Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081913.D
Acq On : 30 Sep 2015 20:49
Operator : UM/IZ
Sample : G3668-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-03(SOUTH)

Quant Time: Oct 01 03:53:06 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	7.06	152	229501	20.00	ng		0.13
21) Naphthalene-d8	8.19	136	263615	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	190443	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	315839	20.00	ng		-0.03
75) Chrysene-d12	14.07	240	265451	20.00	ng		-0.05
86) Perylene-d12	15.53	264	178503	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	527243	41.70	ng		-0.02
7) Phenol-d6	6.53	99	547915	34.44	ng		-0.03
23) Nitrobenzene-d5	7.47	82	359582	90.93	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	162313	84.16	ng		-0.03
44) 2-Fluorobiphenyl	9.27	172	854794	73.09	ng		-0.03
78) Terphenyl-d14	13.02	244	686104	82.91	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	45888	4.75	ng	#	57
25) Isophorone	7.47	82	273454	34.89	ng	#	58
49) Dimethylphthalate	9.66	163	181113	13.78	ng	#	97
56) 2,4-Dinitrotoluene	9.94	165	23640	6.50	ng	#	33
57) Fluorene	10.73	166	6465	Below Cal		#	78
66) 4-Bromophenyl-phenylether	10.73	248	10655	3.35	ng	#	1
70) Phenanthrene	11.45	178	19327	Below Cal			97
73) Di-n-butylphthalate	11.99	149	2152	Below Cal		#	78
82) Chrysene	14.10	228	21199	2.01	ng	#	89

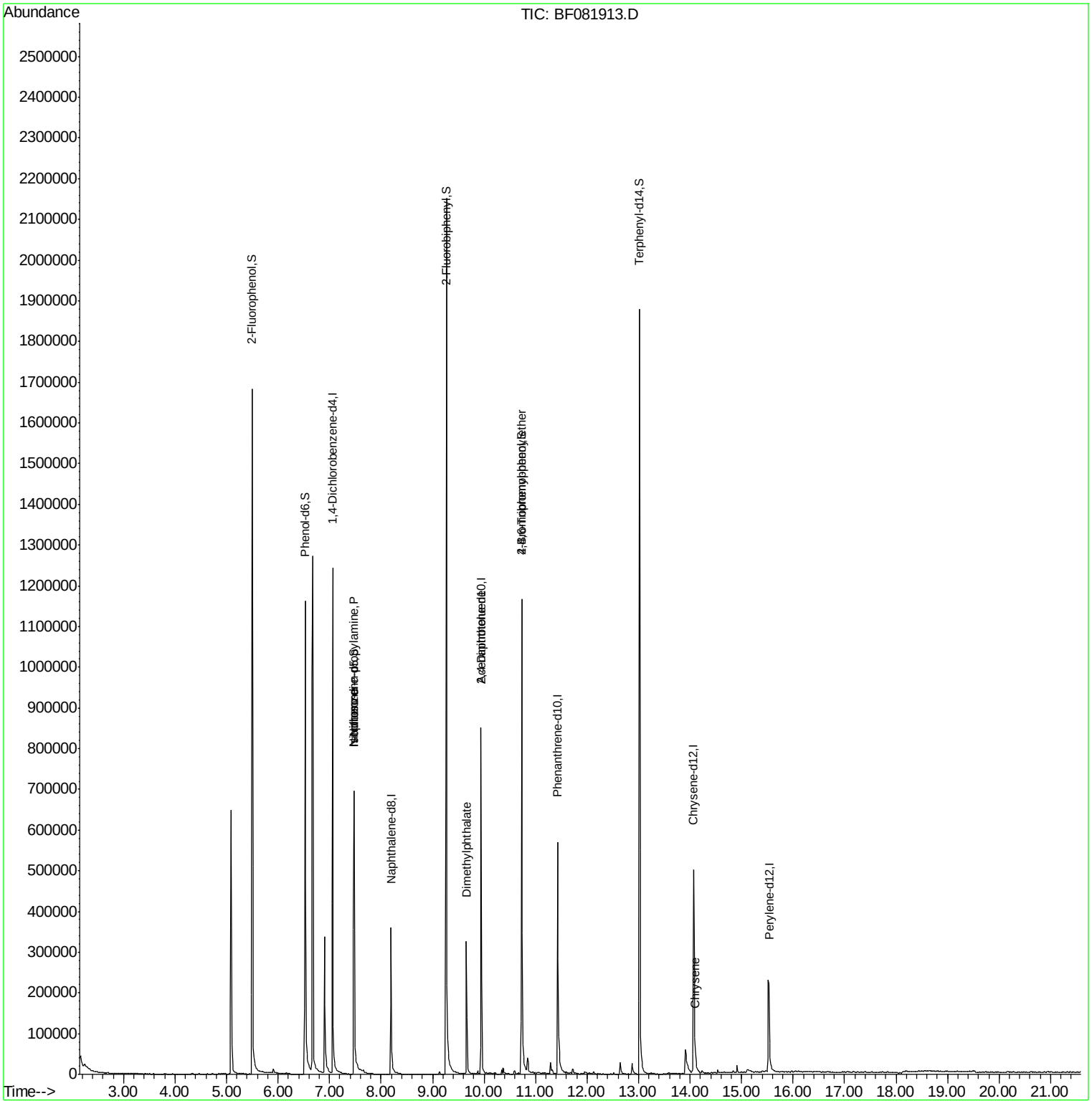
(#) = qualifier out of range (m) = manual integration (+) = signals summed

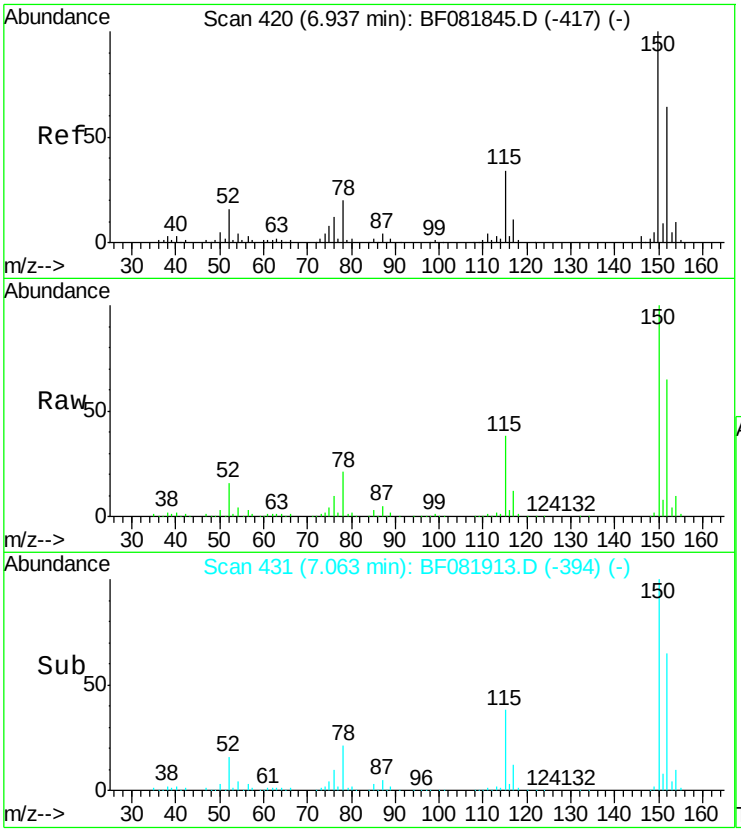
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081913.D
Acq On : 30 Sep 2015 20:49
Operator : UM/IZ
Sample : G3668-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Quant Time: Oct 01 03:53:06 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



