Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
Data File : BF087263.D
Acq On : 21 May 2016 10:35
Operator : UM/SJ
Sample : H3151-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SED-5-0-2

Quant Time: May 23 00:58:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	121942	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	532547	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	271910	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	493475	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	337087	20.00	ng	-0.07
86) Perylene-d12	15.04	264	240044	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	968736	133.53	ng	-0.06
7) Phenol-d6	6.23	99	1204078	123.75	ng	-0.06
23) Nitrobenzene-d5	7.13	82	817460	76.50	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	315075	104.86	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1501317	91.44	ng	-0.06
78) Terphenyl-d14	12.65	244	1318046	88.45	ng	-0.06
Target Compounds						Qvalue
15) Benzyl Alcohol	6.71	79	14715	2.03	ng	# 44
19) n-Nitroso-di-n-propylamine	7.13	70	115083	15.56	ng	# 72
25) Isophorone	7.13	82	782562	40.01	ng	# 68
49) Dimethylphthalate	9.32	163	285233	13.75	ng	99
56) 2,4-Dinitrotoluene	9.59	165	33957	5.89	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	20185	3.98	ng	# 1
76) Benzidine	12.65	184	20699	2.59	ng	# 95

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

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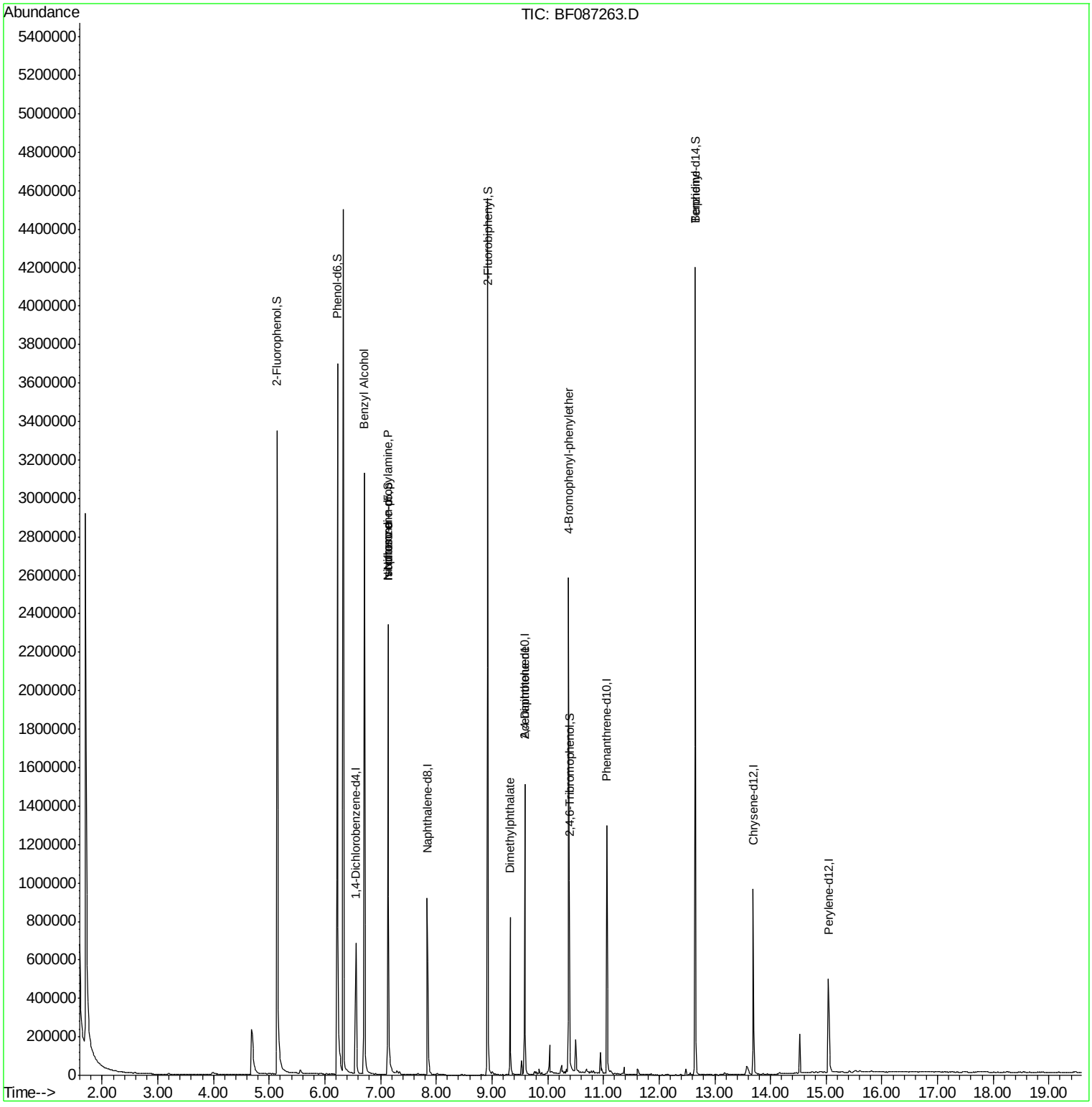
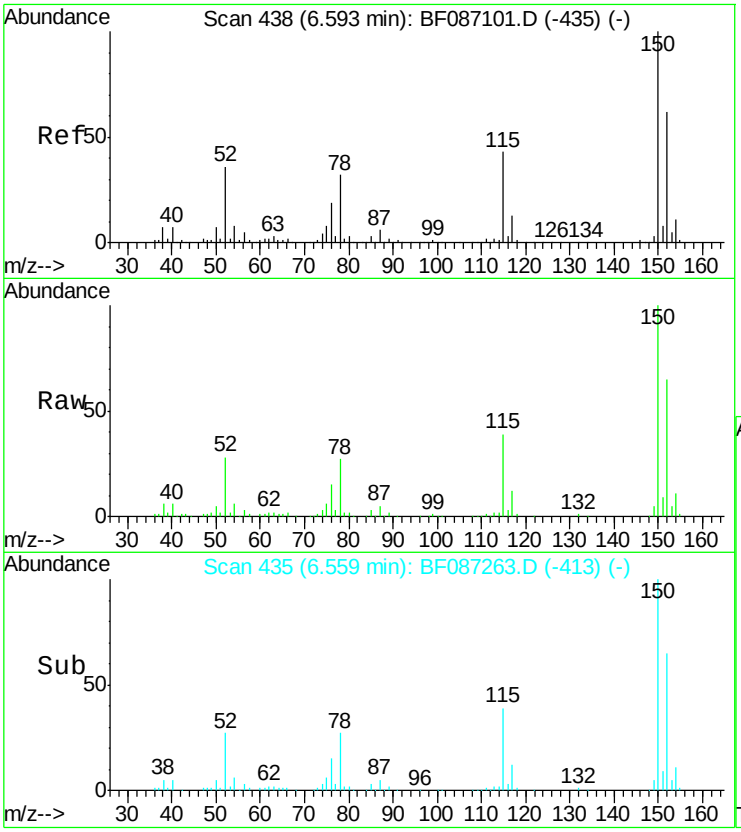


