Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF081993.D
Acq On : 2 Oct 2015 22:05
Operator : UM/IZ
Sample : G3886-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(31-33)

Quant Time: Oct 05 06:42:49 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	103001	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	438993	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	226941	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	453407	20.00	ng		-0.03
75) Chrysene-d12	14.07	240	465490	20.00	ng		-0.05
86) Perylene-d12	15.53	264	368711	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	746022	131.48	ng		-0.03
7) Phenol-d6	6.51	99	886727	124.20	ng		-0.05
23) Nitrobenzene-d5	7.45	82	540562	82.08	ng		-0.05
41) 2,4,6-Tribromophenol	10.73	330	287830	125.23	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1134996	83.38	ng		-0.05
78) Terphenyl-d14	13.02	244	1140039	77.09	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	67331	15.52	ng	#	58
25) Isophorone	7.45	82	497197	38.09	ng	#	58
31) Naphthalene	8.19	128	58390	3.00	ng		97
49) Dimethylphthalate	9.65	163	248845	15.89	ng	#	97
56) 2,4-Dinitrotoluene	9.93	165	29439	6.79	ng	#	34
57) Fluorene	10.72	166	10736	Below Cal		#	86
66) 4-Bromophenyl-phenylether	10.72	248	18032	3.94	ng	#	1
70) Phenanthrene	11.45	178	5464	Below Cal			97
73) Di-n-butylphthalate	11.99	149	3241	Below Cal		#	78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF081993.D
Acq On : 2 Oct 2015 22:05
Operator : UM/IZ
Sample : G3886-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Quant Time: Oct 05 06:42:49 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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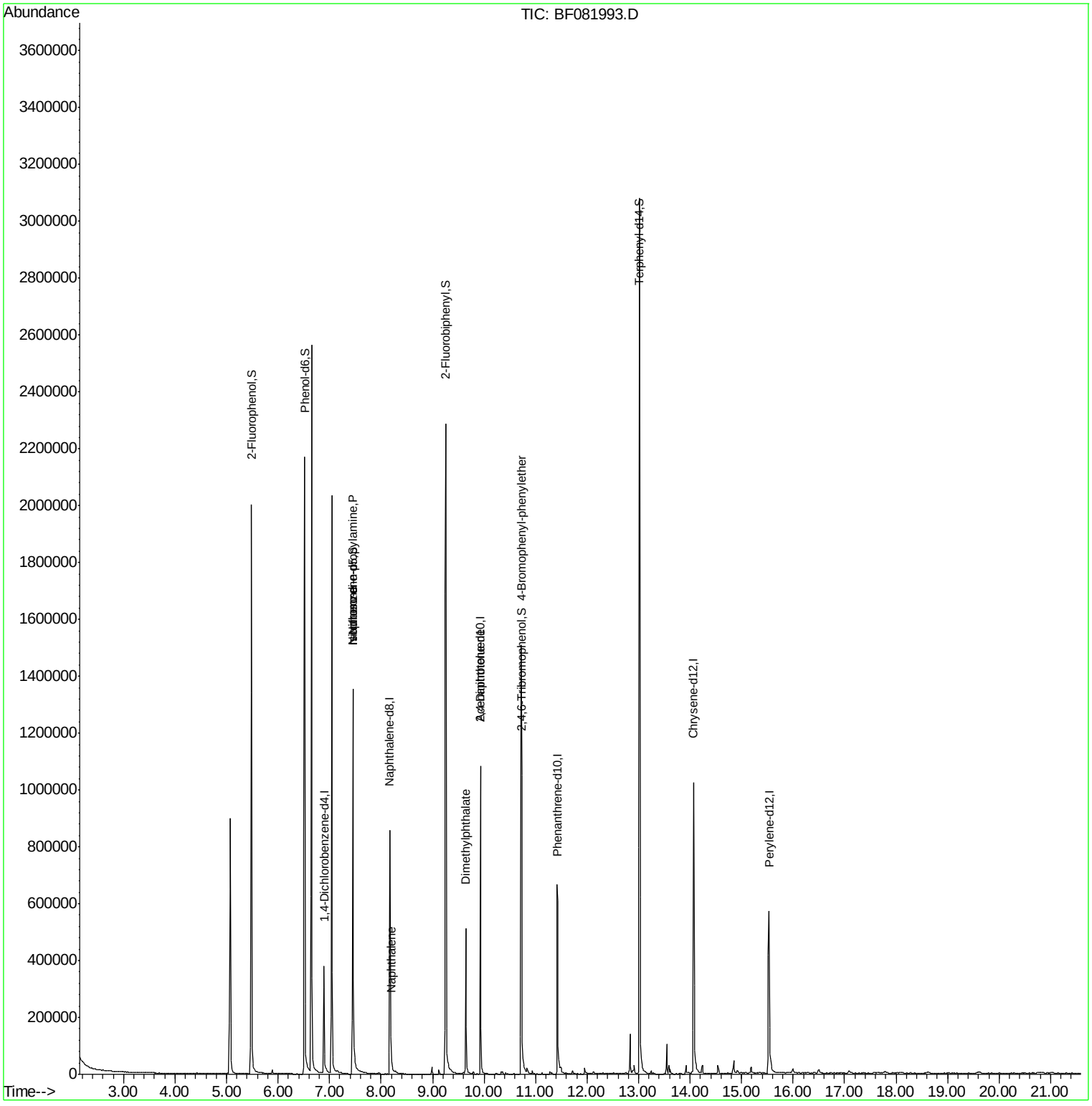
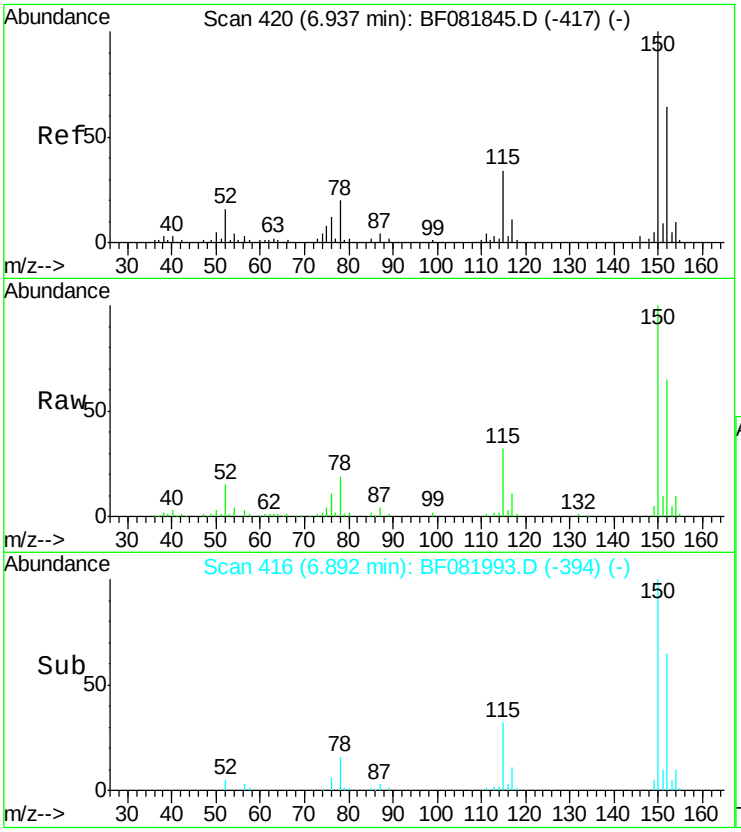


