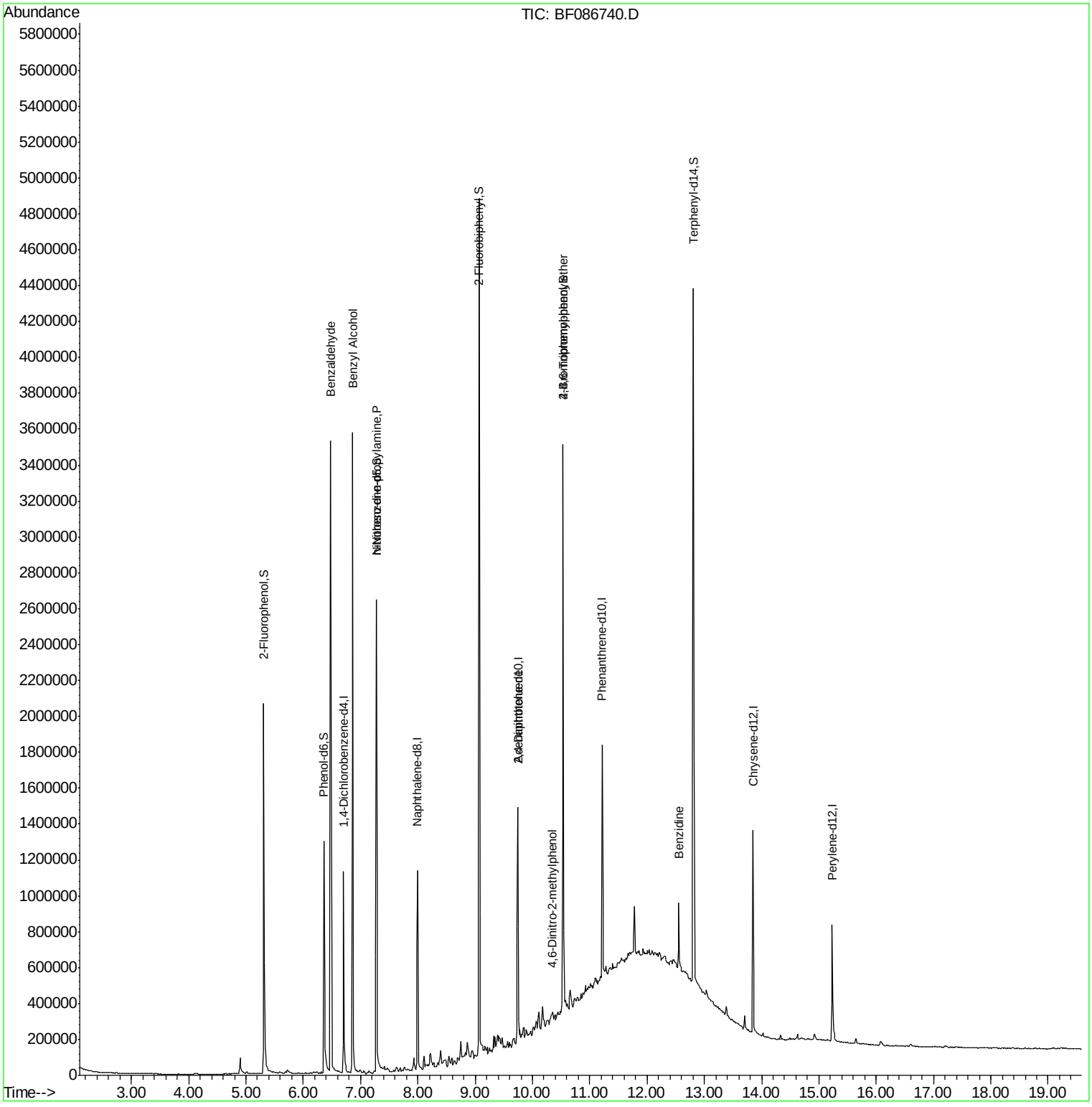
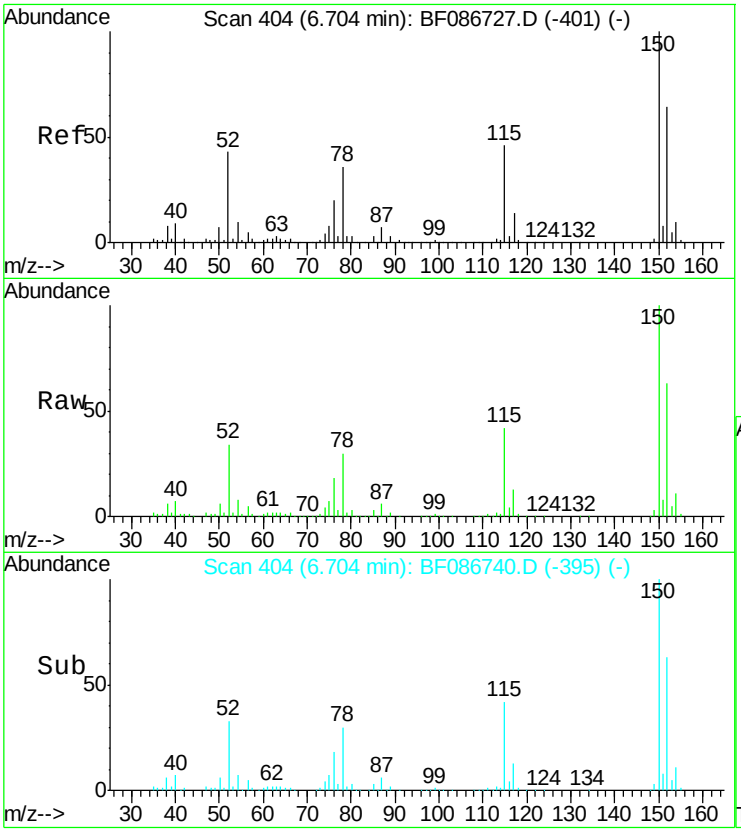