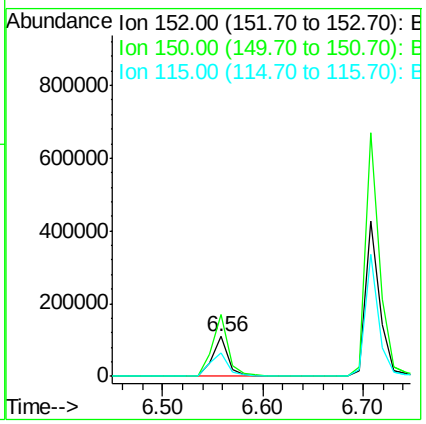


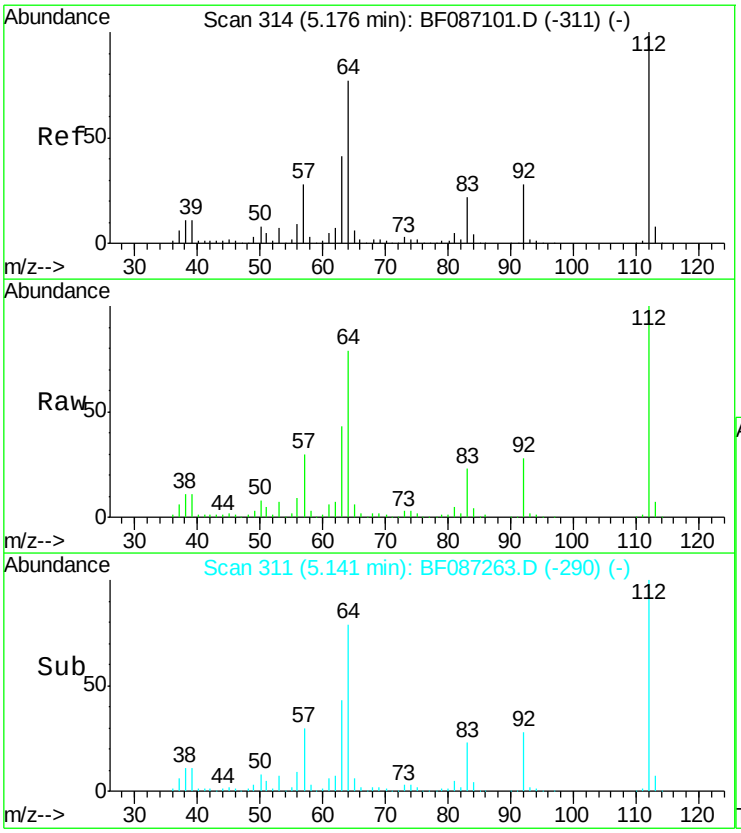
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion:152 Resp: 121942

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.8	188.6
115	59.8	51.5	77.3

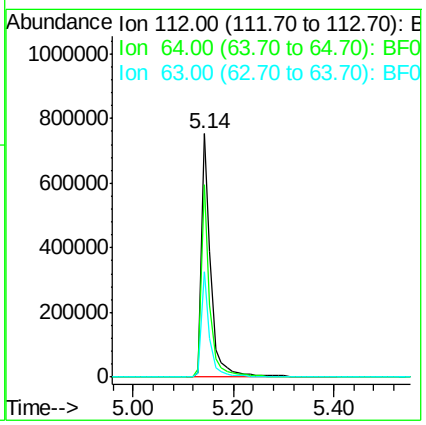


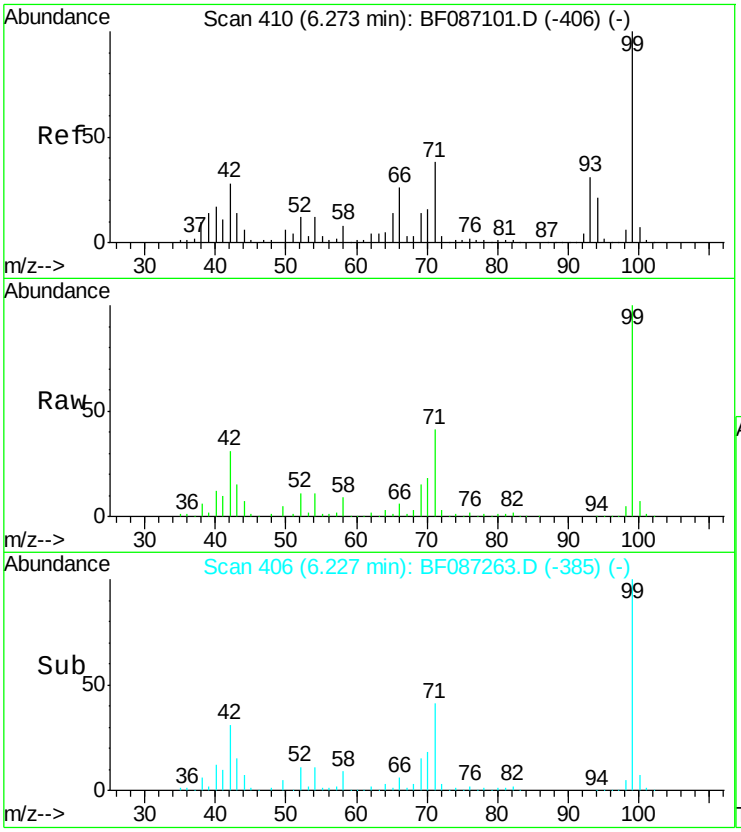


#5
2-Fluorophenol
Concen: 133.53 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.06 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Tgt Ion:112 Resp: 968736

Ion	Ratio	Lower	Upper
112	100		
64	78.8	52.1	78.1#
63	43.1	25.7	38.5#



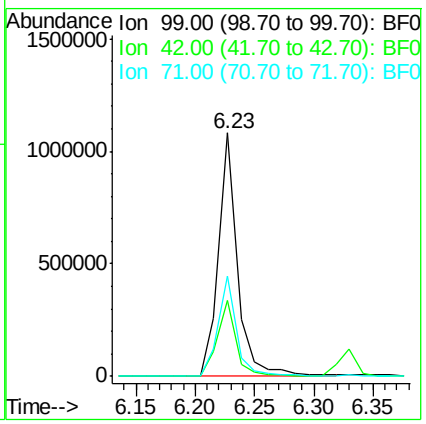


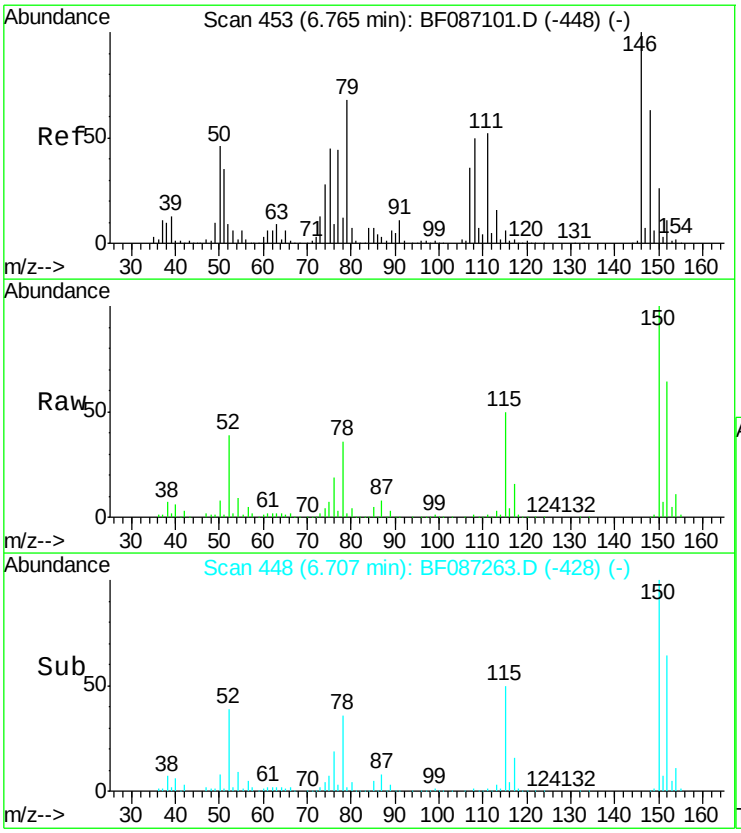
#7
Phenol-d6
Concen: 123.75 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion: 99 Resp: 1204078