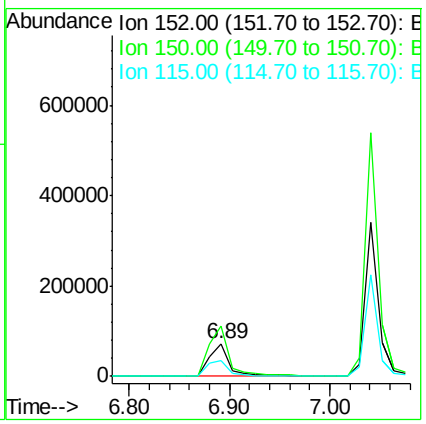


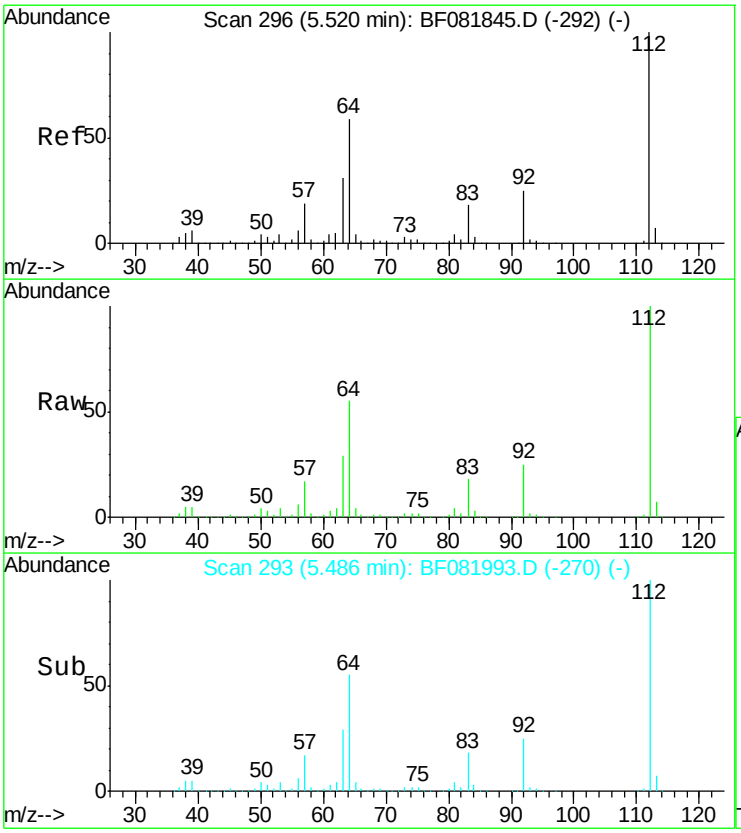
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Tgt Ion:152 Resp: 103001

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.7	187.1
115	49.5	39.0	58.4

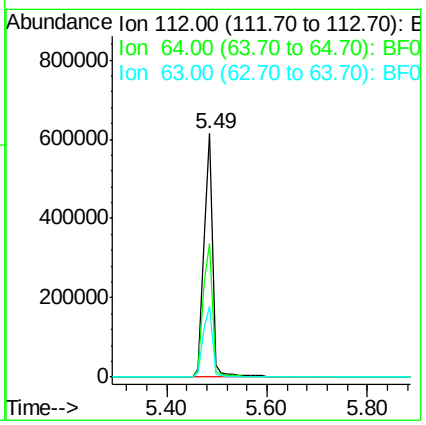


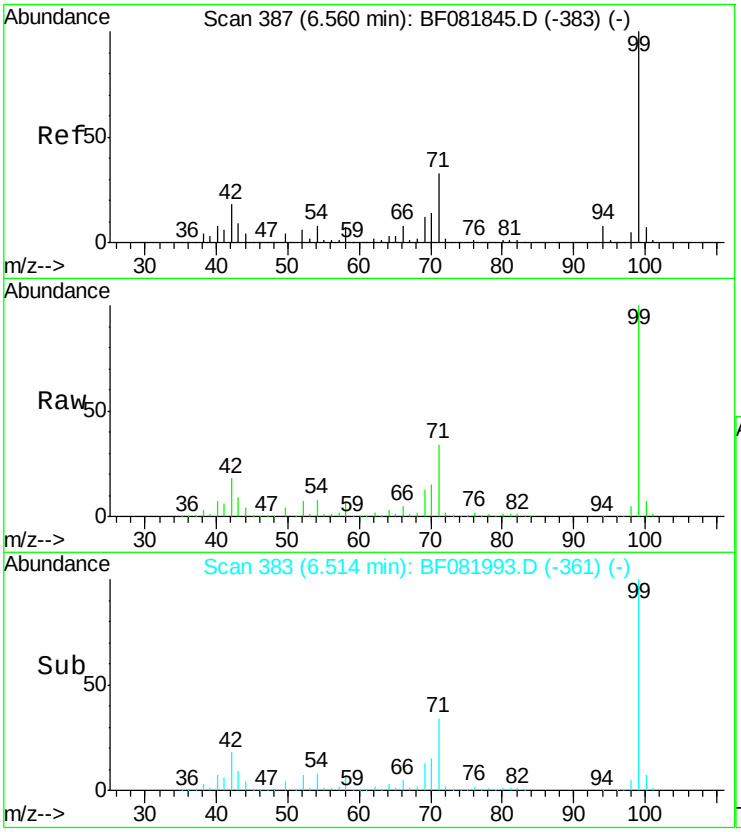


#5
2-Fluorophenol
Concen: 131.48 ng
RT: 5.49 min Scan# 293
Delta R.T. -0.03 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Tgt Ion:112 Resp: 746022