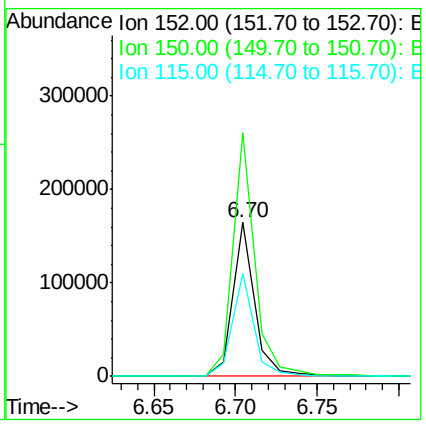


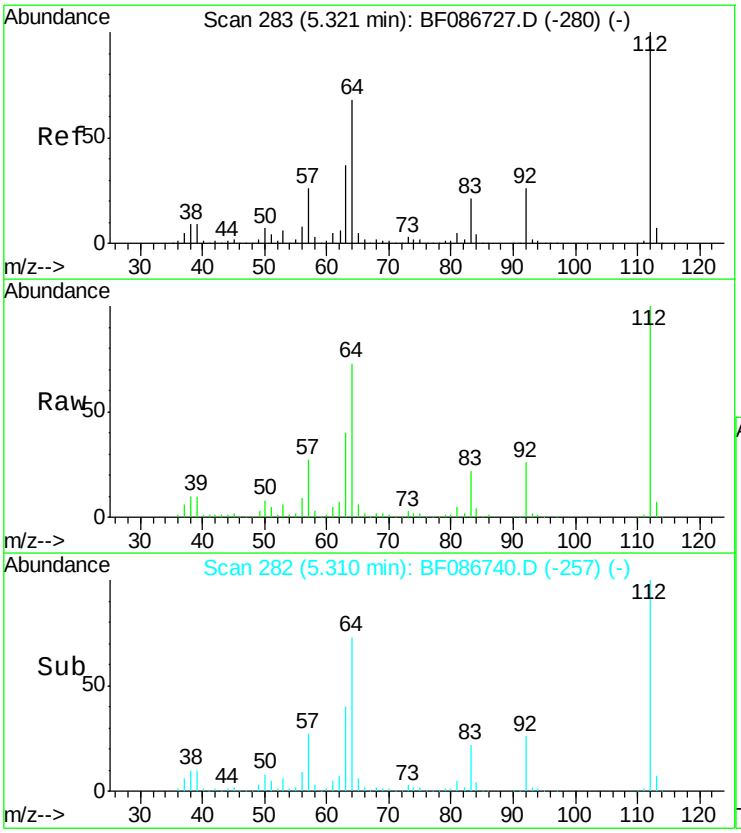
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151109

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.8	188.6
115	66.5	51.5	77.3

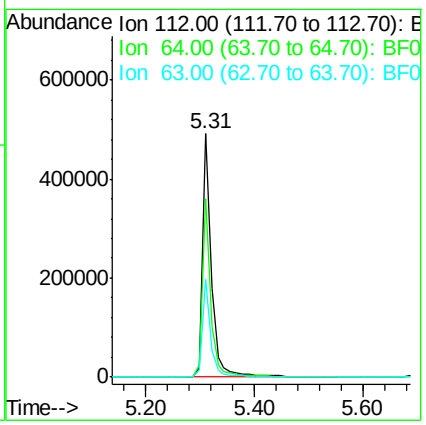


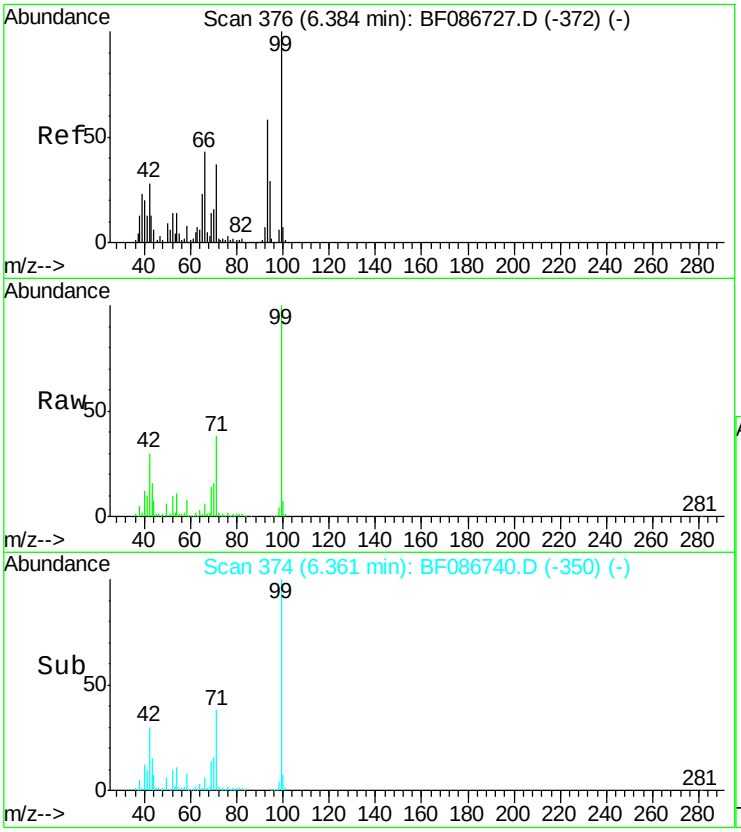


#5
2-Fluorophenol
Concen: 60.74 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Tgt Ion:112 Resp: 554416

Ion	Ratio	Lower	Upper
112	100		
64	73.1	52.1	78.1
63	40.1	25.7	38.5#



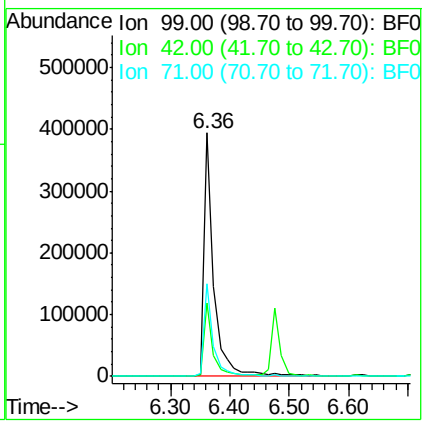


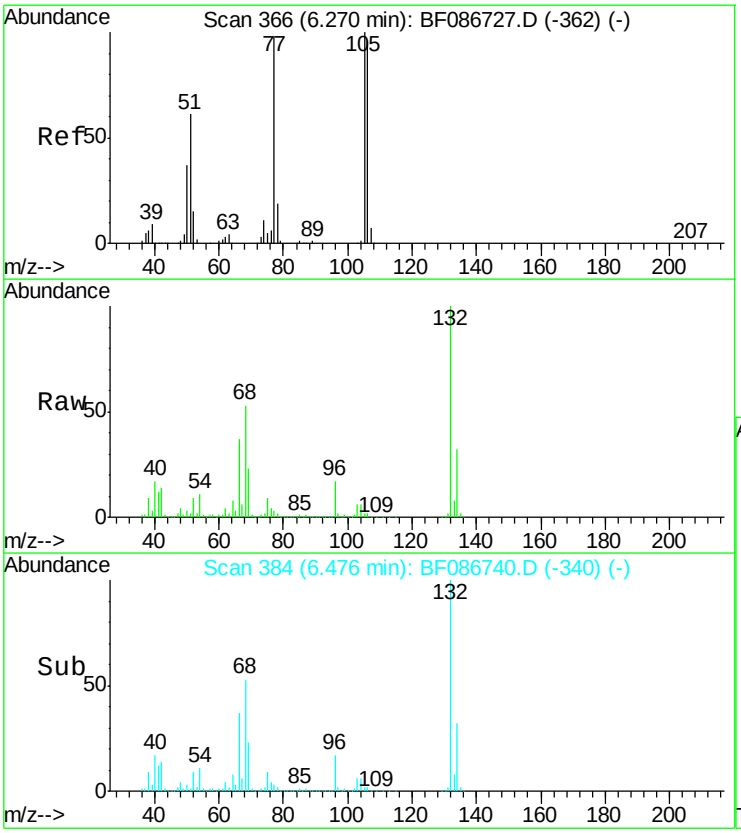
#7
Phenol-d6
Concen: 37.79 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.02 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 464625

