Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086519.D
Acq On : 30 Apr 2016 13:05
Operator : UM/SJ
Sample : PB90129BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 01 01:19:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	130482	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	582290	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	284389	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	552434	20.00	ng	0.00
75) Chrysene-d12	13.92	240	507792	20.00	ng	0.00
86) Perylene-d12	15.31	264	385572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	881794	116.57	ng	0.01
7) Phenol-d6	6.41	99	1244613	117.88	ng	0.00
23) Nitrobenzene-d5	7.33	82	758891	70.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	281185	93.76	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1178779	69.57	ng	-0.01
78) Terphenyl-d14	12.86	244	1270370	55.12	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	99515	14.26	ng	# 78
50) 2,6-Dinitrotoluene	9.80	165	34825	7.87	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	34828	6.18	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	17105	3.00	ng	# 1

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

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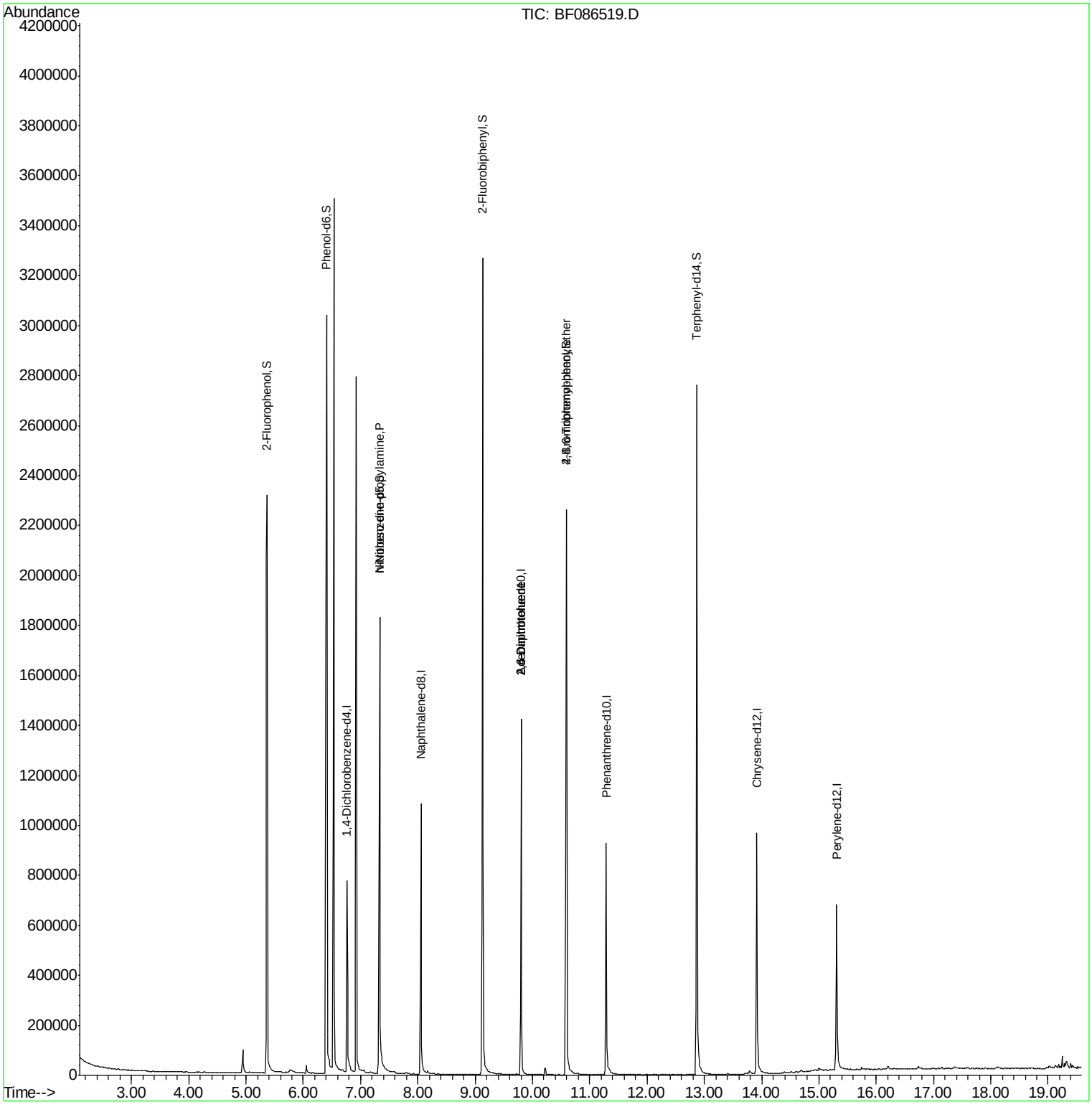
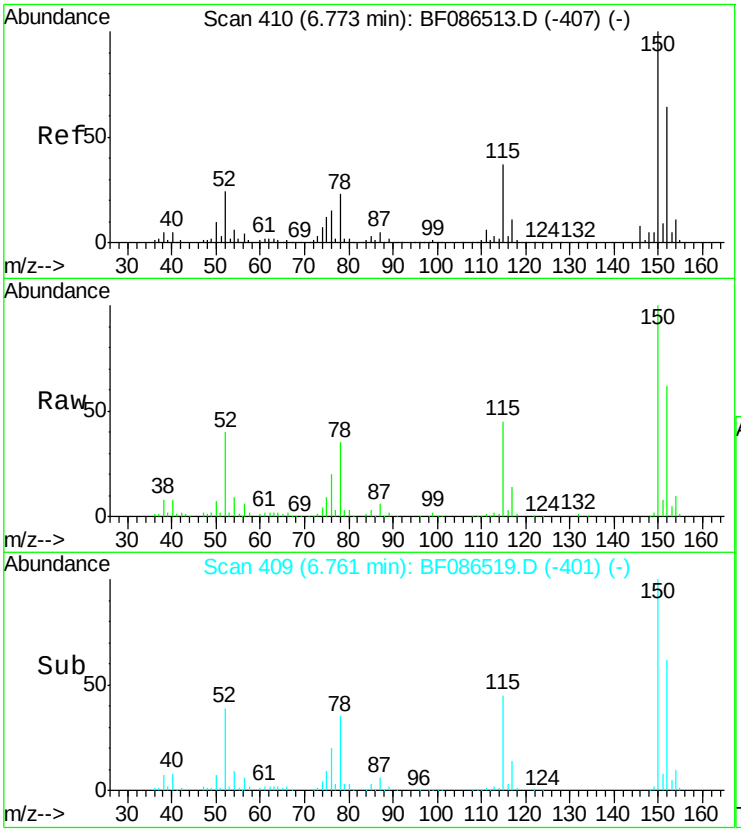


