Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081758.D
Acq On : 23 Sep 2015 6:29
Operator : UM/IZ
Sample : G3748-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP202-38-40

Quant Time: Sep 23 07:05:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:42:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39942	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	159693	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	76012	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	155966	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	117260	20.00	ng	0.00
86) Perylene-d12	24.77	264	87782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	370077	143.75	ng	0.03
7) Phenol-d6	7.58	99	509323	149.46	ng	0.00
23) Nitrobenzene-d5	9.44	82	335293	101.30	ng	-0.01
41) 2,4,6-Tribromophenol	17.08	330	107542	158.89	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	584716	98.58	ng	-0.01
78) Terphenyl-d14	22.05	244	545835	108.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.52	88	67352	58.25	ng	# 11
15) Benzyl Alcohol	8.46	79	8589	3.07	ng	# 28
19) n-Nitroso-di-n-propylamine	9.44	70	43711	18.85	ng	# 67
32) Benzoic acid	10.93	122	751	2.93	ng	# 9
49) Dimethylphthalate	14.73	163	90202	15.27	ng	# 97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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Acq On : 23 Sep 2015 6:29
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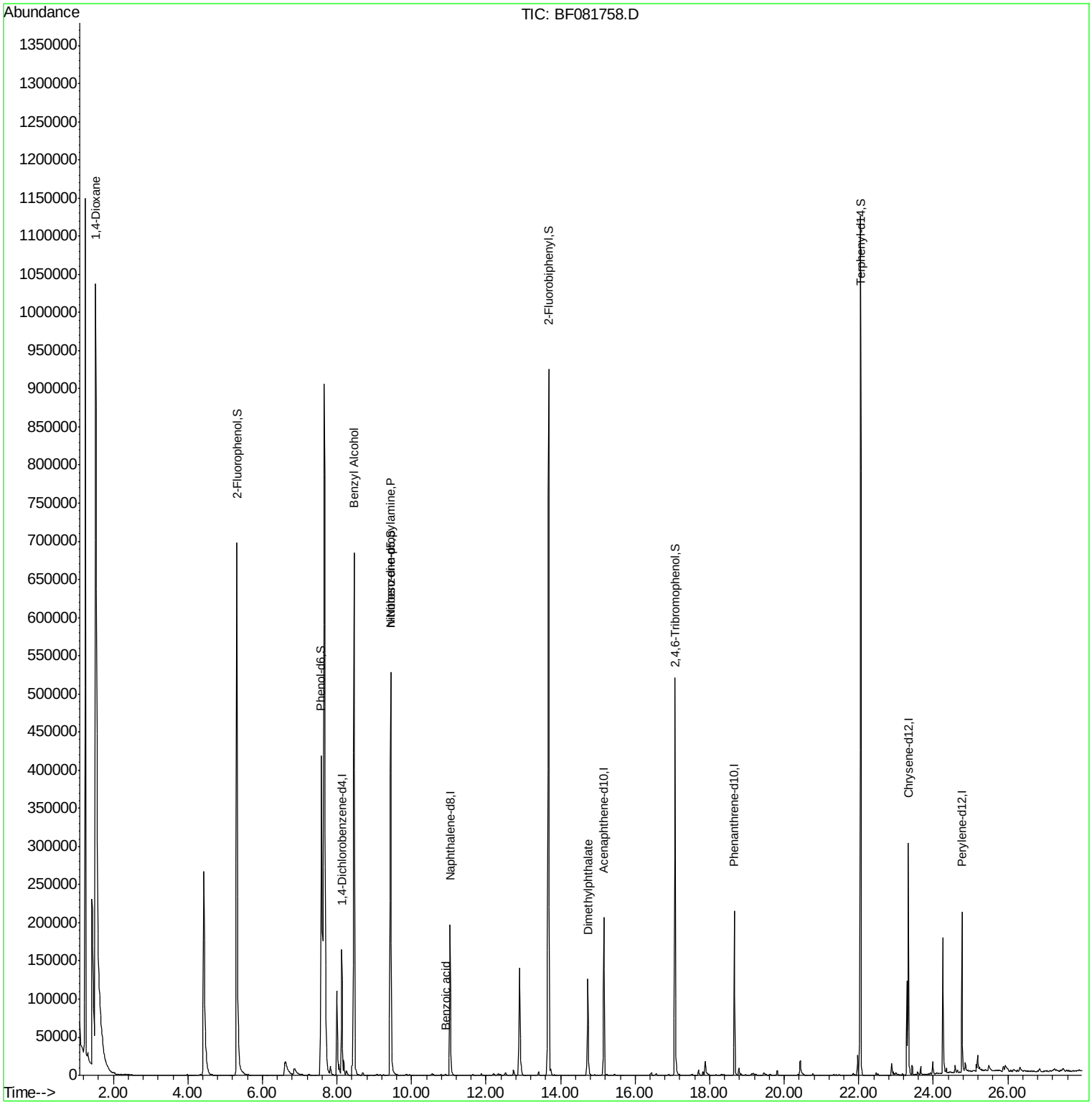
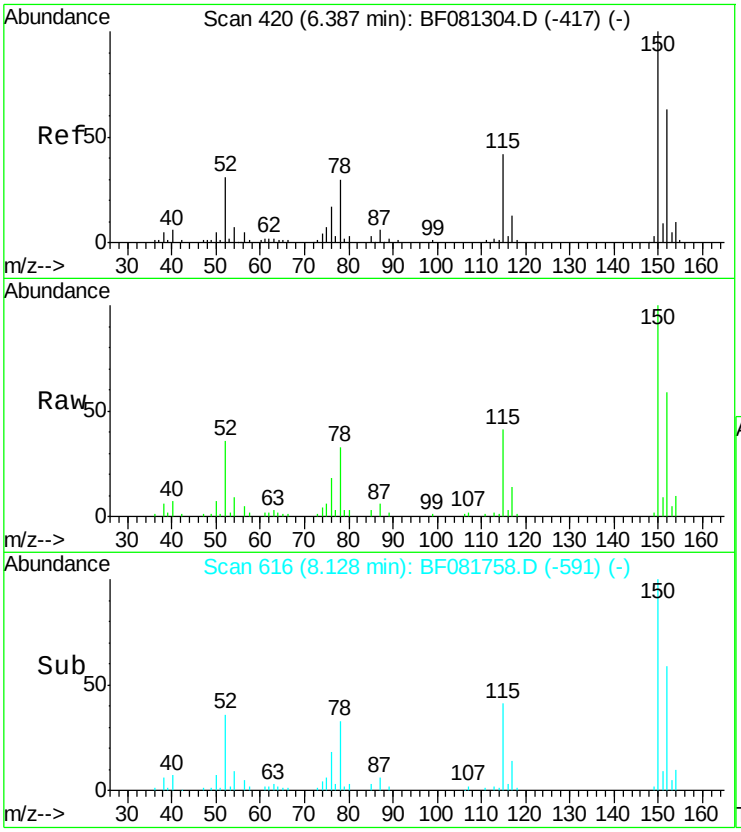