Ion	Ratio	Lower	Upper
99	100		
42	31.0	13.6	20.4#
71	41.3	24.6	36.8#

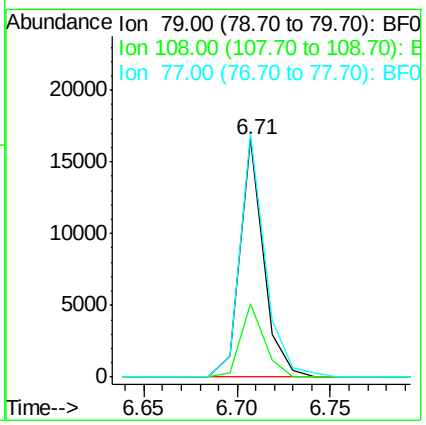


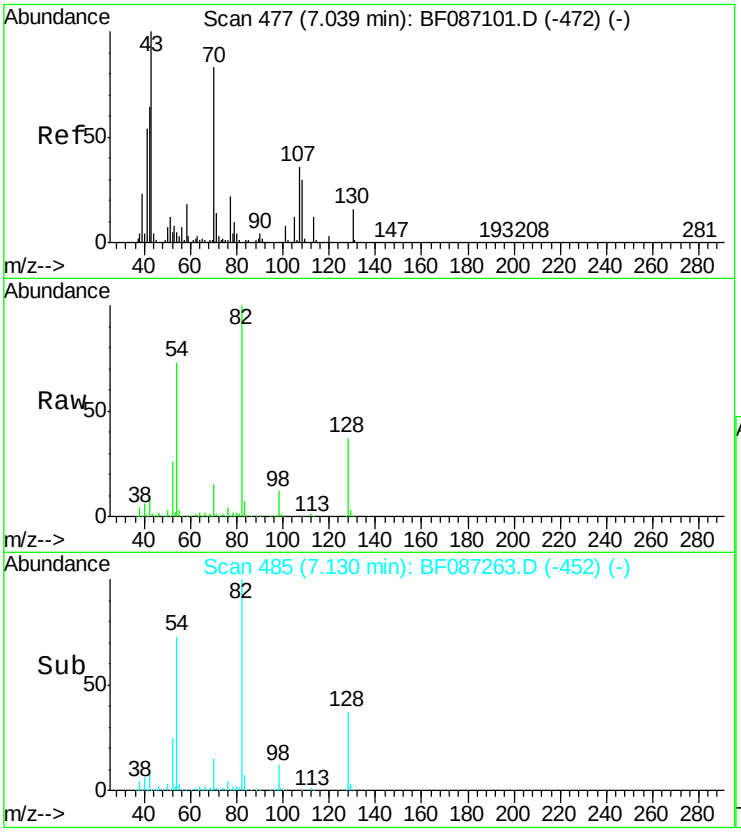


#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.07 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Tgt Ion: 79 Resp: 14715

Ion	Ratio	Lower	Upper
79	100		
108	30.6	68.4	102.6#
77	102.1	50.6	76.0#



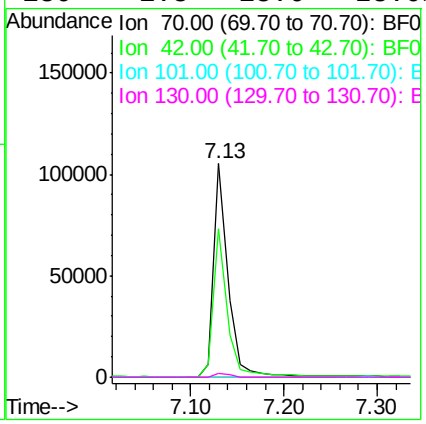


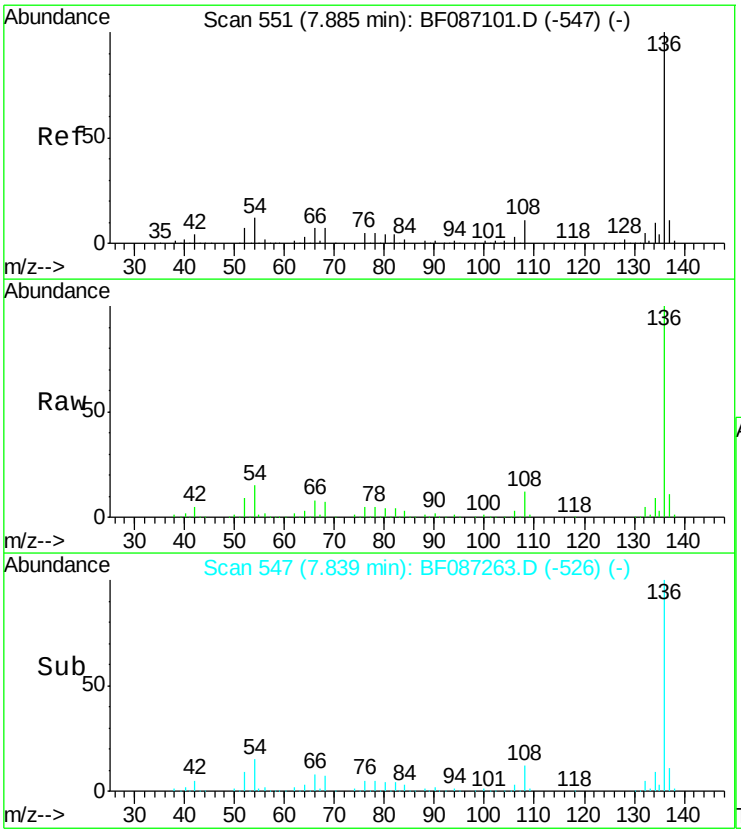
#19
n-Nitroso-di-n-propylamine
Concen: 15.56 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.08 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion: 70 Resp: 115083

Ion	Ratio	Lower	Upper
70	100		
42	69.3	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#