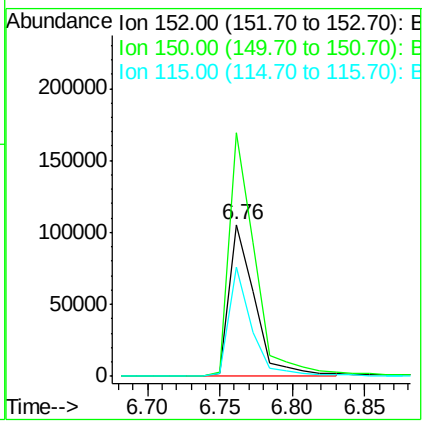


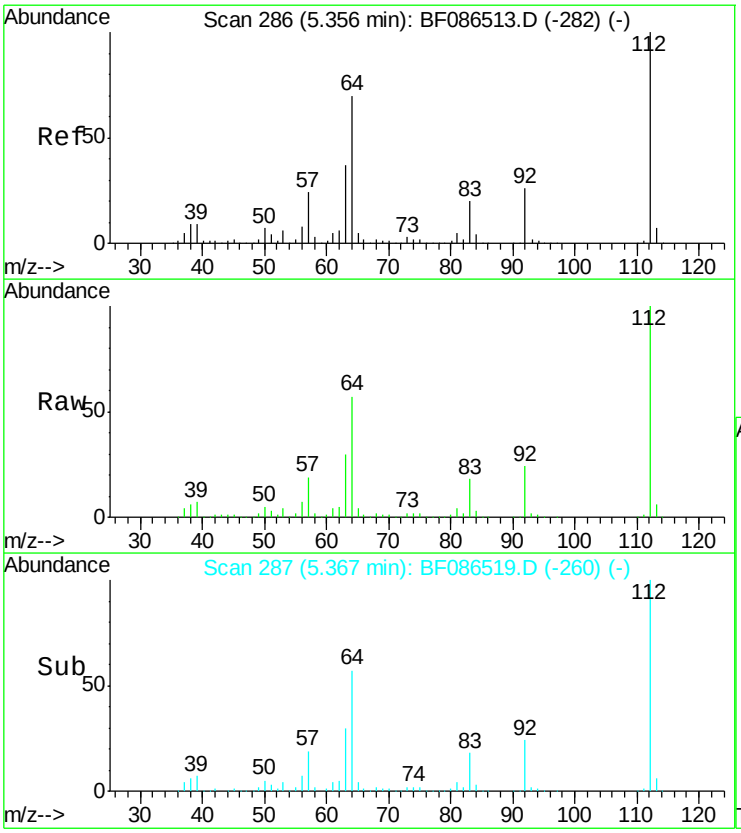
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130482

Ion	Ratio	Lower	Upper
152	100		
150	160.6	125.8	188.6
115	71.8	51.5	77.3

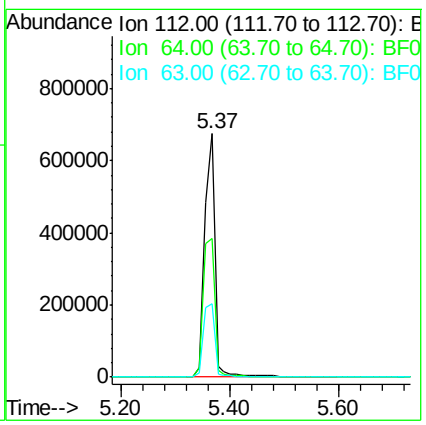


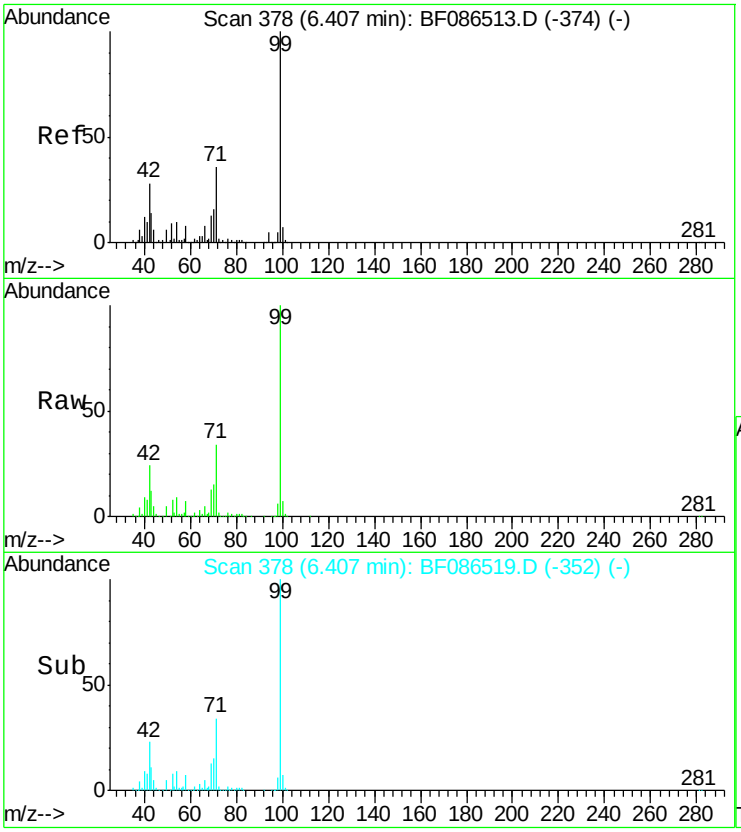


#5
2-Fluorophenol
Concen: 116.57 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion:112 Resp: 881794