Ion	Ratio	Lower	Upper
99	100		
42	30.0	13.6	20.4#
71	37.8	24.6	36.8#

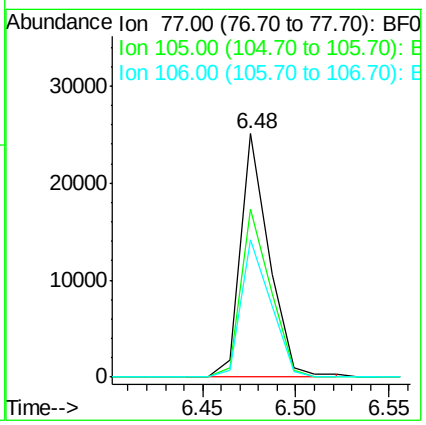


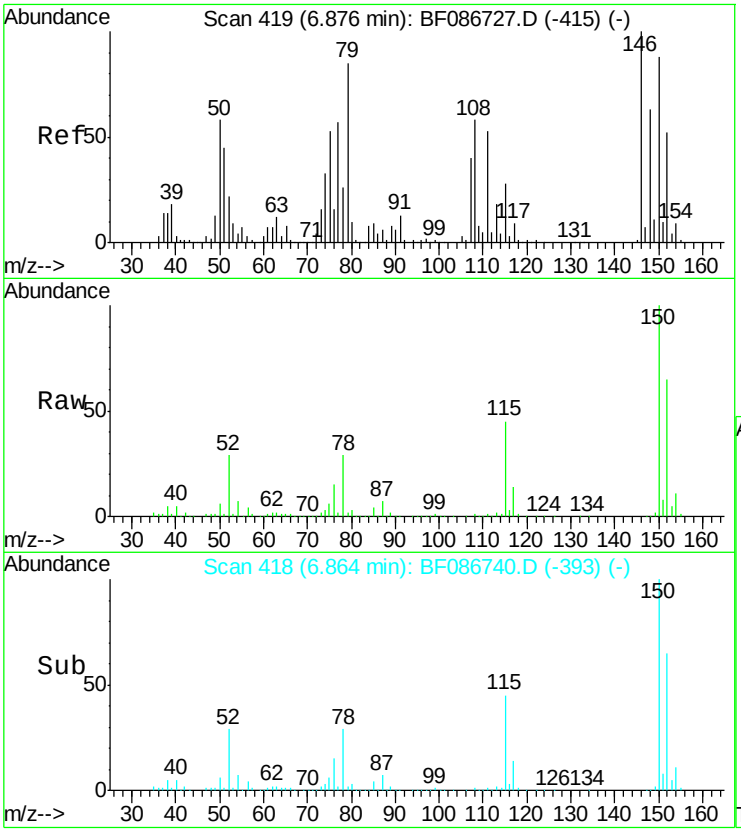


#9
Benzaldehyde
Concen: 4.35 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.21 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Tgt Ion: 77 Resp: 26691

Ion	Ratio	Lower	Upper
77	100		
105	69.1	72.7	112.7#
106	56.5	70.8	110.8#



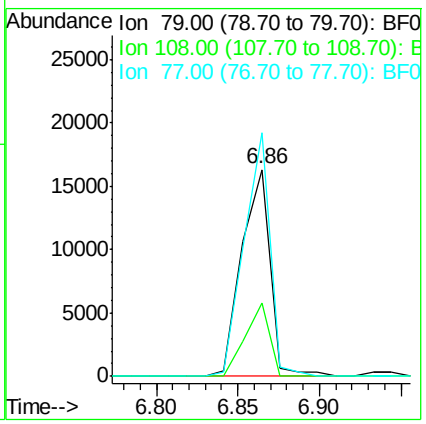


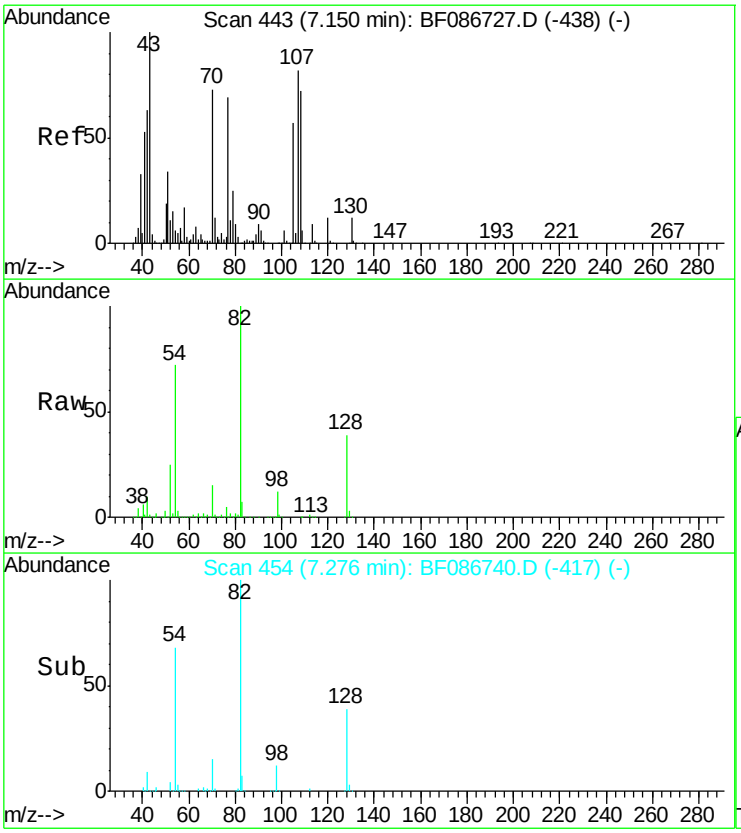
#15
Benzyl Alcohol
Concen: 2.48 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 19732