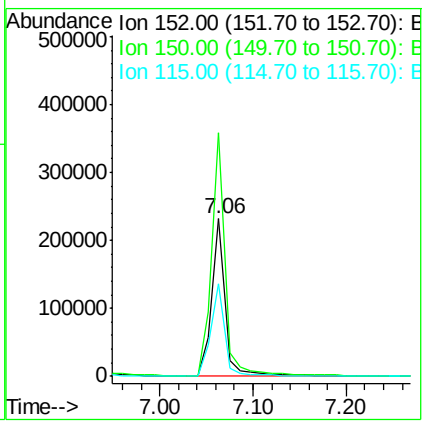


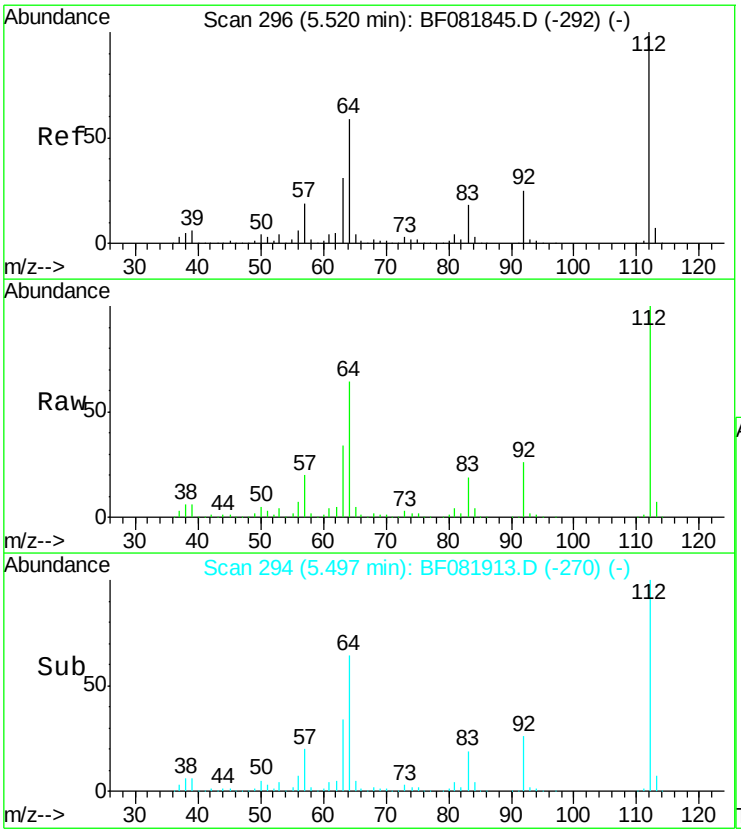
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.06 min Scan# 431
Delta R.T. 0.13 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Tgt Ion:152 Resp: 229501

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.7	187.1
115	58.4	39.0	58.4

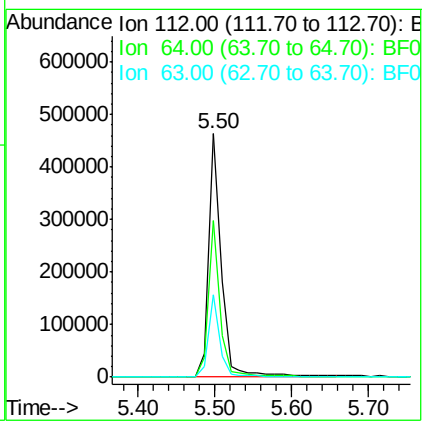


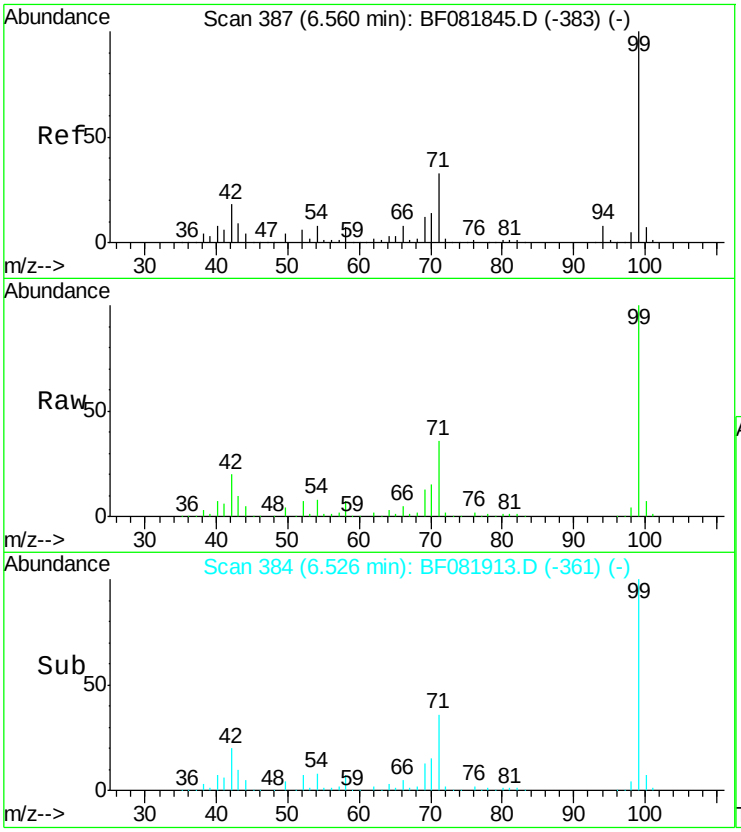


#5
2-Fluorophenol
Concen: 41.70 ng
RT: 5.50 min Scan# 294
Delta R.T. -0.02 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Tgt Ion:112 Resp: 527243