Ion	Ratio	Lower	Upper
112	100		
64	56.9	52.1	78.1
63	30.0	25.7	38.5



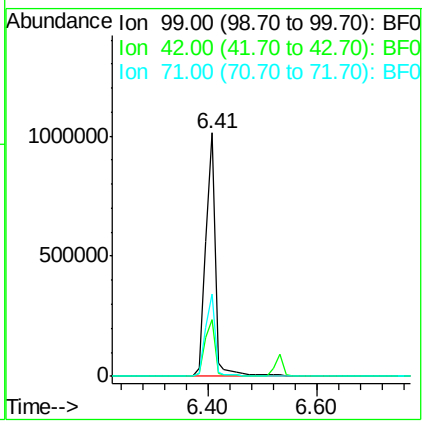


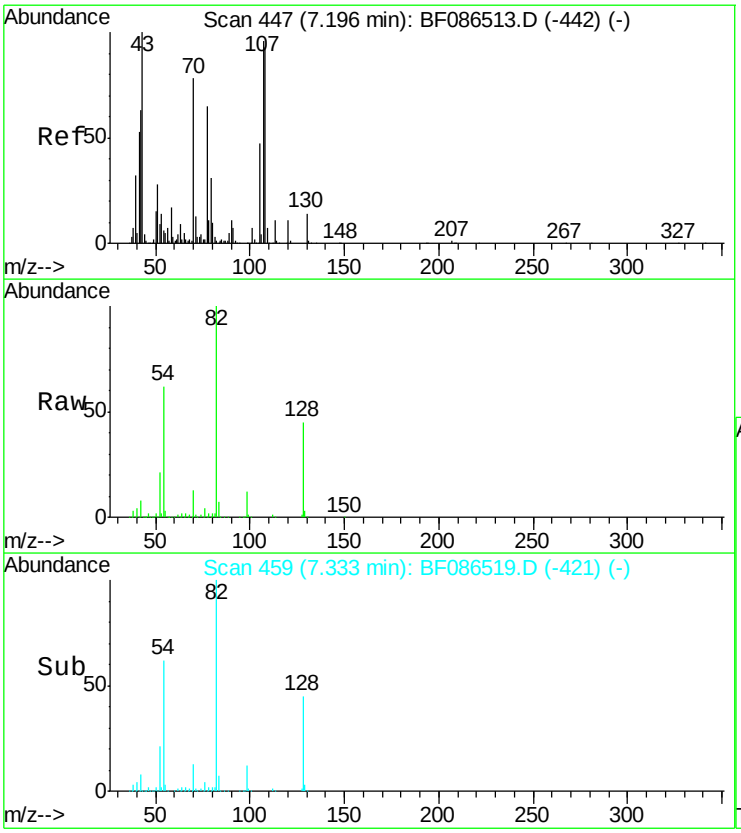
#7
Phenol-d6
Concen: 117.88 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1244613

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.6	20.4#
71	33.6	24.6	36.8

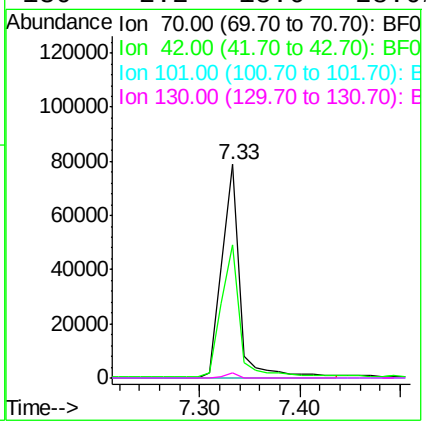


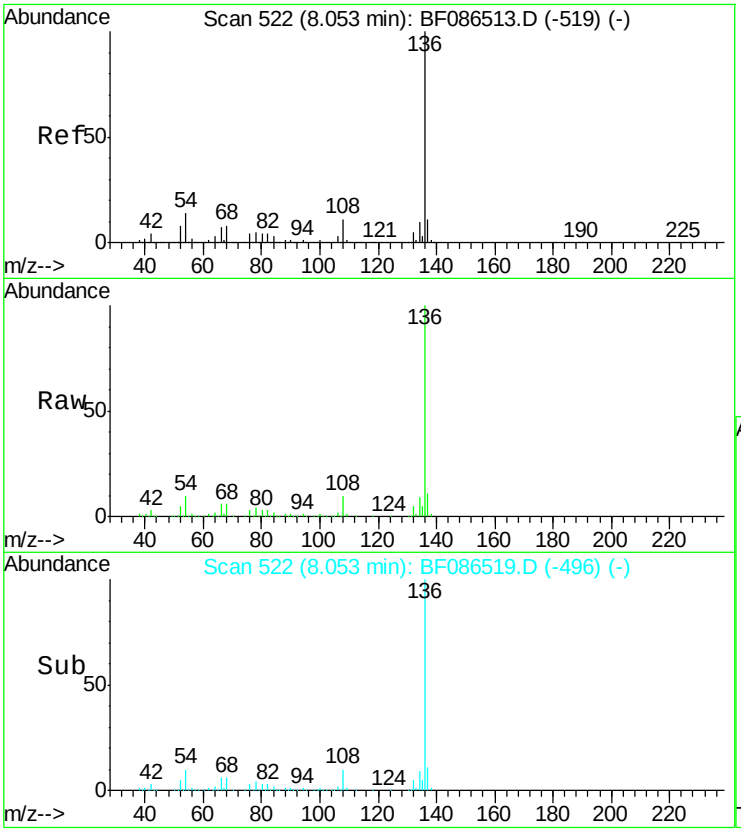


#19
n-Nitroso-di-n-propylamine
Concen: 14.26 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion: 70 Resp: 99515

Ion	Ratio	Lower	Upper
70	100		
42	62.2	43.1	64.7
101	0.0	8.1	12.1#
130	2.2	18.6	28.0#