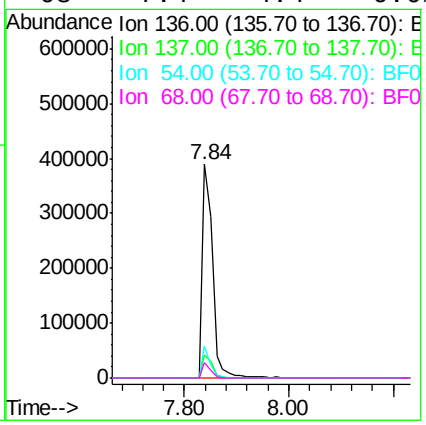


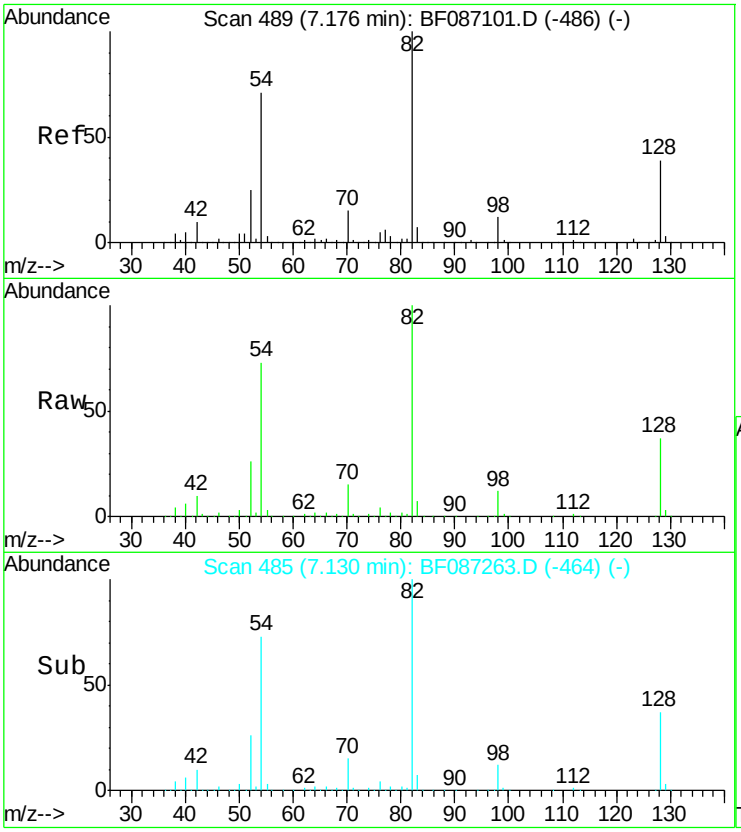


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Tgt Ion:136 Resp: 532547

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	15.2	5.0	7.4#
68	7.4	4.4	6.6#



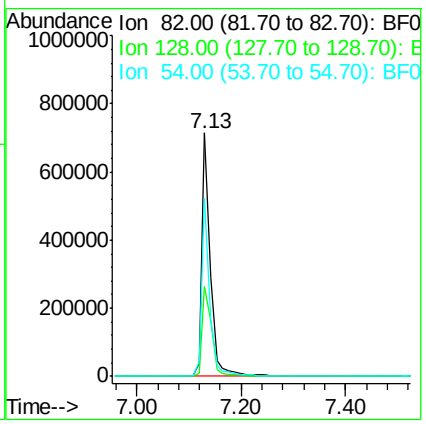


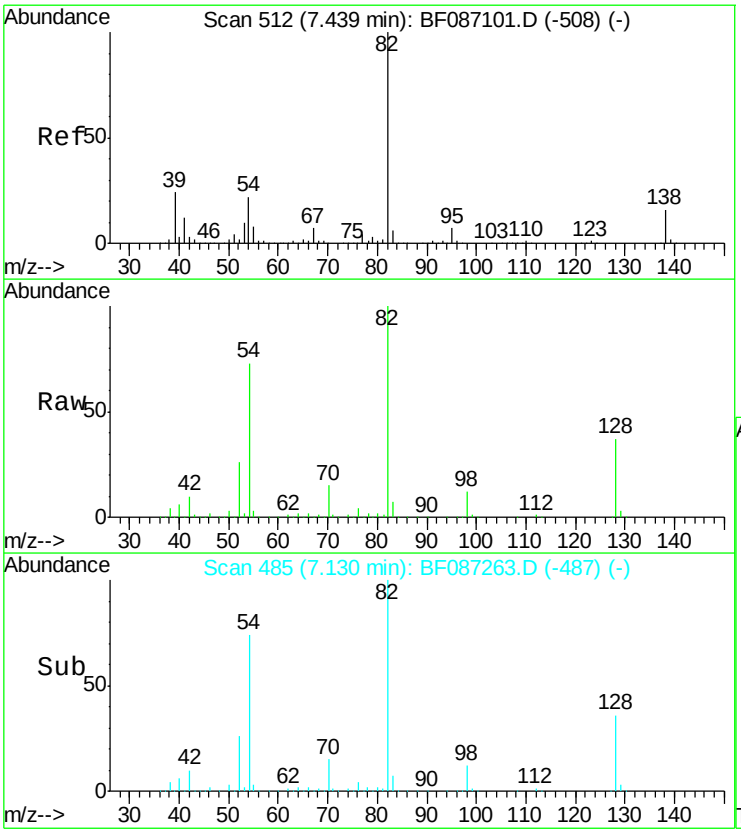
#23
Nitrobenzene-d5
Concen: 76.50 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion: 82 Resp: 817460

Ion	Ratio	Lower	Upper
82	100		
128	36.7	40.6	61.0#
54	73.2	38.1	57.1#

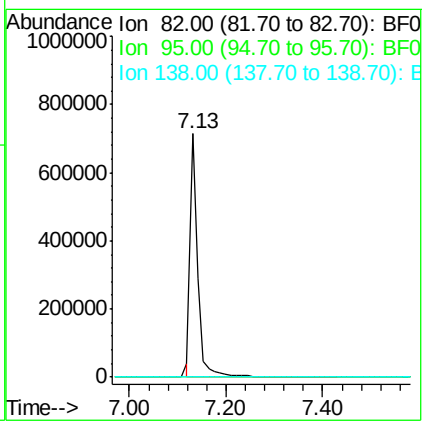


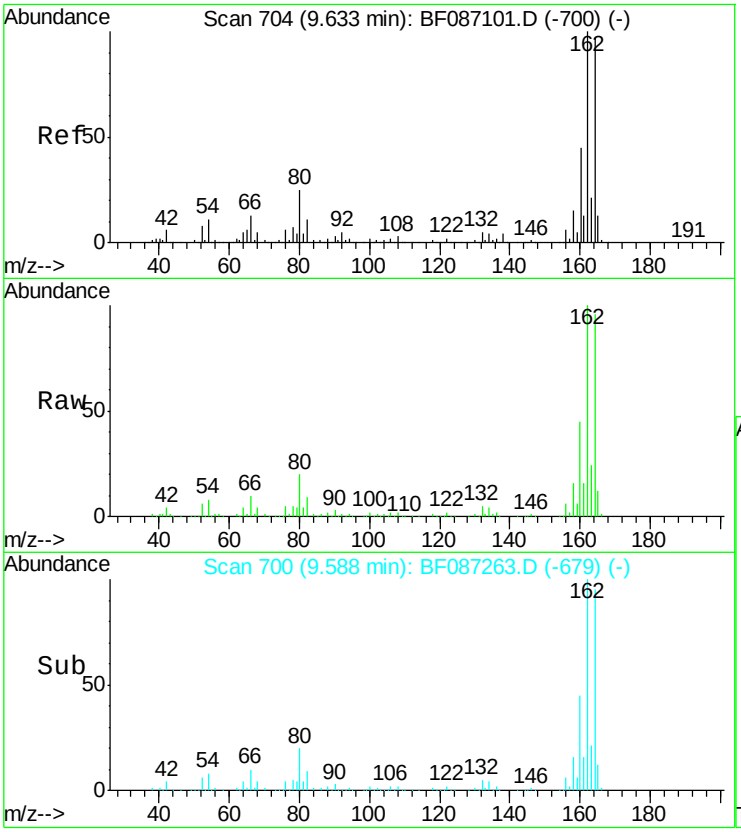


#25
Isophorone
Concen: 40.01 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.32 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Tgt Ion: 82 Resp: 782562