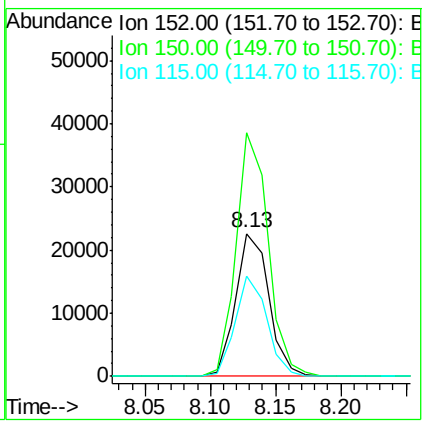


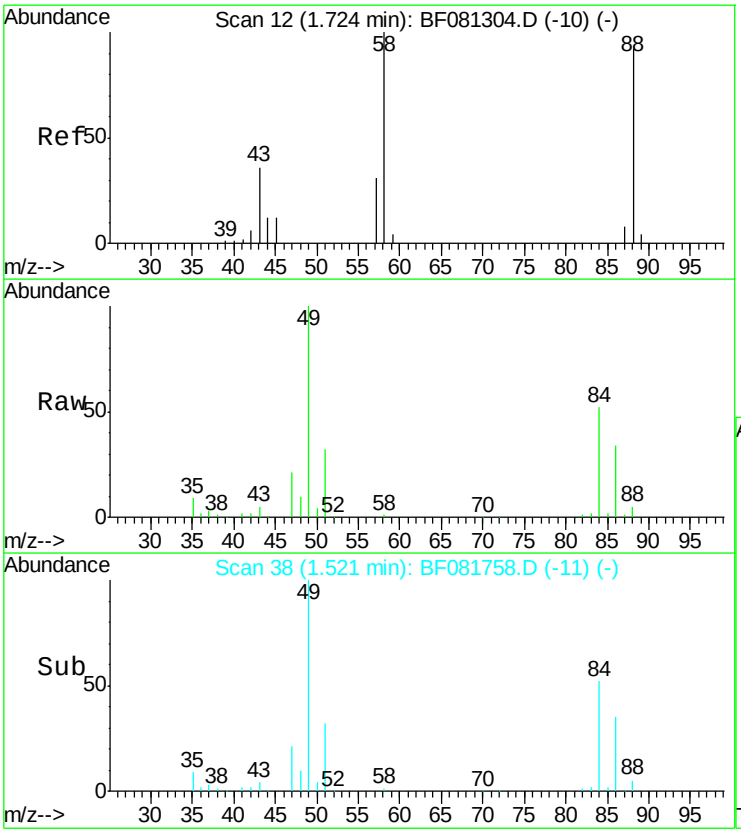
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tgt Ion:152 Resp: 39942

Ion	Ratio	Lower	Upper
152	100		
150	170.4	124.7	187.1
115	70.6	39.0	58.4#

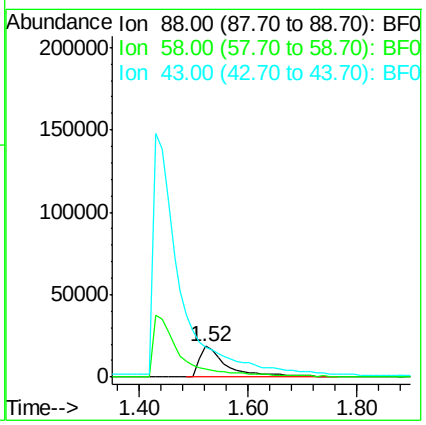


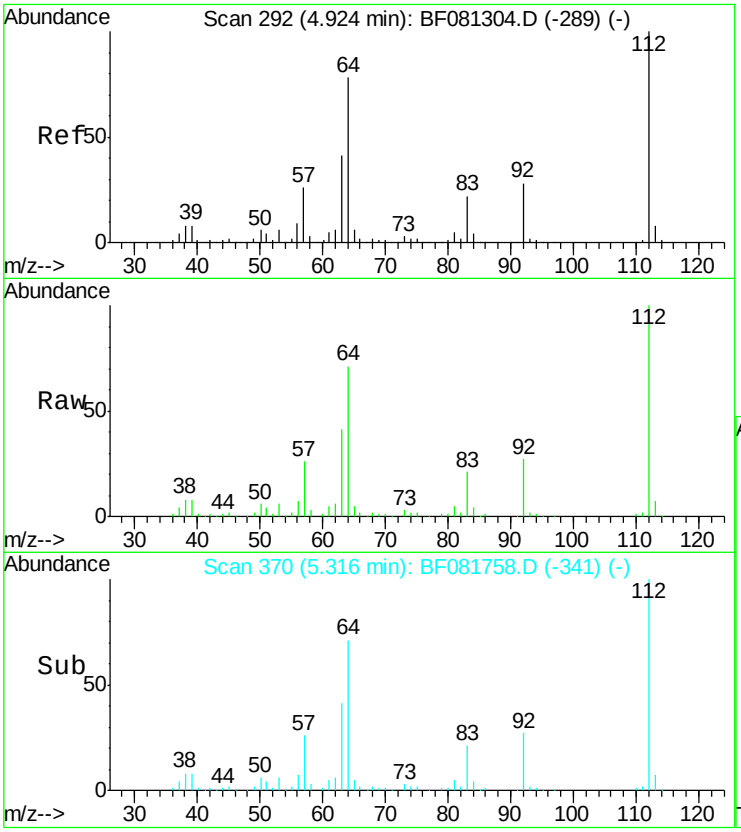


#2
1,4-Dioxane
Concen: 58.25 ng
RT: 1.52 min Scan# 38
Delta R.T. 0.01 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Tgt Ion: 88 Resp: 67352