Ion	Ratio	Lower	Upper
112	100		
64	64.1	39.7	59.5#
63	34.1	17.4	26.0#



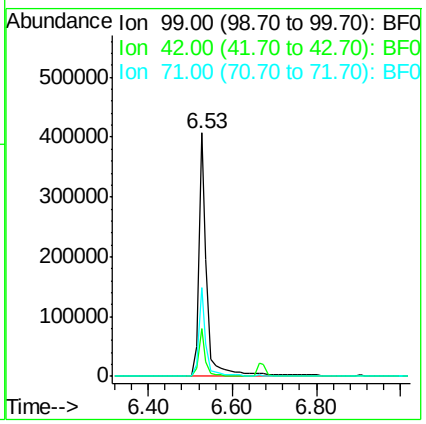


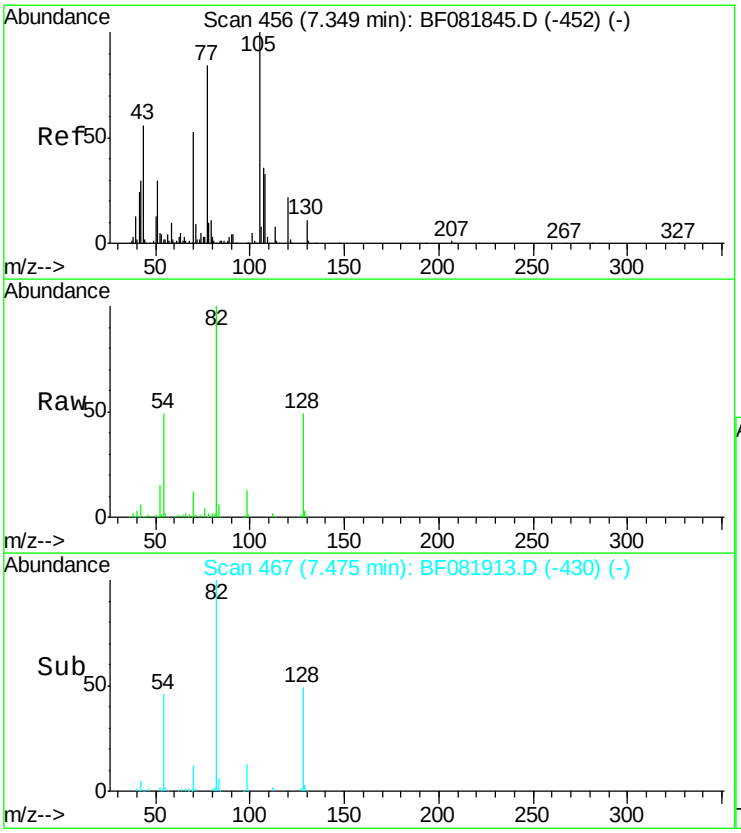
#7
Phenol-d6
Concen: 34.44 ng
RT: 6.53 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Tgt Ion: 99 Resp: 547915

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.7	20.5
71	36.4	14.2	21.2#

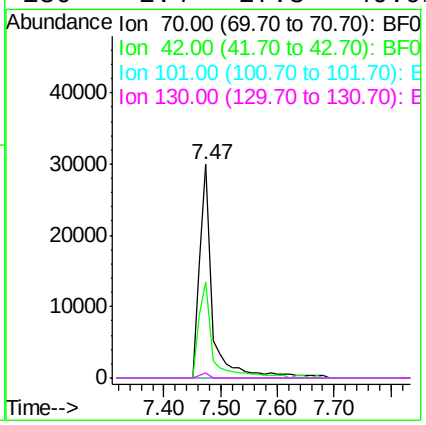


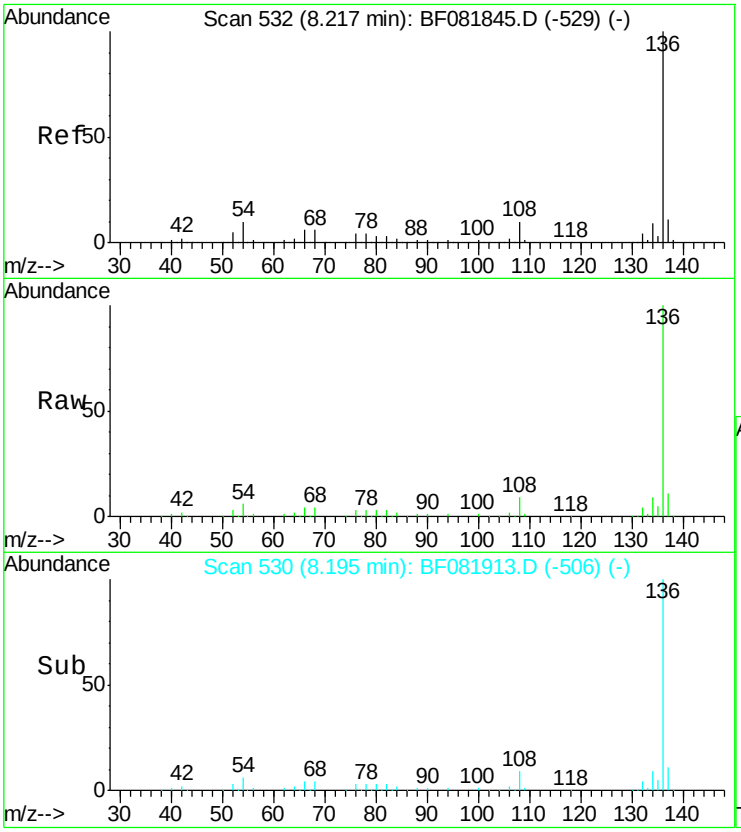


#19
n-Nitroso-di-n-propylamine
Concen: 4.75 ng
RT: 7.47 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Tgt Ion: 70 Resp: 45888

Ion	Ratio	Lower	Upper
70	100		
42	44.8	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#



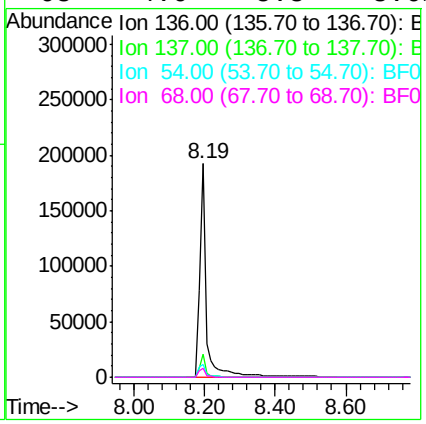


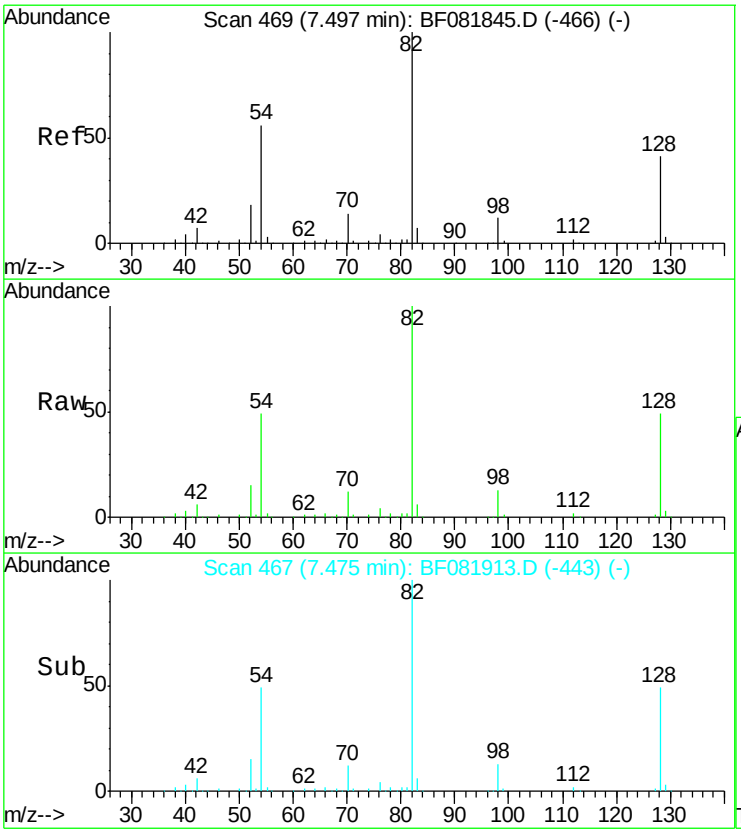
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Tgt Ion:136 Resp: 263615

