Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082098.D
Acq On : 6 Oct 2015 22:14
Operator : UM/IZ
Sample : G3626-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-23(10-12)

Quant Time: Oct 07 02:08:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	79396	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	312780	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	146545	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	248508	20.00	ng	0.00
75) Chrysene-d12	14.06	240	226996	20.00	ng	-0.01
86) Perylene-d12	15.51	264	178230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	475725	108.77	ng	0.00
7) Phenol-d6	6.51	99	609112	110.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	392656	83.68	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	145734	98.19	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	580172	62.99	ng	0.00
78) Terphenyl-d14	13.01	244	469780	62.03	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.45	82	299702	32.23	ng	# 59
32) Benzoic acid	7.82	122	305	7.44	ng	# 48
35) Caprolactam	8.58	113	3458	2.99	ng	# 1
49) Dimethylphthalate	9.65	163	140557	13.90	ng	# 98
53) 2,4-Dinitrophenol	10.21	184	1051	Below Cal		# 77
57) Fluorene	10.47	166	5997	Below Cal		# 54
65) n-Nitrosodiphenylamine	10.58	169	16747	2.23	ng	# 54
66) 4-Bromophenyl-phenylether	10.72	248	9828	3.92	ng	# 1
70) Phenanthrene	11.44	178	18769	Below Cal		# 83
77) Pyrene	12.86	202	41003	3.02	ng	97

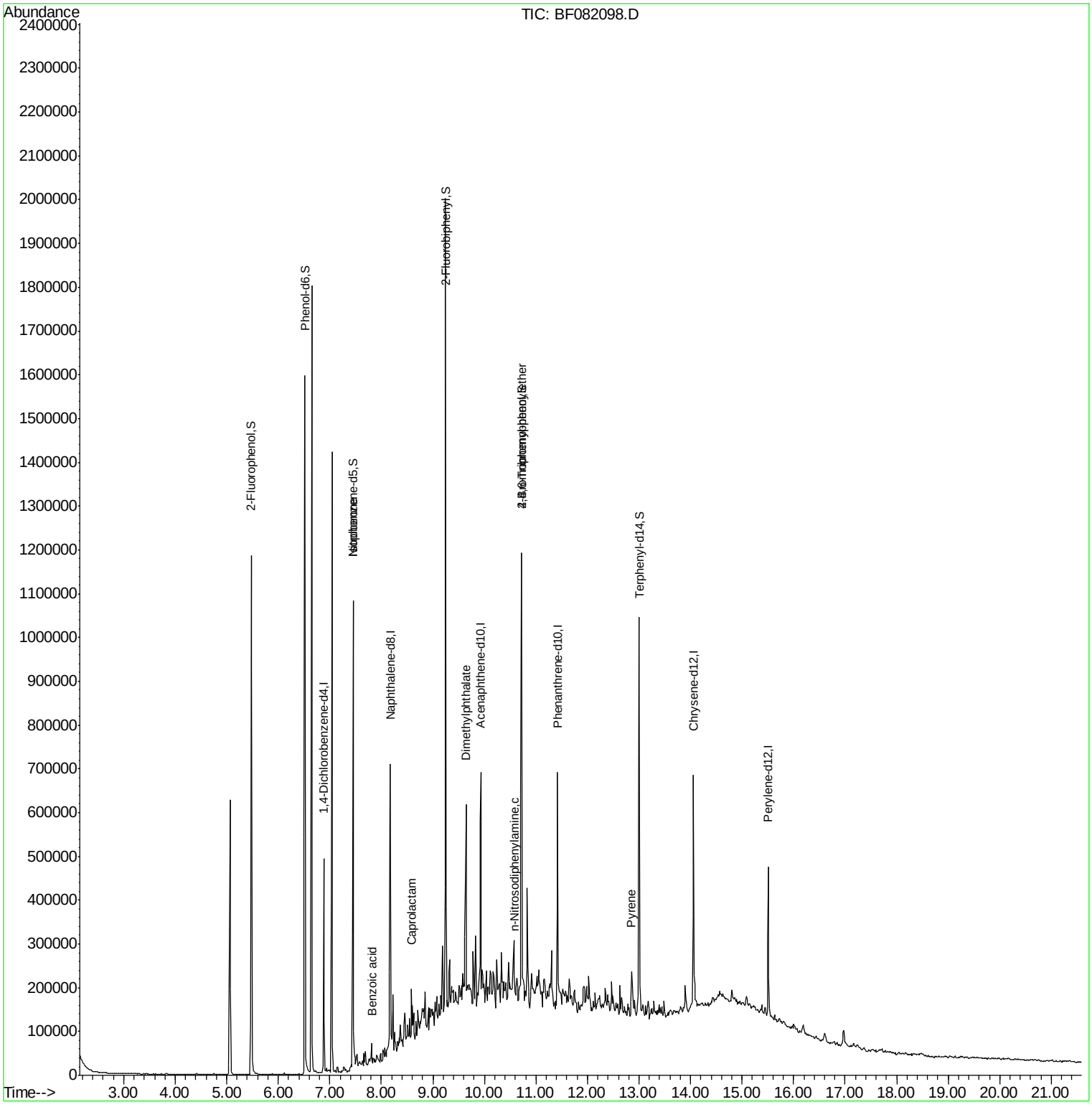
(#) = qualifier out of range (m) = manual integration (+) = signals summed

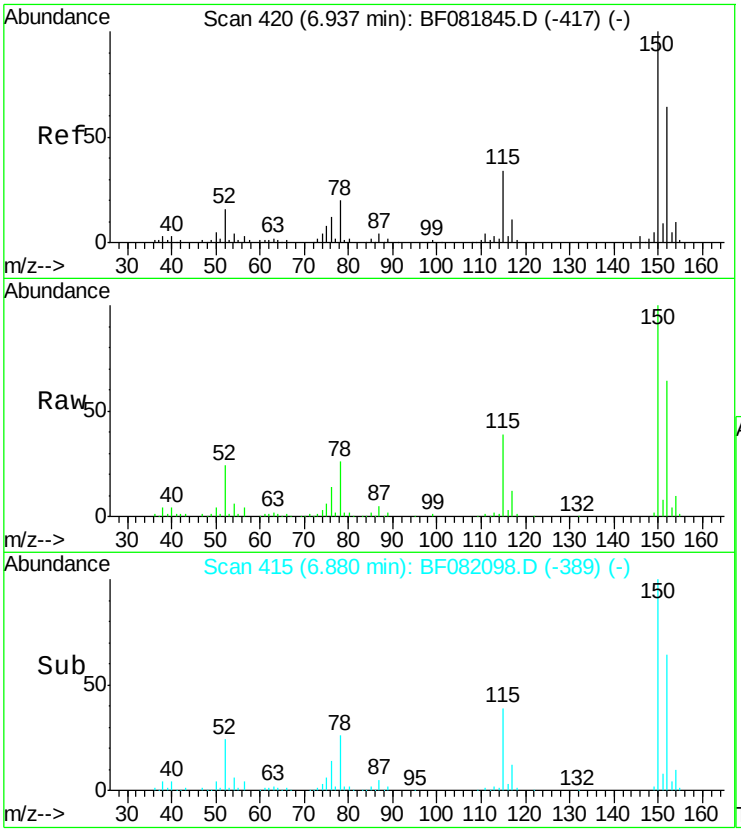
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082098.D
Acq On : 6 Oct 2015 22:14
Operator : UM/IZ
Sample : G3626-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-23(10-12)