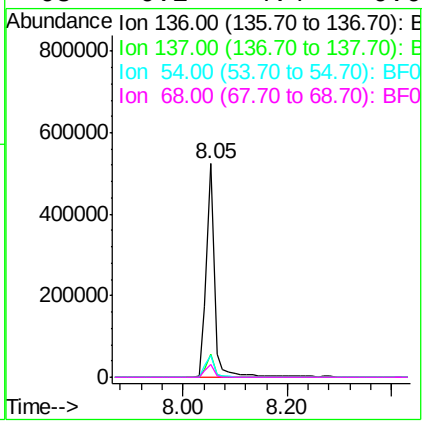


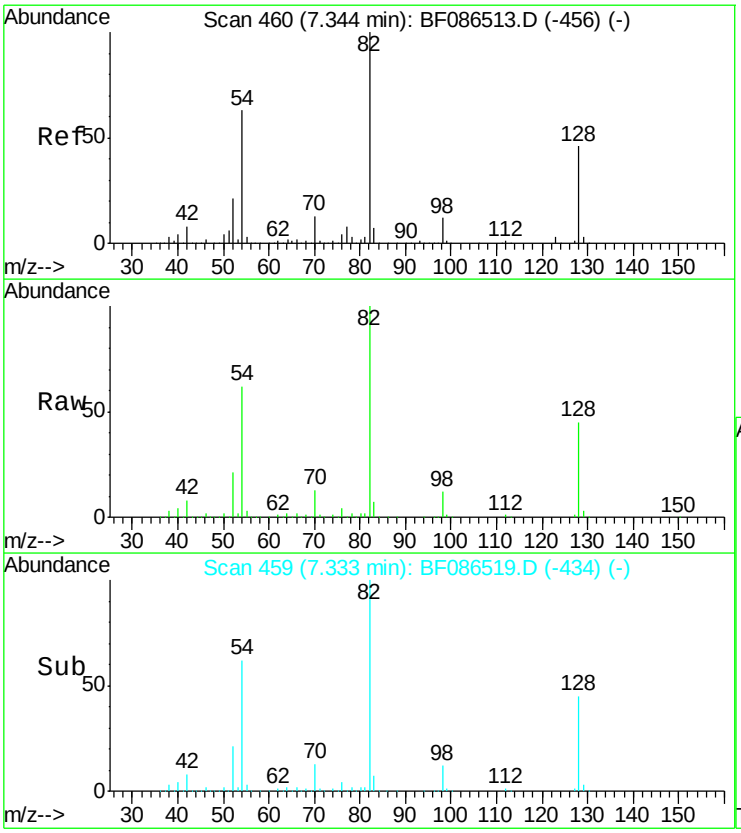
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 582290

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.1	5.0	7.4#
68	6.2	4.4	6.6

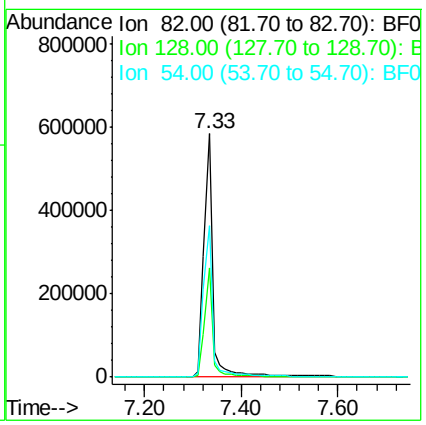


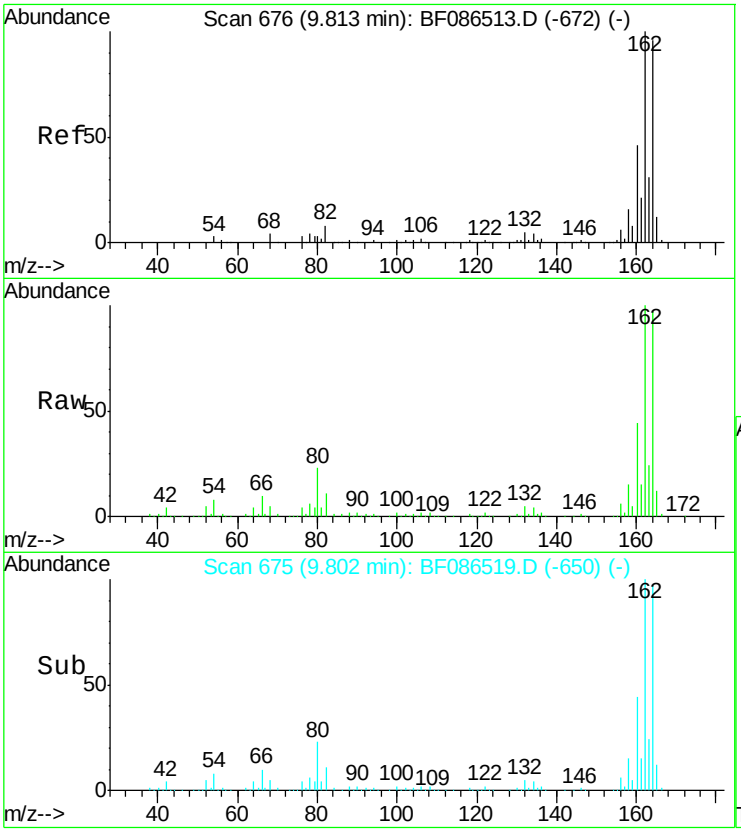


#23
Nitrobenzene-d5
Concen: 70.25 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion: 82 Resp: 758891