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5#
43	0.0	26.6	40.0#



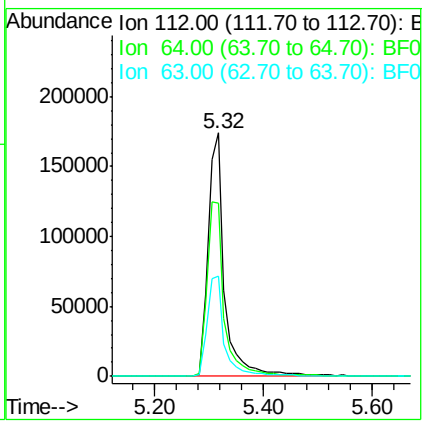


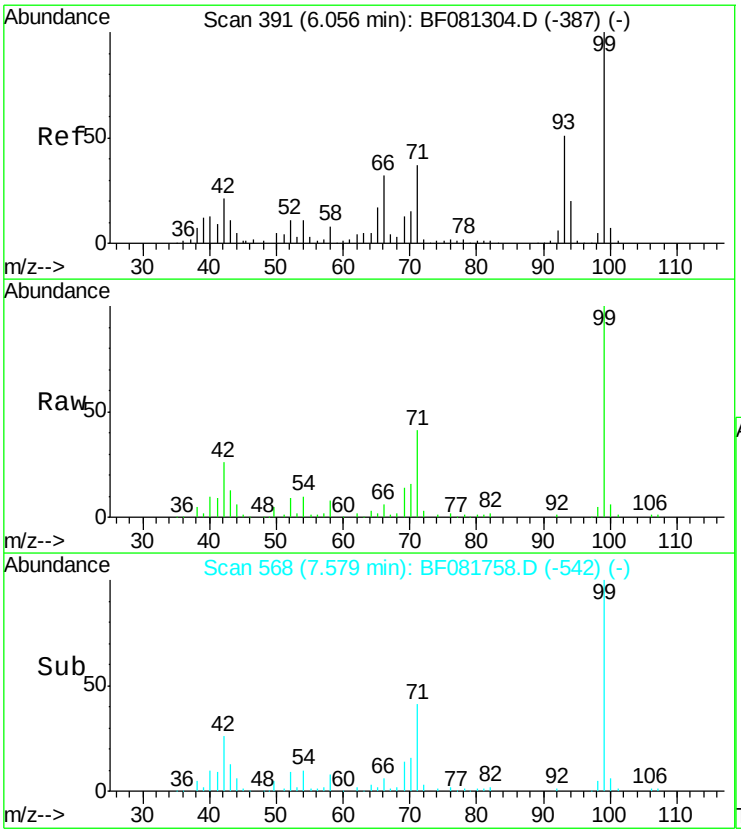
#5
2-Fluorophenol
Concen: 143.75 ng
RT: 5.32 min Scan# 370
Delta R.T. 0.03 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tgt Ion:112 Resp: 370077

Ion	Ratio	Lower	Upper
112	100		
64	71.3	39.7	59.5#
63	41.1	17.4	26.0#

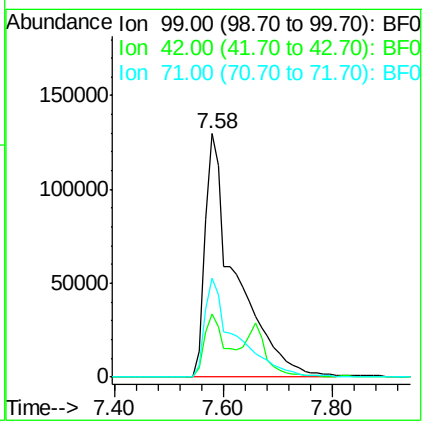


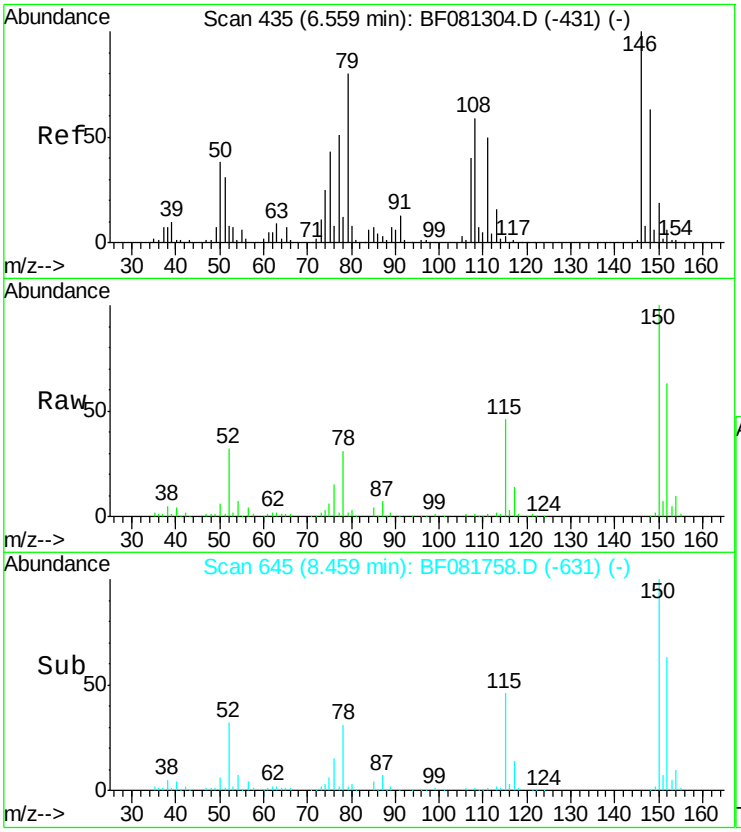


#7
Phenol-d6
Concen: 149.46 ng
RT: 7.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Tgt Ion: 99 Resp: 509323