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.2	8.2	12.2#
68	4.0	5.8	8.6#

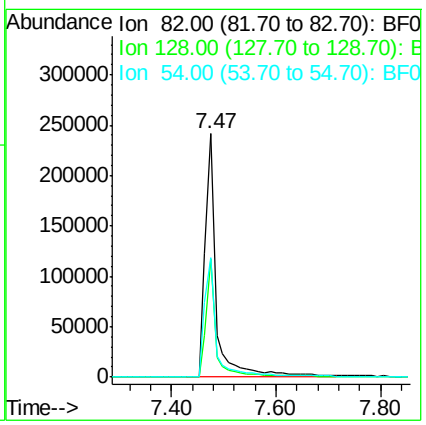


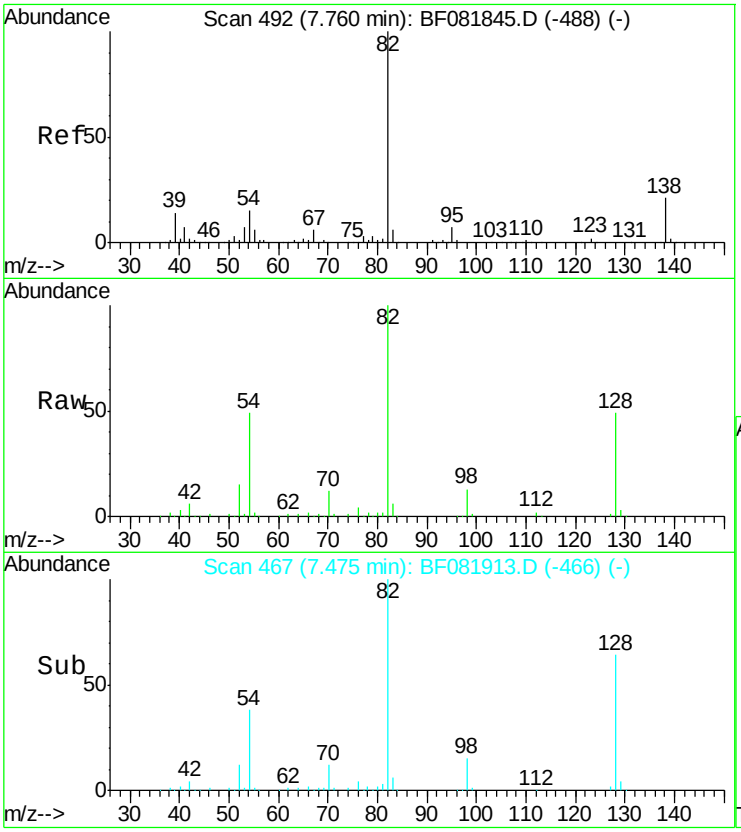


#23
Nitrobenzene-d5
Concen: 90.93 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Tgt Ion: 82 Resp: 359582

Ion	Ratio	Lower	Upper
82	100		
128	48.7	51.0	76.6#
54	49.0	47.5	71.3



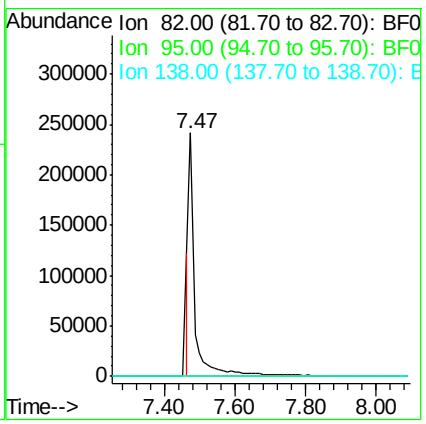


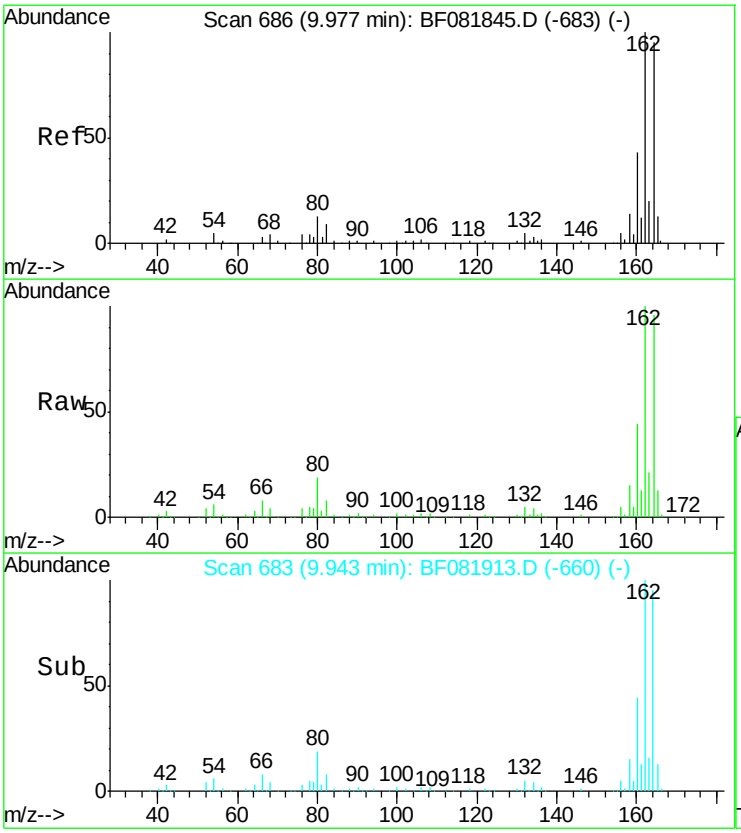
#25
Isophorone
Concen: 34.89 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.29 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Tgt Ion: 82 Resp: 273454