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



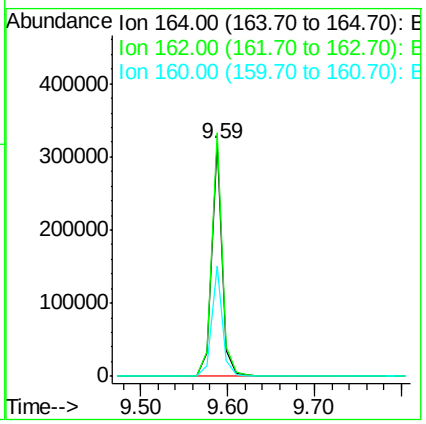


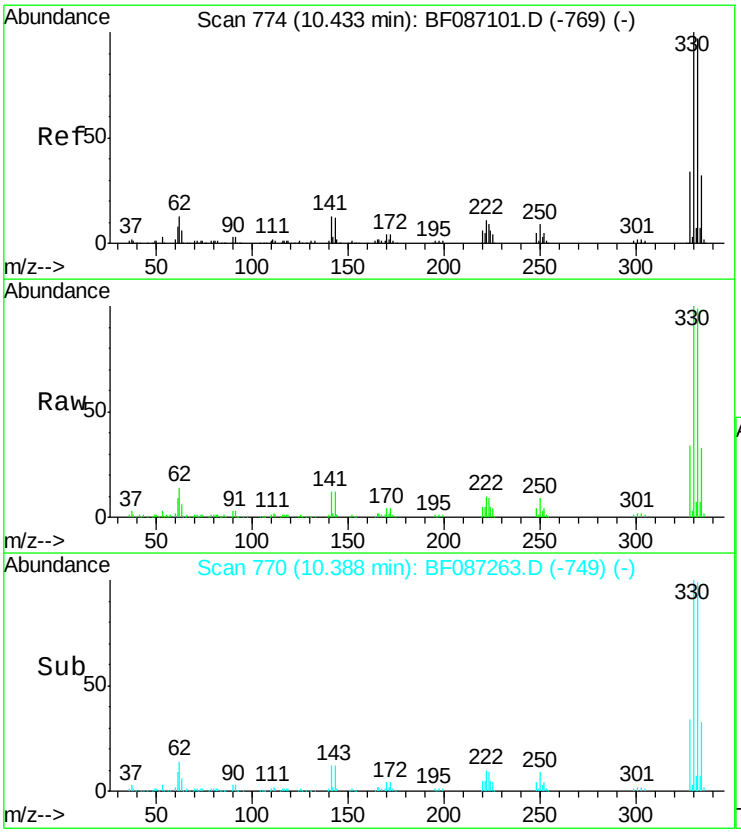
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion:164 Resp: 271910

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.8	124.2
160	47.3	36.9	55.3

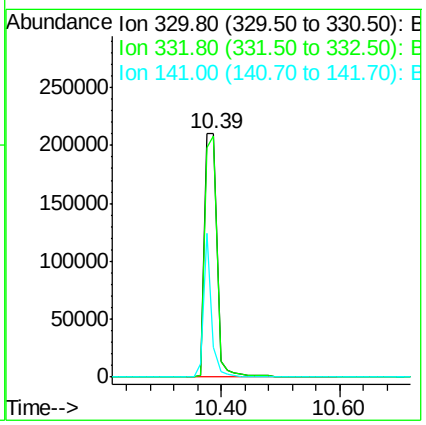


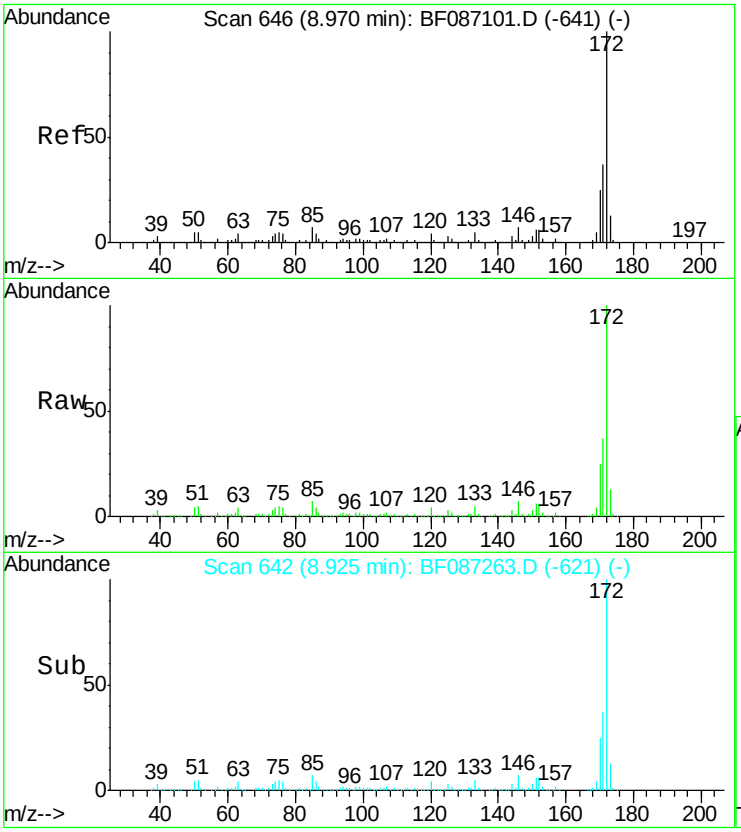


#41
2,4,6-Tribromophenol
Concen: 104.86 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.06 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Tgt Ion:330 Resp: 315075