Ion	Ratio	Lower	Upper
99	100		
42	26.2	13.7	20.5#
71	40.6	14.2	21.2#



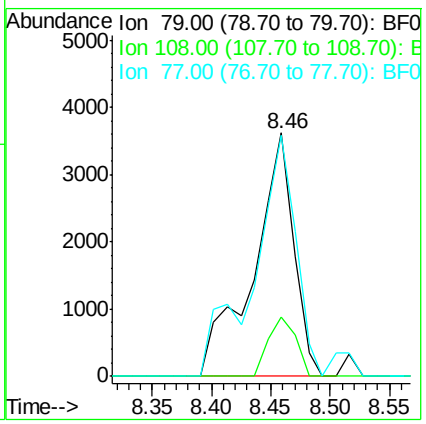


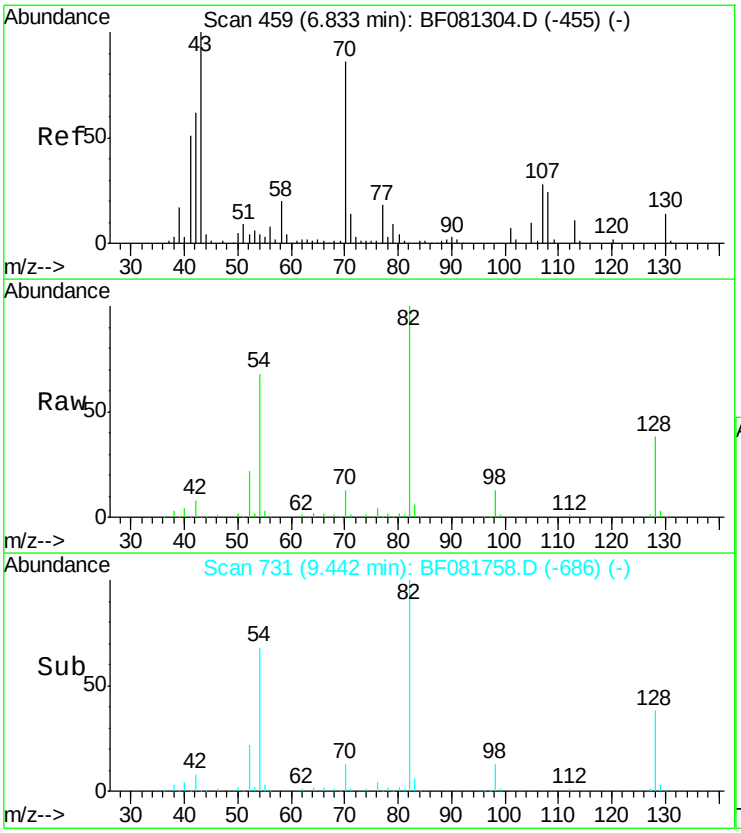
#15
Benzyl Alcohol
Concen: 3.07 ng
RT: 8.46 min Scan# 645
Delta R.T. -0.14 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tgt Ion: 79 Resp: 8589

Ion	Ratio	Lower	Upper
79	100		
108	24.4	88.6	132.8#
77	98.8	47.0	70.4#

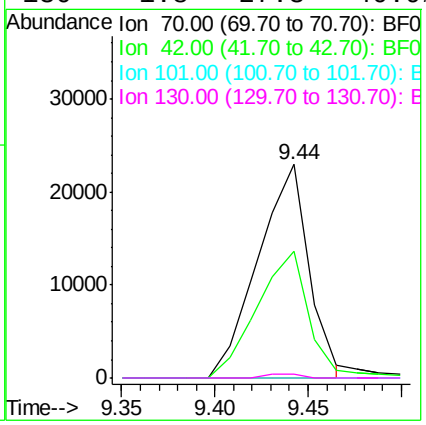


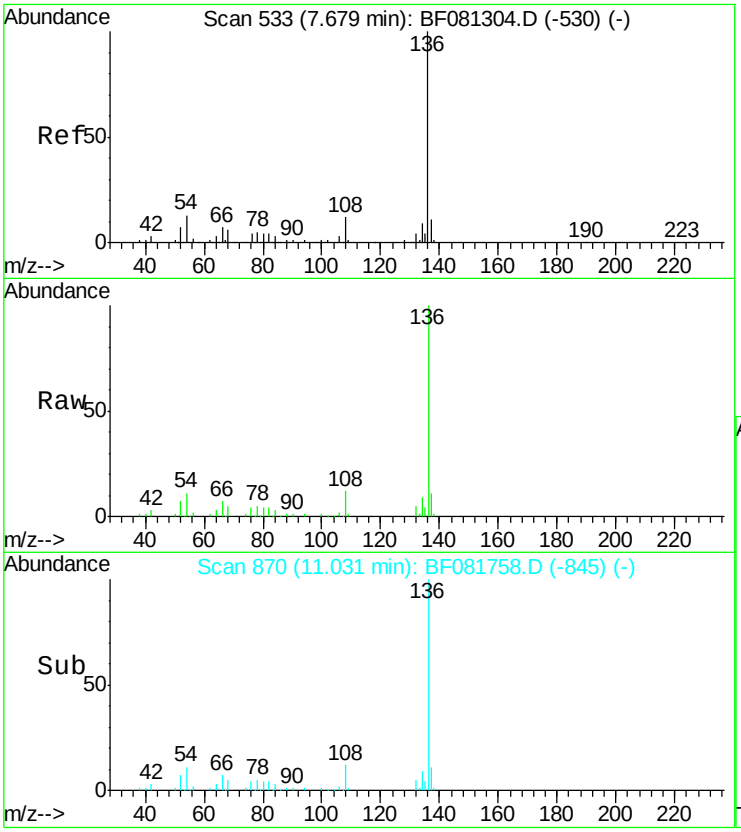


#19
n-Nitroso-di-n-propylamine
Concen: 18.85 ng
RT: 9.44 min Scan# 731
Delta R.T. 0.22 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Tgt Ion: 70 Resp: 43711

Ion	Ratio	Lower	Upper
70	100		
42	59.4	63.8	95.6#
101	0.0	9.2	13.8#
130	1.8	27.3	40.9#



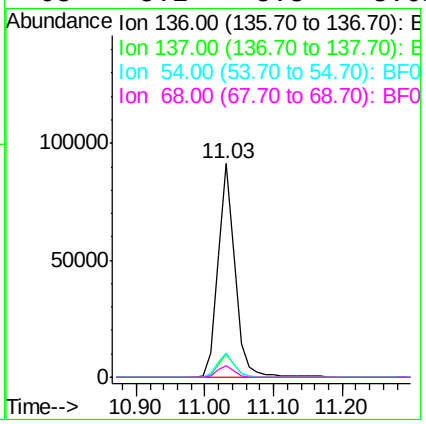


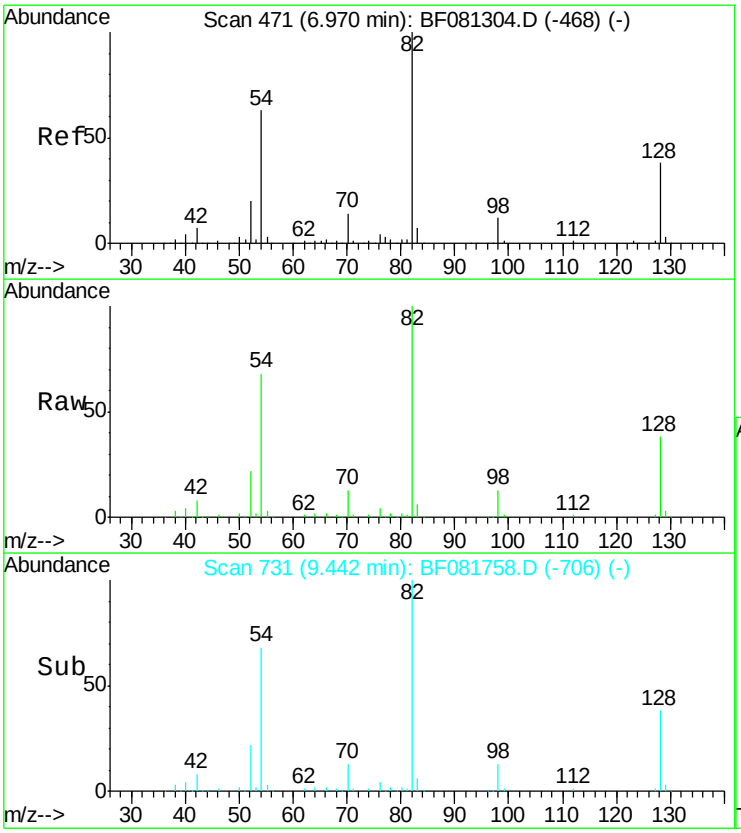
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tgt Ion:136 Resp: 159693