Ion	Ratio	Lower	Upper
82	100		
128	44.7	40.6	61.0
54	62.3	38.1	57.1#



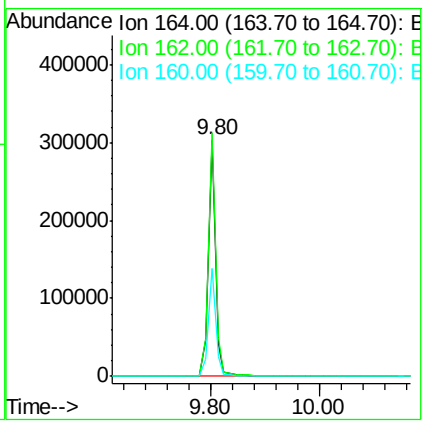


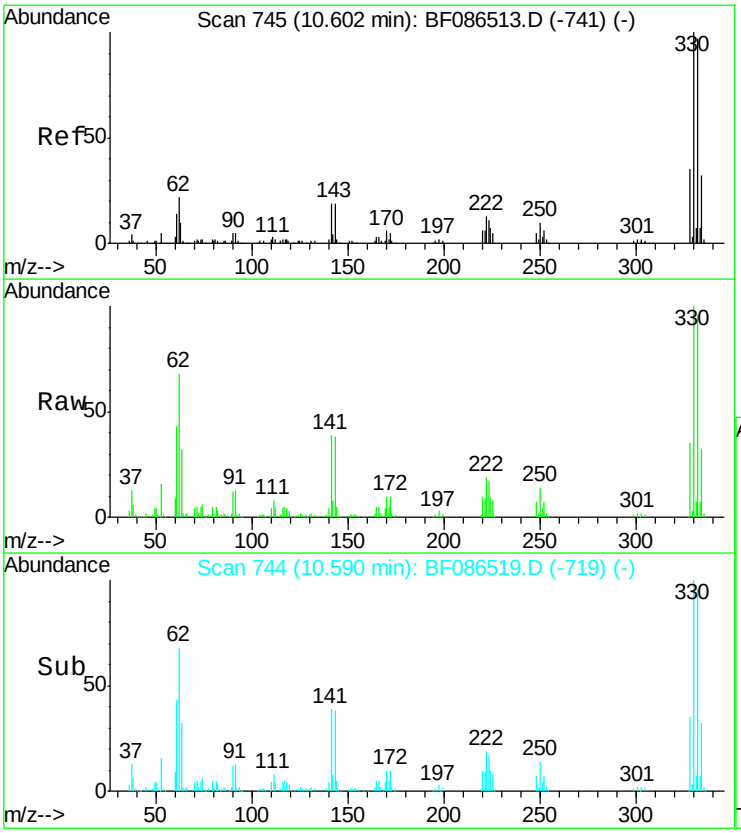
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 284389

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	45.8	36.9	55.3

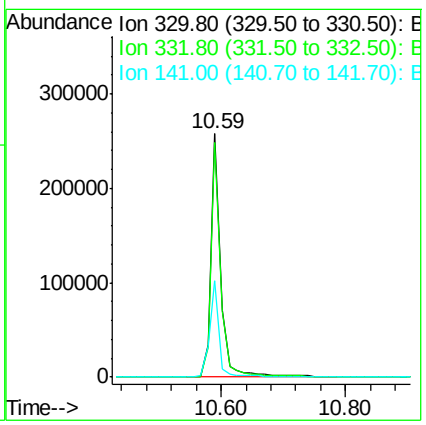


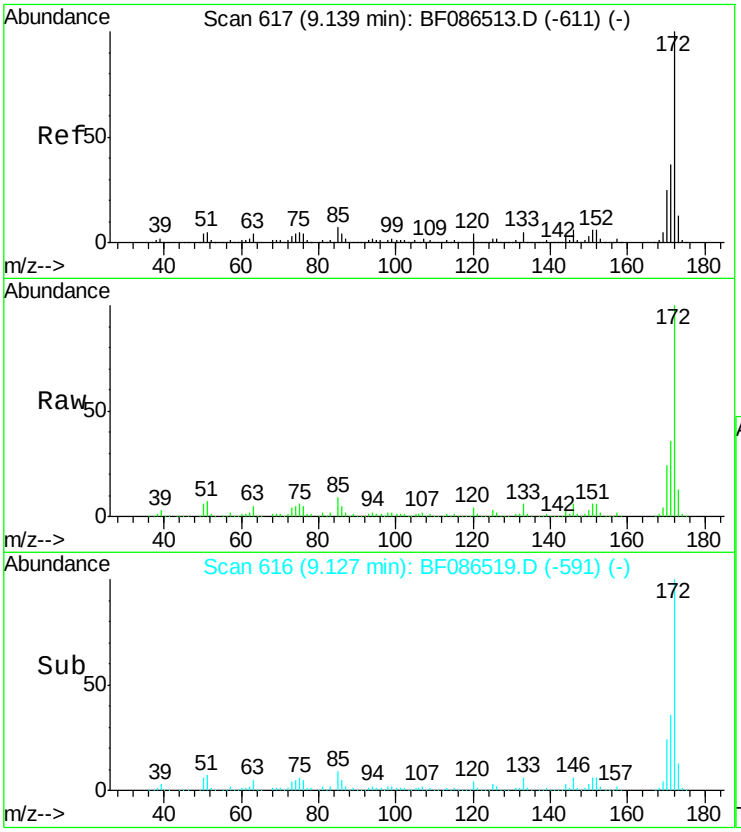


#41
2,4,6-Tribromophenol
Concen: 93.76 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion:330 Resp: 281185