Ion	Ratio	Lower	Upper
112	100		
64	54.9	39.7	59.5
63	28.9	17.4	26.0#



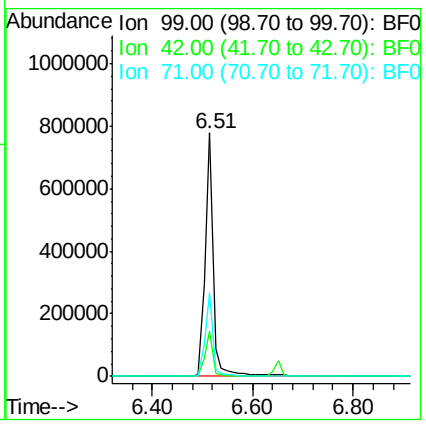


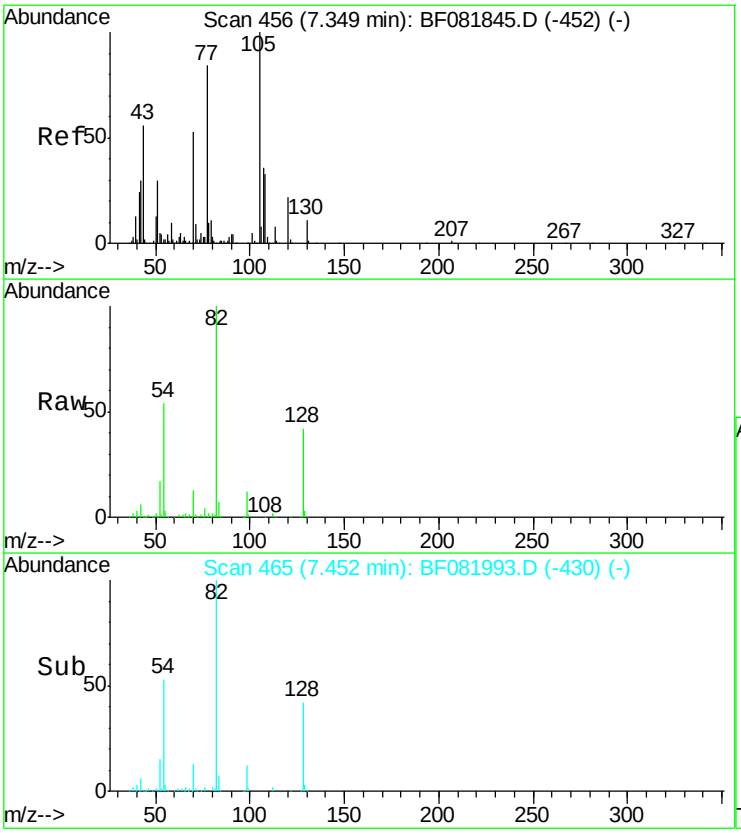
#7
Phenol-d6
Concen: 124.20 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Tgt Ion: 99 Resp: 886727