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

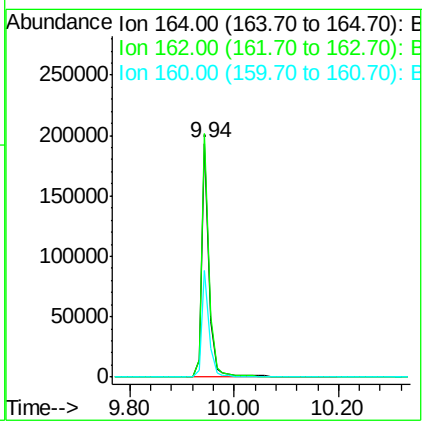


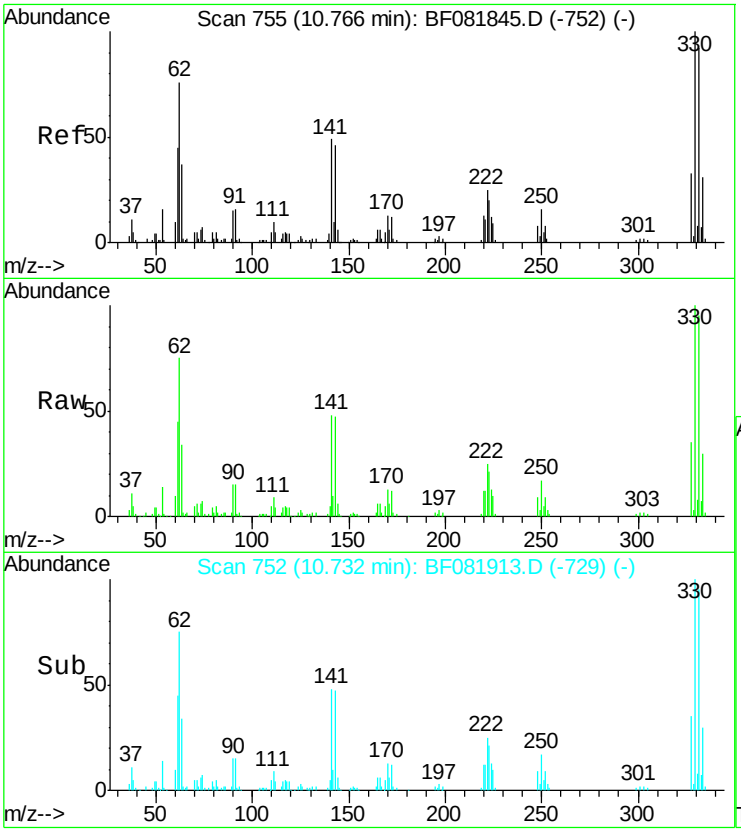


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Tgt Ion:164 Resp: 190443

Ion	Ratio	Lower	Upper
164	100		
162	104.3	75.2	112.8
160	45.5	31.5	47.3



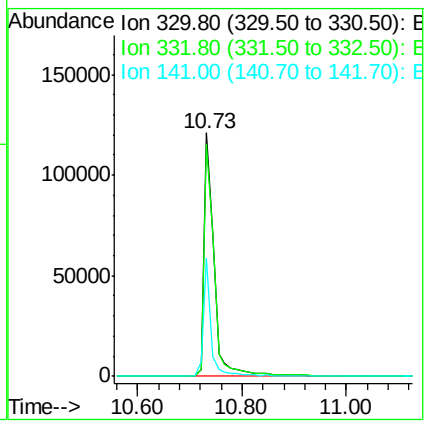


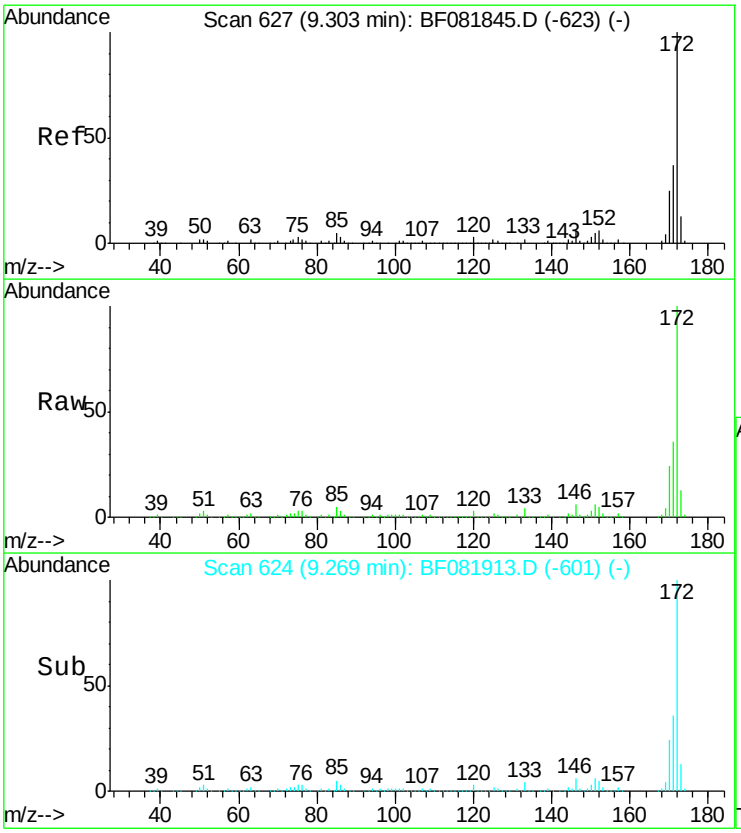
#41
2,4,6-Tribromophenol
Concen: 84.16 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Tgt Ion:330 Resp: 162313