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	11.4	8.2	12.2
68	5.2	5.8	8.6#

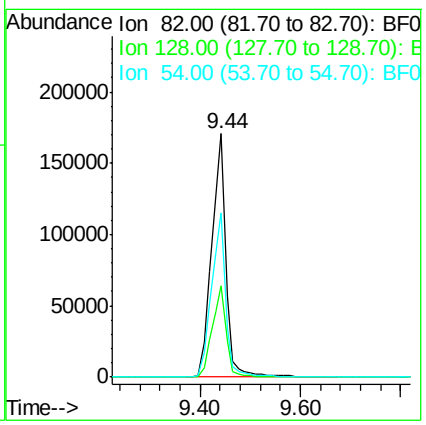


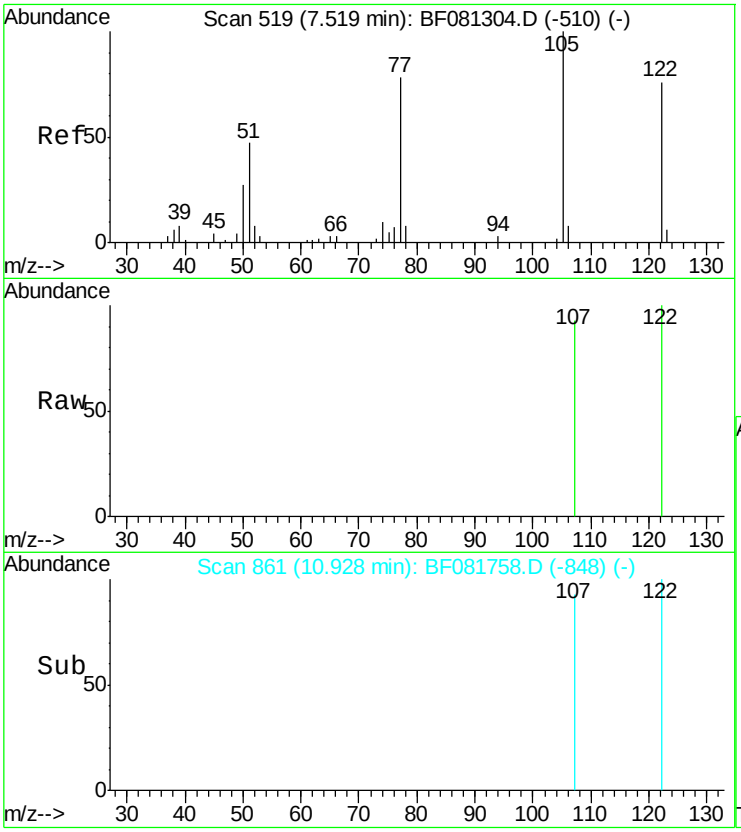


#23
Nitrobenzene-d5
Concen: 101.30 ng
RT: 9.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Tgt Ion: 82 Resp: 335293

Ion	Ratio	Lower	Upper
82	100		
128	37.8	51.0	76.6#
54	67.7	47.5	71.3



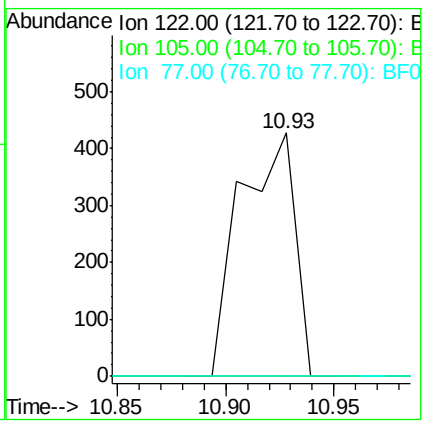


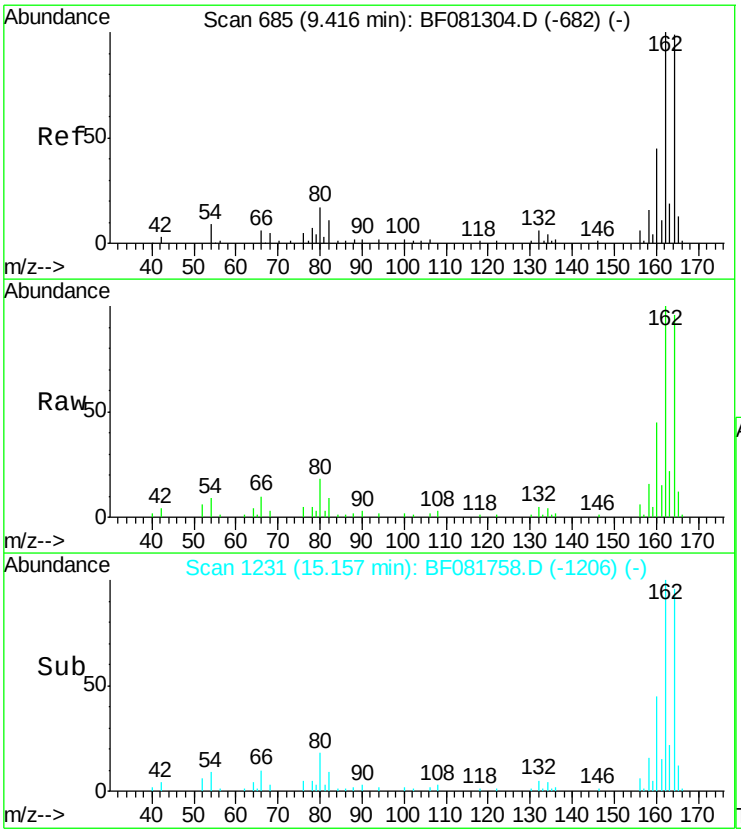
#32
Benzoic acid
Concen: 2.93 ng
RT: 10.93 min Scan# 861
Delta R.T. -0.15 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tgt Ion:122 Resp: 751

Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	0.0	40.5	80.5#

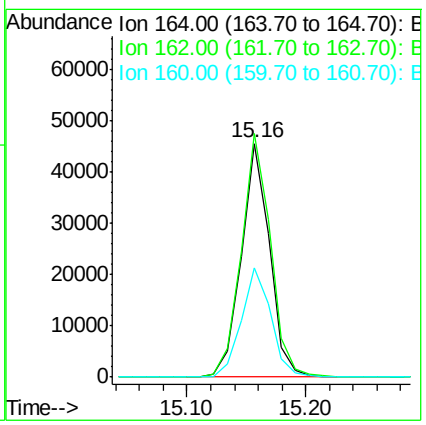


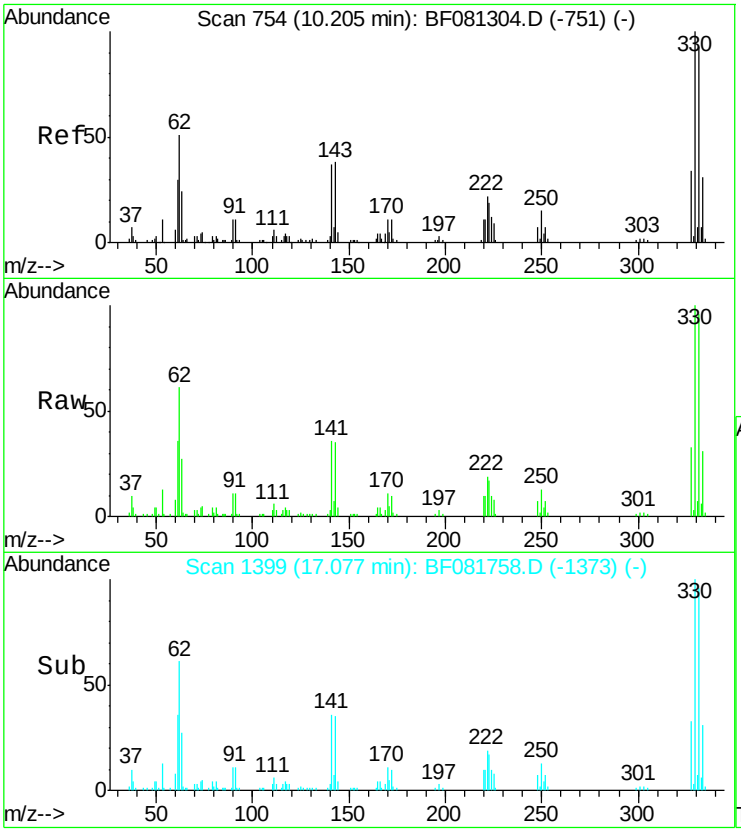


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Tgt Ion:164 Resp: 76012

Ion	Ratio	Lower	Upper
164	100		
162	104.1	75.2	112.8
160	46.5	31.5	47.3



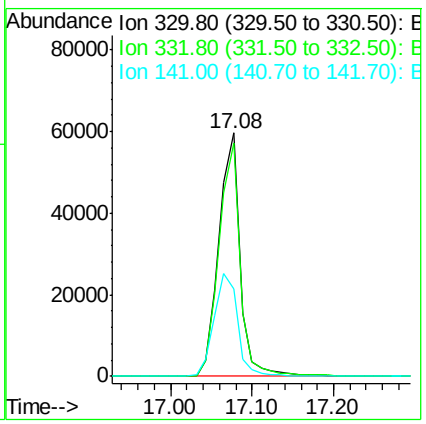


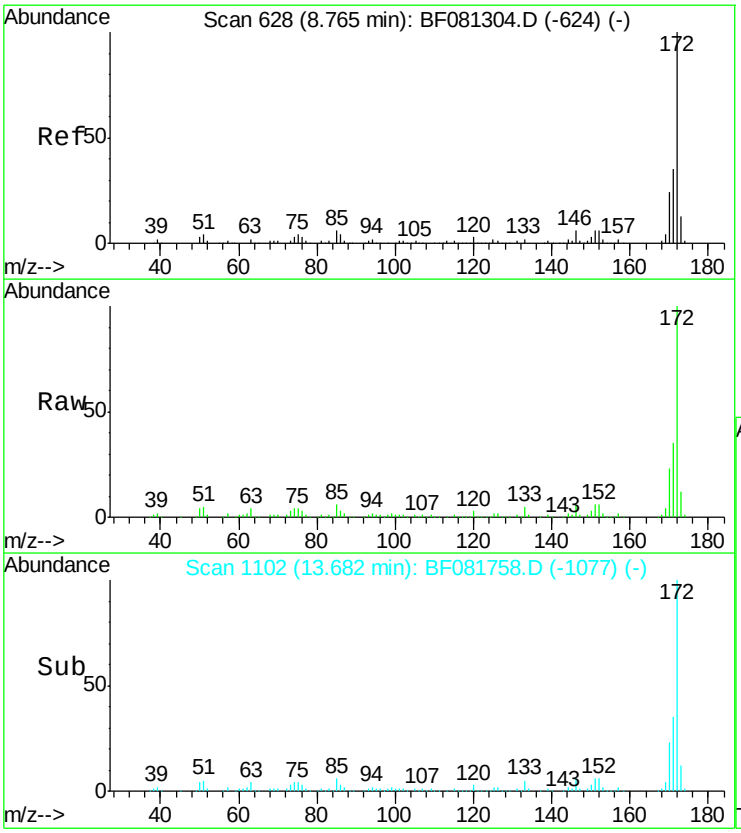
#41
2,4,6-Tribromophenol
Concen: 158.89 ng
RT: 17.08 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tgt Ion:330 Resp: 107542