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	37.9	31.2	46.8



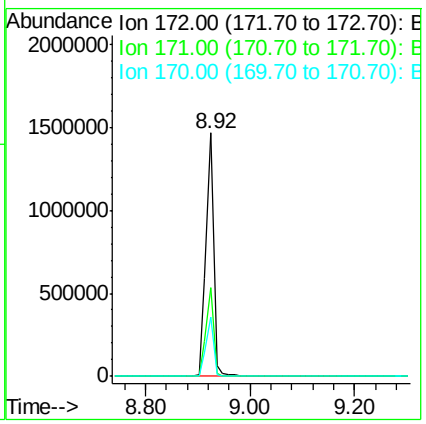


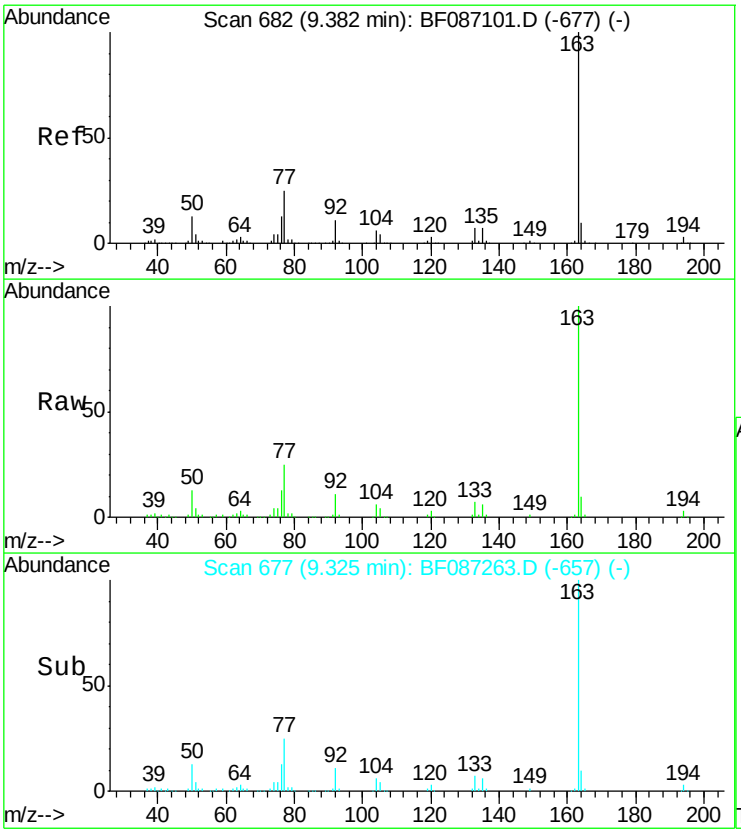
#44
2-Fluorobiphenyl
Concen: 91.44 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.06 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion:172 Resp: 1501317

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.5	19.8	29.8

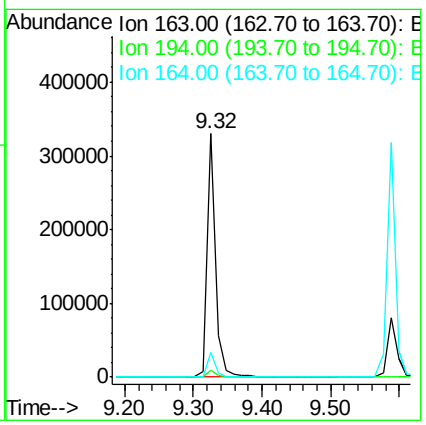


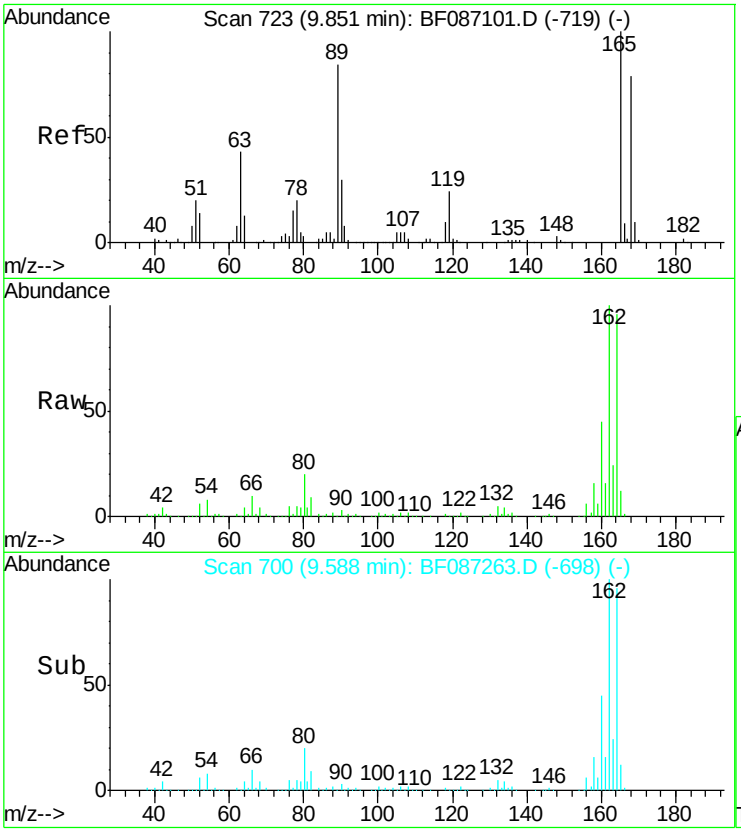


#49
Dimethylphthalate
Concen: 13.75 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Tgt Ion:163 Resp: 285233

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.1	8.2	12.4



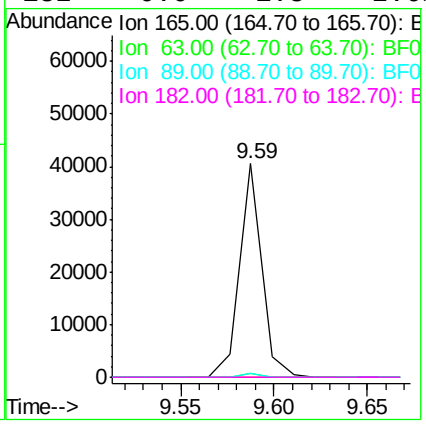


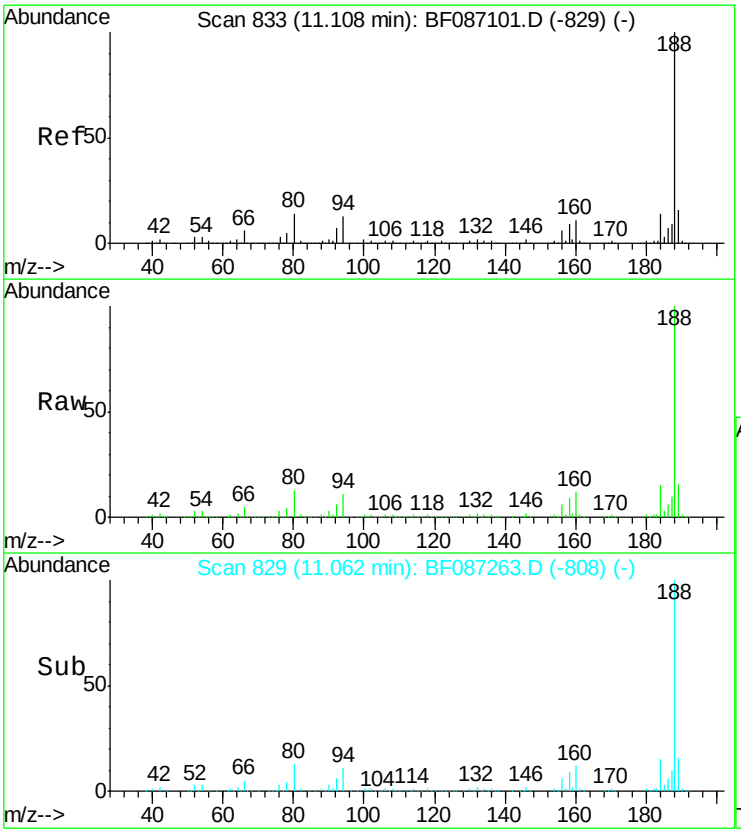
#56
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.27 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion:165 Resp: 33957