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	37.2	29.7	44.5

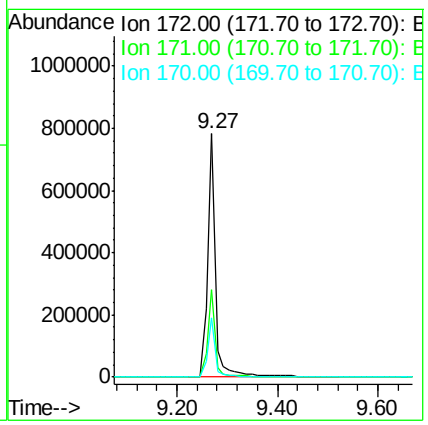


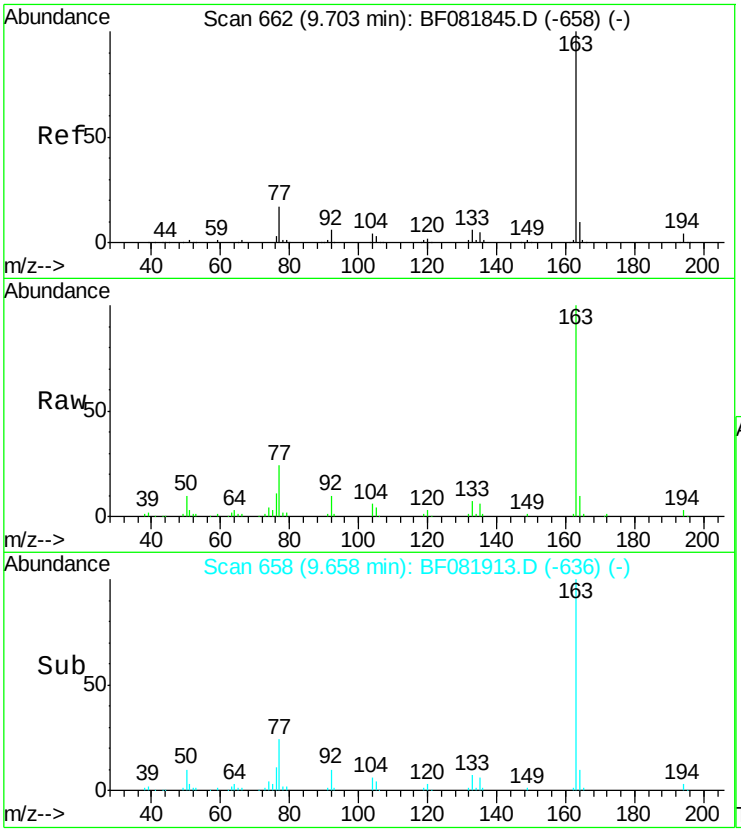


#44
2-Fluorobiphenyl
Concen: 73.09 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Tgt Ion:172 Resp: 854794

Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.2	17.4	26.2



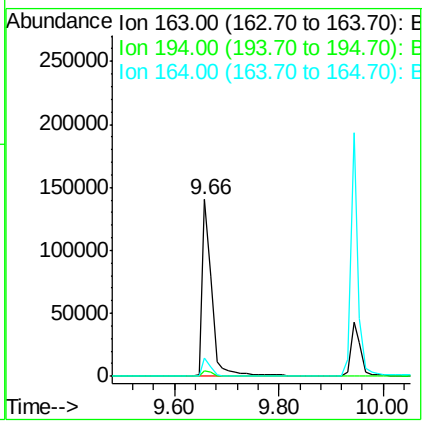


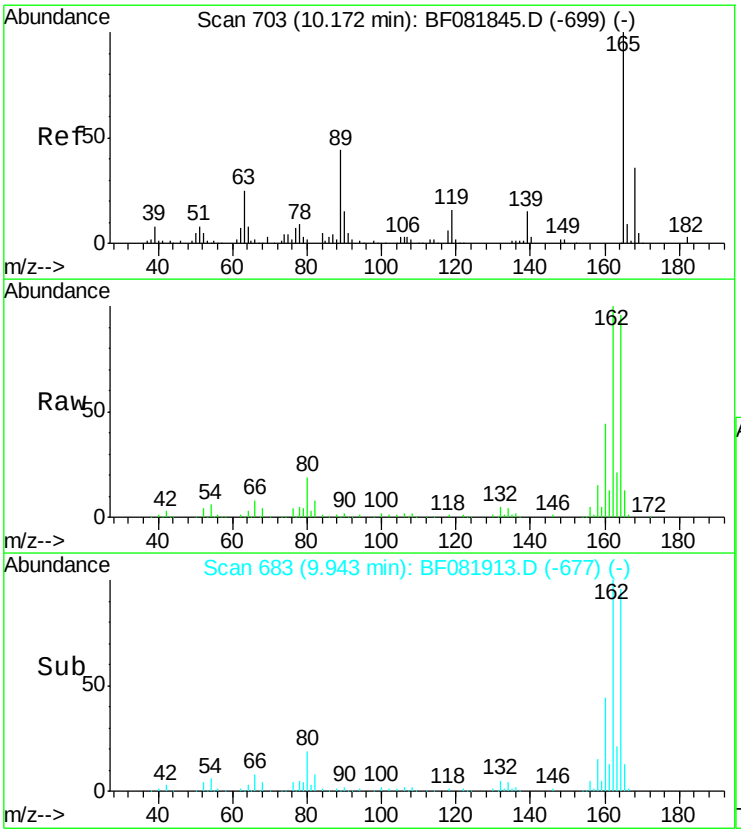
#49
Dimethylphthalate
Concen: 13.78 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Tgt Ion:163 Resp: 181113

Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	10.5	8.3	12.5

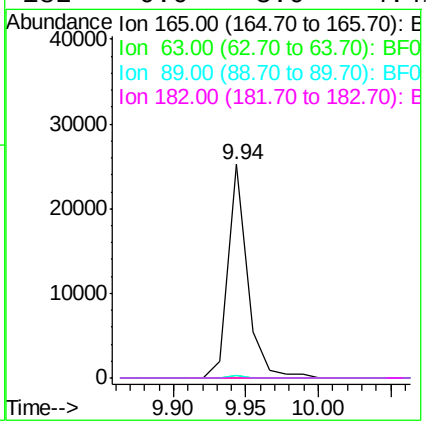


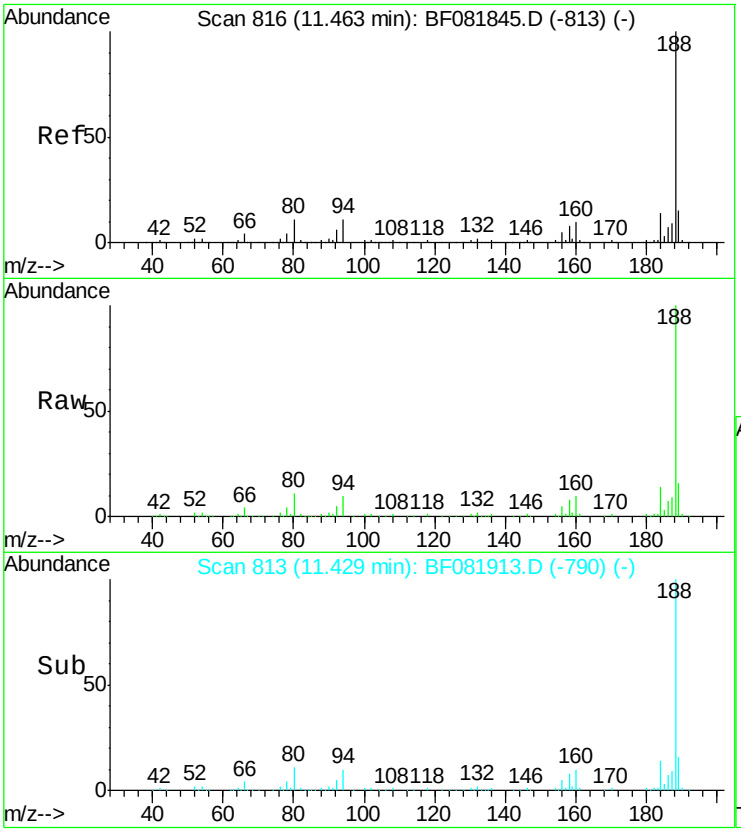


#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.23 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Tgt Ion:165 Resp: 23640