Quant Time: Oct 07 02:08:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration



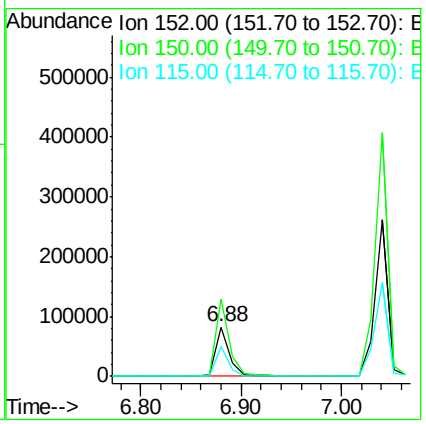


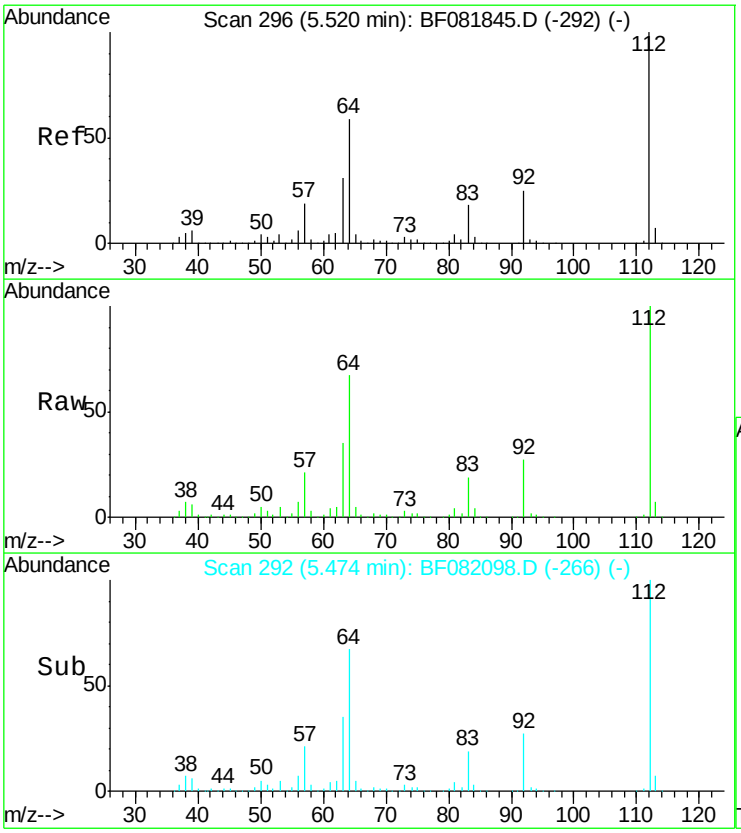
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion:152 Resp: 79396

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.7	187.1
115	61.1	39.0	58.4#

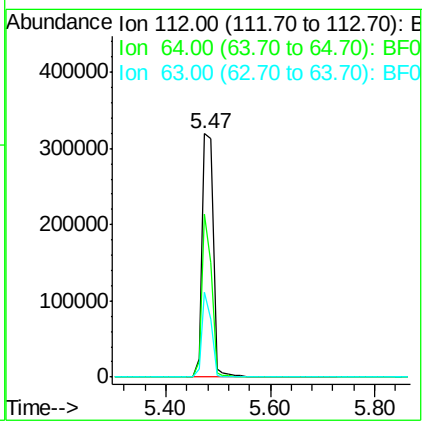


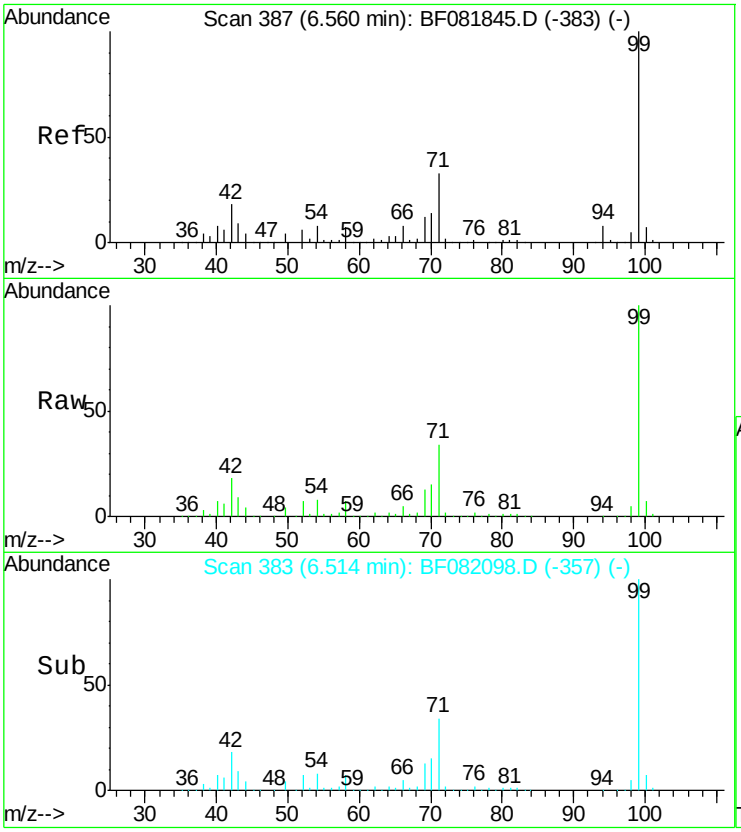


#5
2-Fluorophenol
Concen: 108.77 ng
RT: 5.47 min Scan# 292
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Tgt Ion:112 Resp: 475725