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	34.4	14.2	21.2#

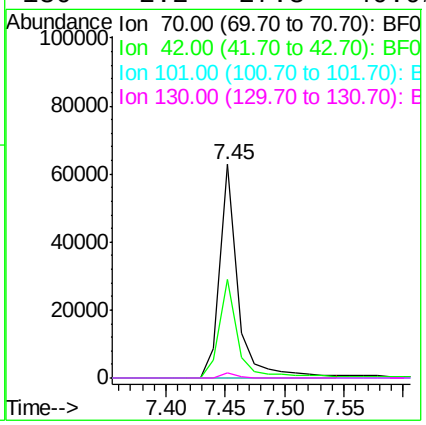


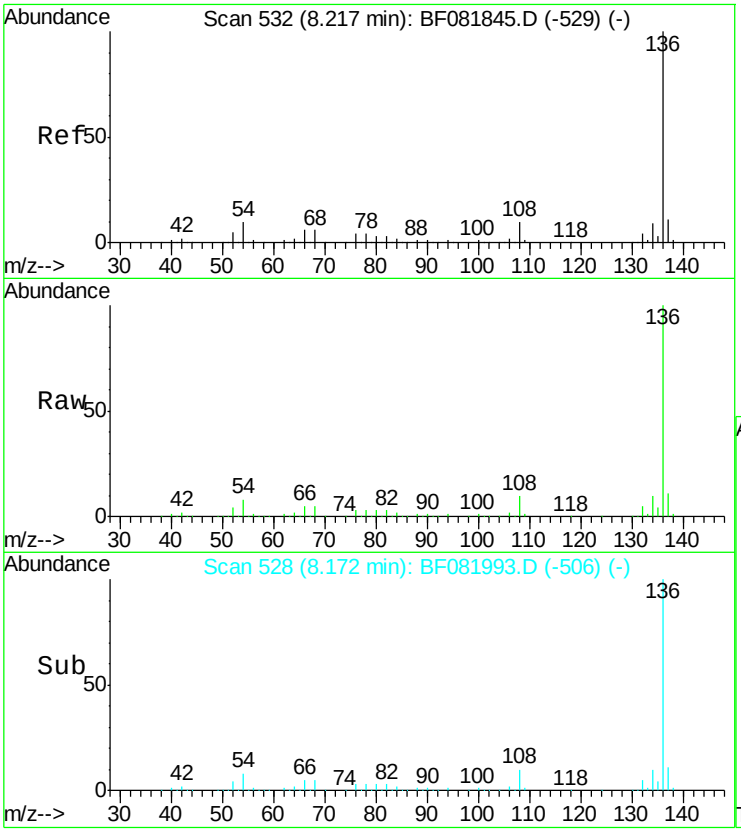


#19
n-Nitroso-di-n-propylamine
Concen: 15.52 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.10 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Tgt Ion: 70 Resp: 67331

Ion	Ratio	Lower	Upper
70	100		
42	46.3	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



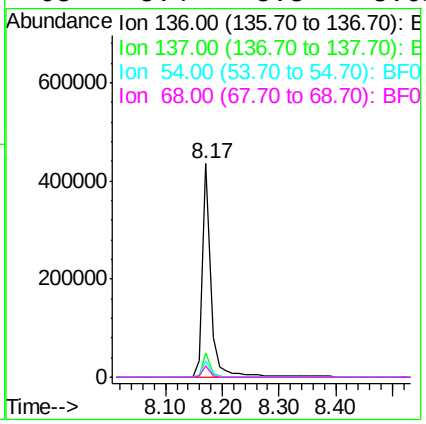


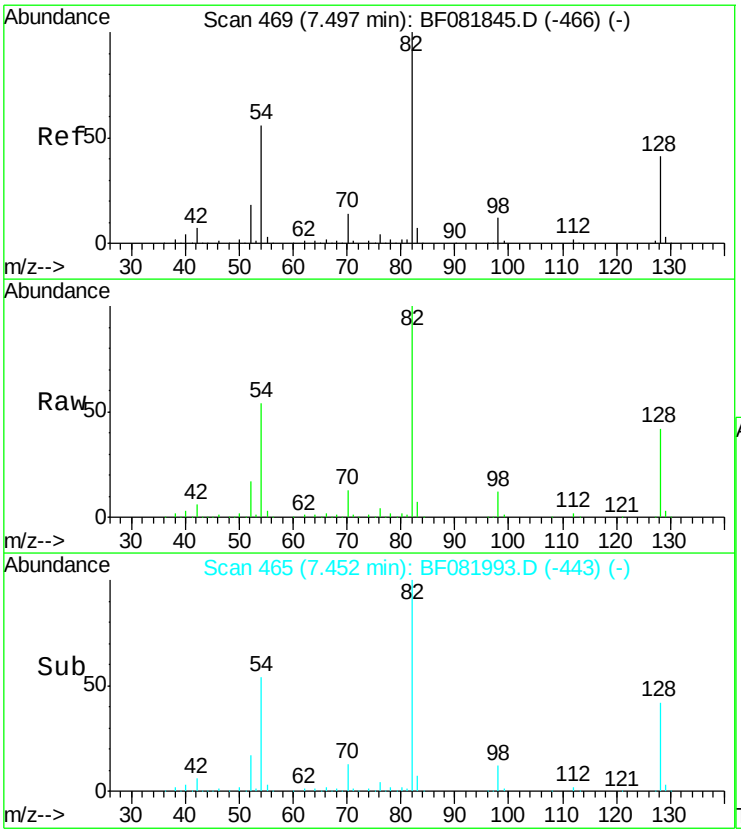
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Tgt Ion:136 Resp: 438993