Ion	Ratio	Lower	Upper
79	100		
108	35.4	68.4	102.6#
77	117.8	50.6	76.0#

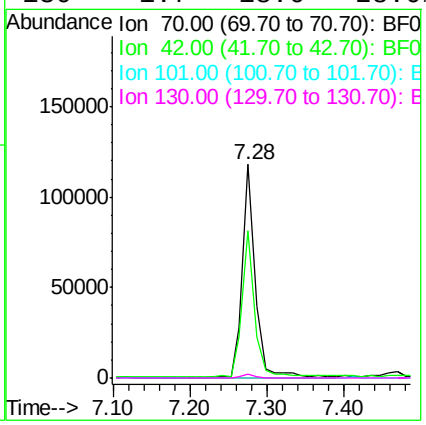


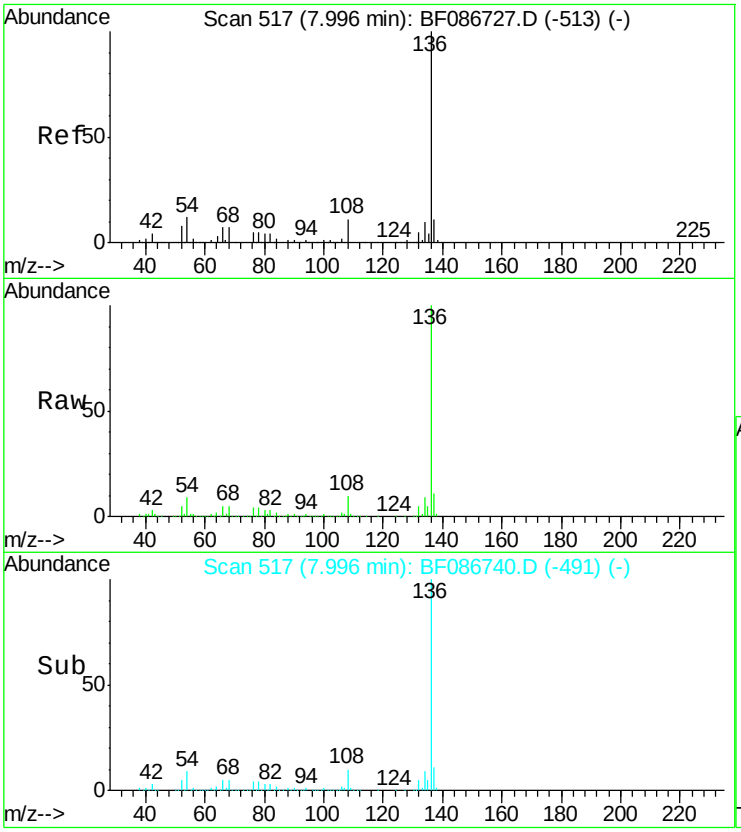


#19
n-Nitroso-di-n-propylamine
Concen: 16.88 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Tgt Ion: 70 Resp: 141774

Ion	Ratio	Lower	Upper
70	100		
42	69.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



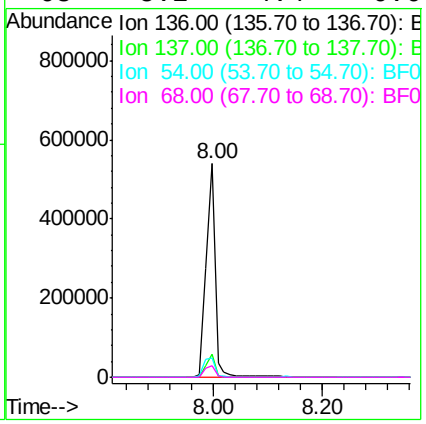


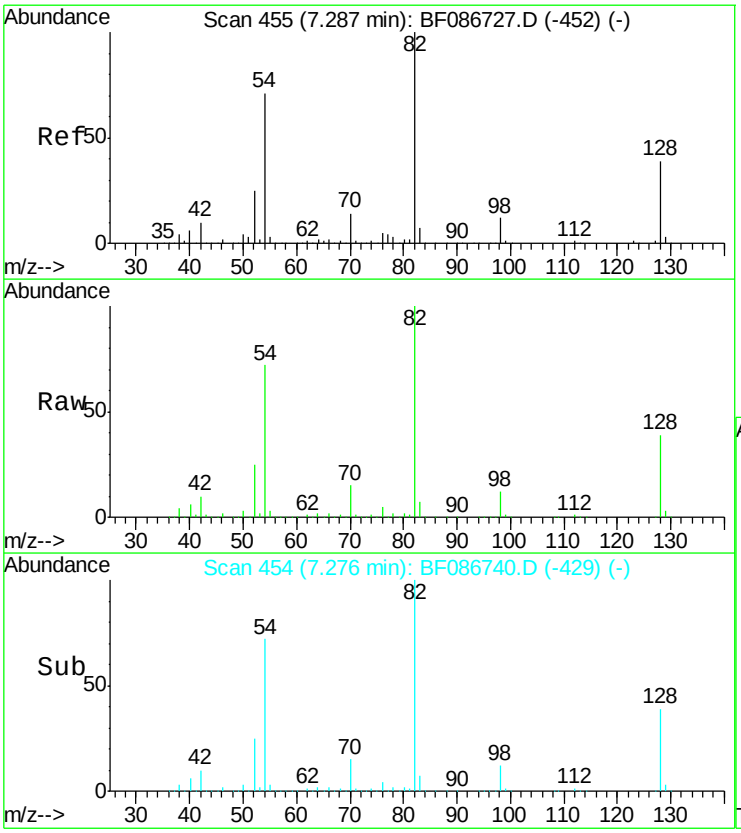
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 622146

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.1	5.0	7.4#
68	5.2	4.4	6.6

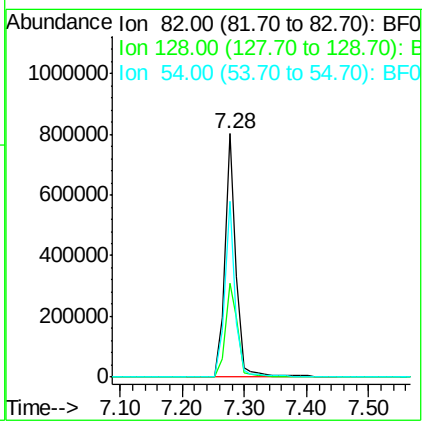


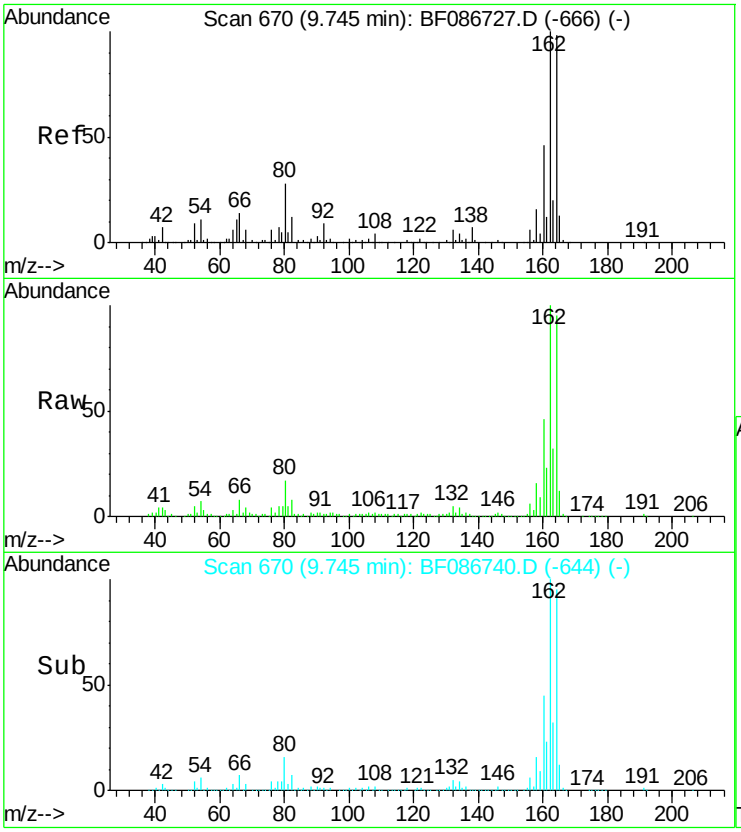


#23
Nitrobenzene-d5
Concen: 81.82 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Tgt Ion: 82 Resp: 990551

Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	72.4	38.1	57.1#



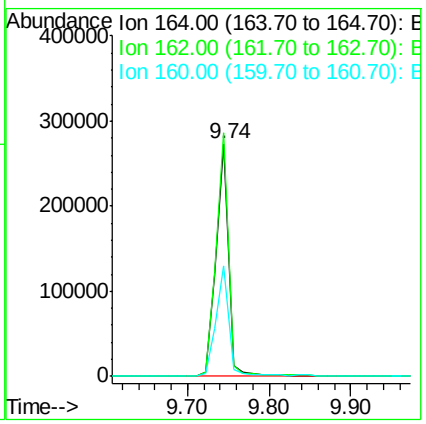


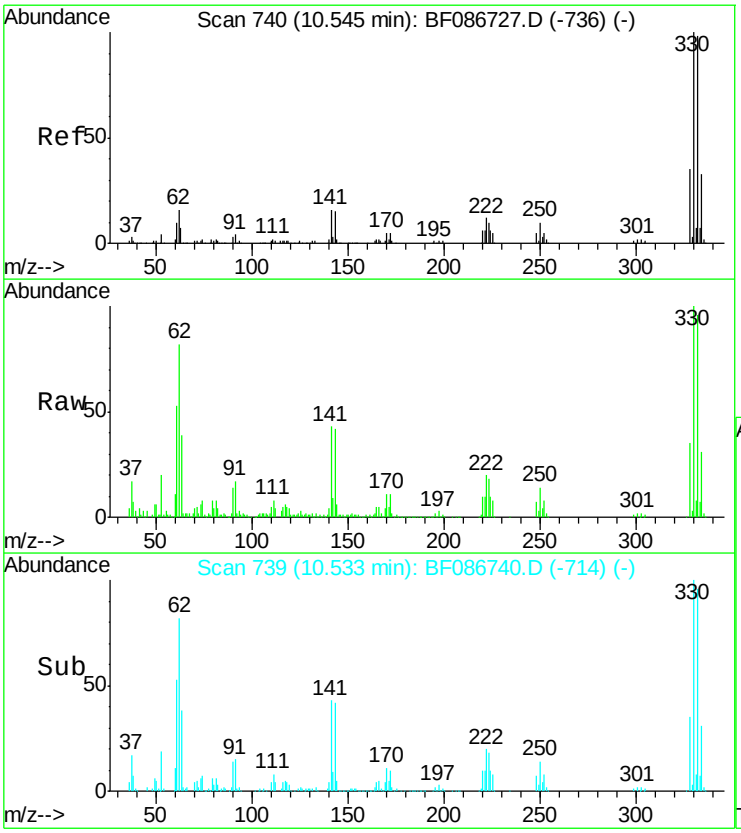
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 291172

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.8	124.2
160	47.7	36.9	55.3

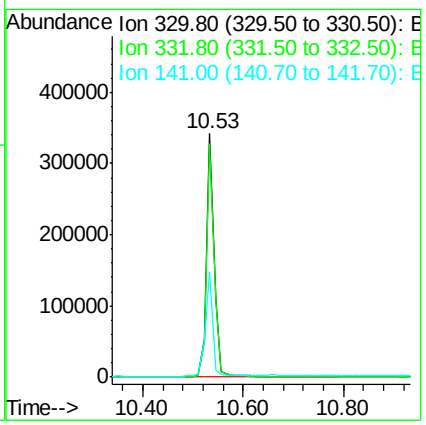


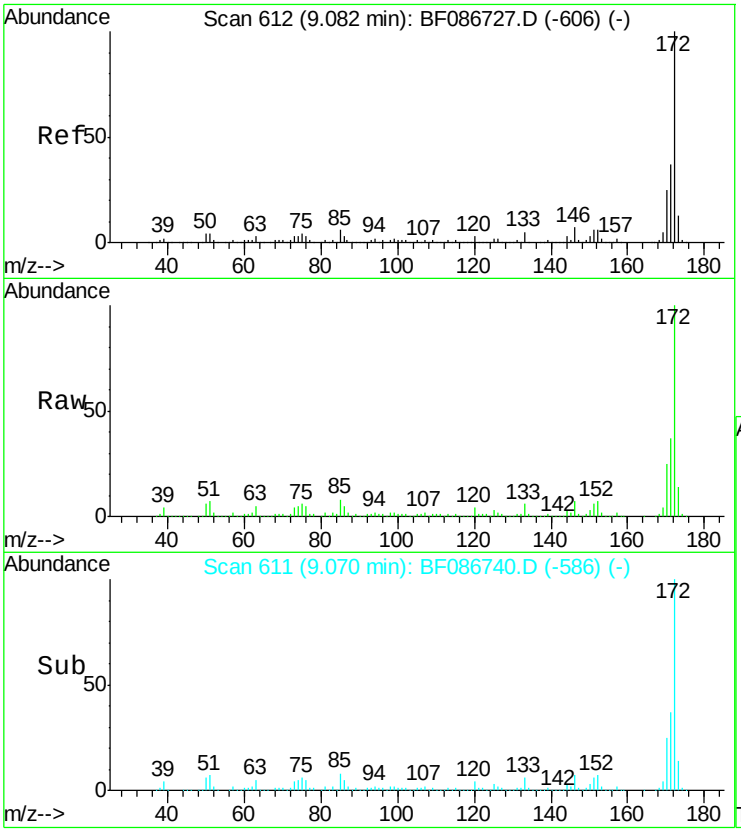


#41
2,4,6-Tribromophenol
Concen: 128.72 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Tgt Ion:330 Resp: 366634

Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.0	118.4
141	40.8	31.2	46.8



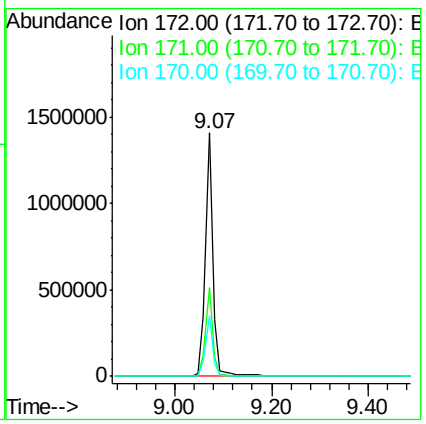


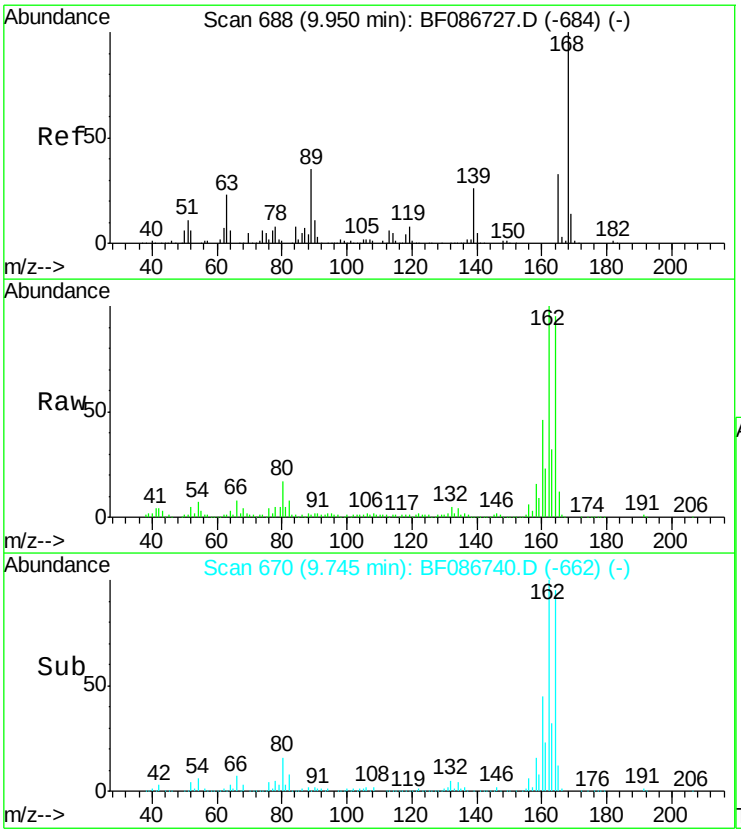
#44
2-Fluorobiphenyl
Concen: 86.95 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1544463

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	25.1	19.8	29.8

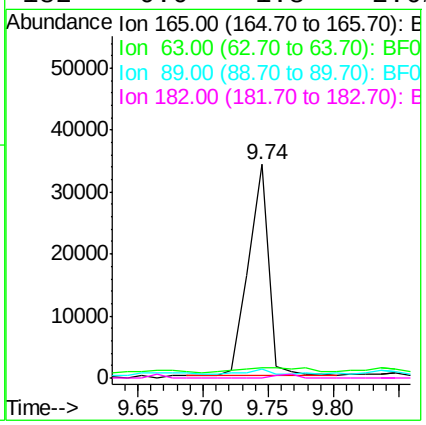


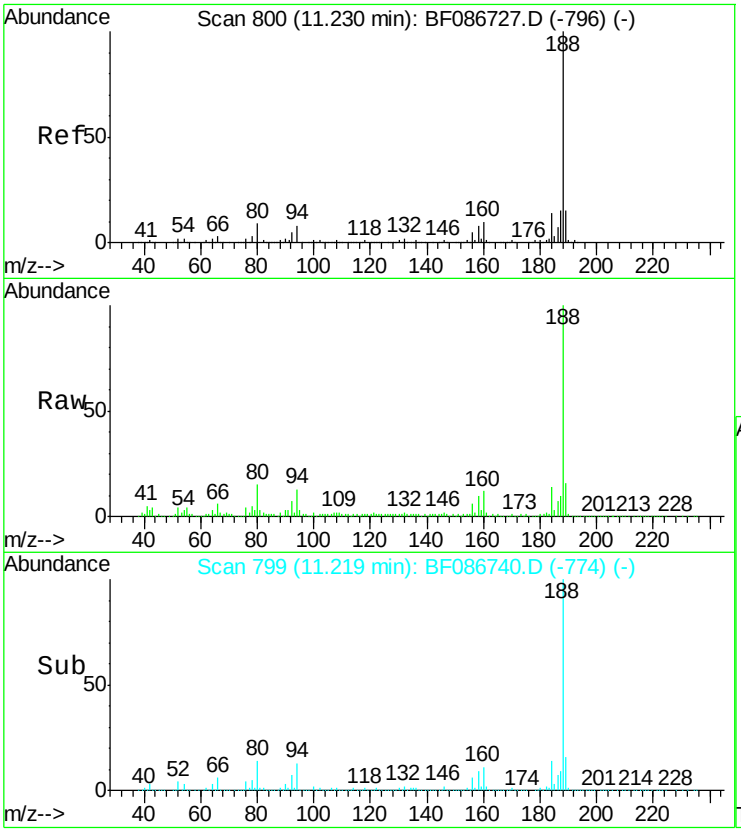


#56
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.21 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Tgt Ion:165 Resp: 36975

Ion	Ratio	Lower	Upper
165	100		
63	5.0	44.3	66.5#
89	4.2	70.0	105.0#
182	0.0	1.8	2.6#



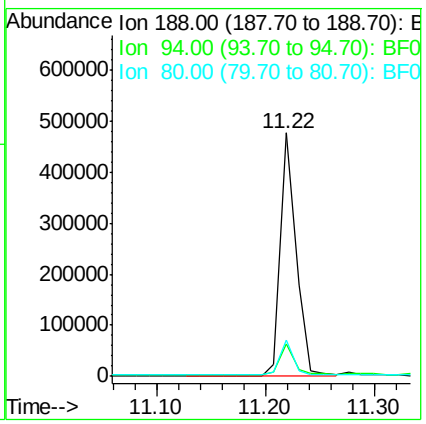


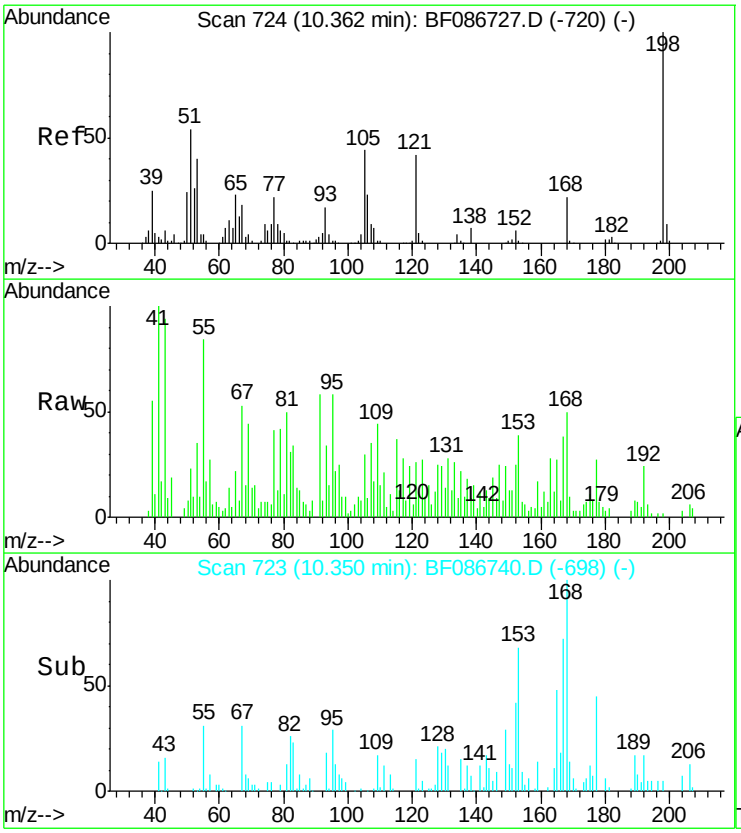
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 477595

