Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082003.D
Acq On : 3 Oct 2015 4:34
Operator : UM/IZ
Sample : PB85910BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85910BL

Quant Time: Oct 05 06:47:54 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	6.89	152	97826	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	410212	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	205719	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	404324	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	389604	20.00	ng	-0.05
86) Perylene-d12	15.53	264	292506	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	578826	107.41	ng	-0.03
7) Phenol-d6	6.51	99	779572	114.96	ng	-0.05
23) Nitrobenzene-d5	7.45	82	441556	71.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	201184	96.56	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	942187	74.89	ng	-0.05
78) Terphenyl-d14	13.02	244	1016504	83.99	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	55381	13.44	ng	# 57
25) Isophorone	7.45	82	401678	32.93	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	25310	8.21	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	25515	6.49	ng	# 33
57) Fluorene	10.72	166	7621	Below Cal		# 78
66) 4-Bromophenyl-phenylether	10.72	248	12658	3.10	ng	# 1
73) Di-n-butylphthalate	11.99	149	553	Below Cal		# 78

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

Quantitation Report (Not Reviewed)

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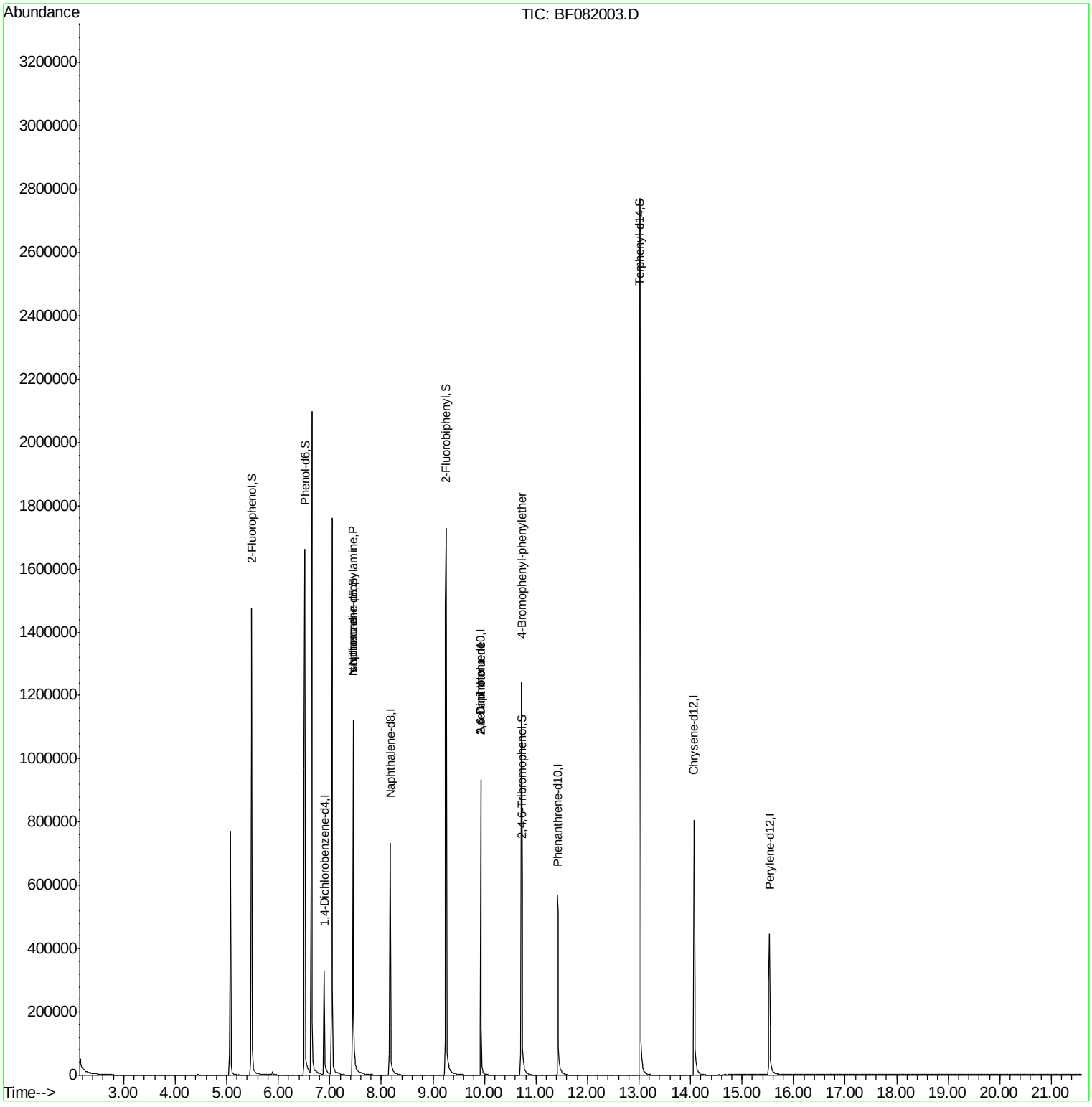
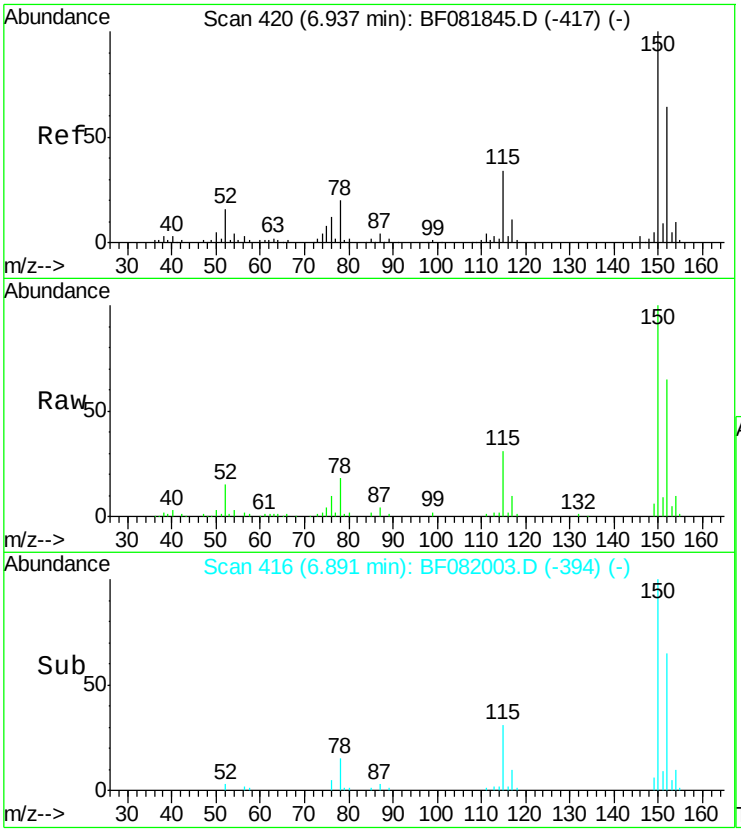