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.0	8.2	12.2#
68	5.4	5.8	8.6#

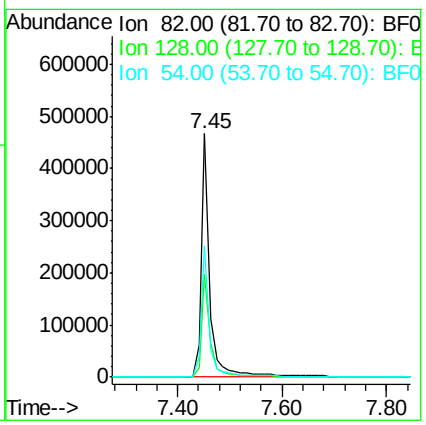


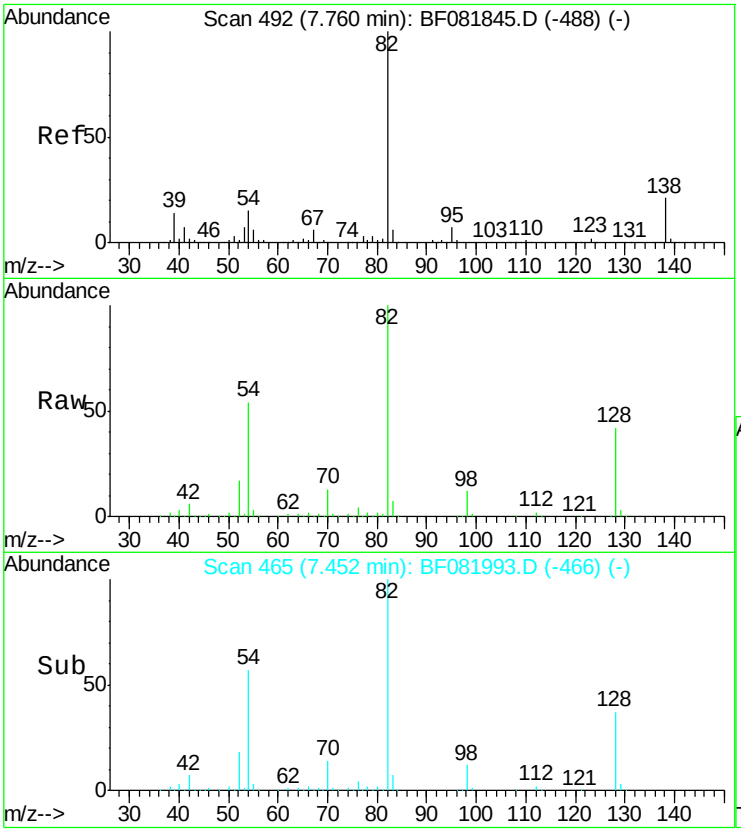


#23
Nitrobenzene-d5
Concen: 82.08 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Tgt Ion: 82 Resp: 540562