Ion	Ratio	Lower	Upper
112	100		
64	67.2	39.7	59.5#
63	35.0	17.4	26.0#



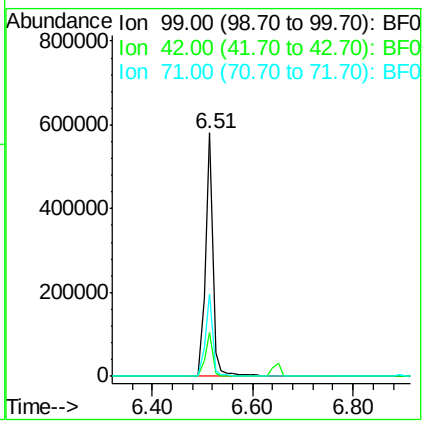


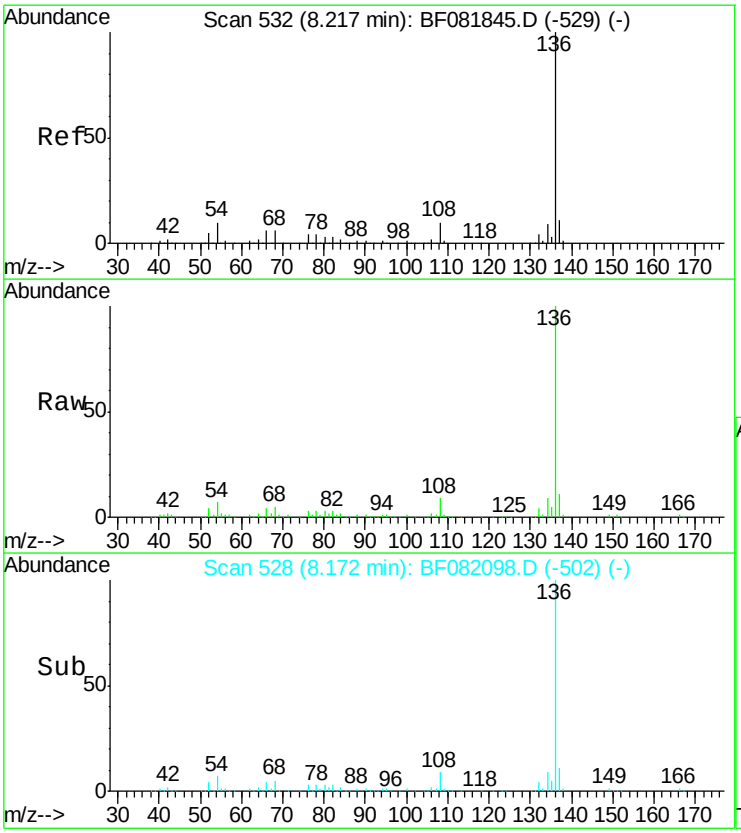
#7
Phenol-d6
Concen: 110.68 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion: 99 Resp: 609112

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	33.9	14.2	21.2#

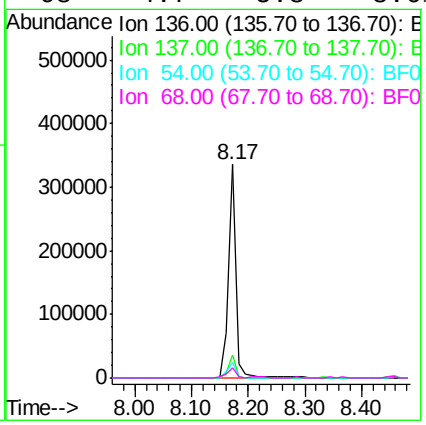


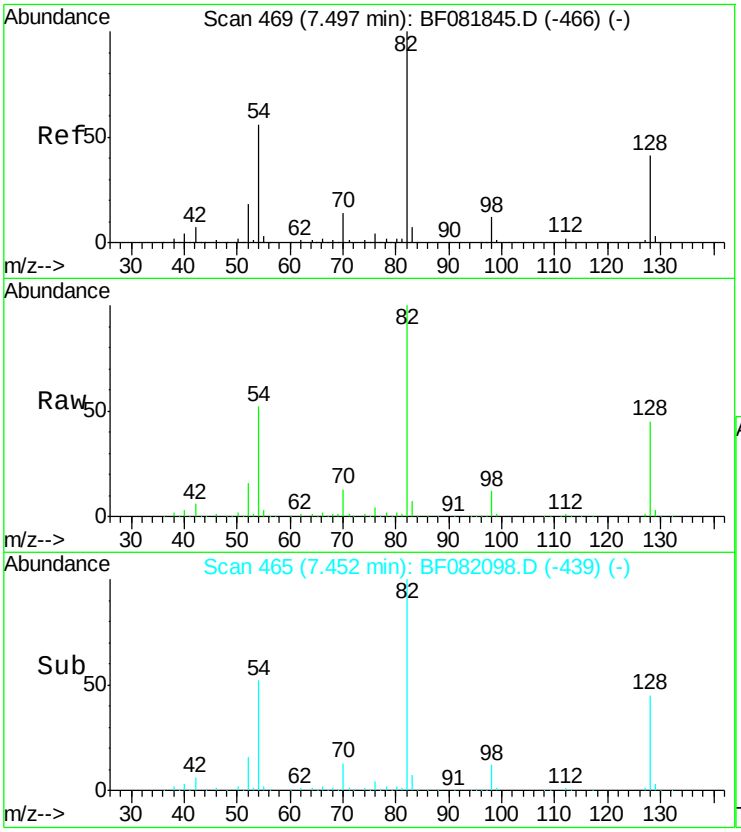


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Tgt Ion:136 Resp: 312780

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.9	8.2	12.2#
68	4.7	5.8	8.6#



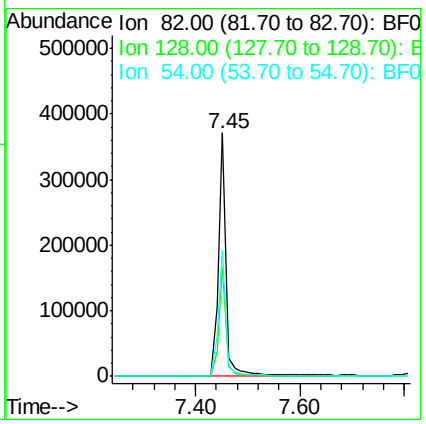


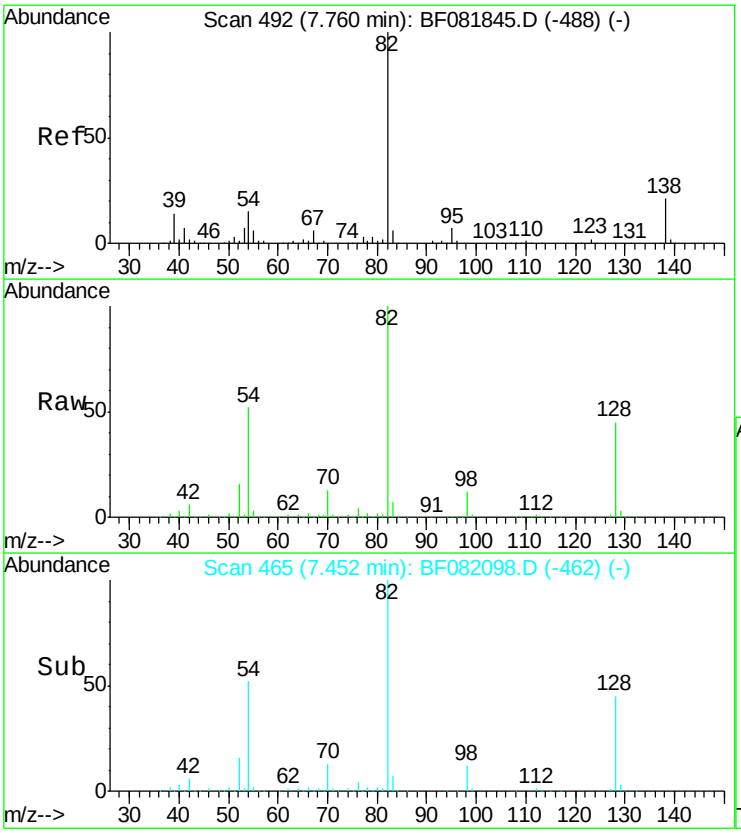
#23
Nitrobenzene-d5
Concen: 83.68 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion: 82 Resp: 392656

