Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
Data File : BF081865.D
Acq On : 29 Sep 2015 4:31
Operator : UM/IZ
Sample : G3717-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-16-9-16-15

Quant Time: Sep 29 05:07:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	112834	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	461070	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	225026	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	443990	20.00	ng	0.00
75) Chrysene-d12	14.10	240	415325	20.00	ng	-0.01
86) Perylene-d12	15.58	264	329105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	330866	53.23	ng	0.00
7) Phenol-d6	6.55	99	279663	35.76	ng	-0.01
23) Nitrobenzene-d5	7.50	82	696846	100.75	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	315545	138.46	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1362675	106.50	ng	0.00
78) Terphenyl-d14	13.05	244	1322317	112.78	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.70	77	14837	2.90	ng	# 67
19) n-Nitroso-di-n-propylamine	7.50	70	89303	18.79	ng	# 57
25) Isophorone	7.50	82	654012	47.71	ng	# 58
50) 2,6-Dinitrotoluene	9.98	165	26978	8.00	ng	# 39
56) 2,4-Dinitrotoluene	9.98	165	28070	6.53	ng	# 33
57) Fluorene	10.77	166	12215	Below Cal		# 86
66) 4-Bromophenyl-phenylether	10.77	248	20837	4.65	ng	# 1
70) Phenanthrene	11.49	178	217	Below Cal		# 62
73) Di-n-butylphthalate	12.02	149	2256	Below Cal		# 78

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

Quantitation Report (Not Reviewed)

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Instrument :
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LIP-16-9-16-15

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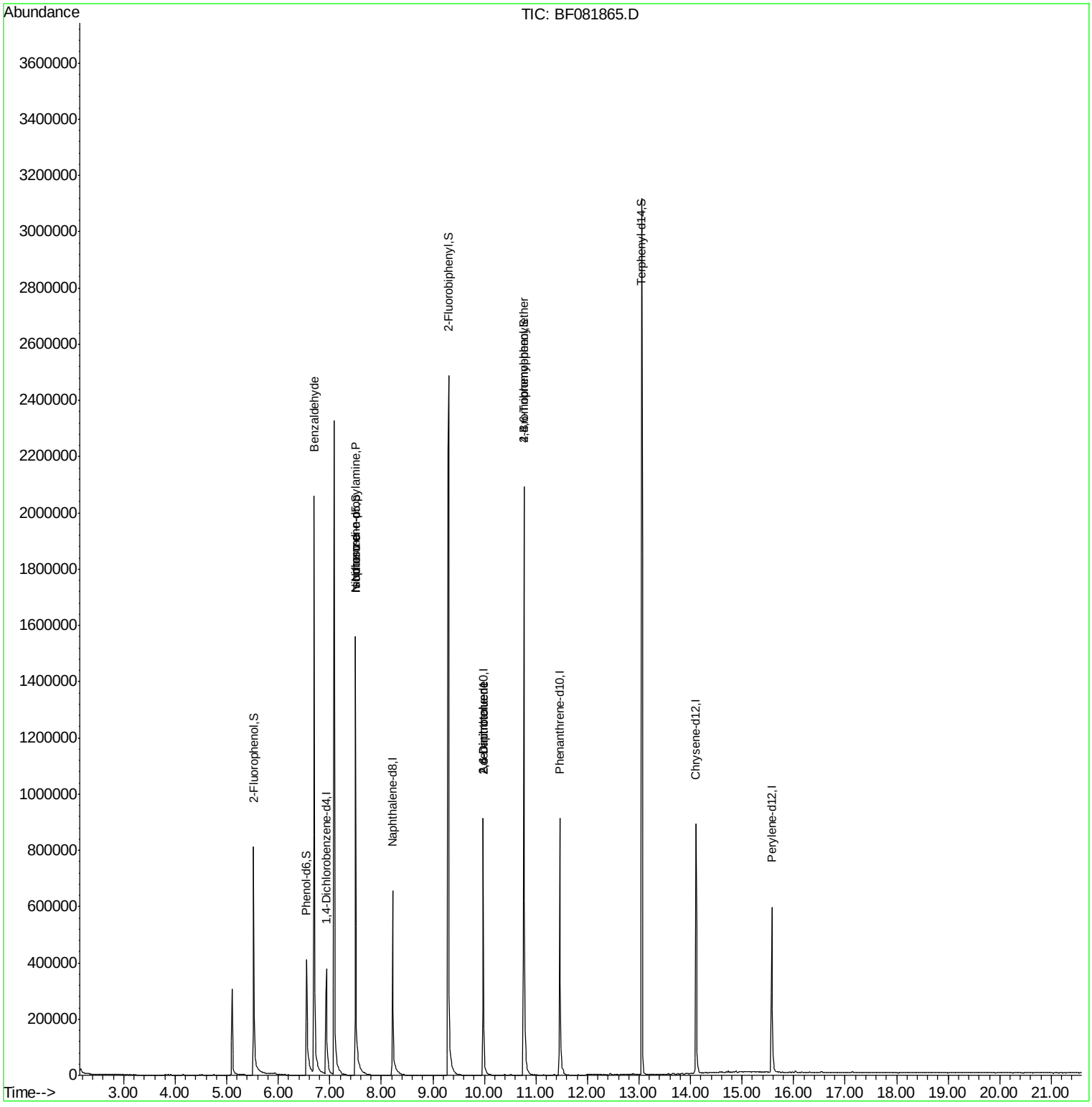
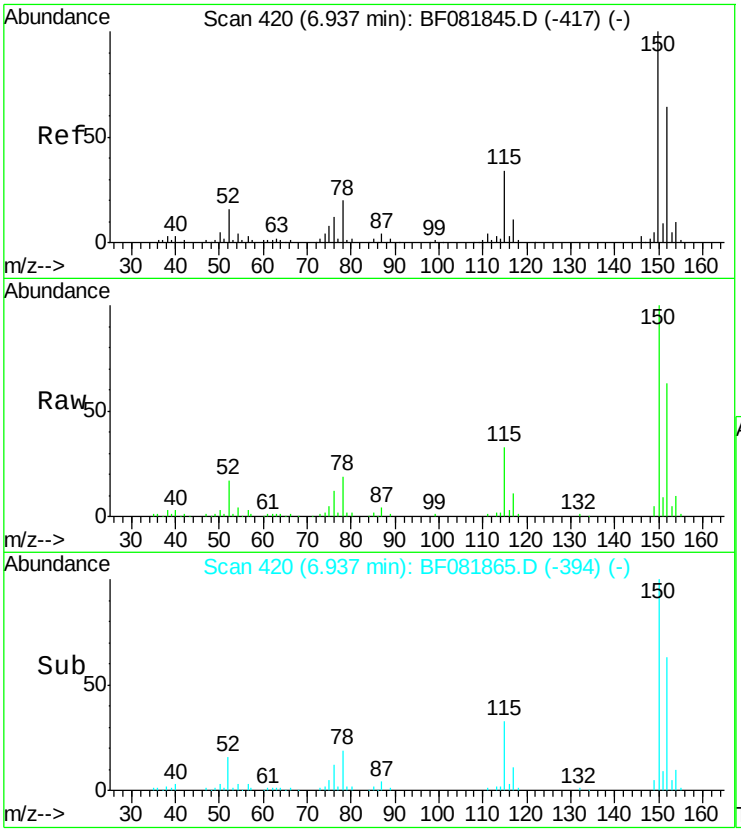