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

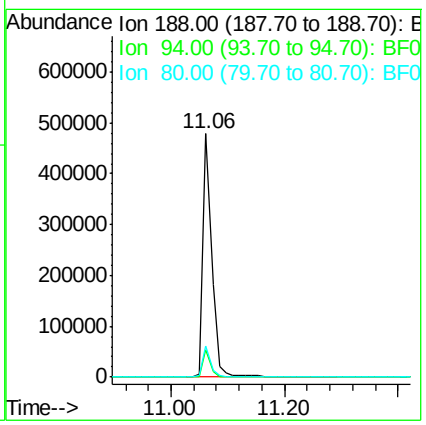


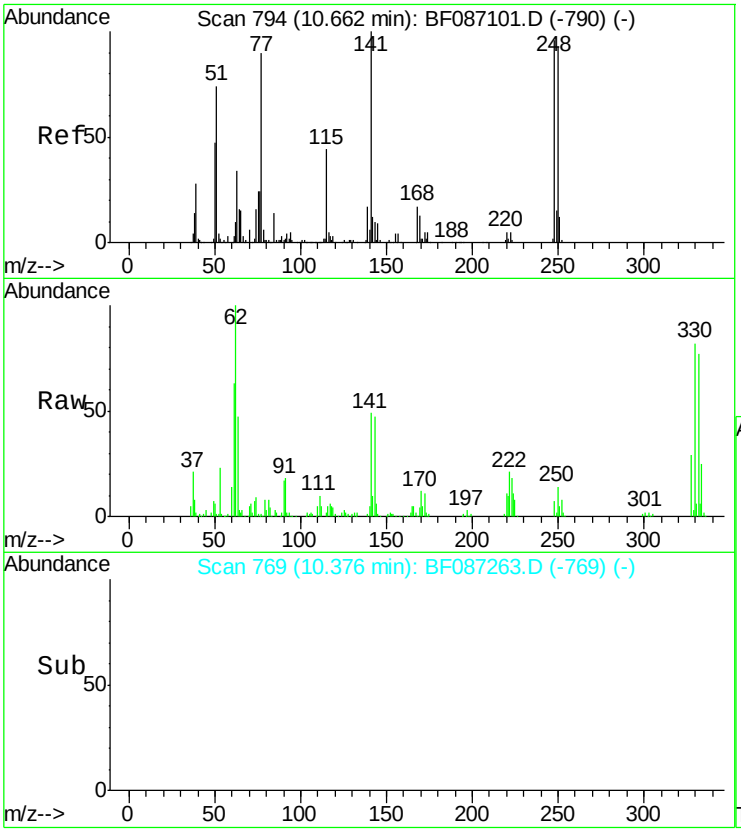


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Tgt Ion:188 Resp: 493475

Ion	Ratio	Lower	Upper
188	100		
94	11.2	6.8	10.2#
80	12.7	7.1	10.7#



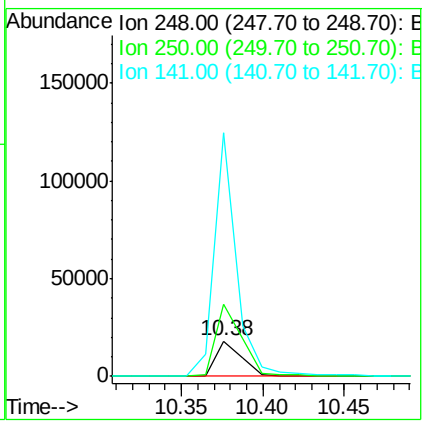


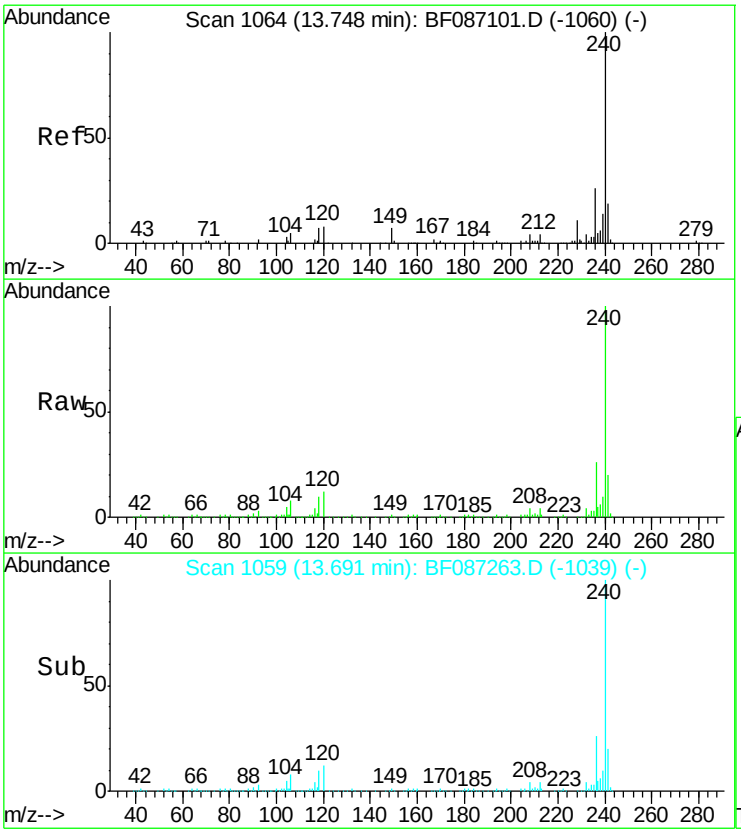
#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion:248 Resp: 20185