Ion	Ratio	Lower	Upper
82	100		
128	44.6	51.0	76.6#
54	51.8	47.5	71.3

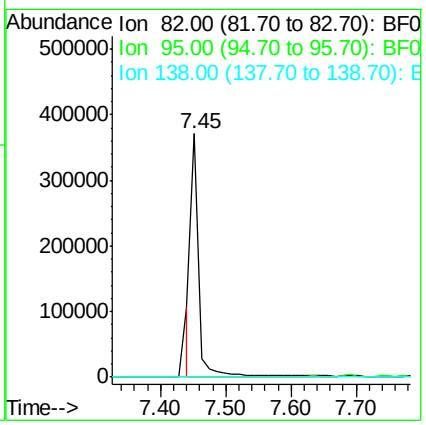


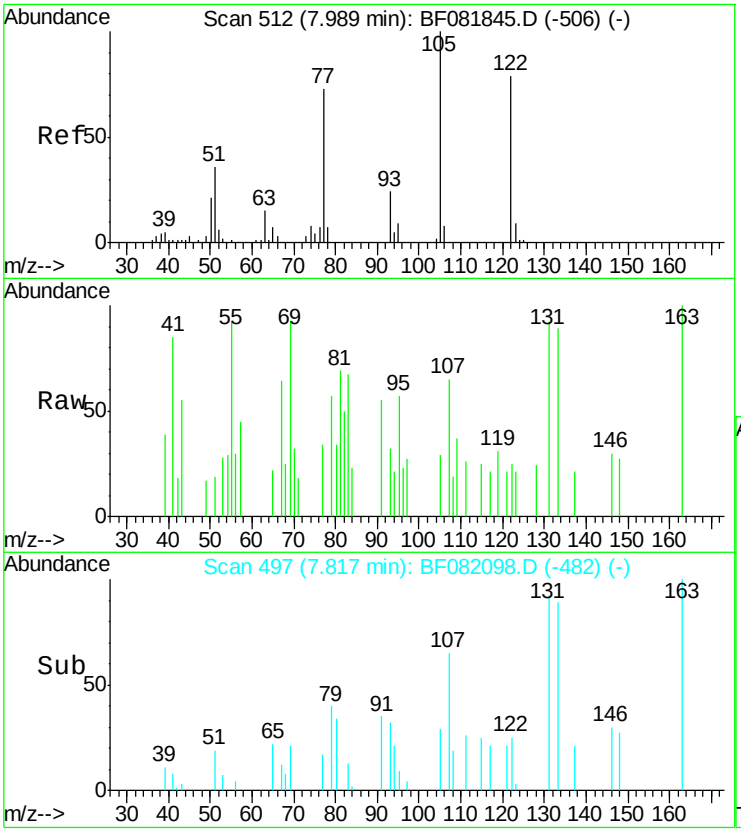


#25
Isophorone
Concen: 32.23 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.26 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Tgt Ion: 82 Resp: 299702

Ion	Ratio	Lower	Upper
82	100		
95	0.2	4.0	6.0#
138	0.0	18.3	27.5#



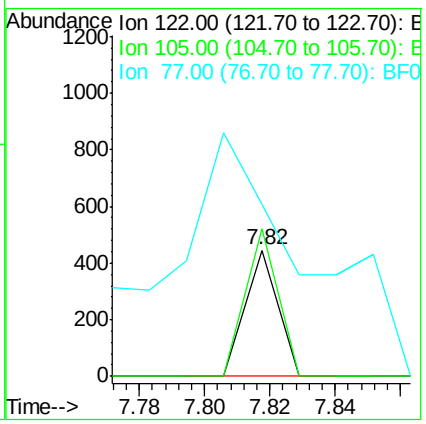


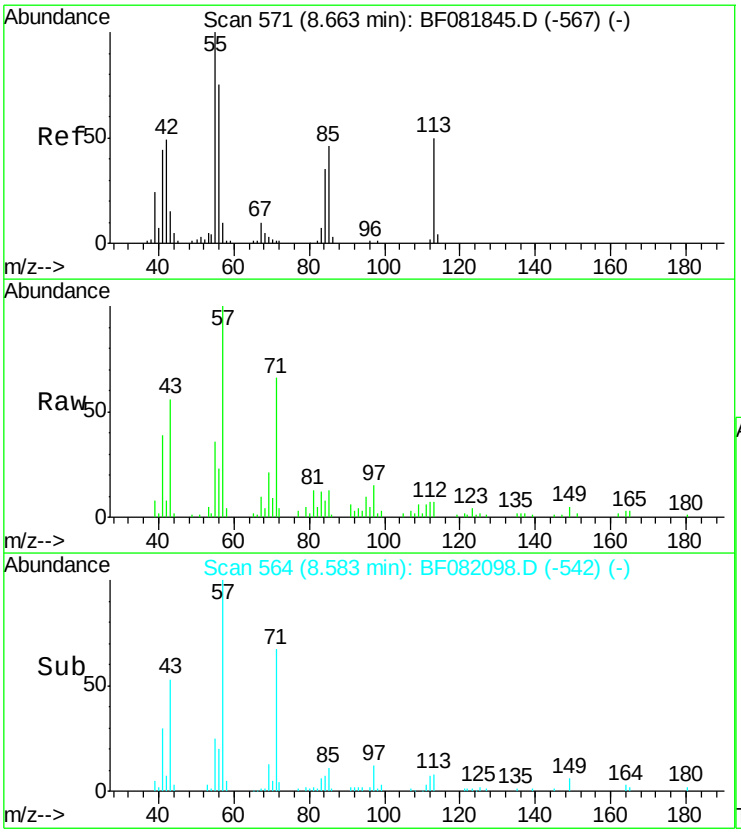
#32
Benzoic acid
Concen: 7.44 ng
RT: 7.82 min Scan# 497
Delta R.T. -0.13 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion:122 Resp: 305

Ion	Ratio	Lower	Upper
122	100		
105	116.9	76.1	116.1#
77	136.4	40.5	80.5#

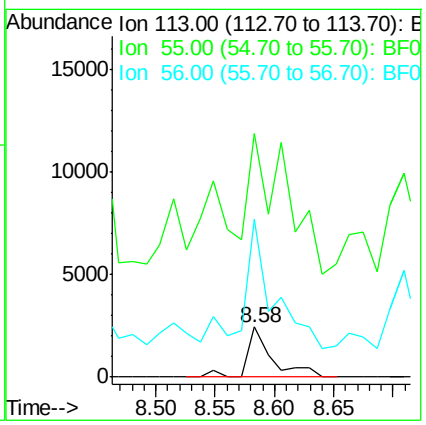


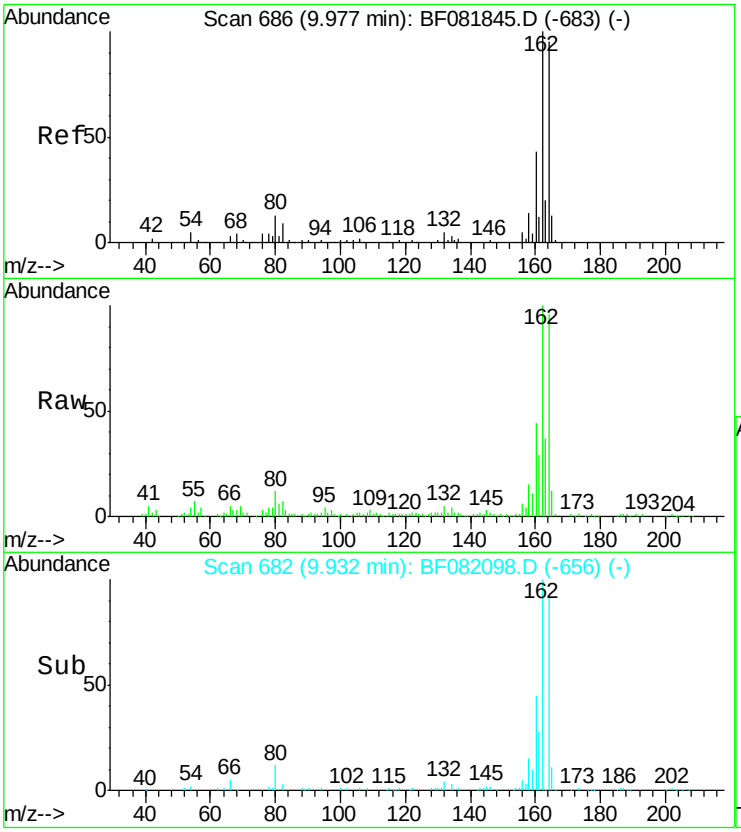


#35
Caprolactam
Concen: 2.99 ng
RT: 8.58 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Tgt Ion:113 Resp: 3458