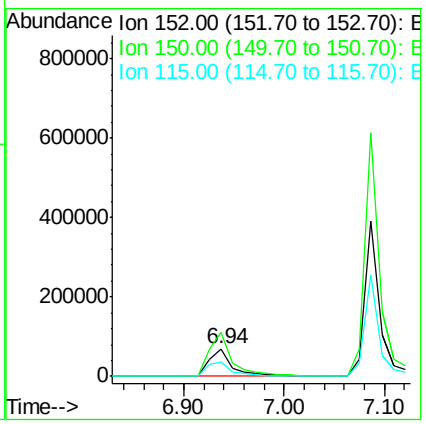


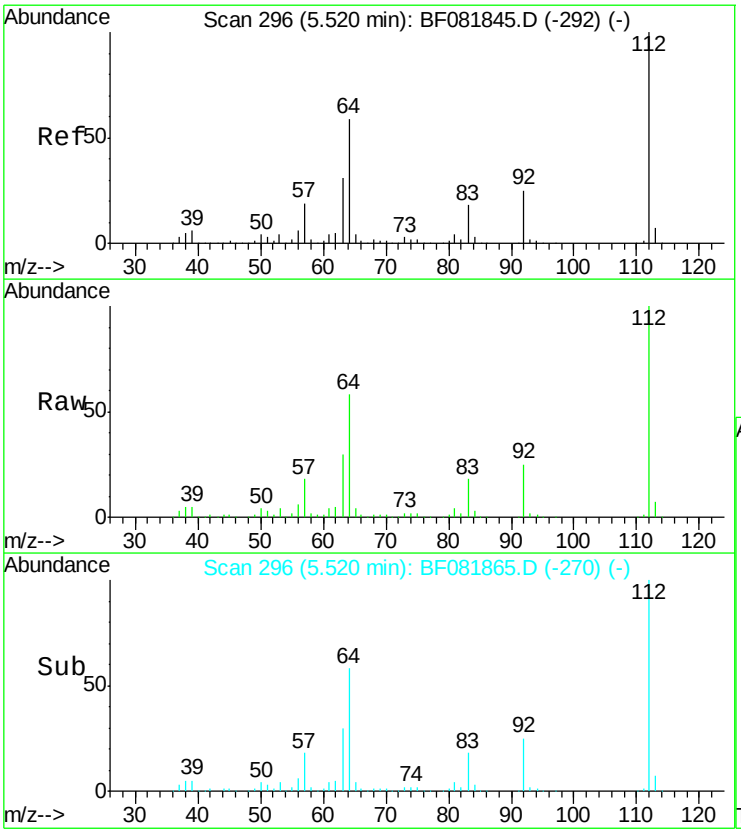
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion:152 Resp: 112834

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.7	187.1
115	52.6	39.0	58.4

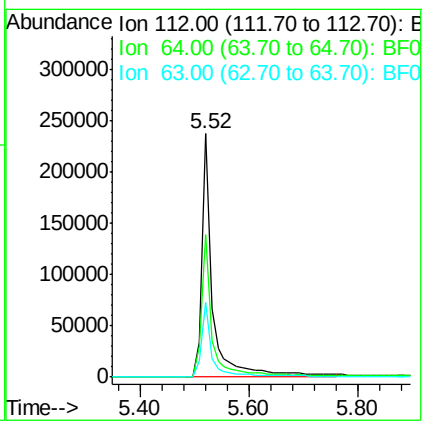


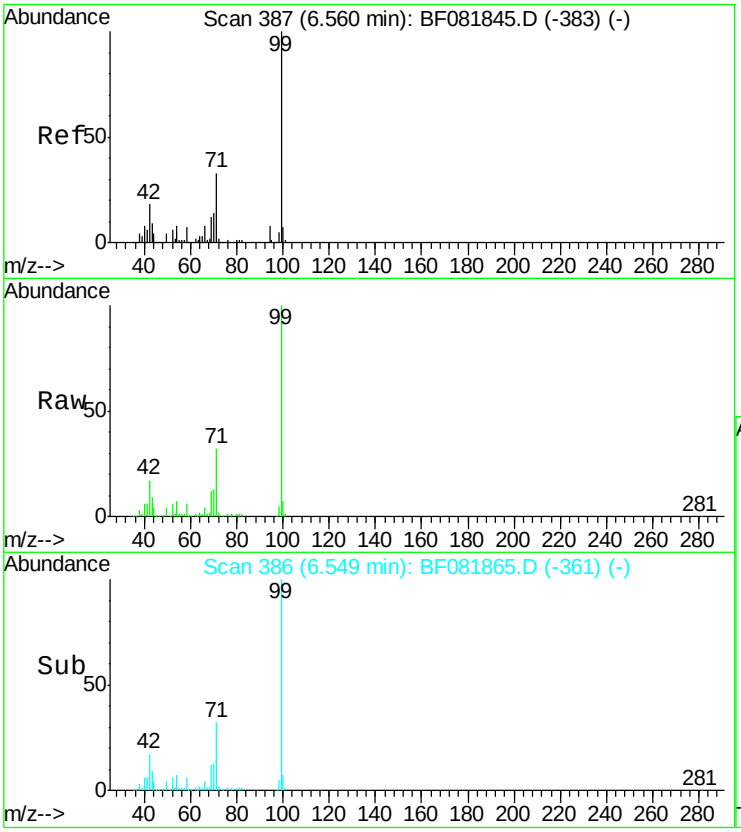


#5
2-Fluorophenol
Concen: 53.23 ng
RT: 5.52 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion:112 Resp: 330866