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



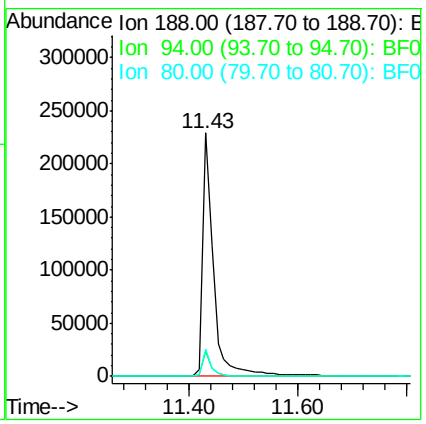


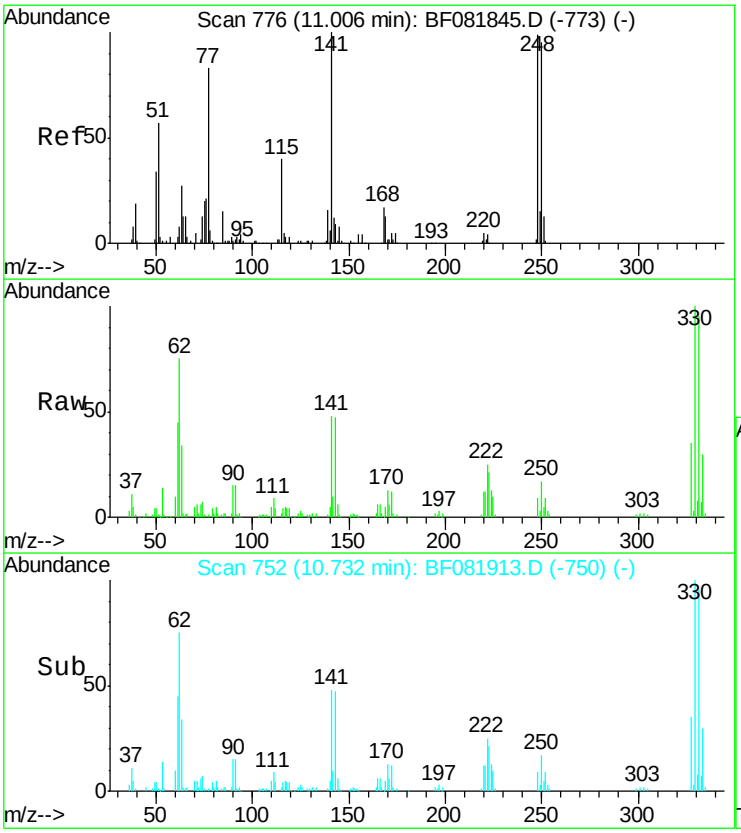
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Tgt Ion:188 Resp: 315839

Ion	Ratio	Lower	Upper
188	100		
94	10.3	11.1	16.7#
80	11.4	11.0	16.4

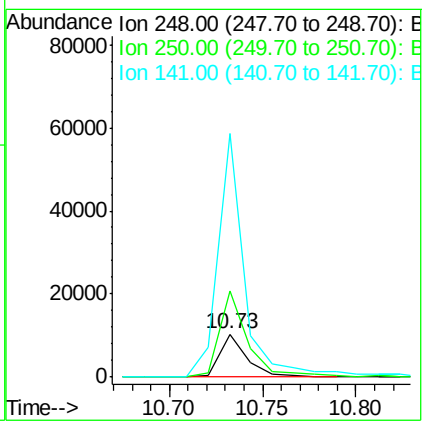


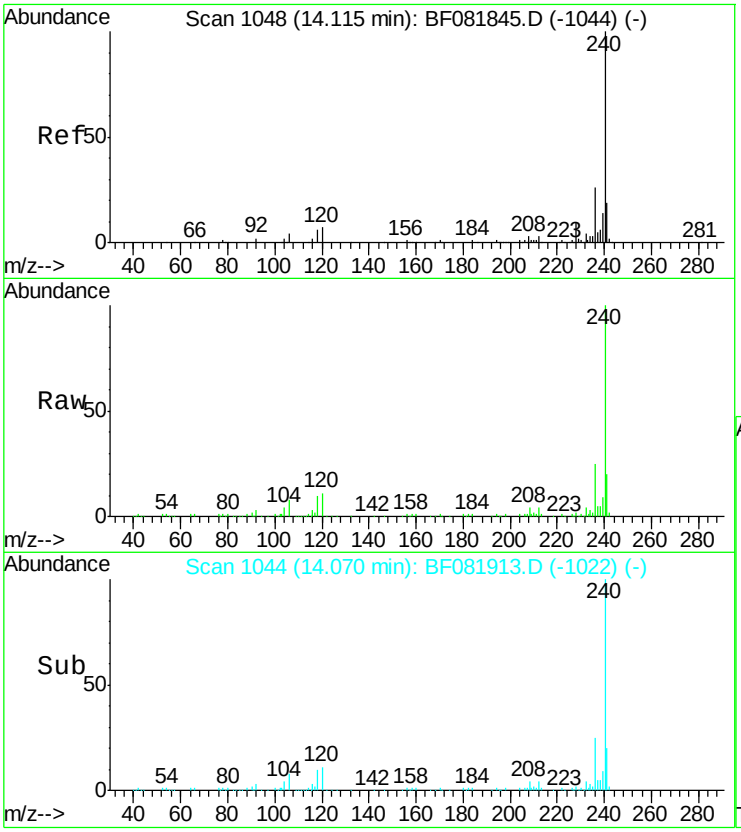


#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Tgt Ion:248 Resp: 10655

Ion	Ratio	Lower	Upper
248	100		
250	198.9	78.5	117.7#
141	565.6	59.0	88.6#



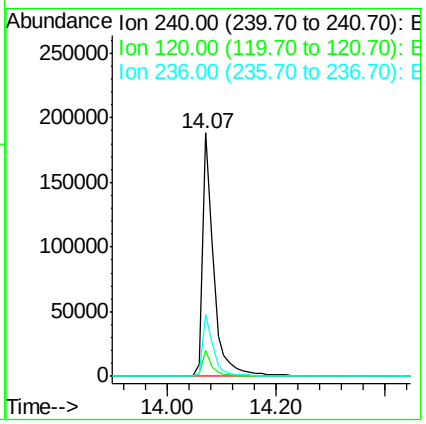


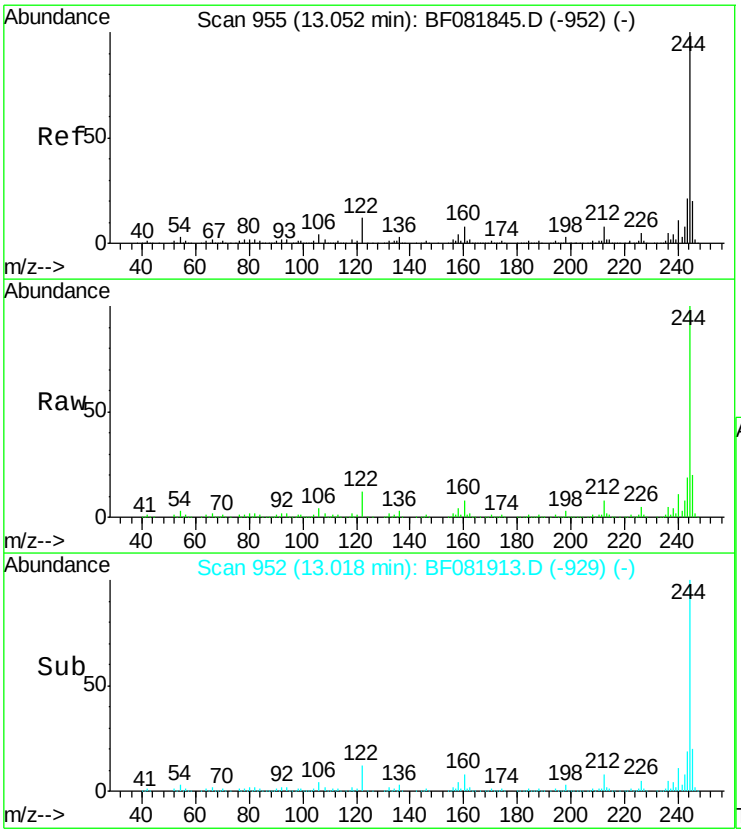
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Tgt Ion:240 Resp: 265451