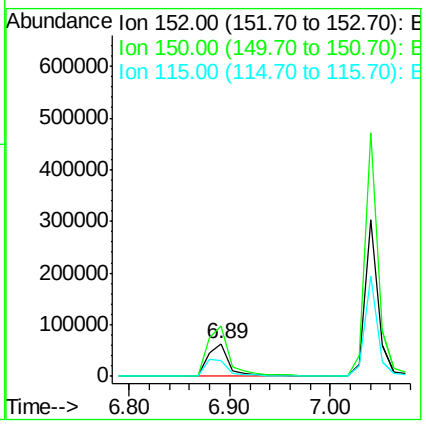


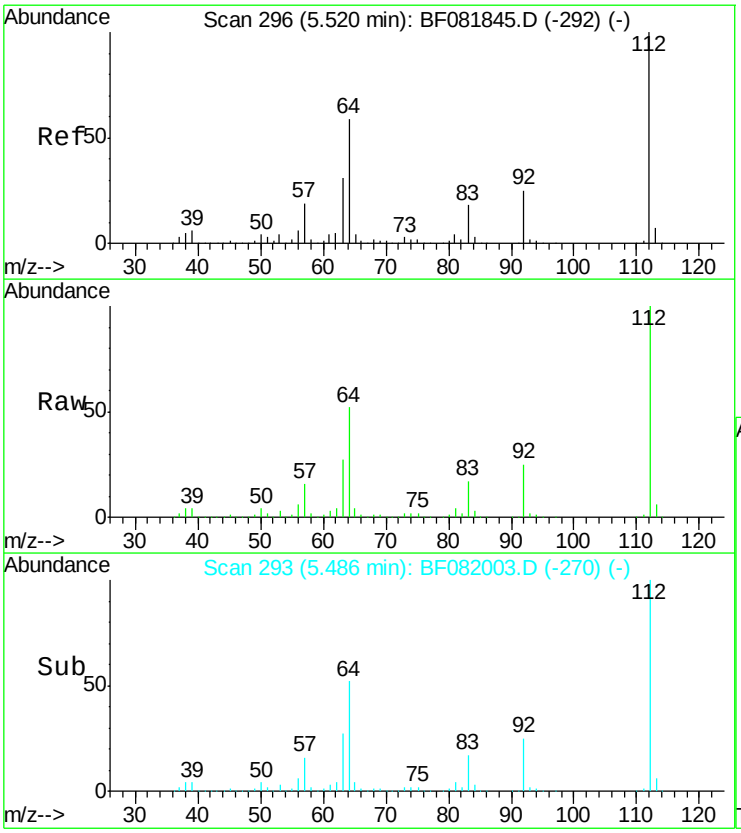
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion:152 Resp: 97826

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.7	187.1
115	48.1	39.0	58.4

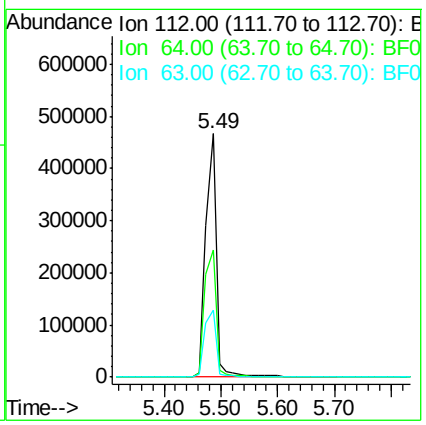


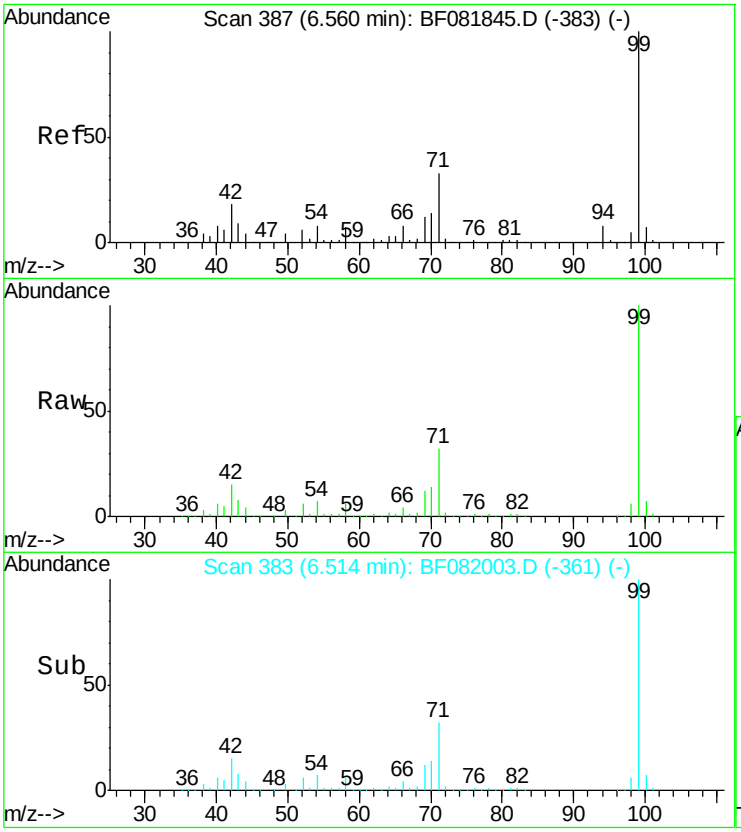


#5
2-Fluorophenol
Concen: 107.41 ng
RT: 5.49 min Scan# 293
Delta R.T. -0.03 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion:112 Resp: 578826

Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.7	59.5
63	27.4	17.4	26.0#



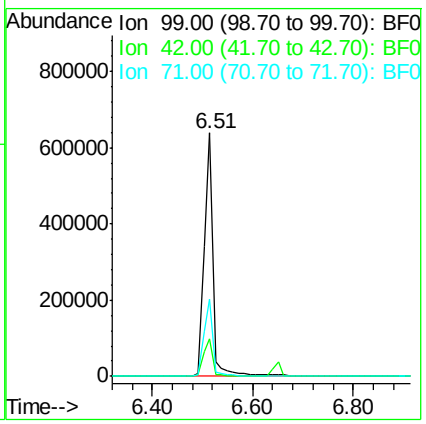


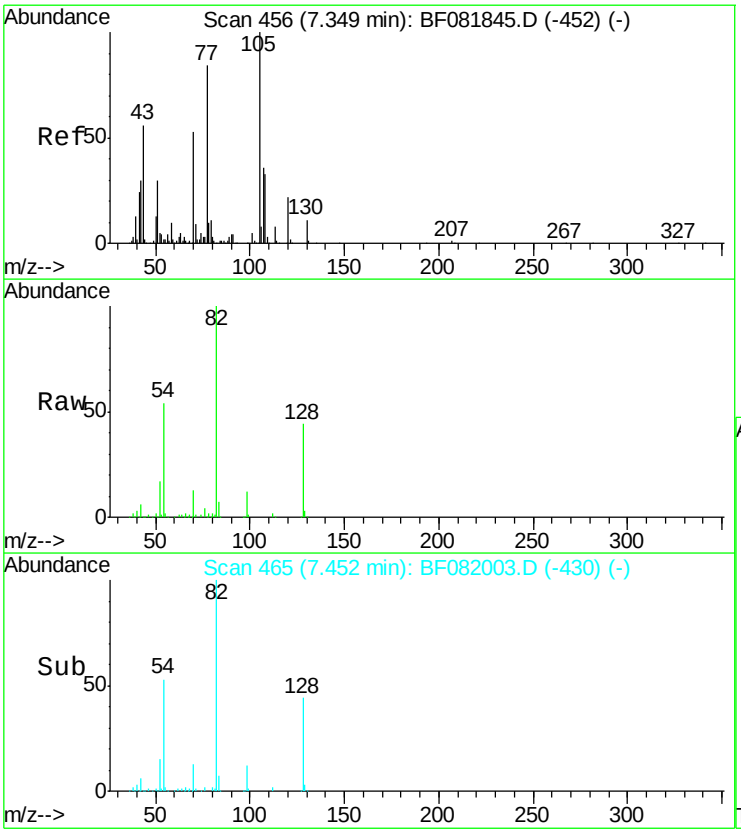
#7
Phenol-d6
Concen: 114.96 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion: 99 Resp: 779572

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.7	20.5
71	31.6	14.2	21.2#

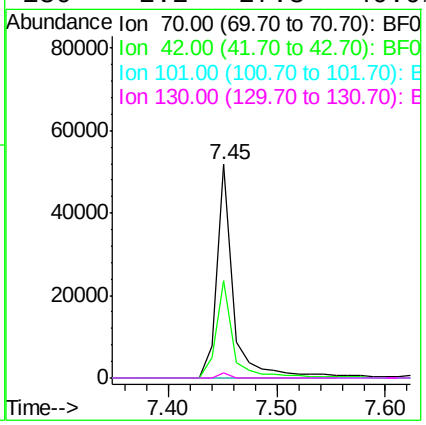


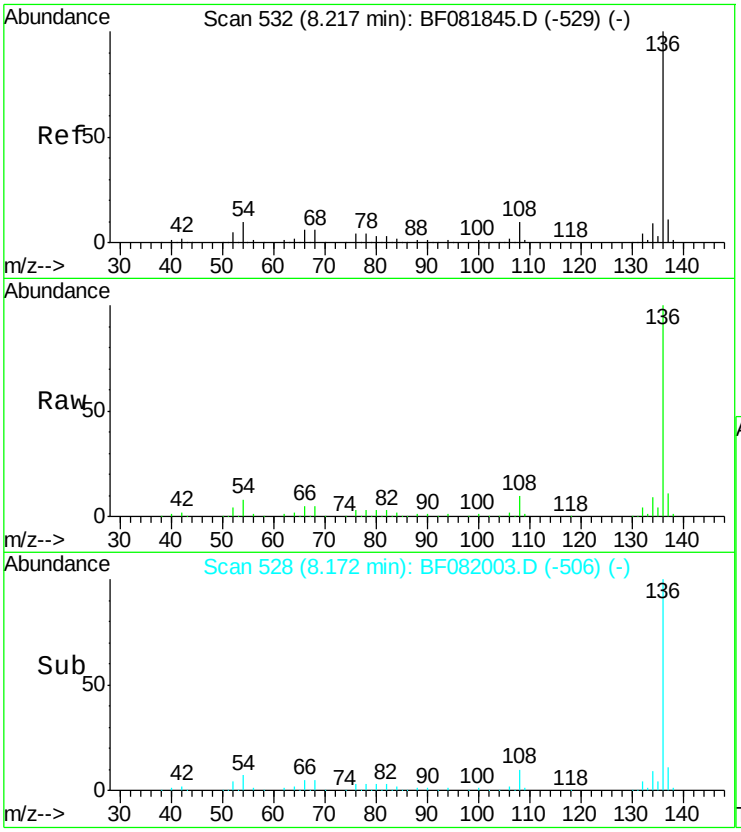


#19
n-Nitroso-di-n-propylamine
Concen: 13.44 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.10 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion: 70 Resp: 55381

Ion	Ratio	Lower	Upper
70	100		
42	45.4	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