Ion	Ratio	Lower	Upper
248	100		
250	205.2	78.6	117.8#
141	689.3	76.0	114.0#

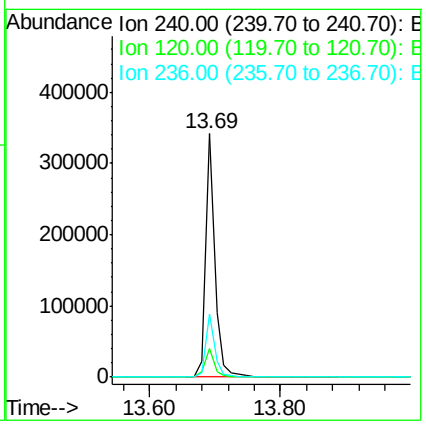


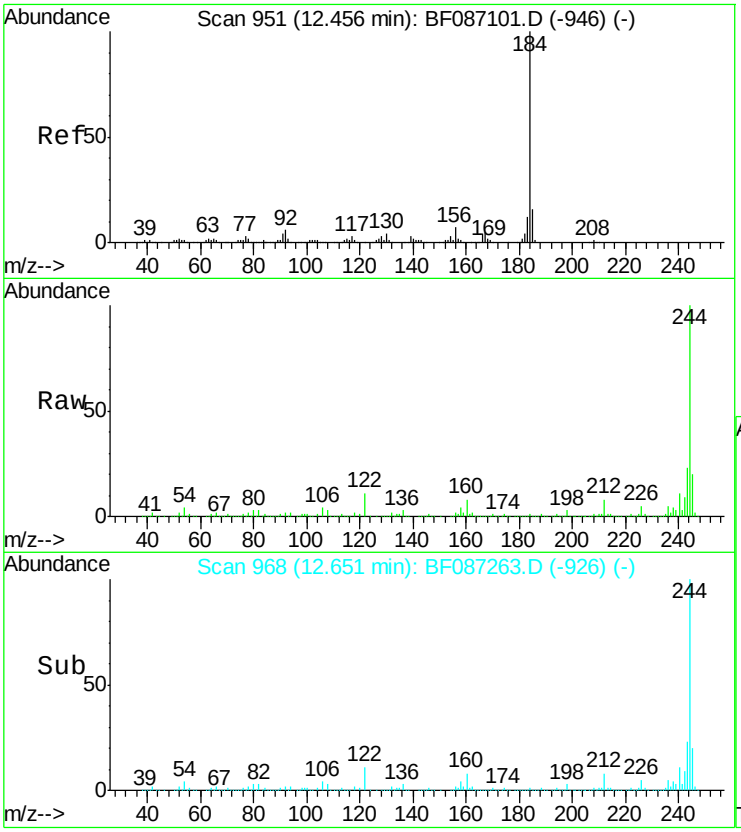


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.07 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Tgt Ion:240 Resp: 337087

Ion	Ratio	Lower	Upper
240	100		
120	11.9	11.2	16.8
236	26.0	21.2	31.8



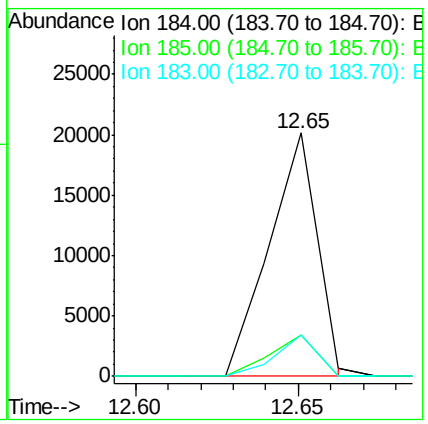


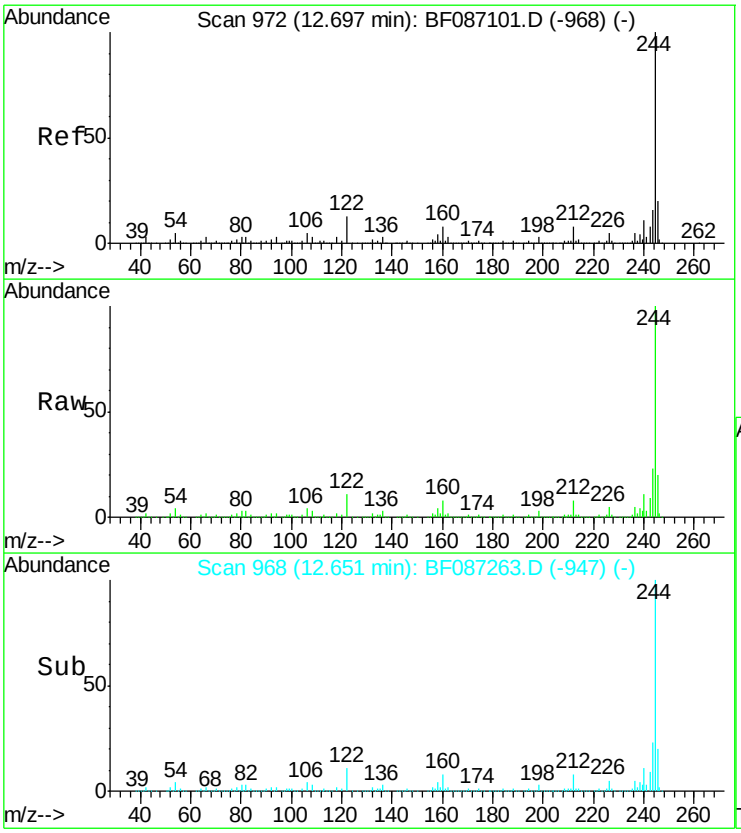
#76
Benzidine
Concen: 2.59 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.18 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion:184 Resp: 20699

Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.6	20.4
183	16.8	9.8	14.6#

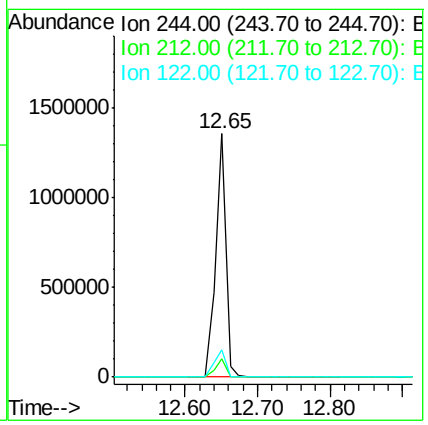


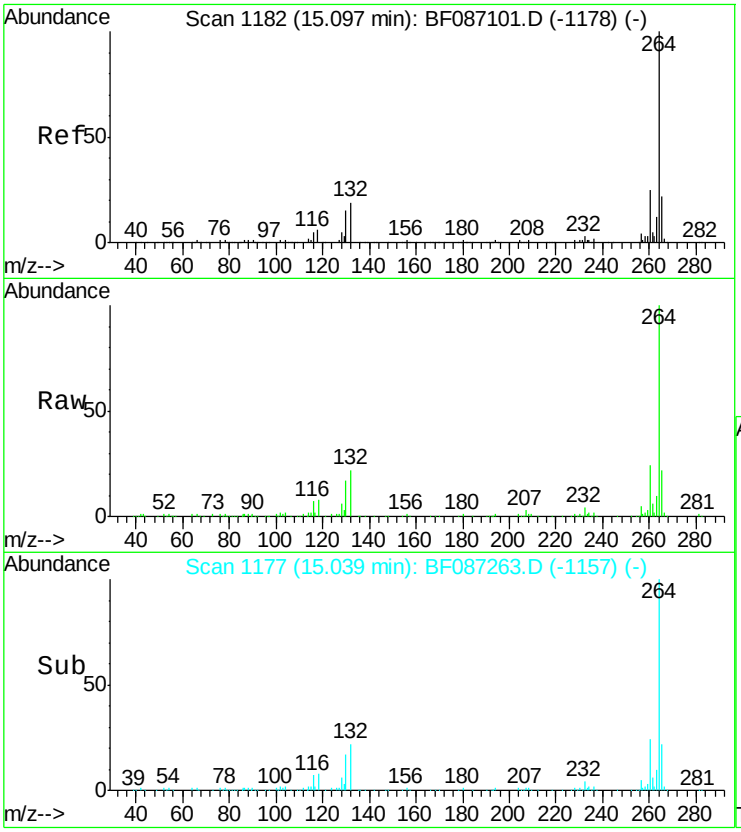


#78
Terphenyl-d14
Concen: 88.45 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.06 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Tgt Ion:244 Resp: 1318046

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.5	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF087263.D
Acq: 21 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :
SED-5-0-2

Tgt Ion:264 Resp: 240044

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.6	17.3	25.9