Ion	Ratio	Lower	Upper
112	100		
64	58.5	39.7	59.5
63	30.5	17.4	26.0#



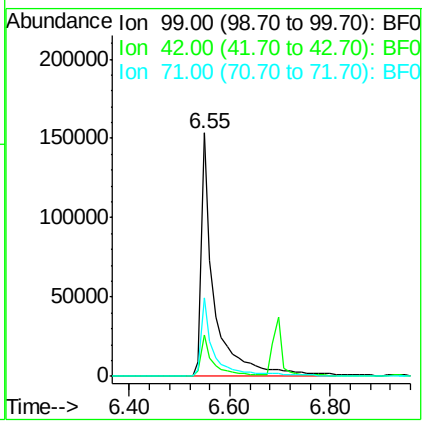


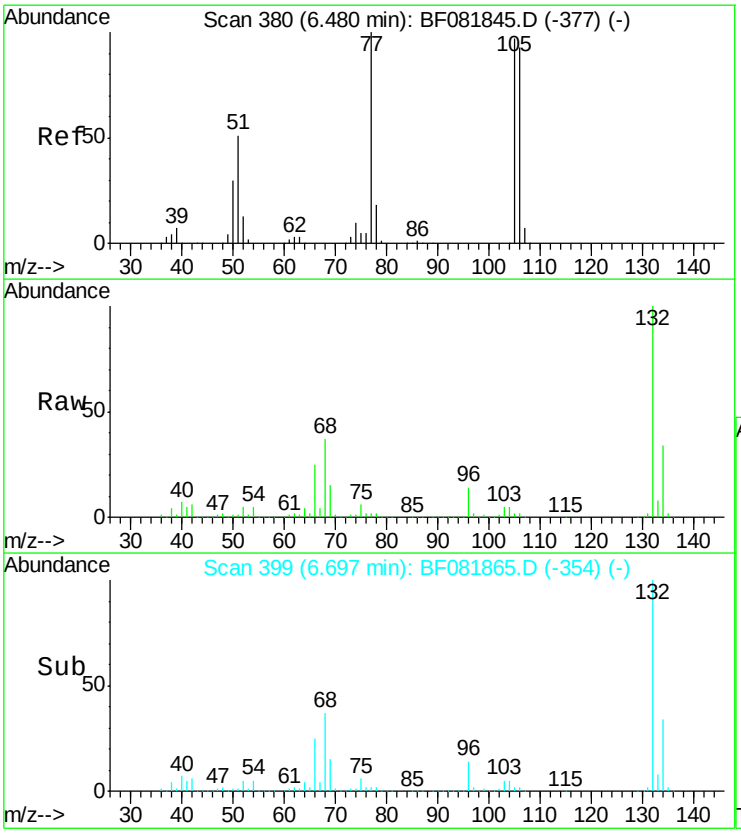
#7
Phenol-d6
Concen: 35.76 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion: 99 Resp: 279663

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	32.3	14.2	21.2#

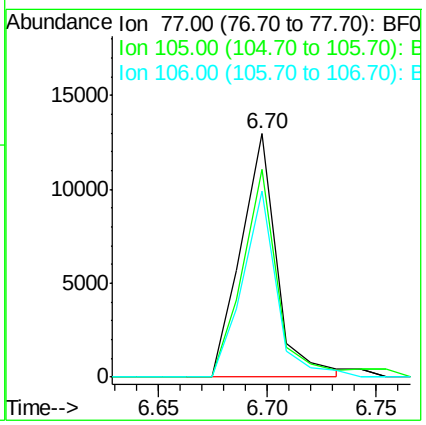


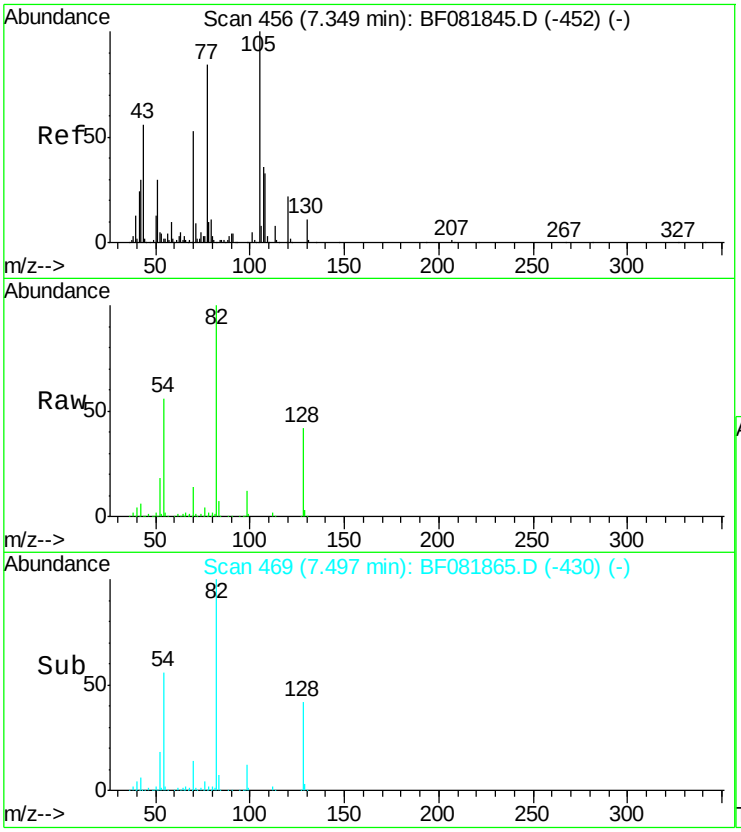


#9
Benzaldehyde
Concen: 2.90 ng
RT: 6.70 min Scan# 399
Delta R.T. 0.22 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion: 77 Resp: 14837

Ion	Ratio	Lower	Upper
77	100		
105	85.6	91.6	131.6#
106	76.5	102.6	142.6#



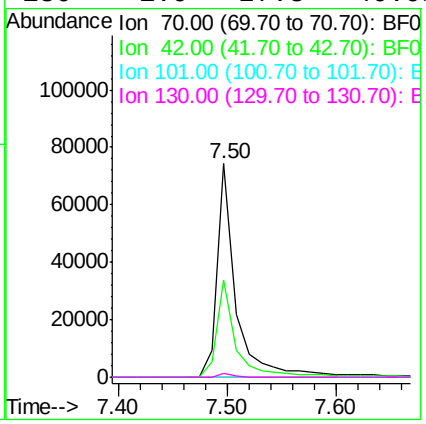


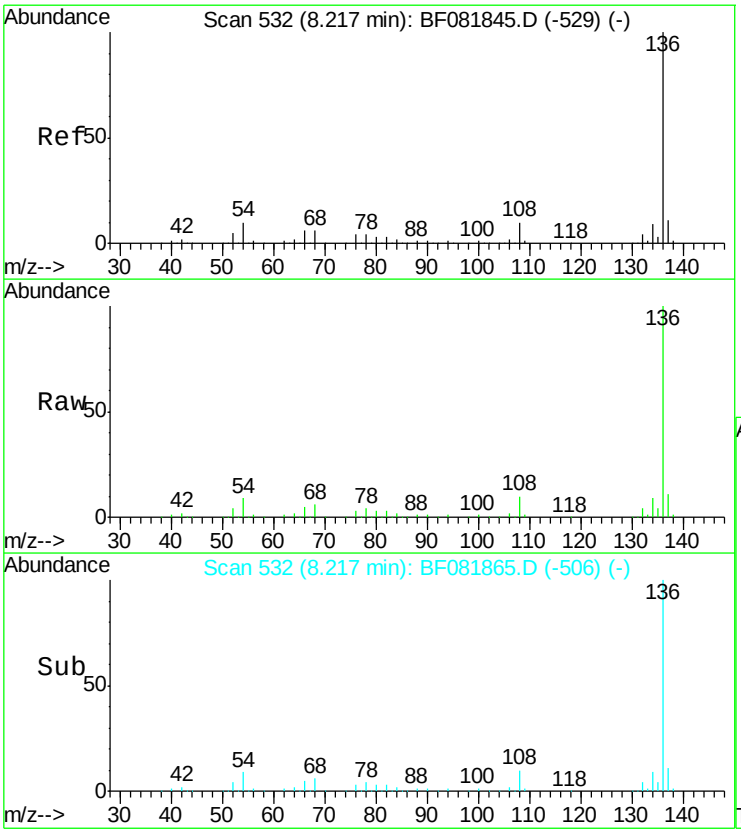
#19
n-Nitroso-di-n-propylamine
Concen: 18.79 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.15 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion: 70 Resp: 89303