Ion	Ratio	Lower	Upper
113	100		
55	488.5	152.4	192.4#
56	316.6	104.6	144.6#



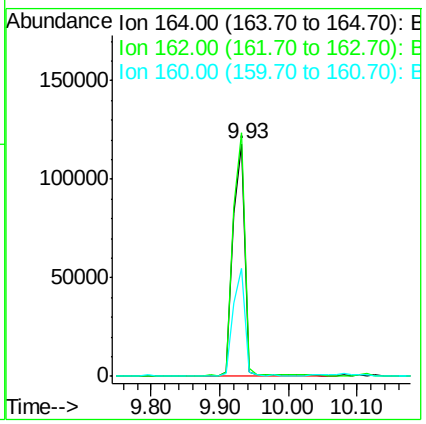


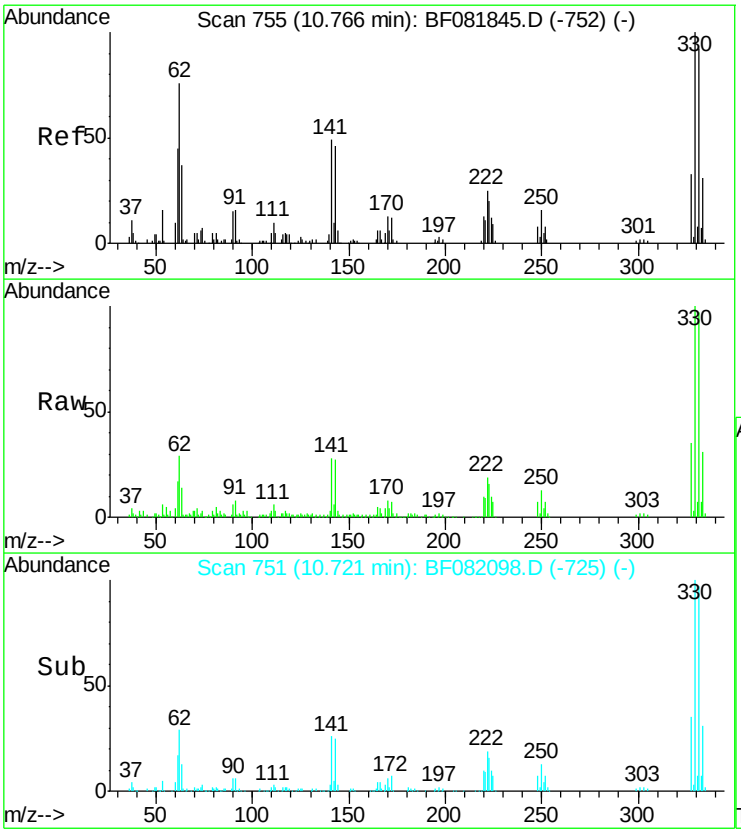
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion:164 Resp: 146545

Ion	Ratio	Lower	Upper
164	100		
162	104.7	75.2	112.8
160	46.4	31.5	47.3

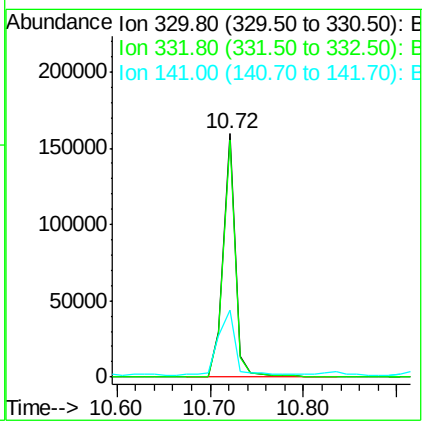


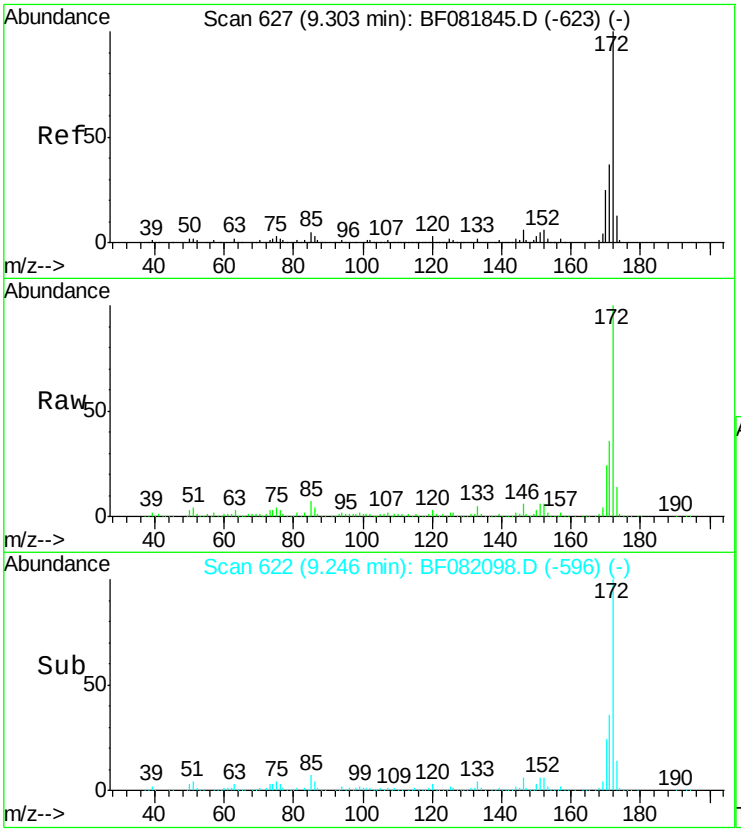


#41
2,4,6-Tribromophenol
Concen: 98.19 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Tgt Ion:330 Resp: 145734