Ion	Ratio	Lower	Upper
240	100		
120	10.9	16.2	24.2#
236	25.5	18.4	27.6

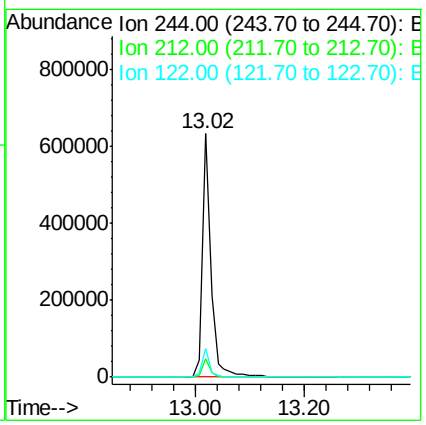


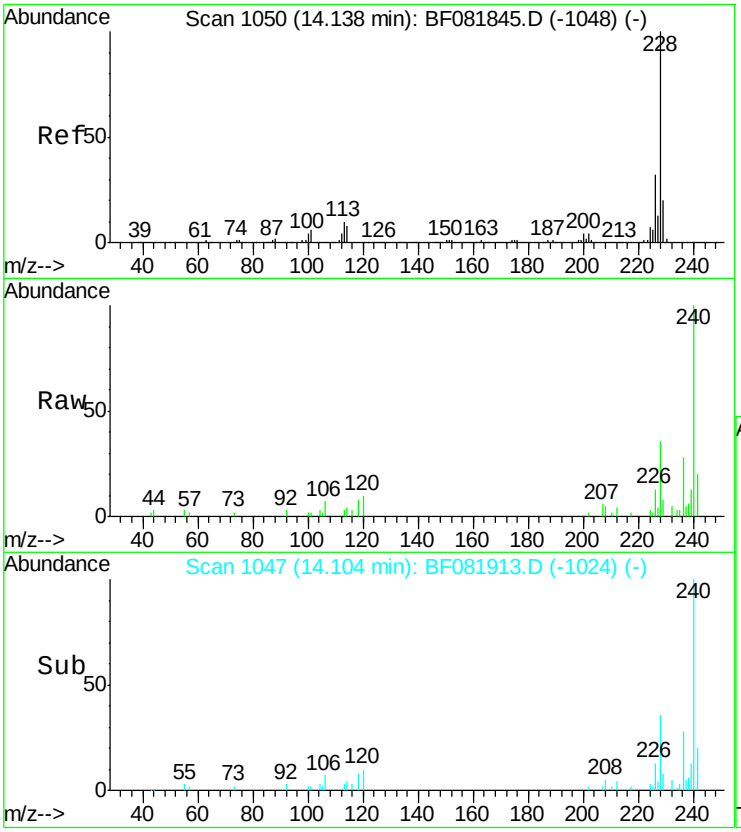


#78
Terphenyl-d14
Concen: 82.91 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Tgt Ion:244 Resp: 686104

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	11.9	17.4	26.2#



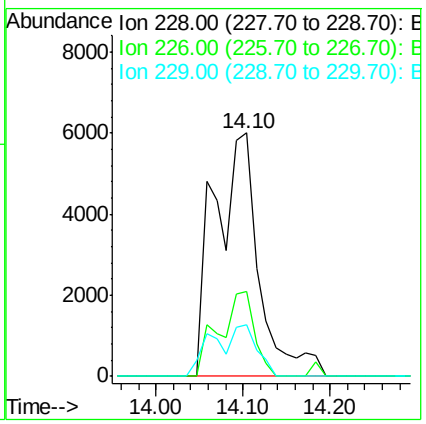


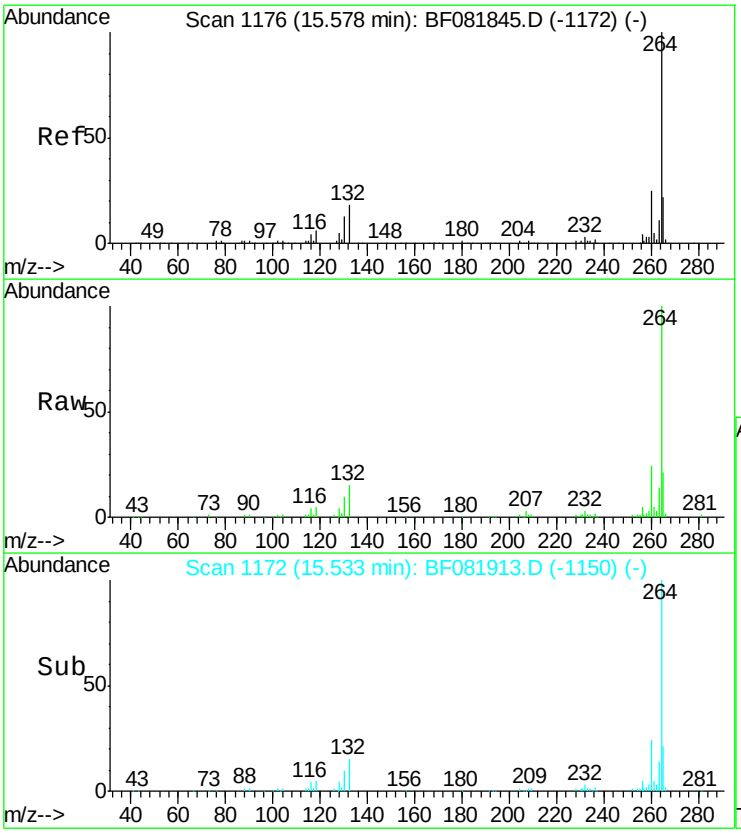
#82
Chrysene
Concen: 2.01 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SS-03(SOUTH)

Tgt Ion:228 Resp: 21199

Ion	Ratio	Lower	Upper
228	100		
226	34.7	21.0	31.4#
229	21.4	15.6	23.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081913.D
Acq: 30 Sep 2015 20:49

Tgt Ion:264 Resp: 178503

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.1	17.2	25.8