Ion	Ratio	Lower	Upper
82	100		
128	42.1	51.0	76.6#
54	54.0	47.5	71.3



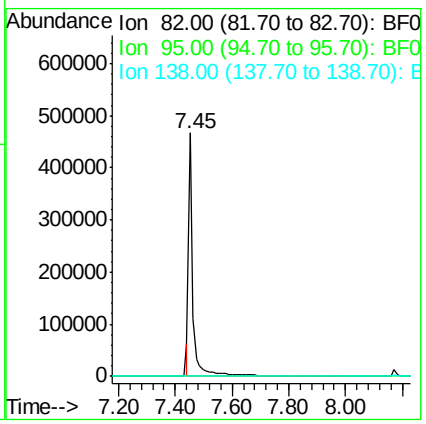


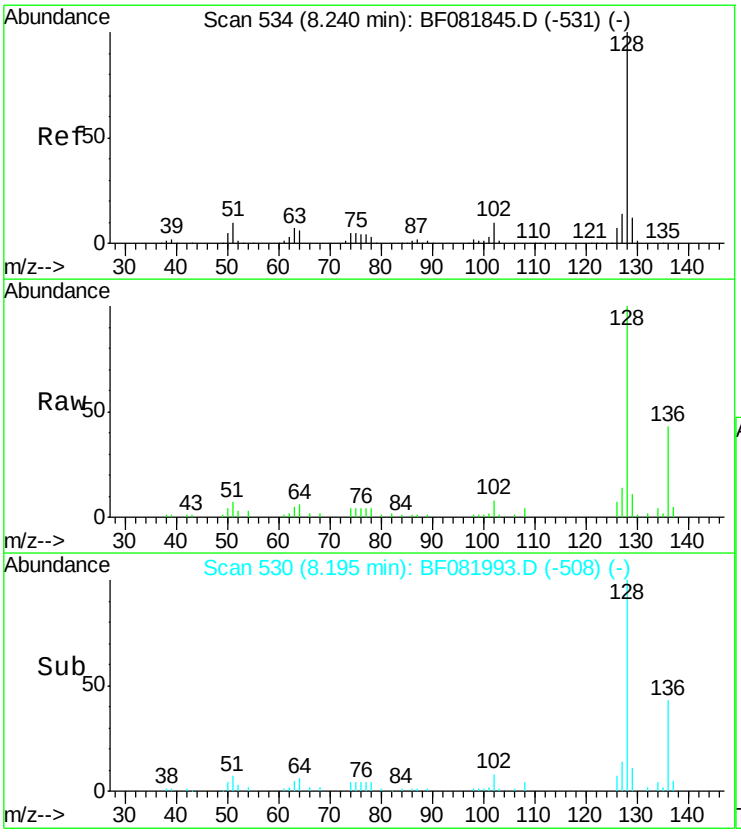
#25
Isophorone
Concen: 38.09 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.31 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Tgt Ion: 82 Resp: 497197