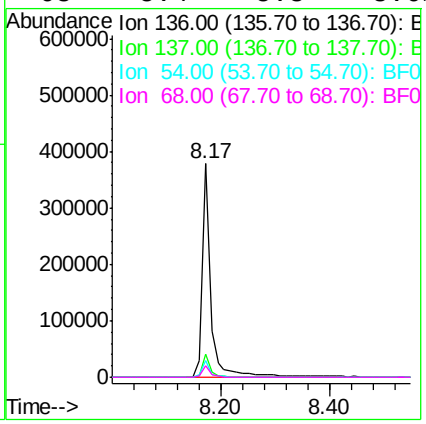


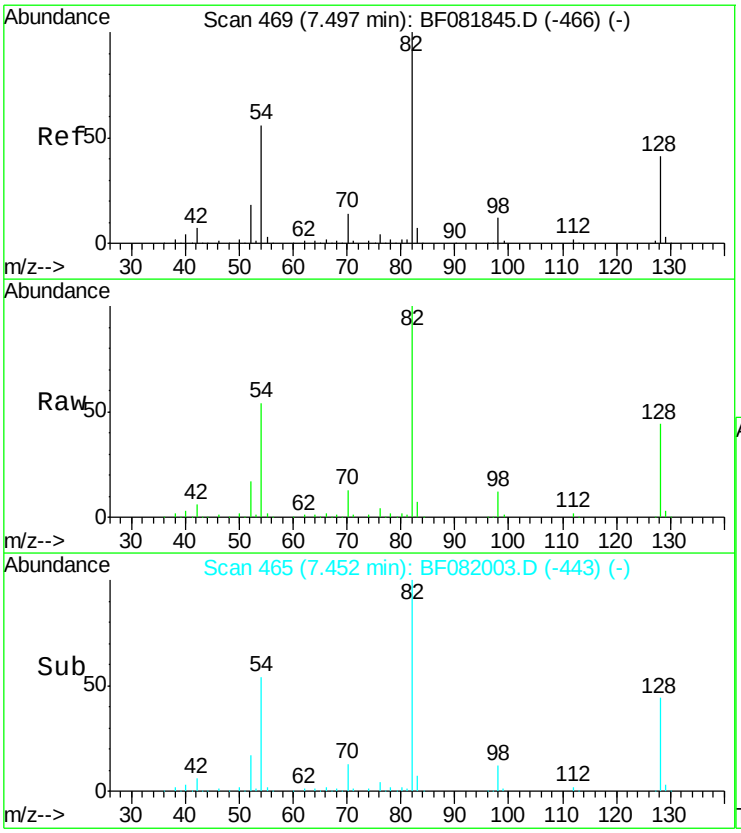
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion:136 Resp: 410212

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.6	8.2	12.2#
68	5.4	5.8	8.6#

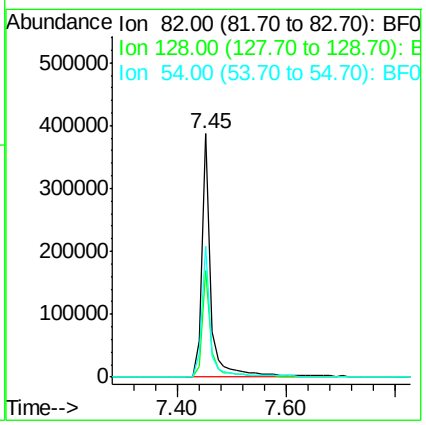


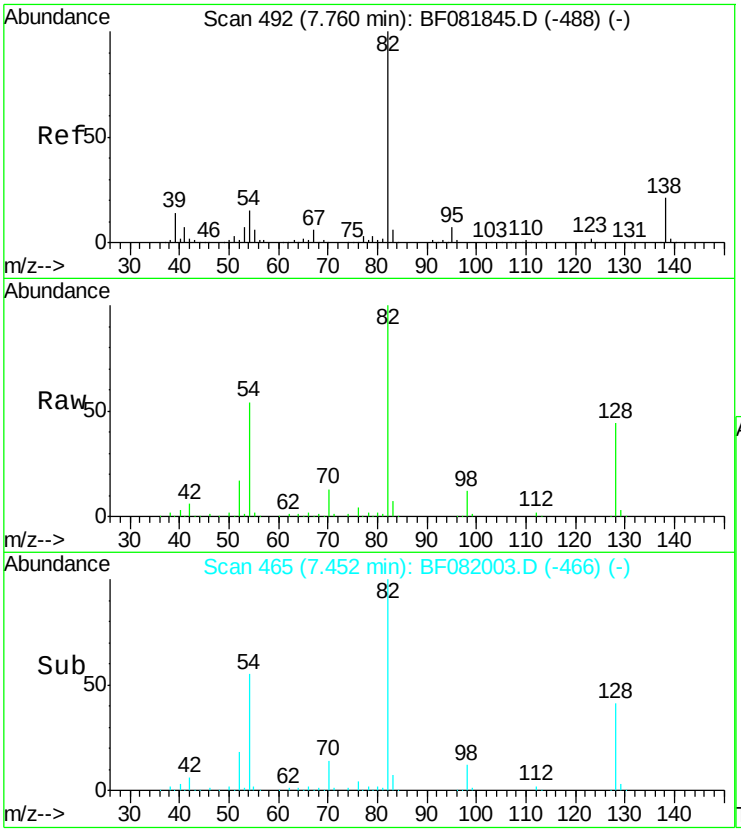


#23
Nitrobenzene-d5
Concen: 71.75 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion: 82 Resp: 441556

Ion	Ratio	Lower	Upper
82	100		
128	43.8	51.0	76.6#
54	54.0	47.5	71.3



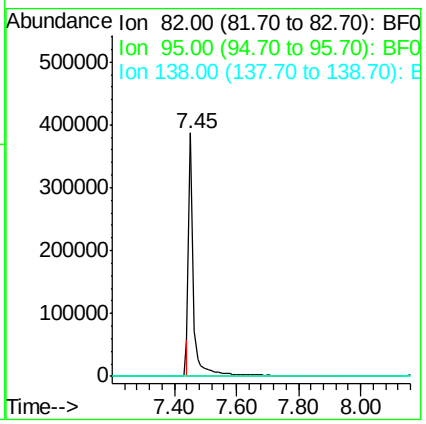


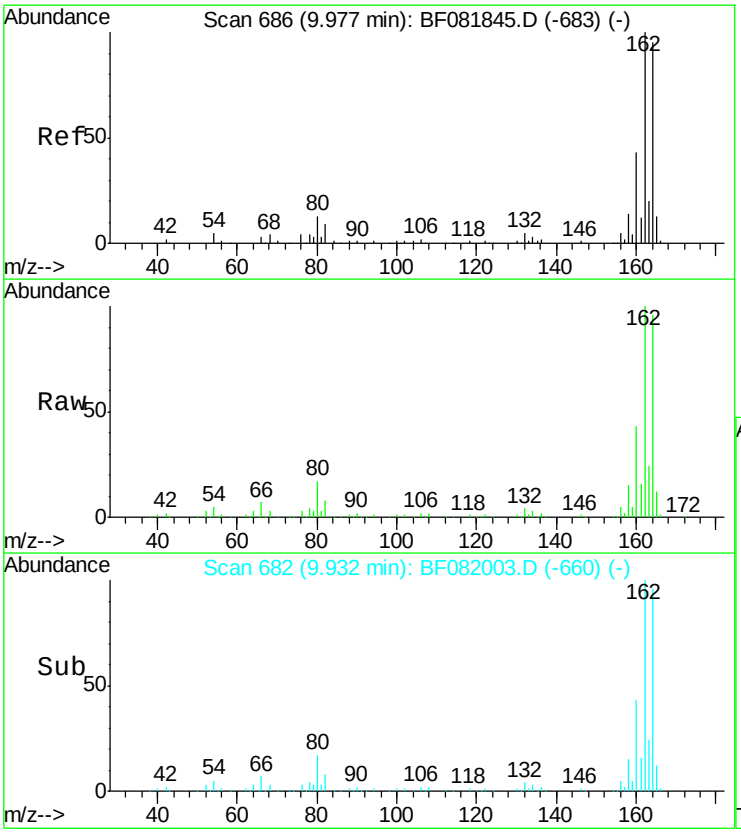
#25
Isophorone
Concen: 32.93 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.31 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion: 82 Resp: 401678