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	39.7	31.2	46.8



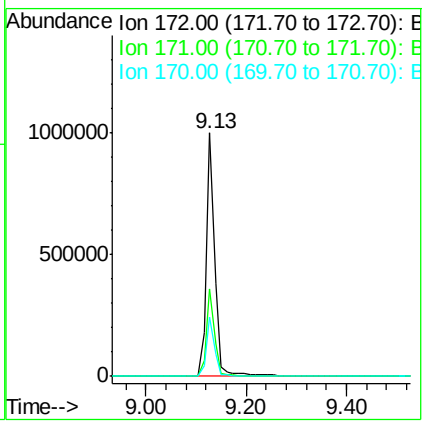


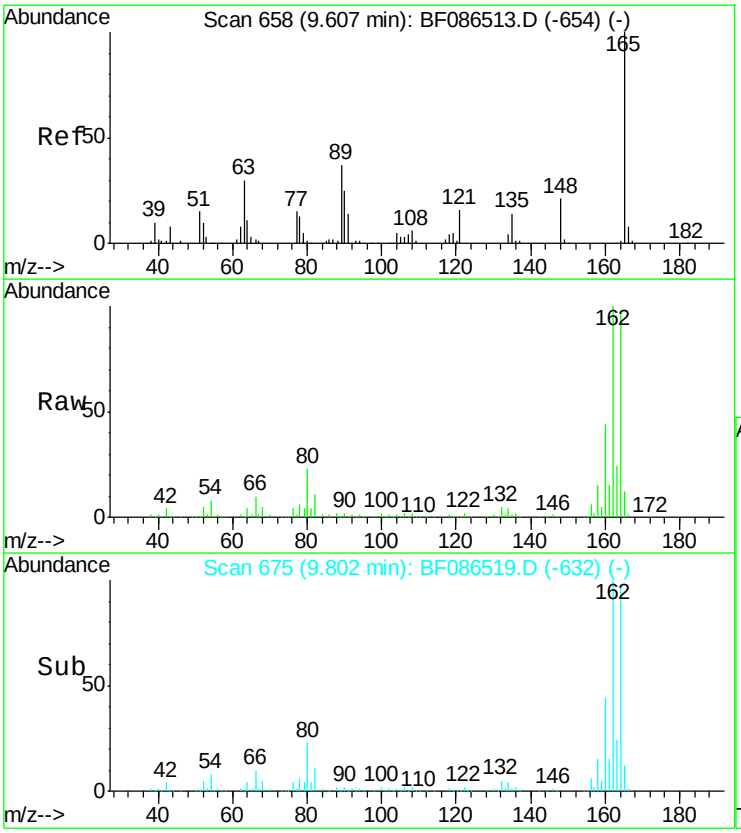
#44
2-Fluorobiphenyl
Concen: 69.57 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1178779

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8

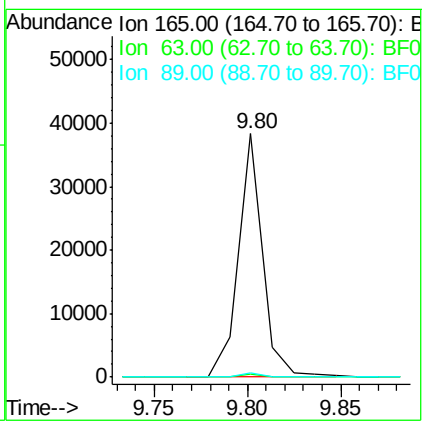


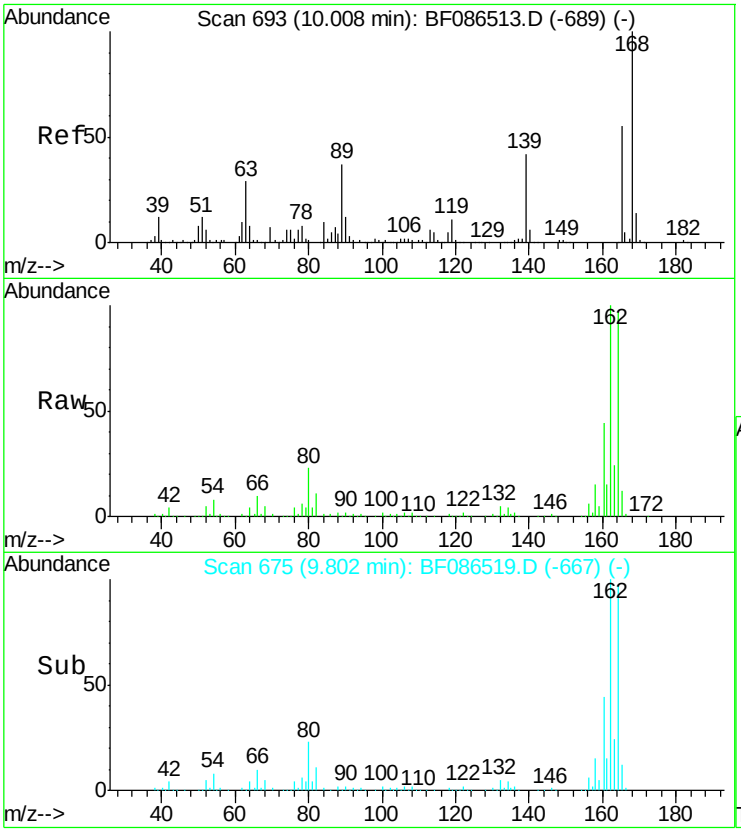


#50
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.19 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion:165 Resp: 34825

Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.8#
89	1.8	50.7	76.1#



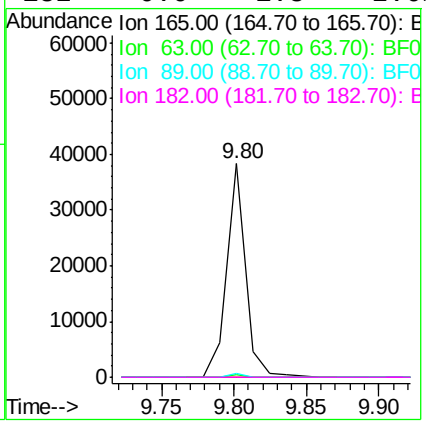


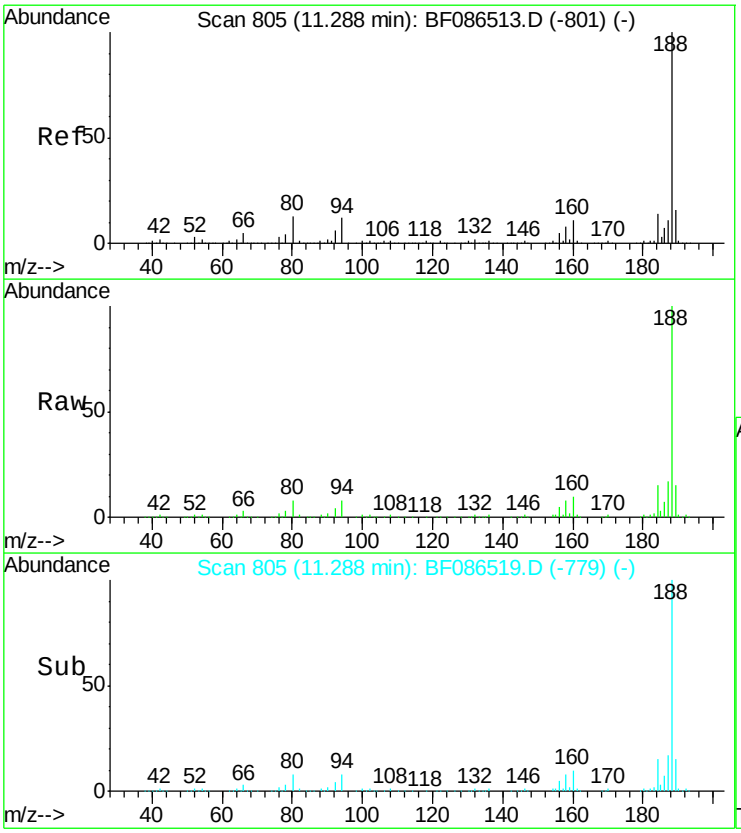
#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34828