Ion	Ratio	Lower	Upper
70	100		
42	45.6	63.8	95.6#
101	0.0	9.2	13.8#
130	1.9	27.3	40.9#

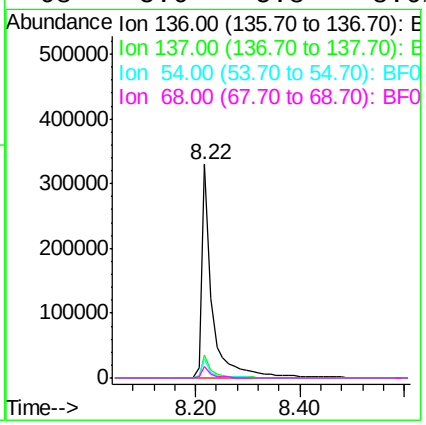


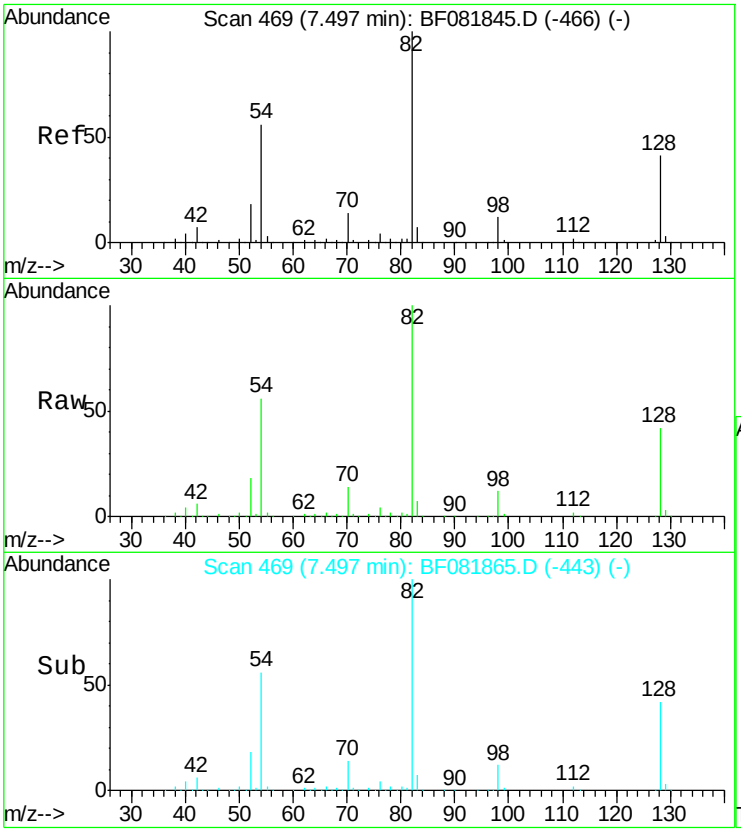


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion:136 Resp: 461070

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.8	8.2	12.2
68	5.6	5.8	8.6#



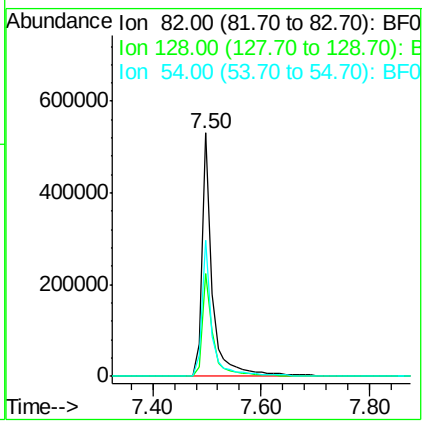


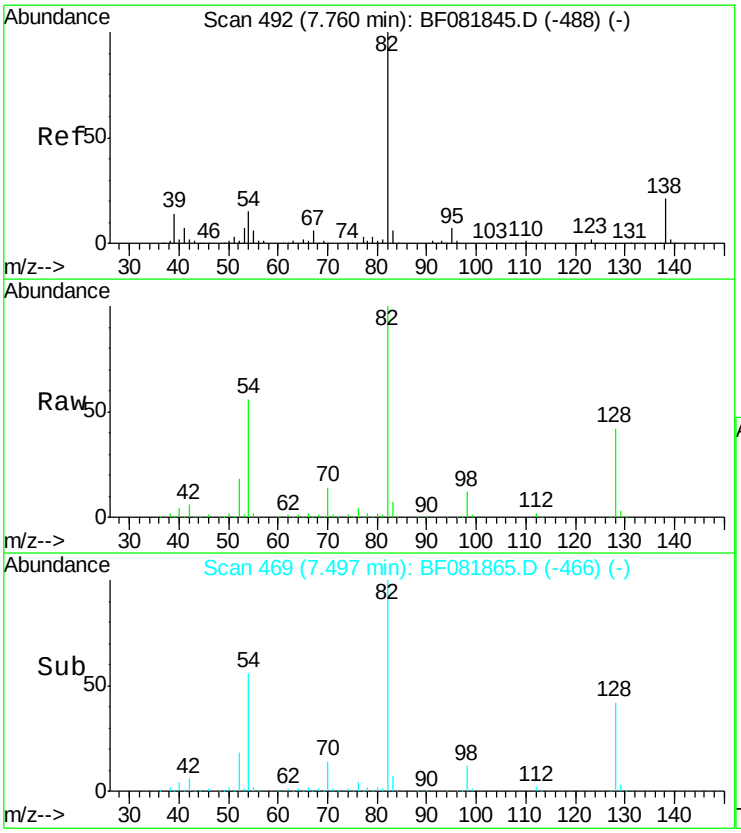
#23
Nitrobenzene-d5
Concen: 100.75 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion: 82 Resp: 696846