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	36.0	29.7	44.5



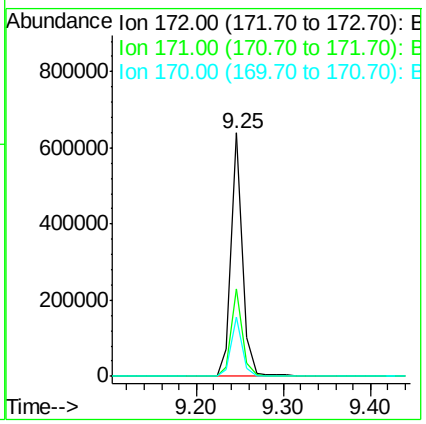


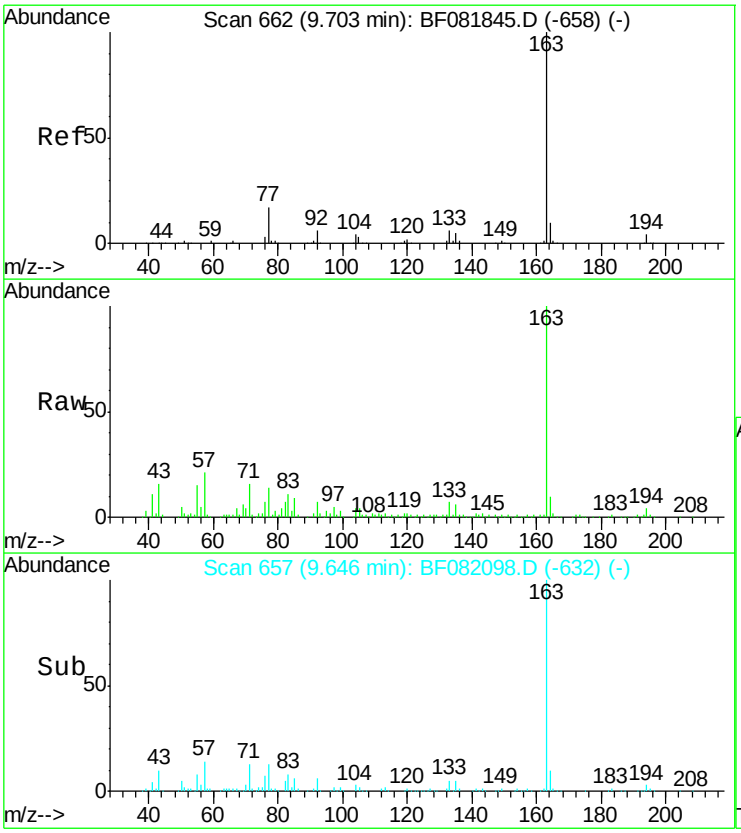
#44
2-Fluorobiphenyl
Concen: 62.99 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion:172 Resp: 580172

Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.5	17.4	26.2

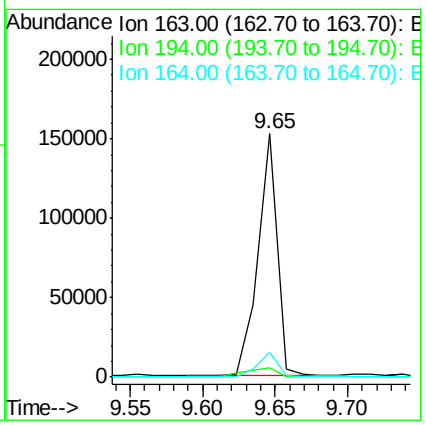


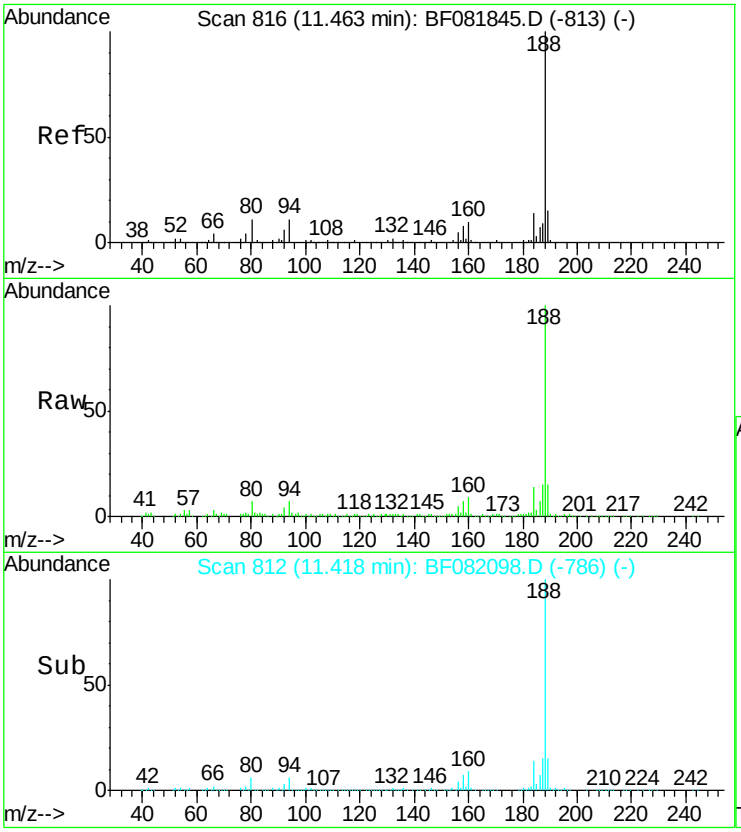


#49
Dimethylphthalate
Concen: 13.90 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Tgt Ion:163 Resp: 140557

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.4	6.6#
164	10.0	8.3	12.5



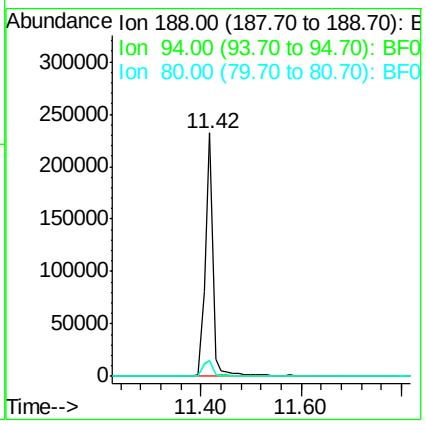


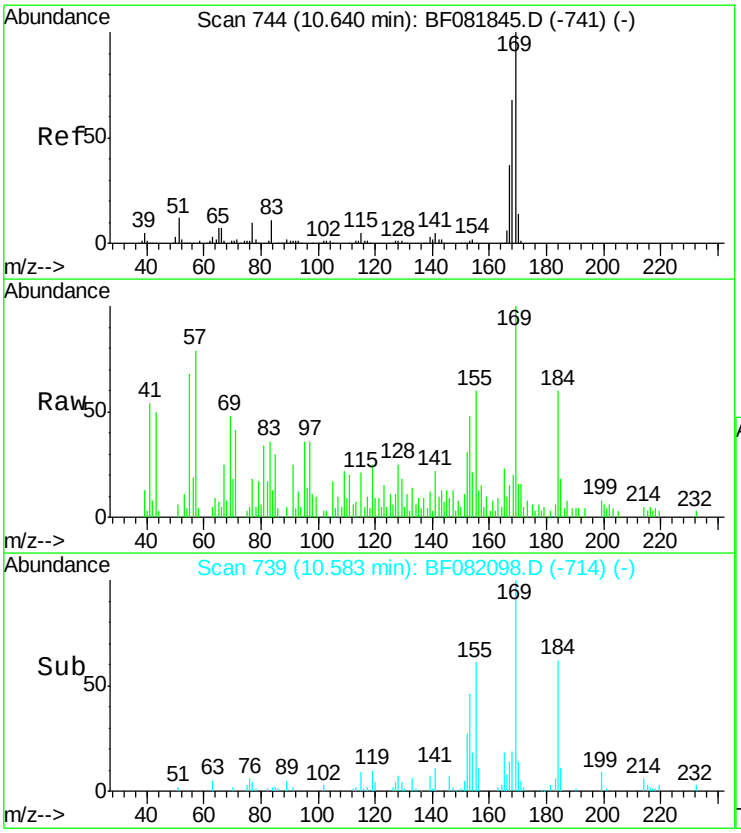
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion:188 Resp: 248508