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

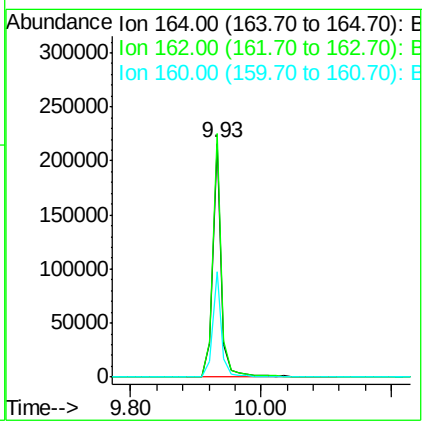


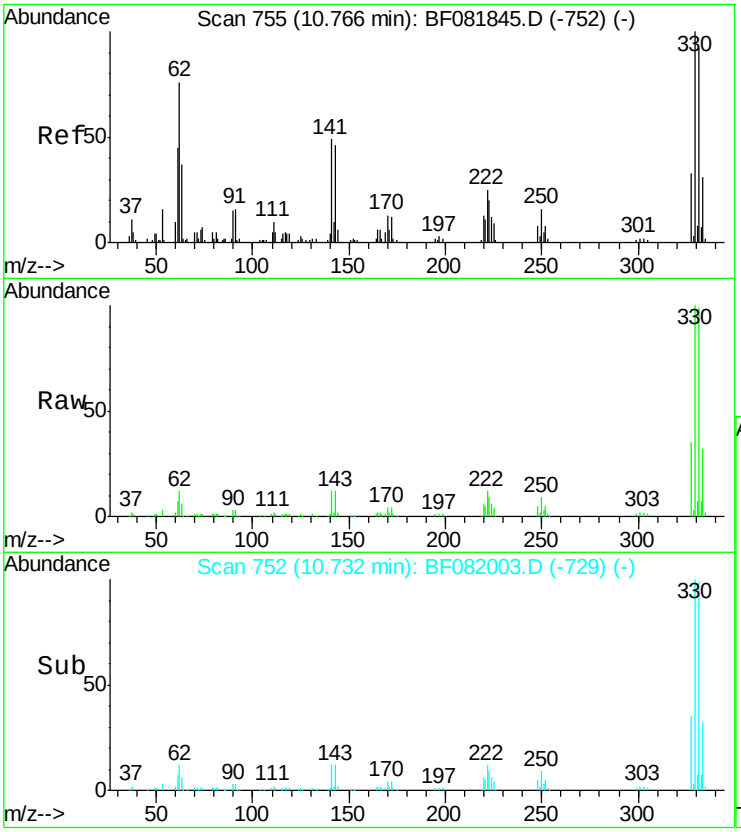


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion:164 Resp: 205719

Ion	Ratio	Lower	Upper
164	100		
162	104.2	75.2	112.8
160	45.1	31.5	47.3



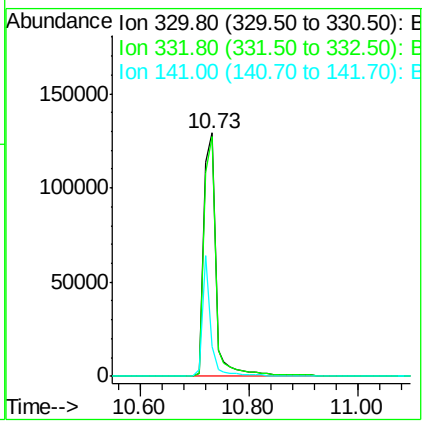


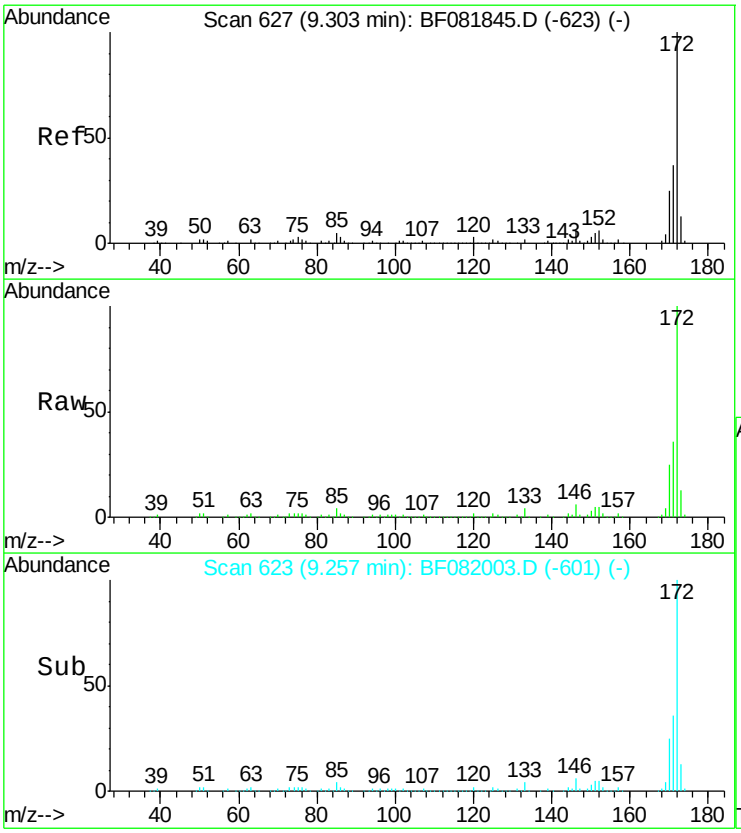
#41
2,4,6-Tribromophenol
Concen: 96.56 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion:330 Resp: 201184