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	46.7	29.7	44.5#

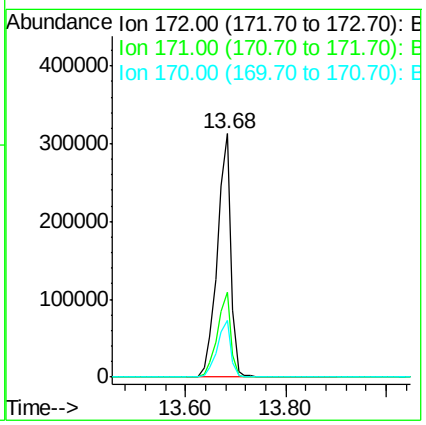


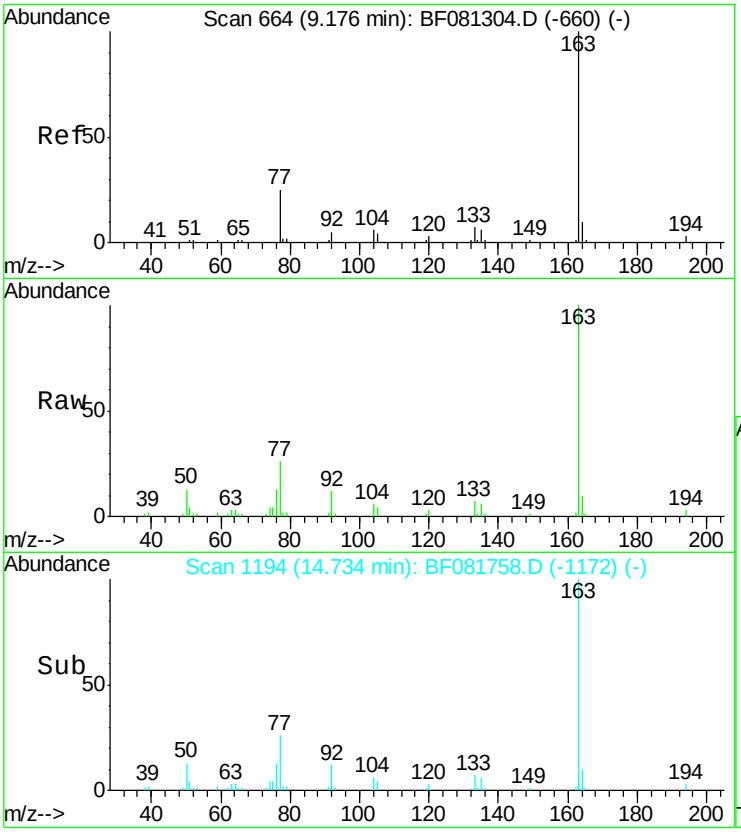


#44
2-Fluorobiphenyl
Concen: 98.58 ng
RT: 13.68 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Tgt Ion:172 Resp: 584716

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.4	17.4	26.2



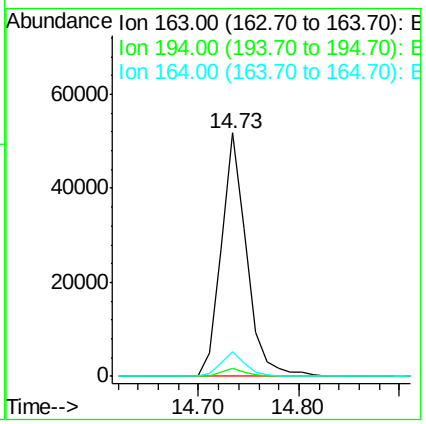


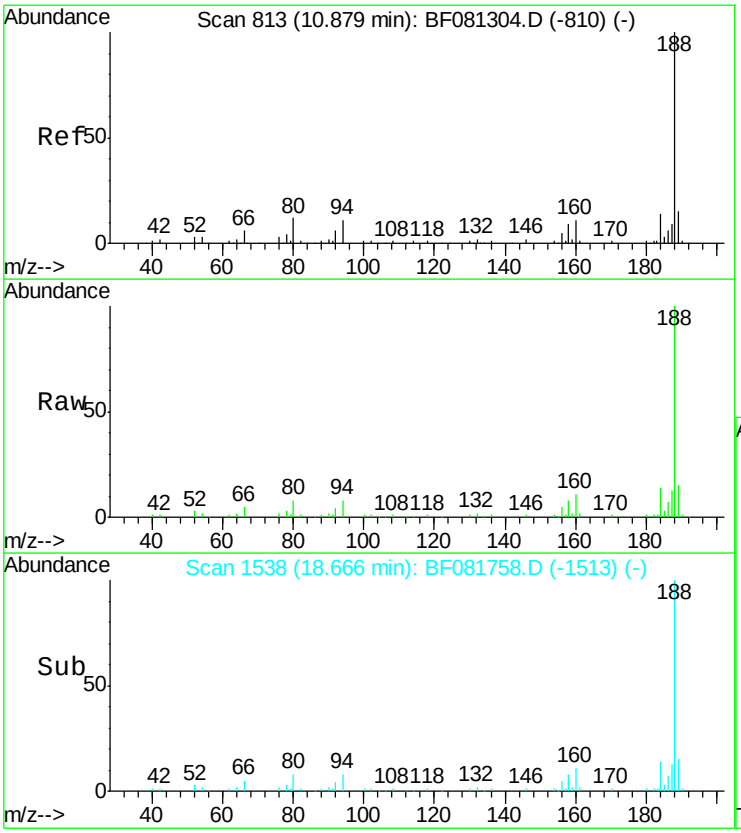
#49
Dimethylphthalate
Concen: 15.27 ng
RT: 14.73 min Scan# 1194
Delta R.T. -0.05 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tgt Ion:163 Resp: 90202

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	10.1	8.3	12.5

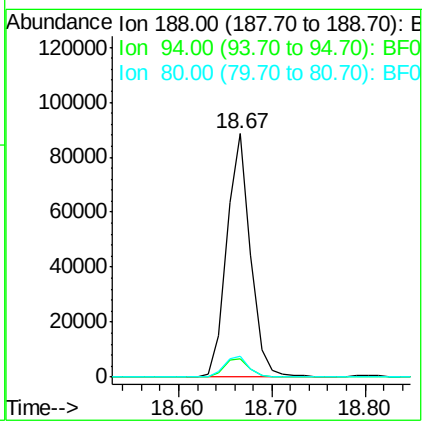


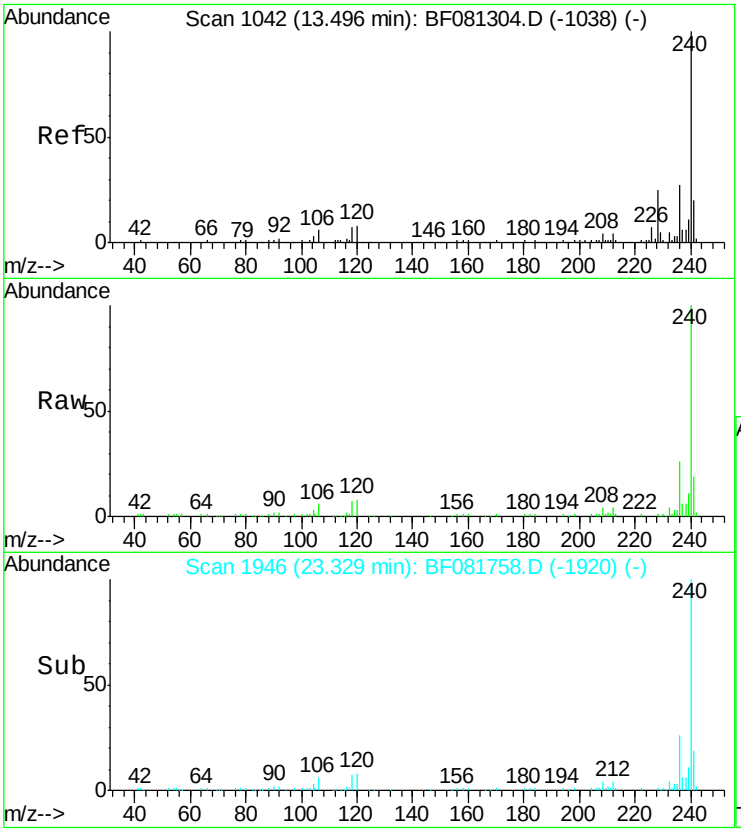


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.67 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Tgt Ion:188 Resp: 155966