Ion	Ratio	Lower	Upper
188	100		
94	13.4	6.8	10.2#
80	14.7	7.1	10.7#

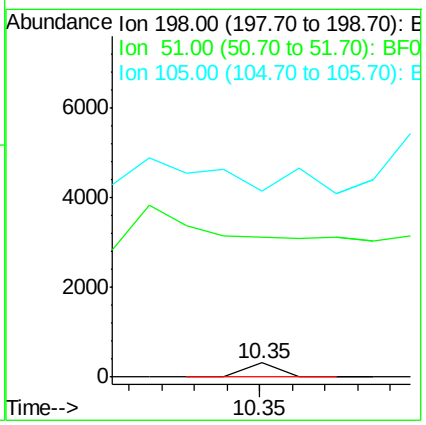


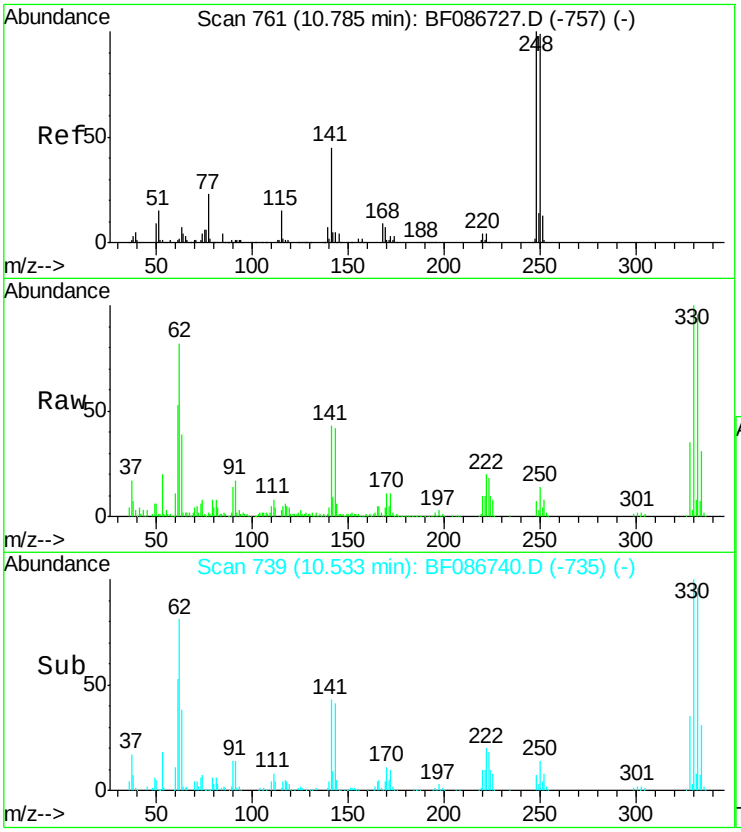


#64
4,6-Dinitro-2-methylphenol
Concen: 5.31 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Tgt Ion:198 Resp: 213

Ion	Ratio	Lower	Upper
198	100		
51	1004.5	20.5	60.5#
105	1331.8	24.5	64.5#



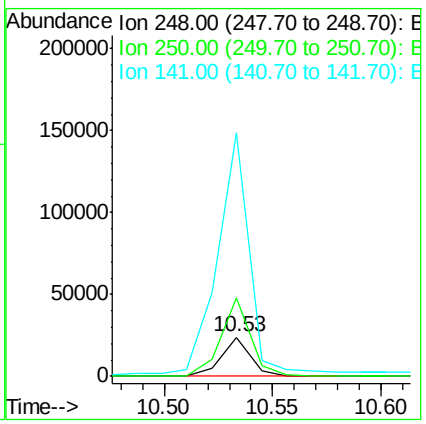


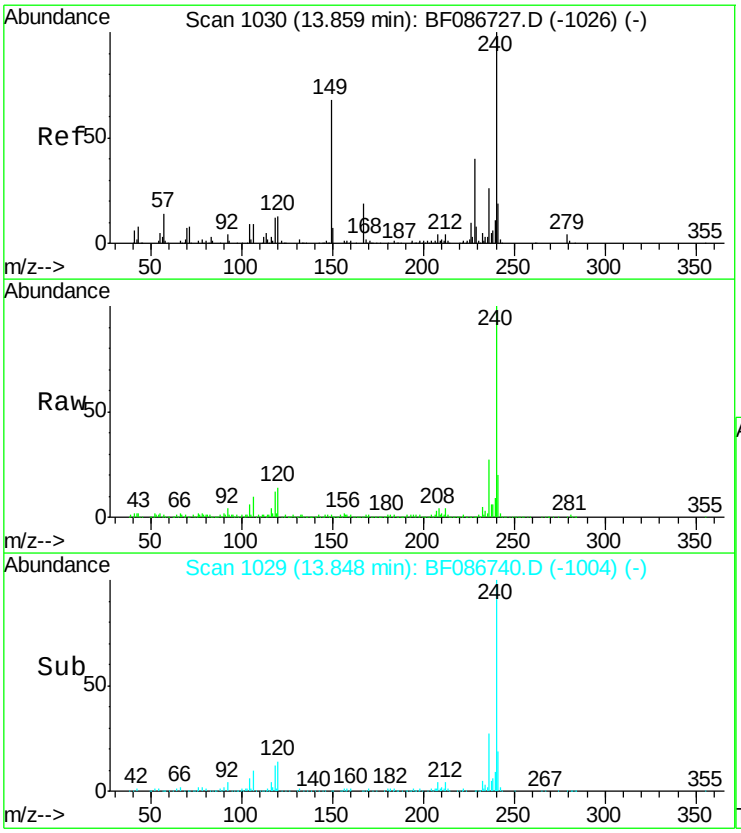
#66
4-Bromophenyl-phenylether
Concen: 4.73 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 22431