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#

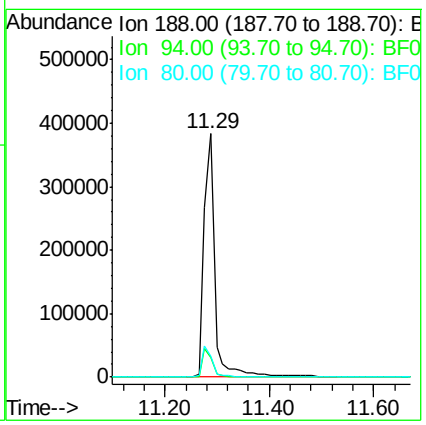


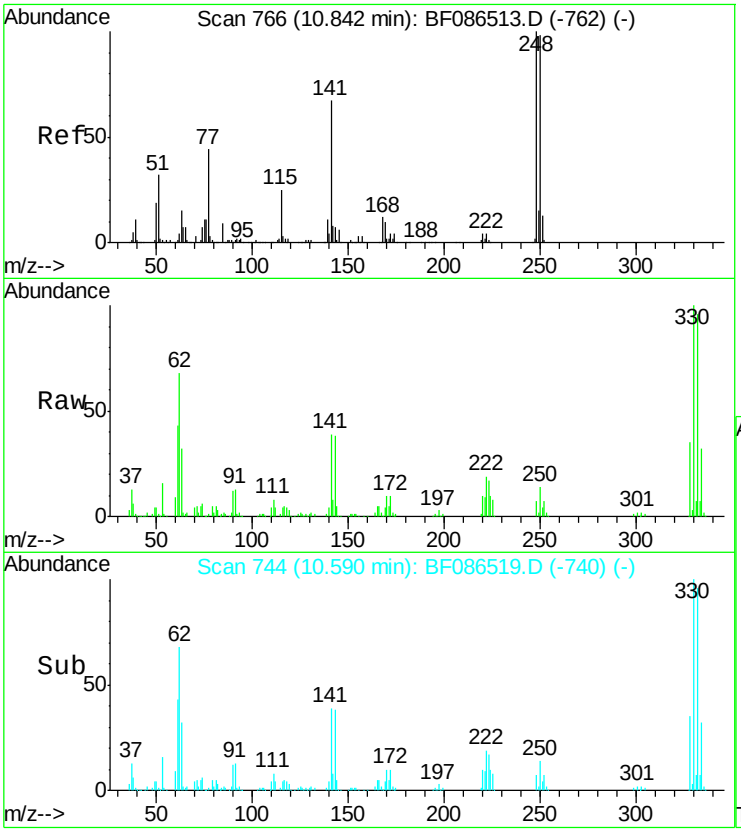


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion:188 Resp: 552434

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.3	7.1	10.7



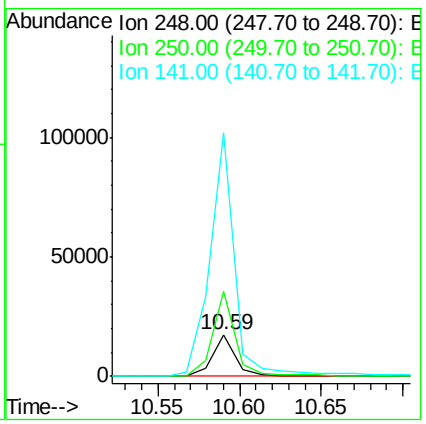


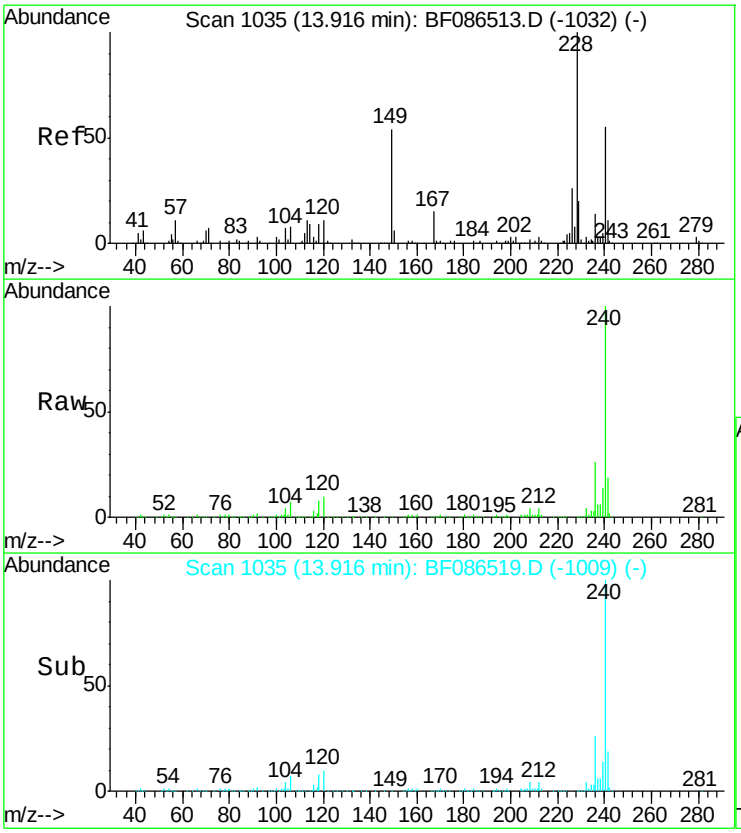
#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17105