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	33.4	29.7	44.5

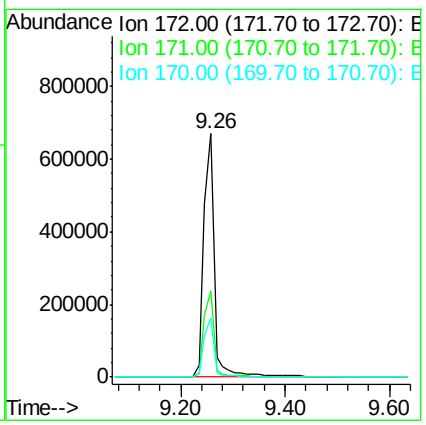


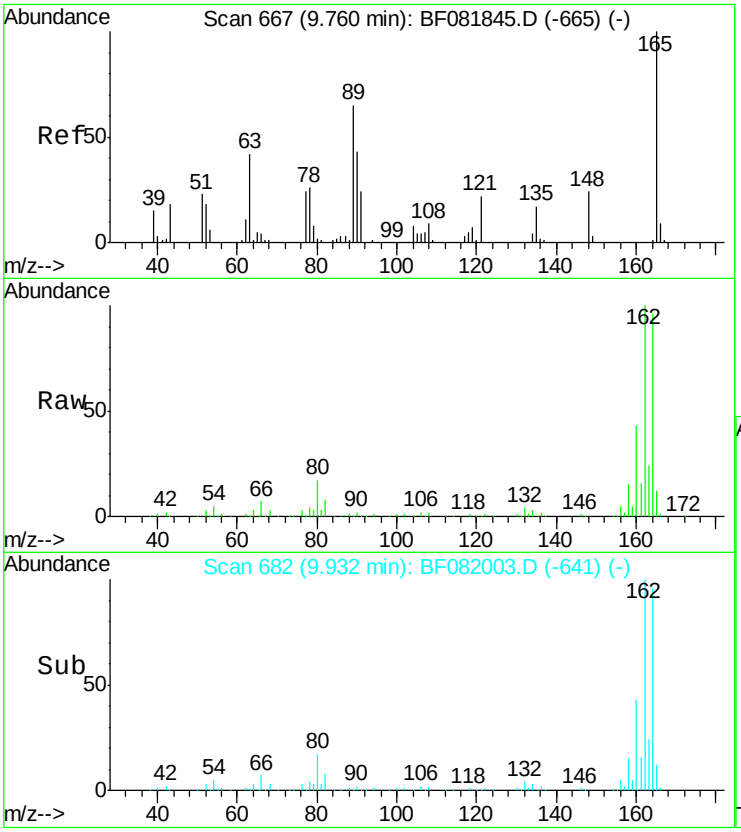


#44
2-Fluorobiphenyl
Concen: 74.89 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion:172 Resp: 942187

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.5	17.4	26.2



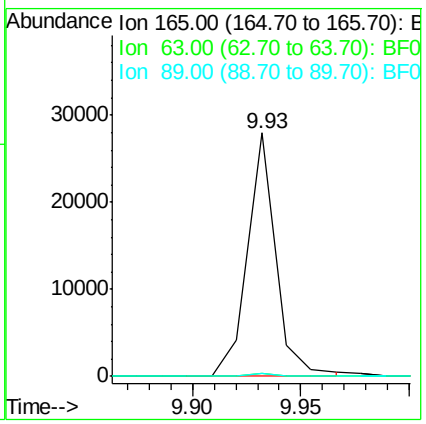


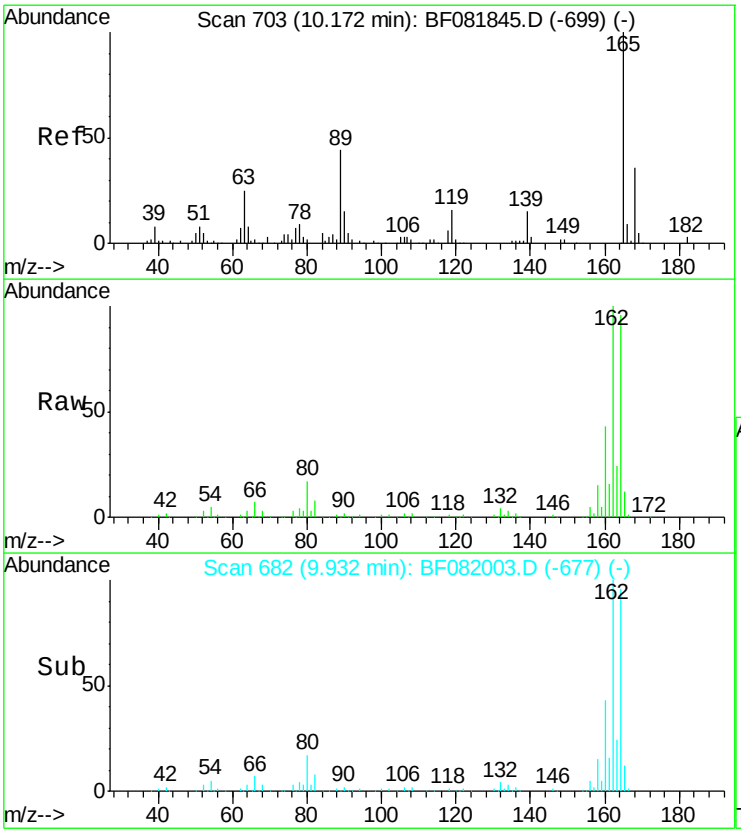
#50
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.17 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion:165 Resp: 25310

Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.3	48.5#
89	1.3	28.6	43.0#

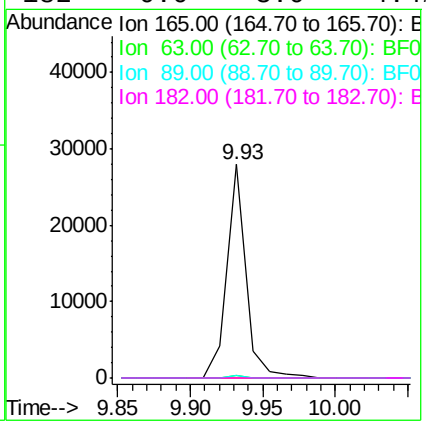


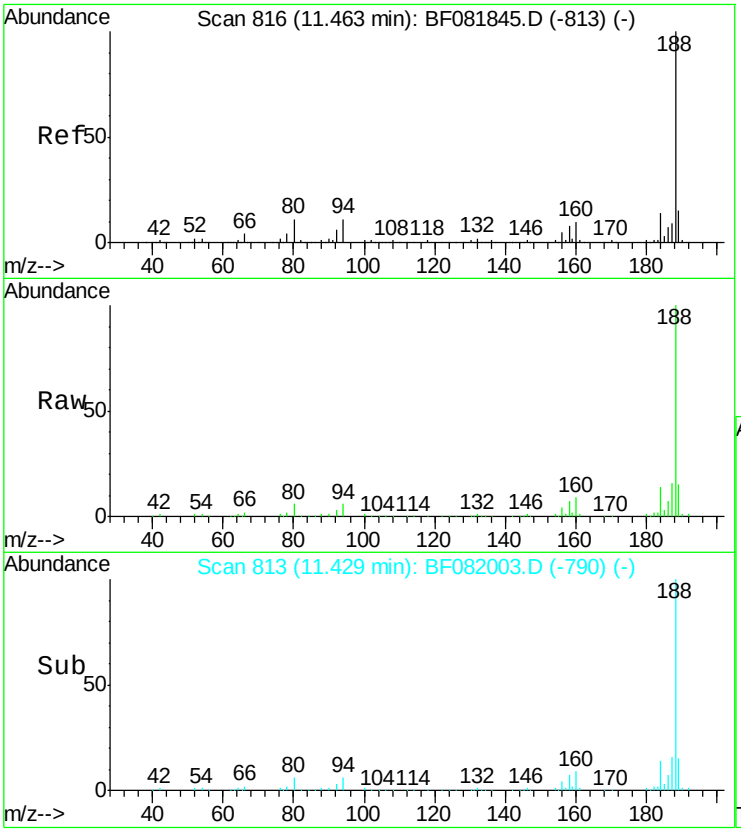


#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion:165 Resp: 25515

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#



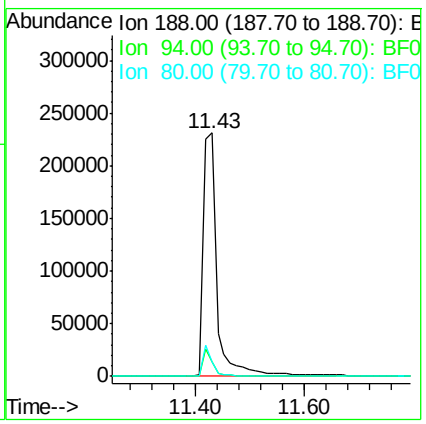


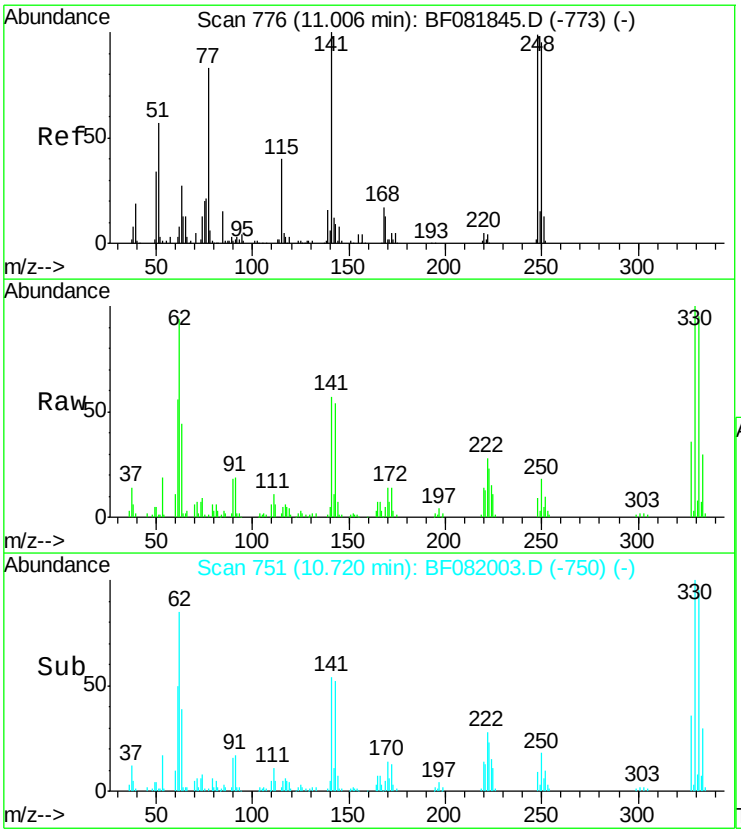
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion:188 Resp: 404324