Ion	Ratio	Lower	Upper
188	100		
94	6.6	11.1	16.7#
80	6.5	11.0	16.4#

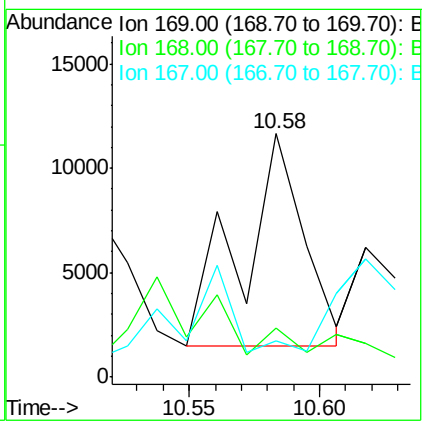


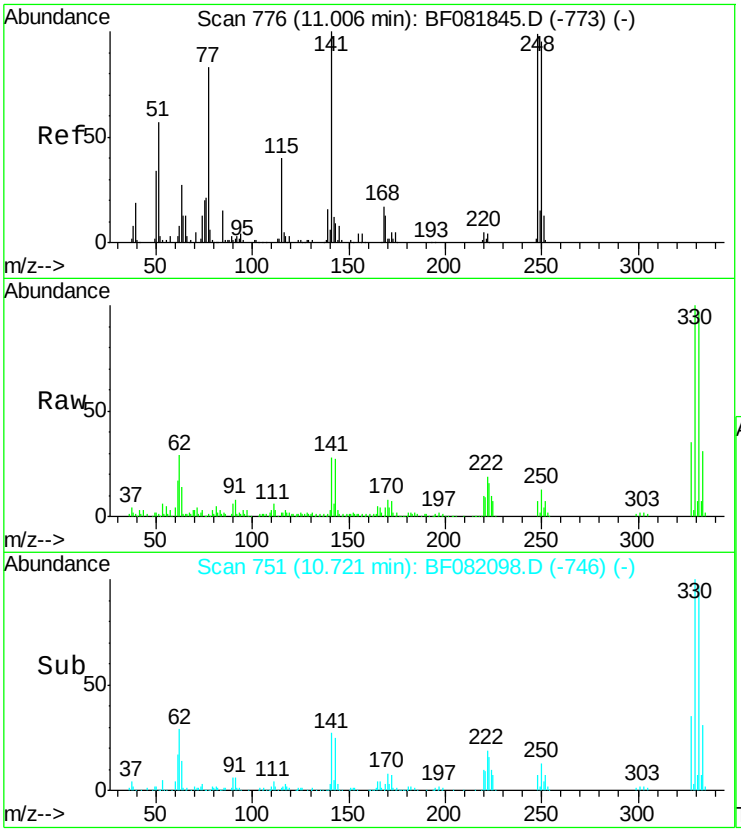


#65
n-Nitrosodiphenylamine
Concen: 2.23 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Tgt Ion:169 Resp: 16747

Ion	Ratio	Lower	Upper
169	100		
168	20.4	48.9	73.3#
167	14.9	26.2	39.4#



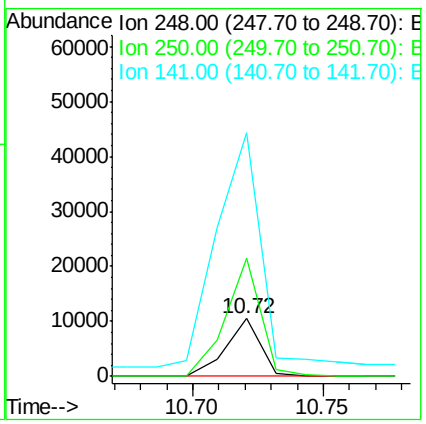


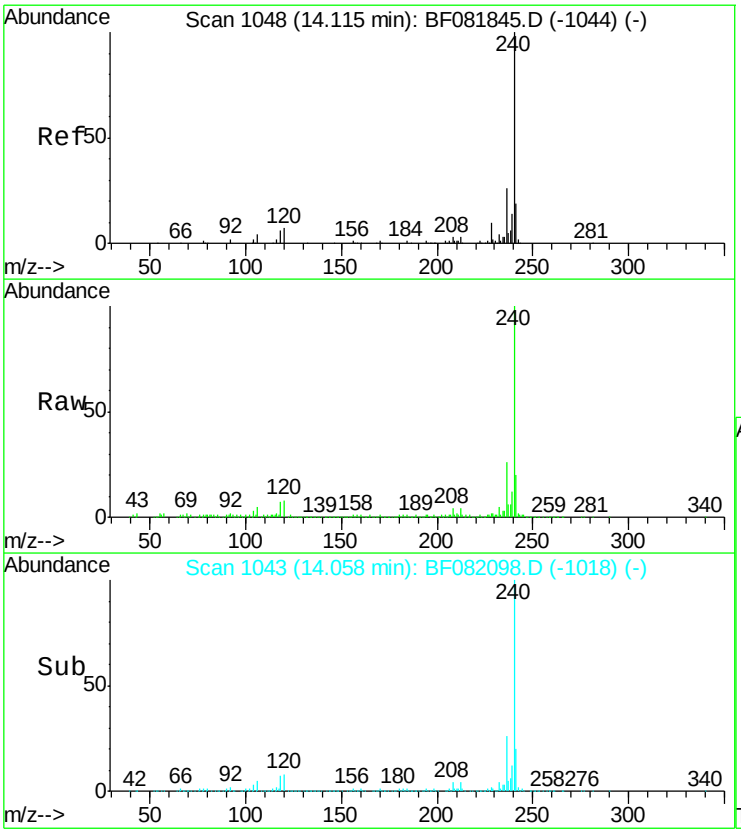
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion:248 Resp: 9828