Ion	Ratio	Lower	Upper
248	100		
250	199.9	78.6	117.8#
141	618.0	76.0	114.0#

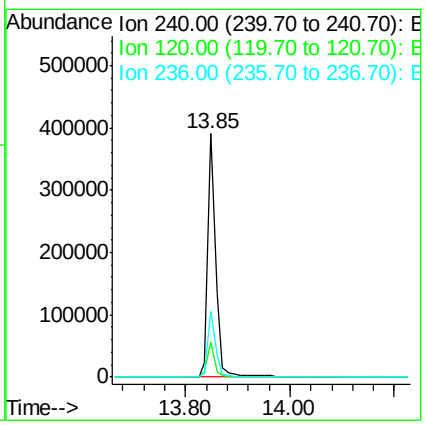


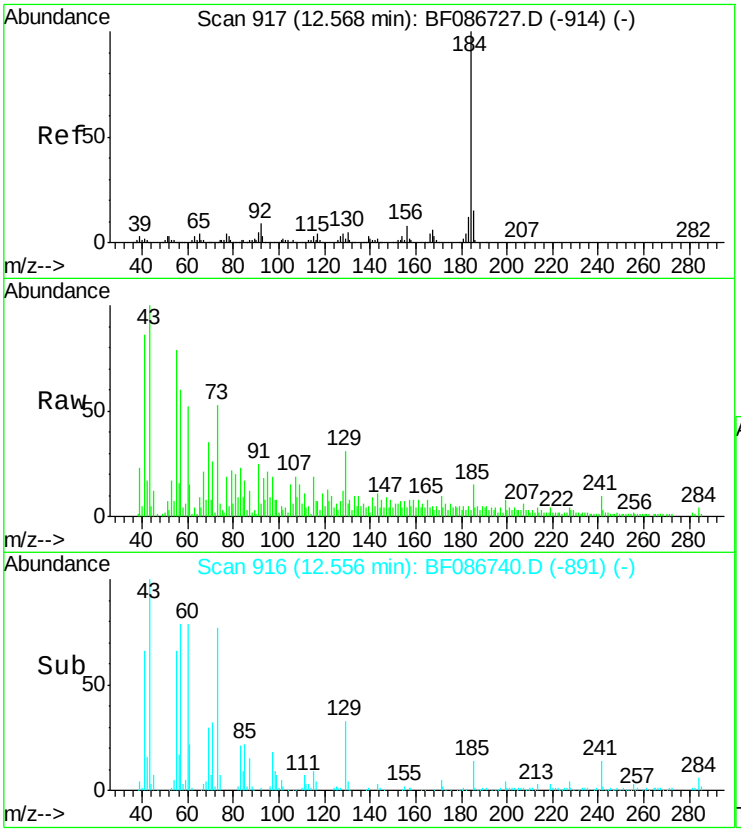


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Tgt Ion:240 Resp: 407786

Ion	Ratio	Lower	Upper
240	100		
120	14.3	11.2	16.8
236	26.8	21.2	31.8



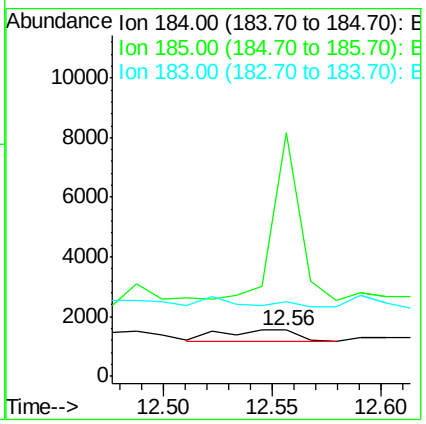


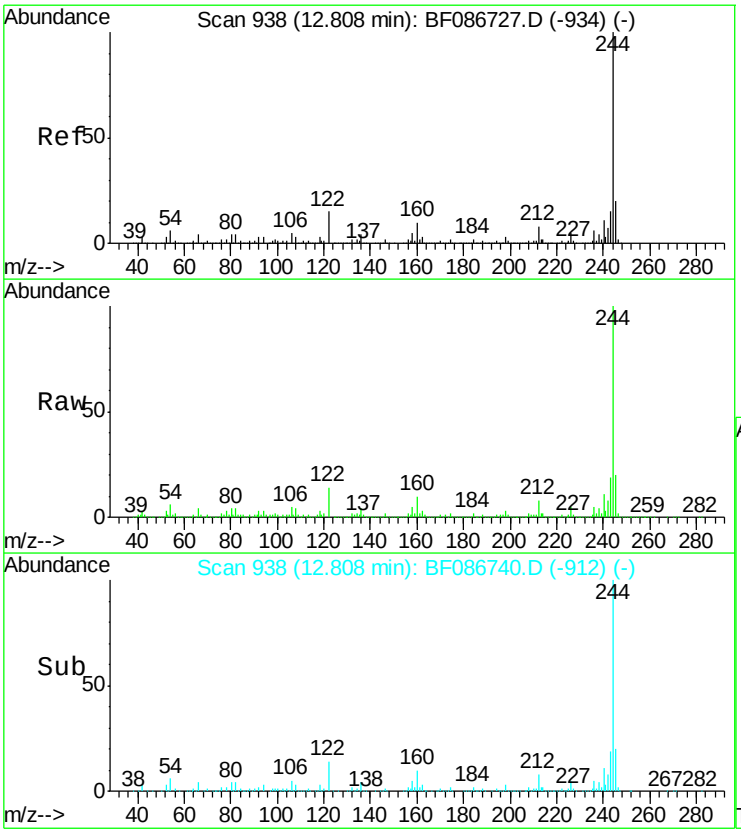
#76
Benzidine
Concen: 7.16 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 933

Ion	Ratio	Lower	Upper
184	100		
185	526.8	13.6	20.4#
183	162.6	9.8	14.6#

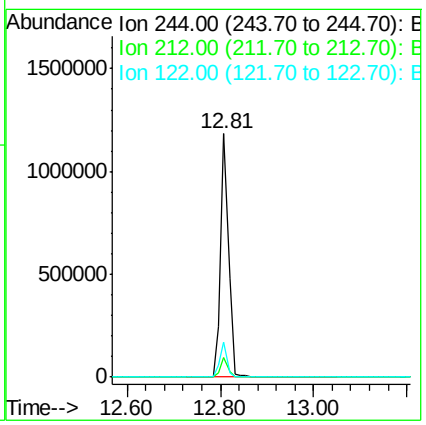


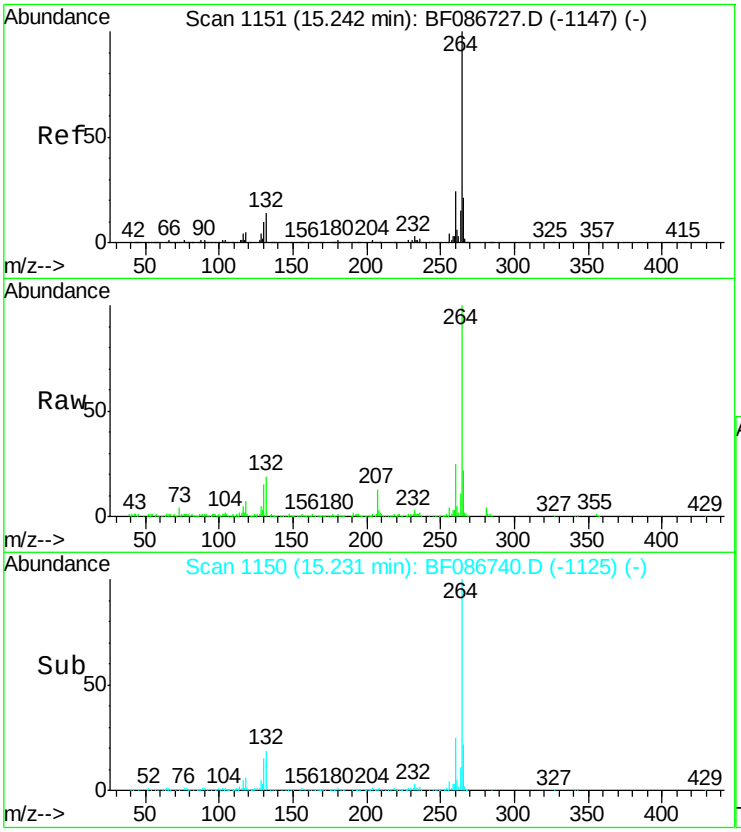


#78
Terphenyl-d14
Concen: 67.07 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF086740.D
Acq: 6 May 2016 22:57

Tgt Ion:244 Resp: 1353338

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.5	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: BF086740.D
Acq: 6 May 2016 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 287577

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	17.3	25.9