Ion	Ratio	Lower	Upper
248	100		
250	201.7	78.6	117.8#
141	581.6	76.0	114.0#

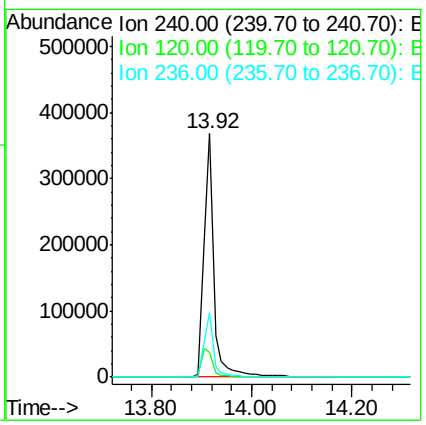


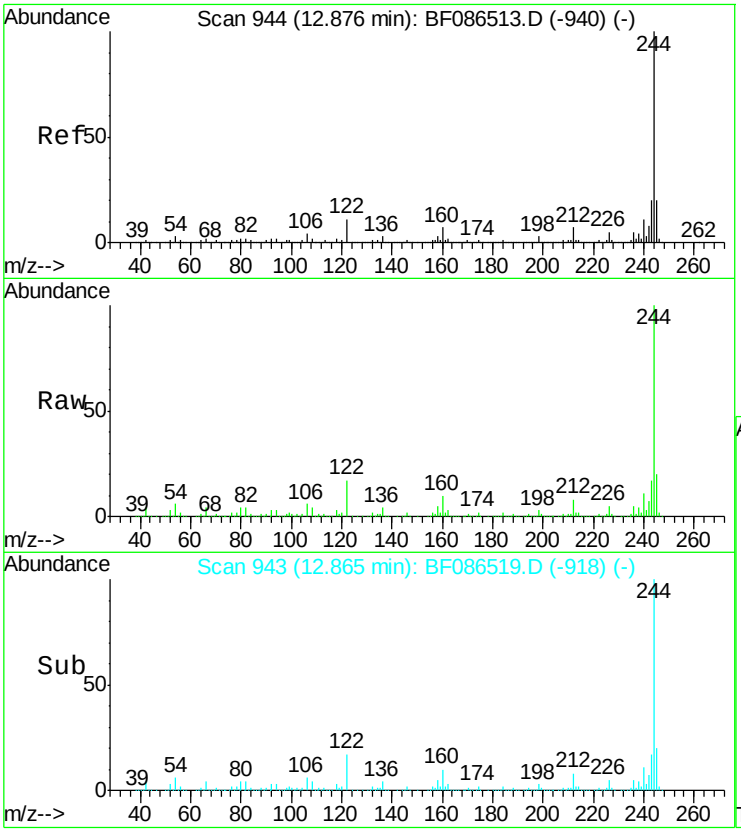


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion:240 Resp: 507792

Ion	Ratio	Lower	Upper
240	100		
120	10.0	11.2	16.8#
236	26.5	21.2	31.8



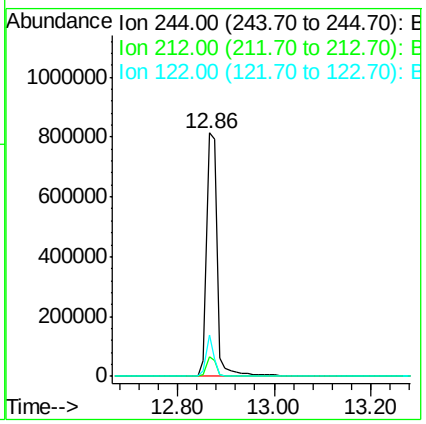


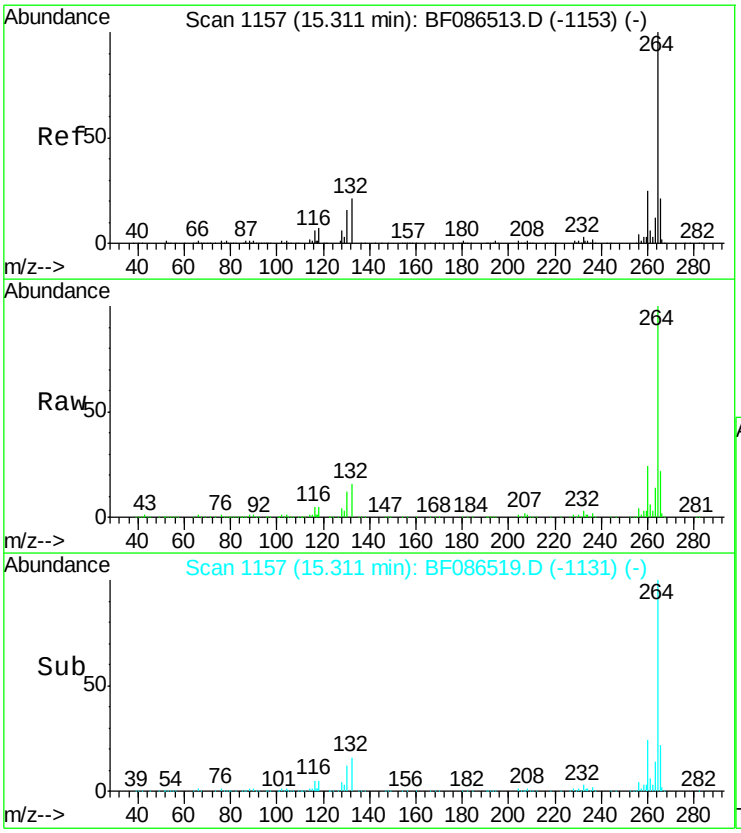
#78
Terphenyl-d14
Concen: 55.12 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1270370

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	16.8	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion:264 Resp: 385572

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	17.3	25.9