Ion	Ratio	Lower	Upper
82	100		
128	42.0	51.0	76.6#
54	56.1	47.5	71.3

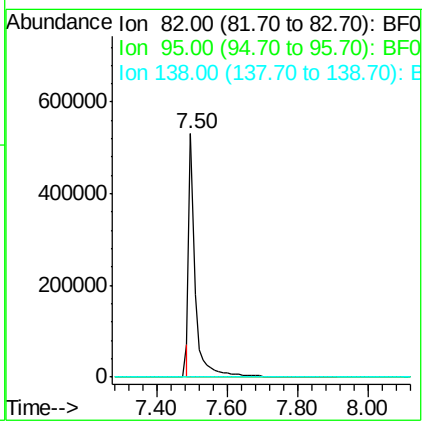


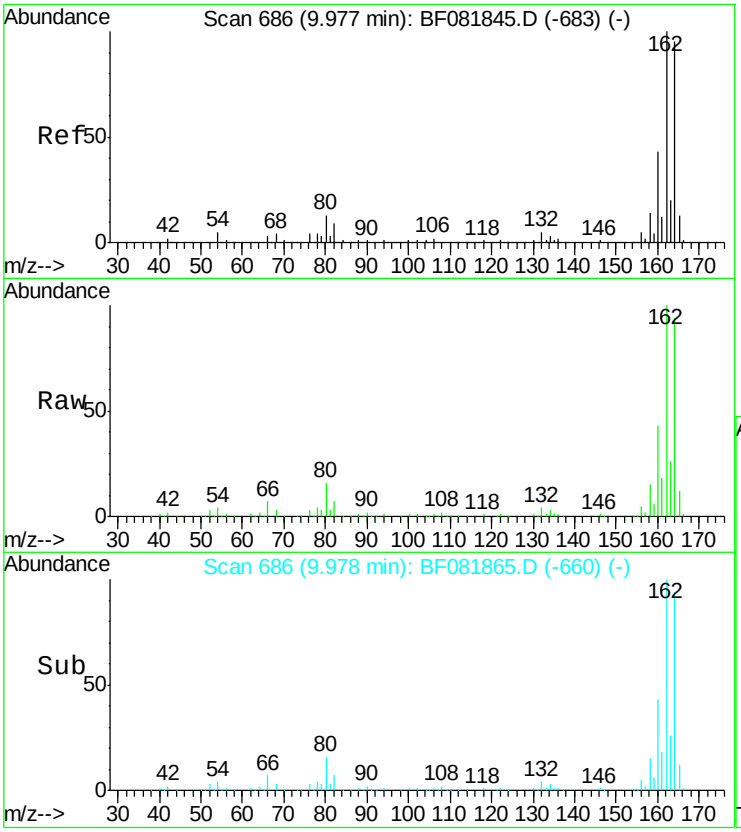


#25
Isophorone
Concen: 47.71 ng
RT: 7.50 min Scan# 469
Delta R.T. -0.26 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion: 82 Resp: 654012

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#



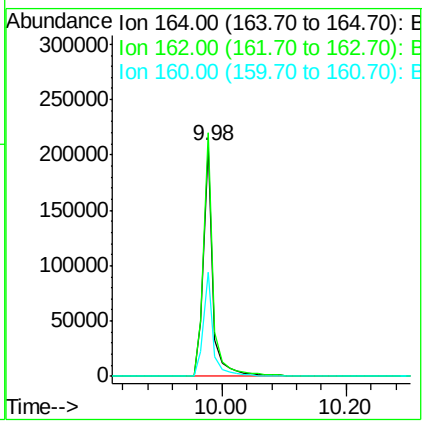


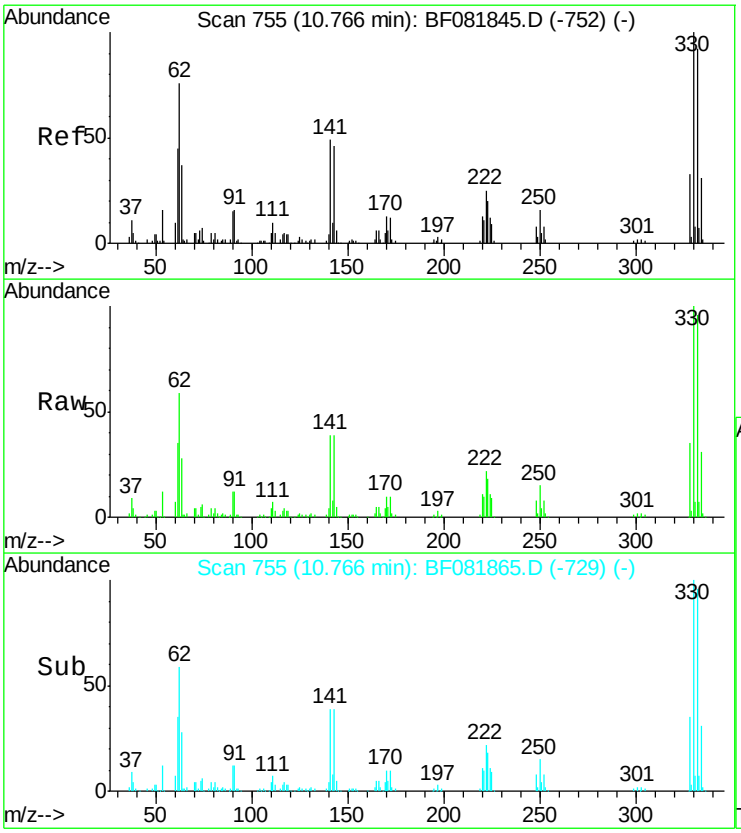
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion:164 Resp: 225026