Ion	Ratio	Lower	Upper
188	100		
94	7.5	11.1	16.7#
80	8.4	11.0	16.4#



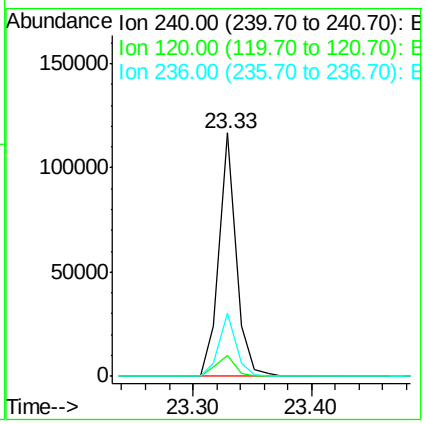


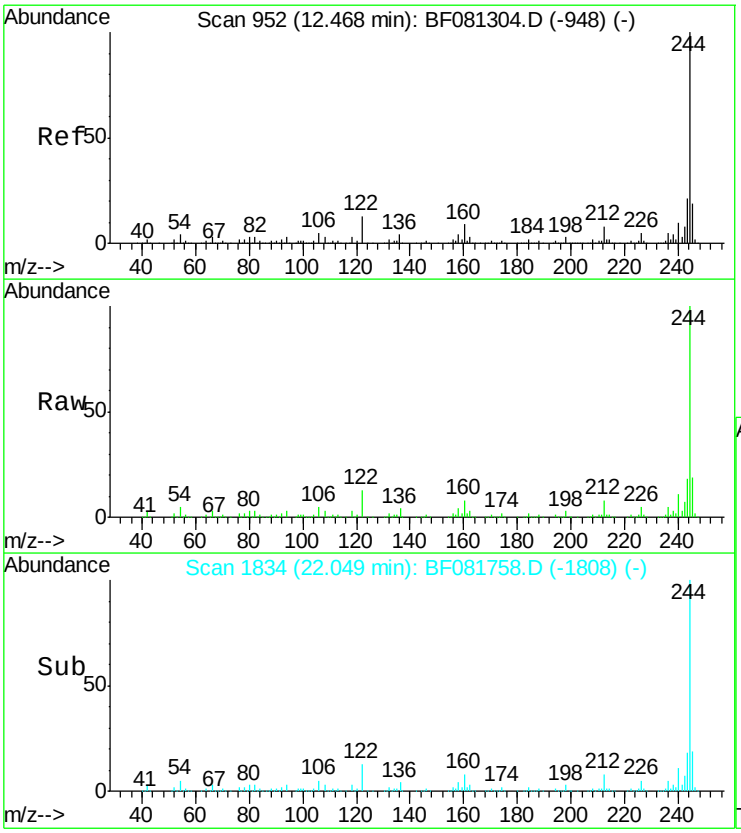
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tgt Ion:240 Resp: 117260

Ion	Ratio	Lower	Upper
240	100		
120	8.4	16.2	24.2#
236	26.1	18.4	27.6

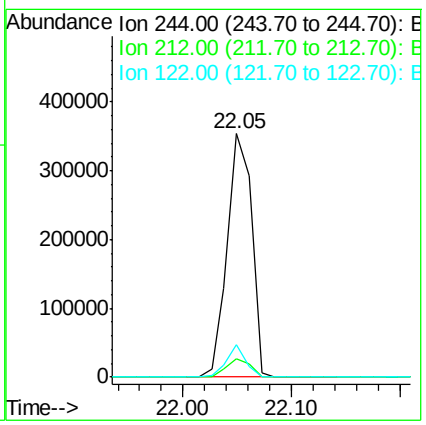


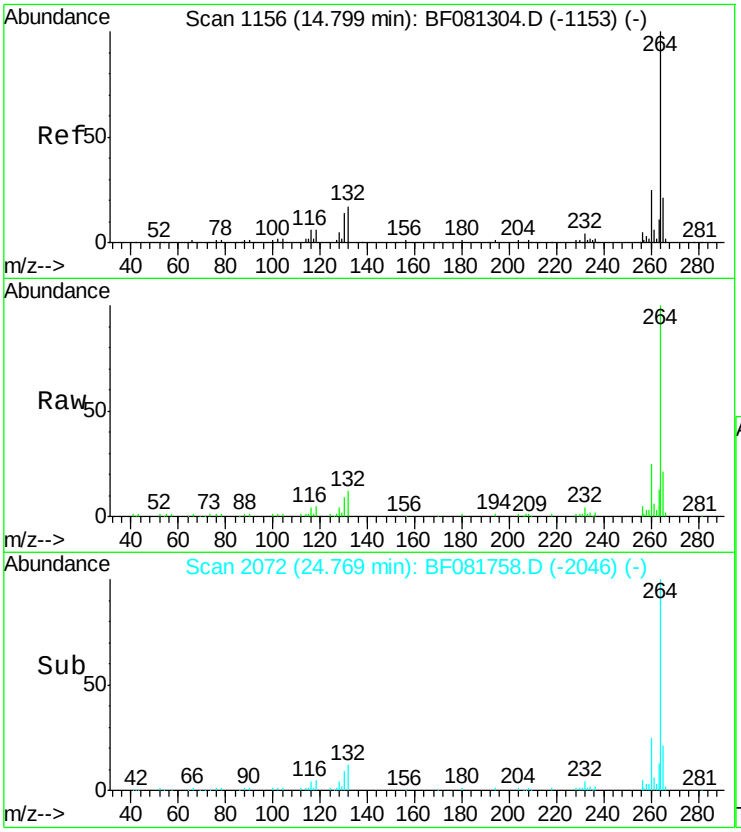


#78
Terphenyl-d14
Concen: 108.36 ng
RT: 22.05 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Tgt Ion:244 Resp: 545835

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	13.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tgt Ion:264 Resp: 87782

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.3	17.2	25.8