Ion	Ratio	Lower	Upper
188	100		
94	5.9	11.1	16.7#
80	5.9	11.0	16.4#

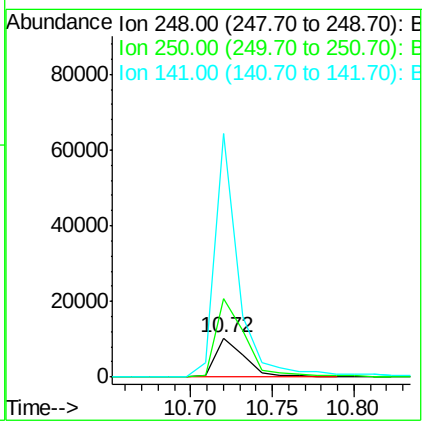


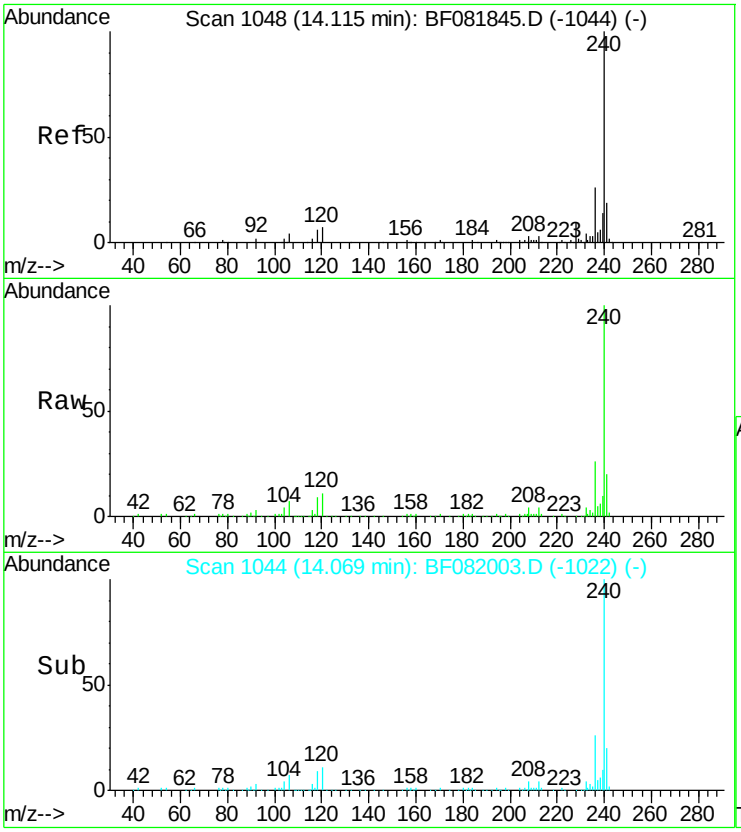


#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion:248 Resp: 12658

Ion	Ratio	Lower	Upper
248	100		
250	201.0	78.5	117.7#
141	622.3	59.0	88.6#



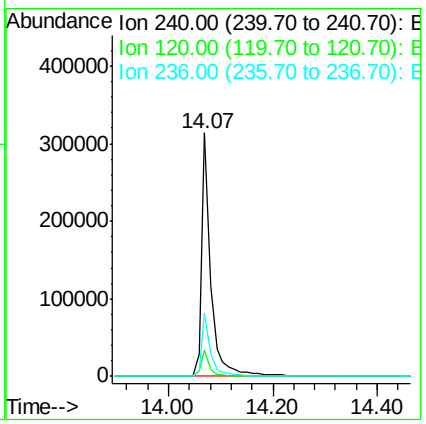


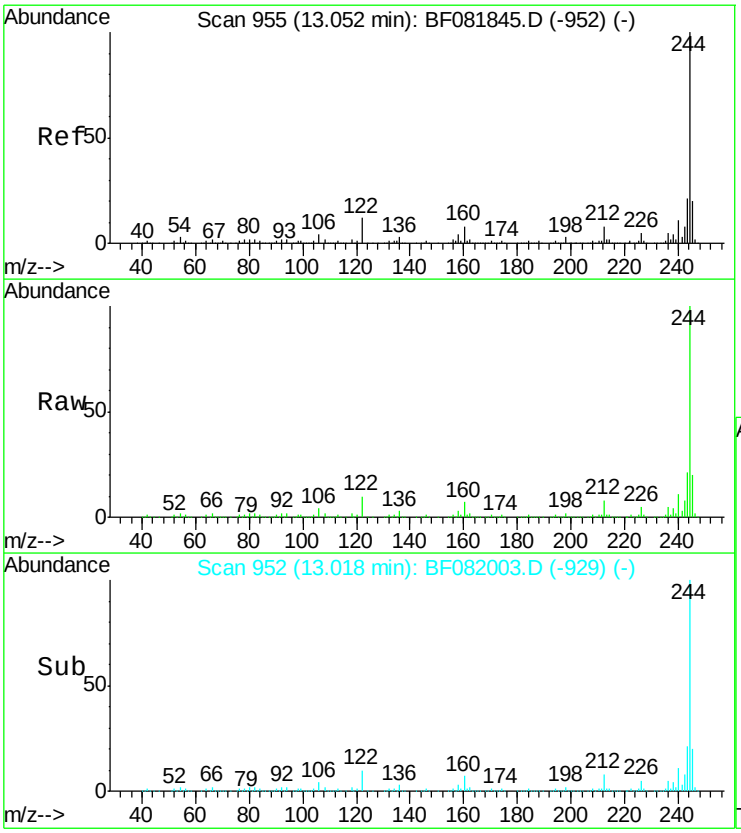
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion:240 Resp: 389604

Ion	Ratio	Lower	Upper
240	100		
120	10.6	16.2	24.2#
236	26.2	18.4	27.6

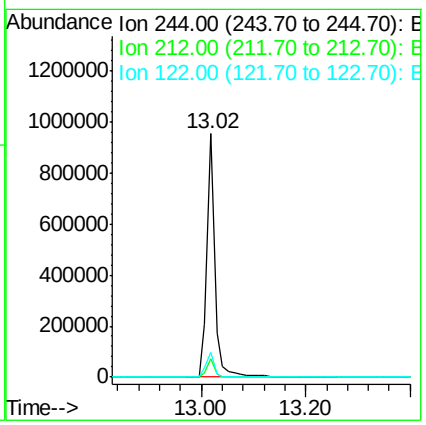


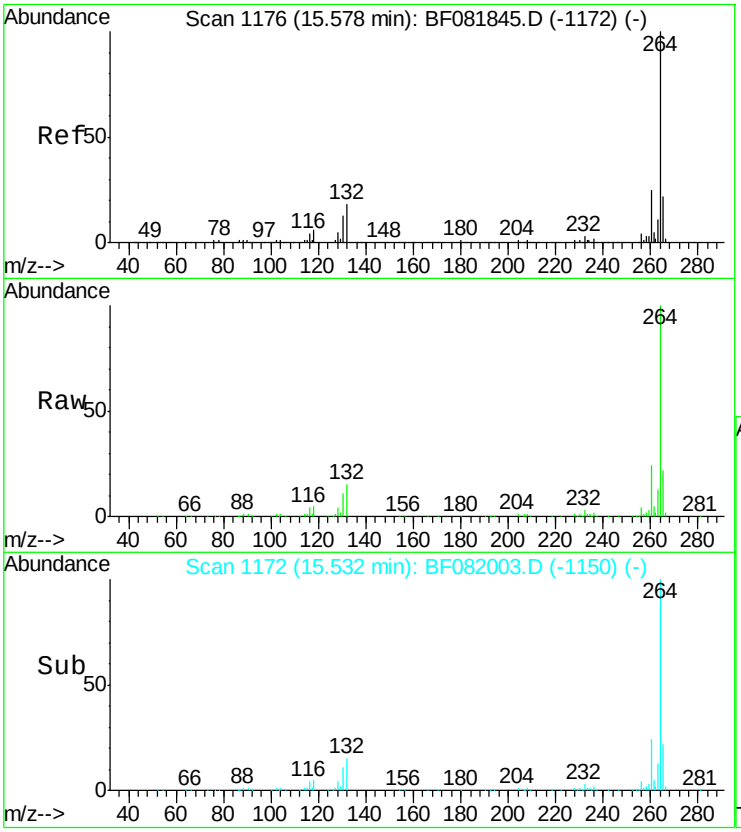


#78
Terphenyl-d14
Concen: 83.99 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion:244 Resp: 1016504

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	10.3	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion:264 Resp: 292506

Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.6	17.2	25.8