Ion	Ratio	Lower	Upper
164	100		
162	106.0	75.2	112.8
160	45.4	31.5	47.3

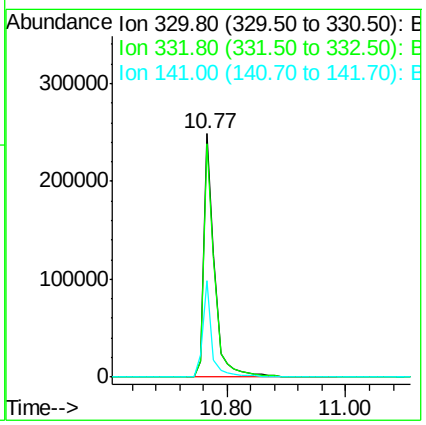


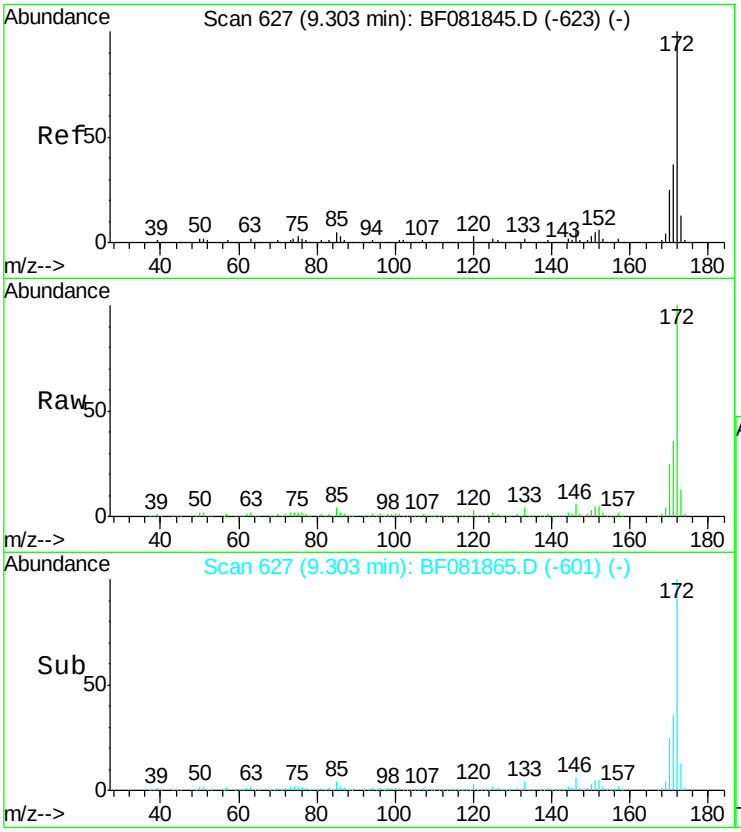


#41
2,4,6-Tribromophenol
Concen: 138.46 ng
RT: 10.77 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion:330 Resp: 315545

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	34.3	29.7	44.5



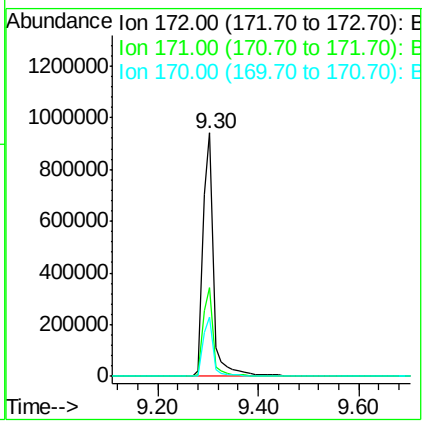


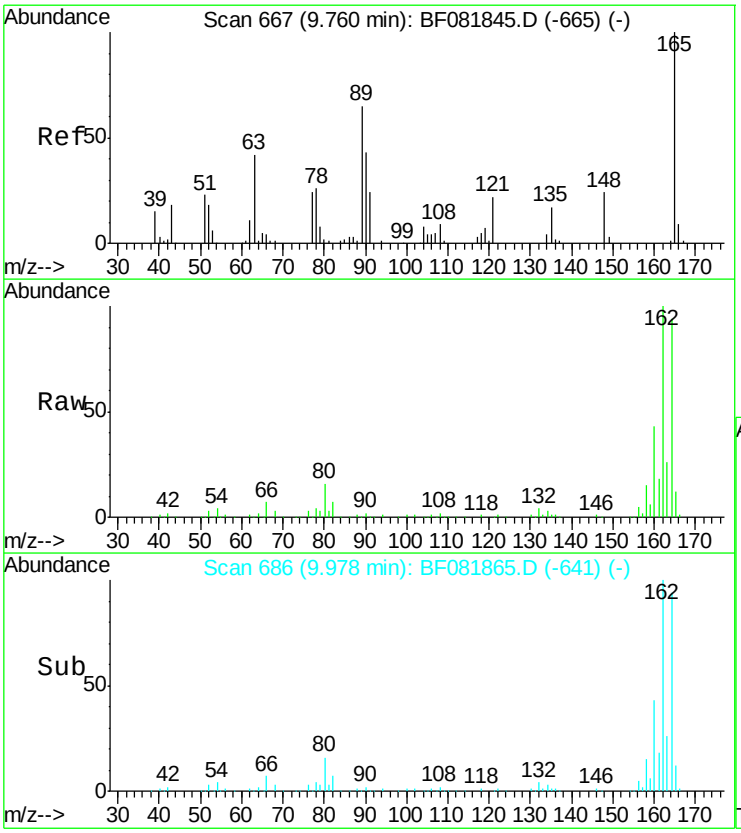
#44
2-Fluorobiphenyl
Concen: 106.50 ng
RT: 9.30 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion:172 Resp: 1362675

Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.5	17.4	26.2

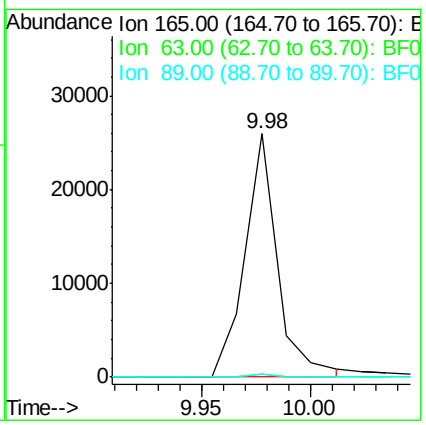


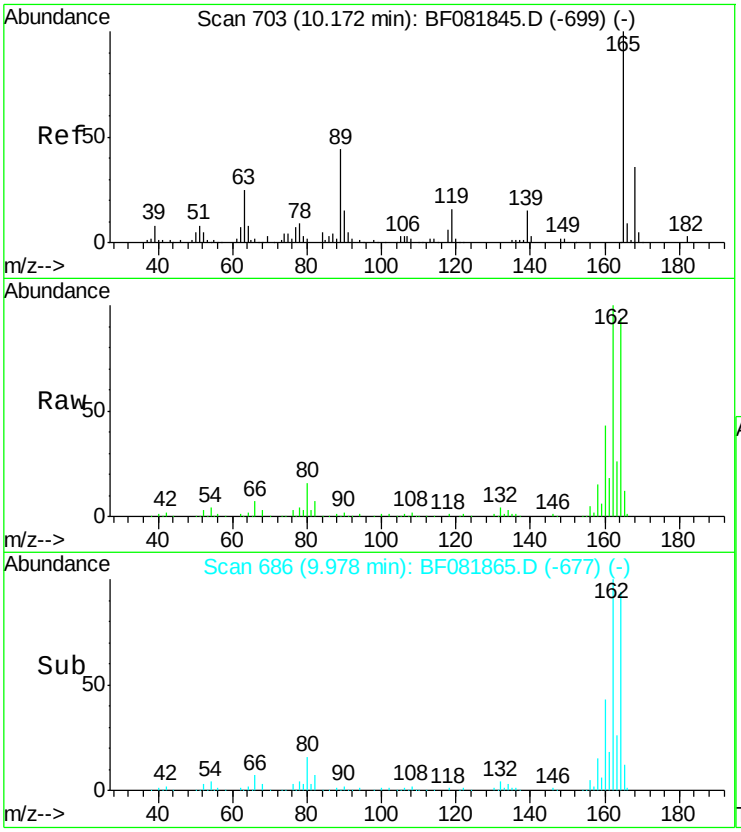


#50
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.22 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion:165 Resp: 26978

Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.3	48.5#
89	1.2	28.6	43.0#



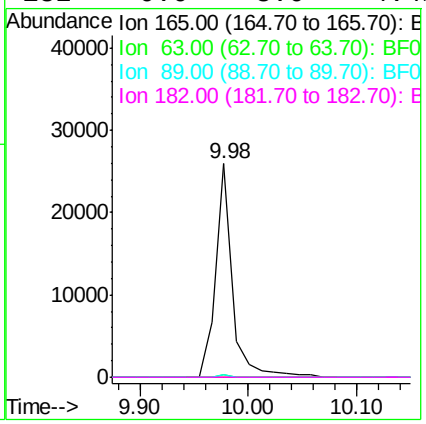


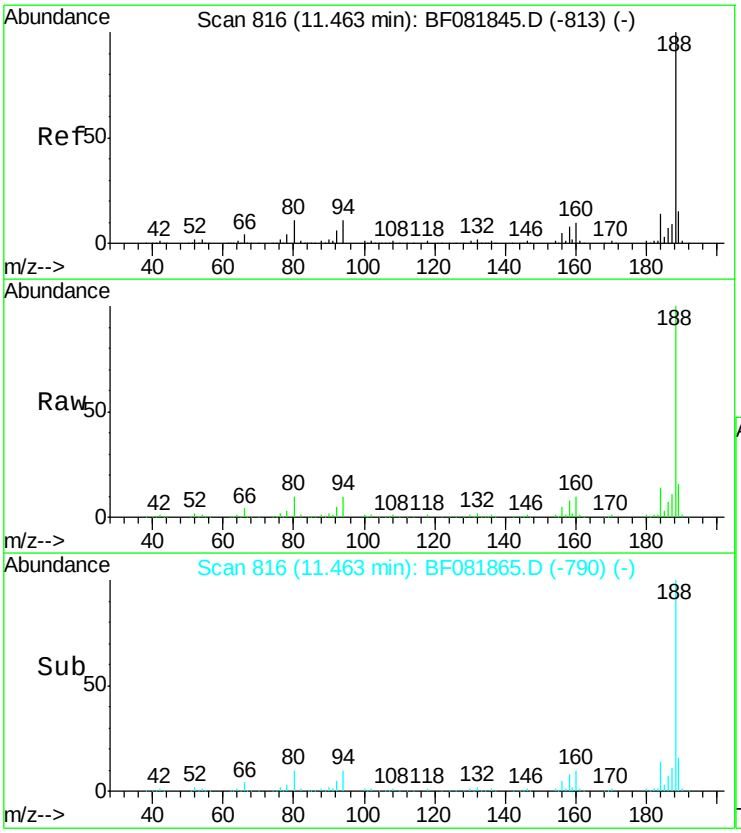
#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion:165 Resp: 28070

Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.6#
89	1.2	44.5	66.7#
182	0.0	3.0	4.4#