Ion	Ratio	Lower	Upper
248	100		
250	204.0	78.5	117.7#
141	420.6	59.0	88.6#

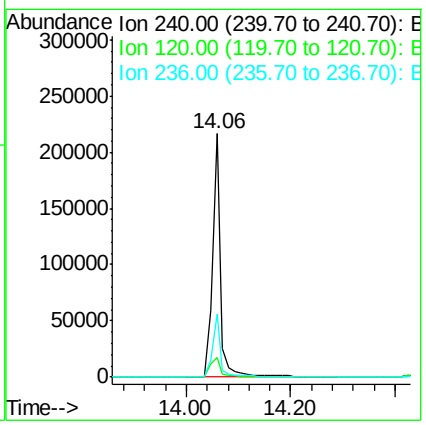


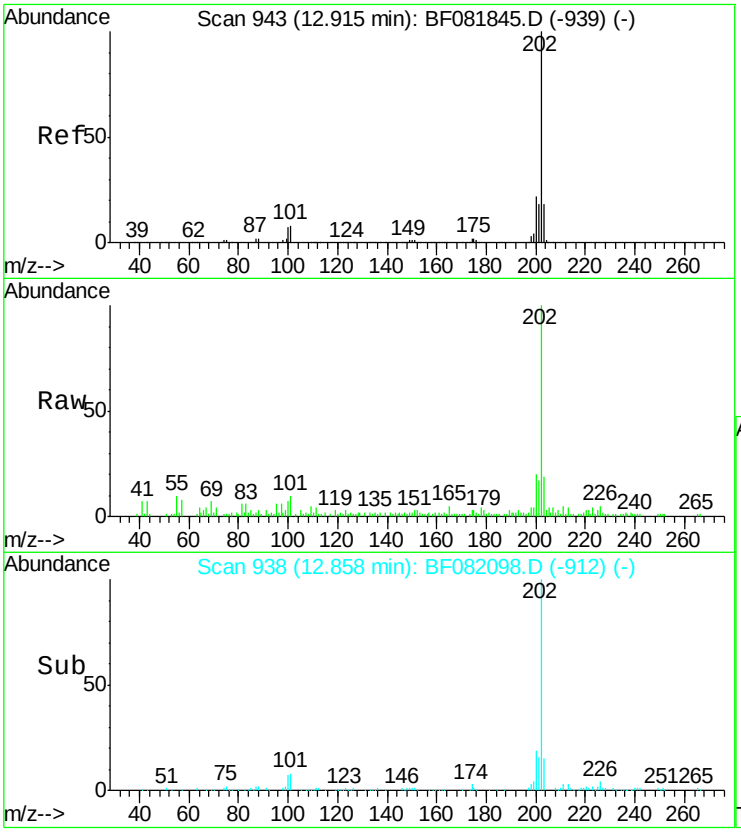


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Tgt Ion:240 Resp: 226996

Ion	Ratio	Lower	Upper
240	100		
120	8.0	16.2	24.2#
236	25.9	18.4	27.6



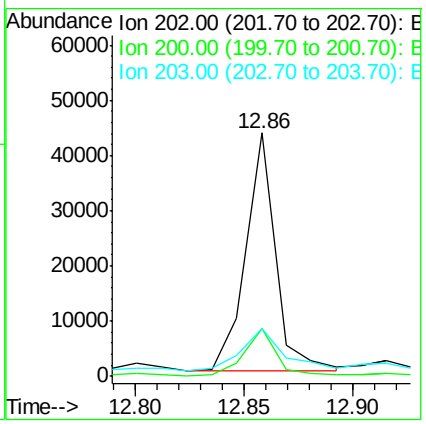


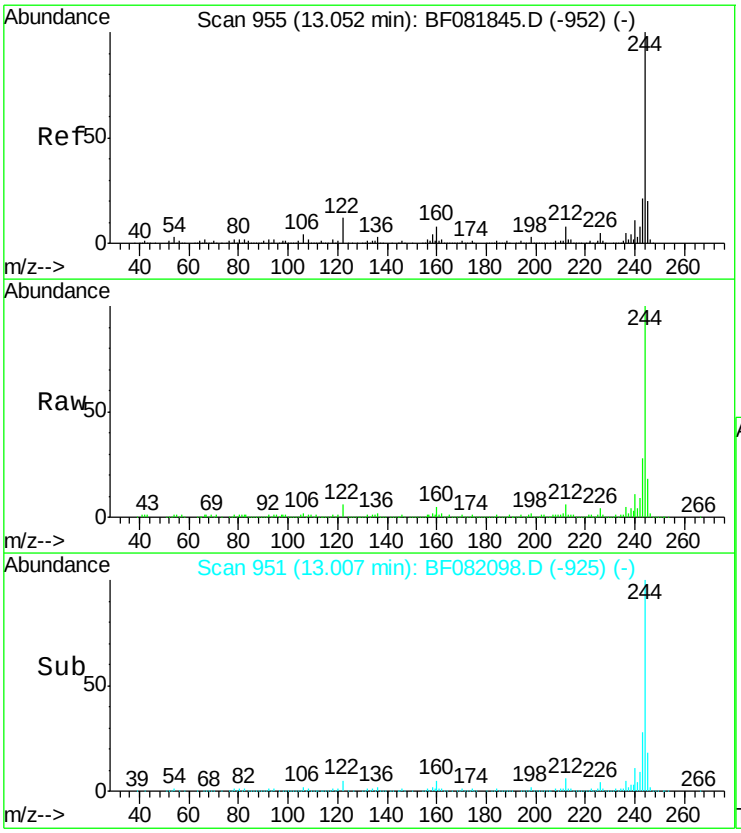
#77
Pyrene
Concen: 3.02 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion:202 Resp: 41003

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.0	22.4
203	19.4	14.1	21.1

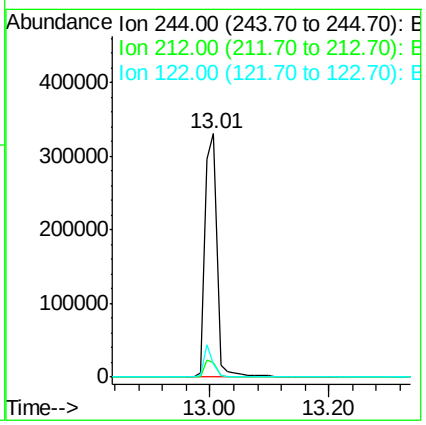


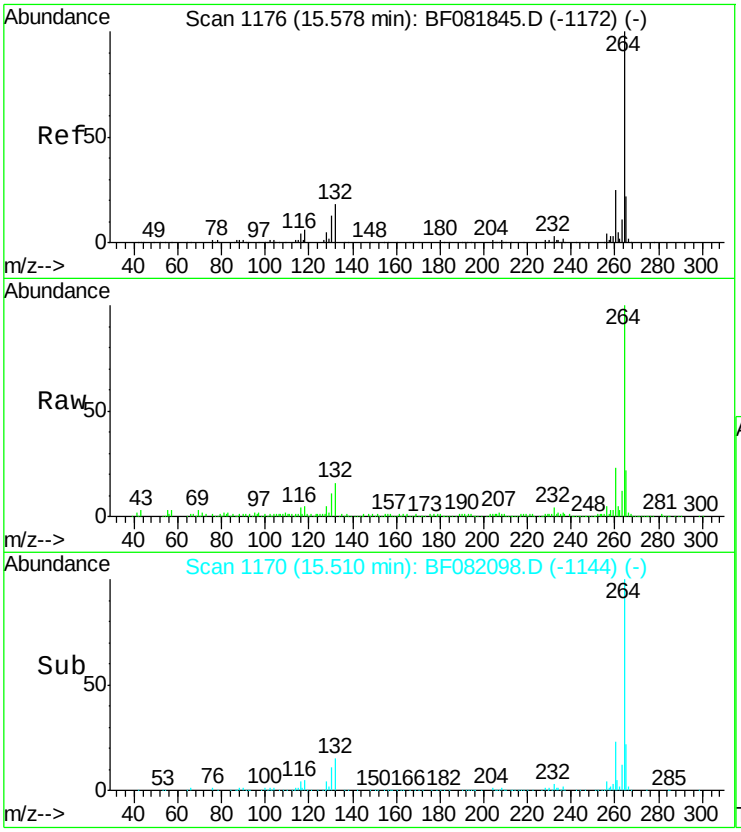


#78
Terphenyl-d14
Concen: 62.03 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Tgt Ion:244 Resp: 469780

Ion	Ratio	Lower	Upper
244	100		
212	6.2	4.3	6.5
122	5.5	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082098.D
Acq: 6 Oct 2015 22:14

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(10-12)

Tgt Ion:264 Resp: 178230

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	22.1	17.2	25.8