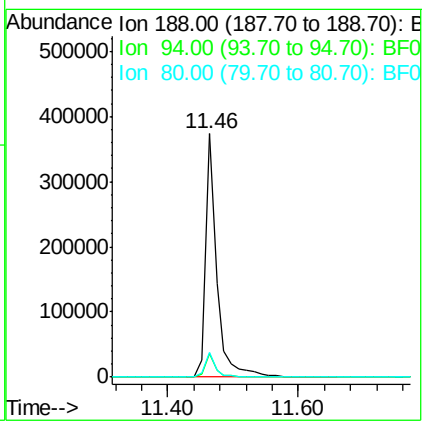


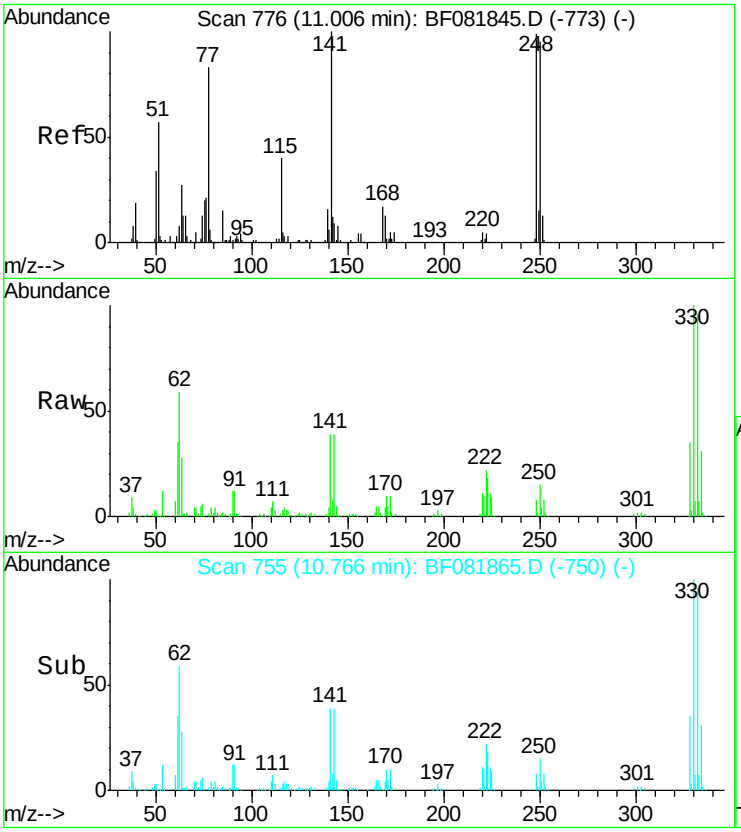


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion:188 Resp: 443990

Ion	Ratio	Lower	Upper
188	100		
94	9.5	11.1	16.7#
80	10.3	11.0	16.4#



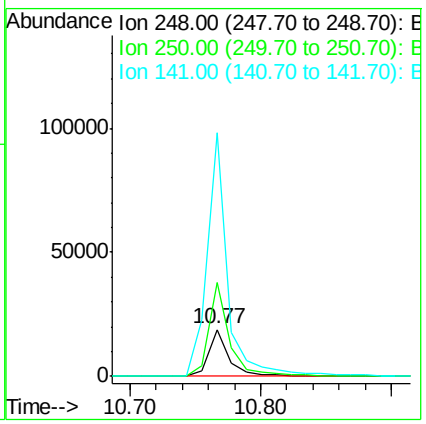


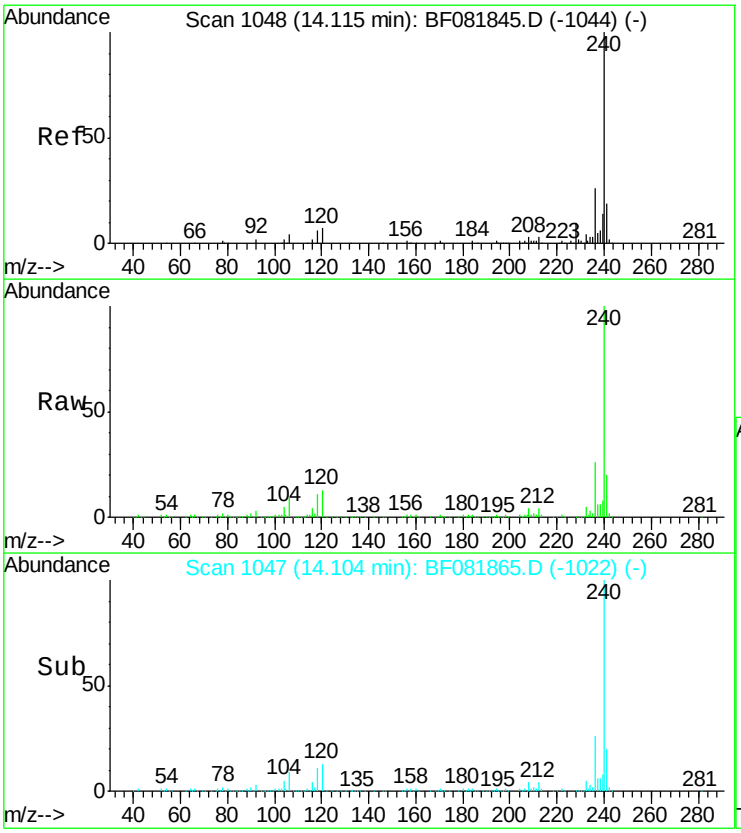
#66
4-Bromophenyl-phenylether
Concen: 4.65 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.24 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion:248 Resp: 20837

Ion	Ratio	Lower	Upper
248	100		
250	200.3	78.5	117.7#
141	520.8	59.0	88.6#

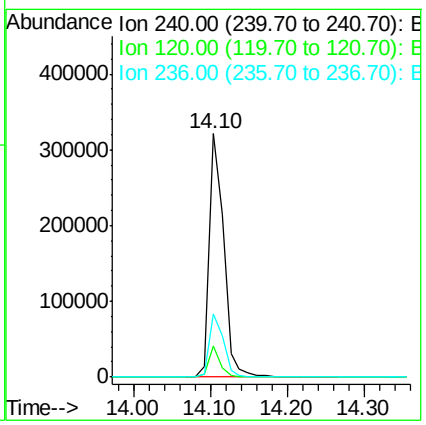


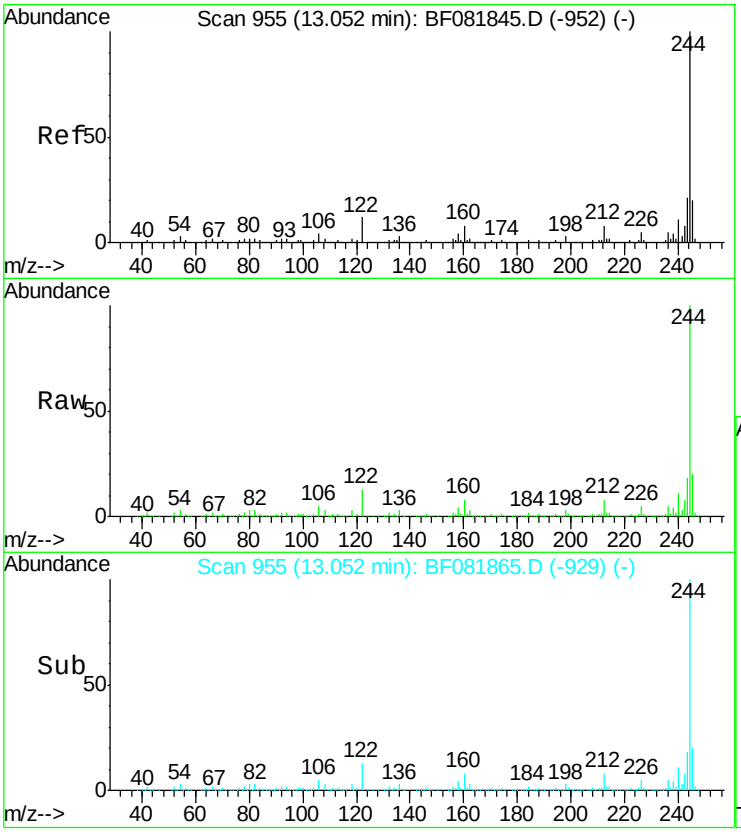


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion:240 Resp: 415325

Ion	Ratio	Lower	Upper
240	100		
120	12.6	16.2	24.2#
236	26.2	18.4	27.6



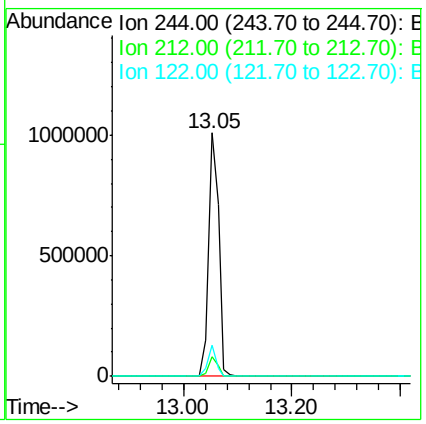


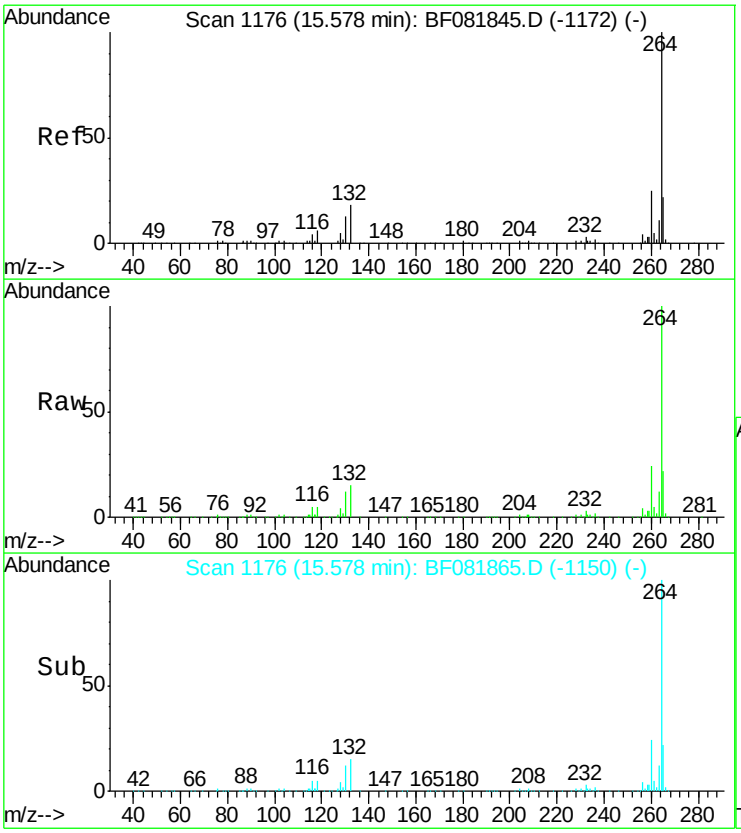
#78
Terphenyl-d14
Concen: 112.78 ng
RT: 13.05 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tgt Ion:244 Resp: 1322317

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	12.7	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion:264 Resp: 329105

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.9	17.2	25.8