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

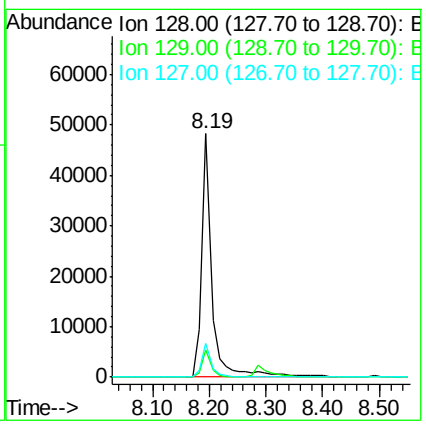


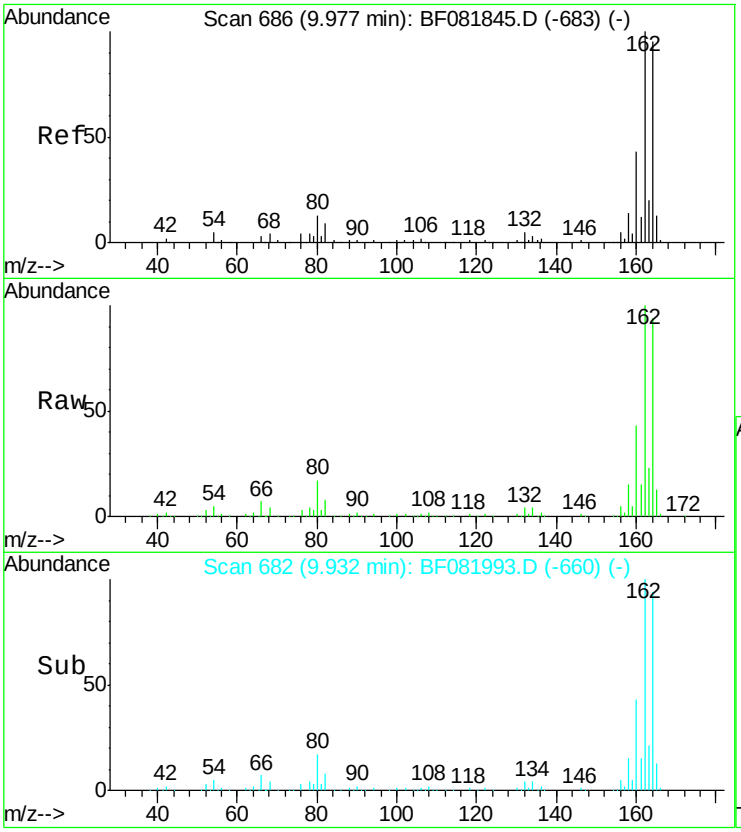


#31
Naphthalene
Concen: 3.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Tgt Ion:128 Resp: 58390

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	13.6	9.9	14.9



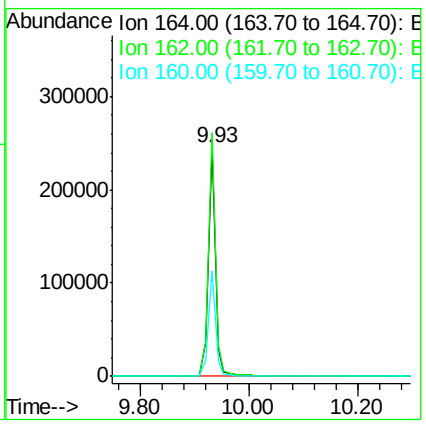


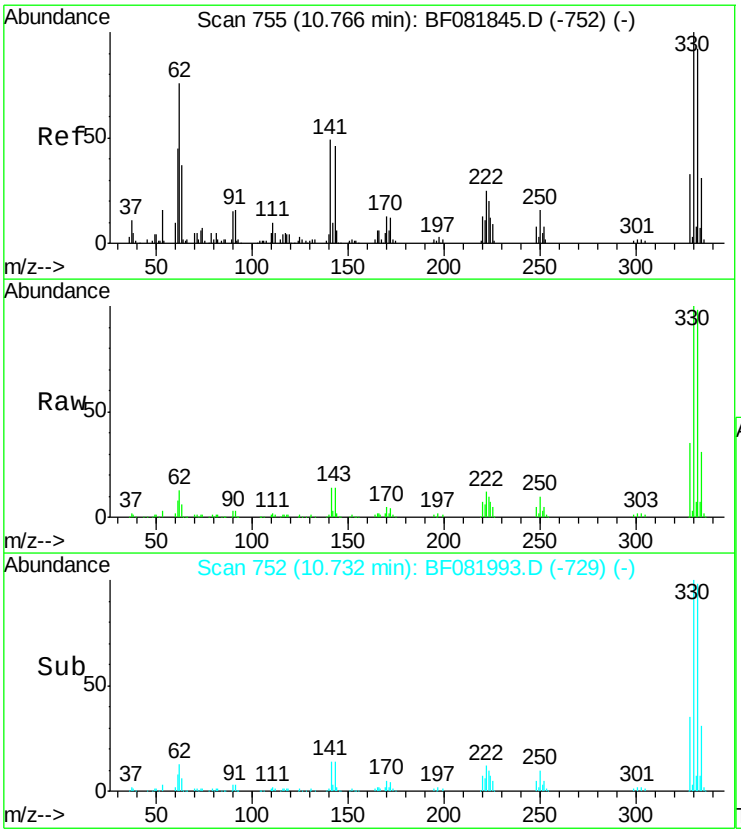
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Tgt Ion:164 Resp: 226941

Ion	Ratio	Lower	Upper
164	100		
162	106.2	75.2	112.8
160	45.7	31.5	47.3

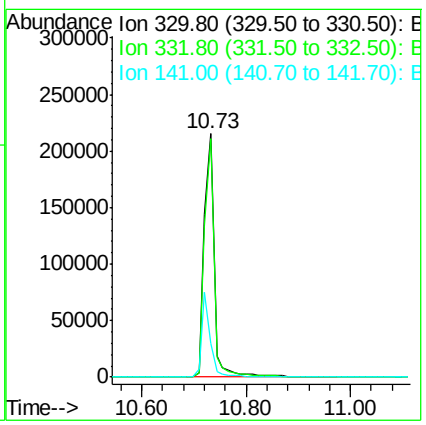


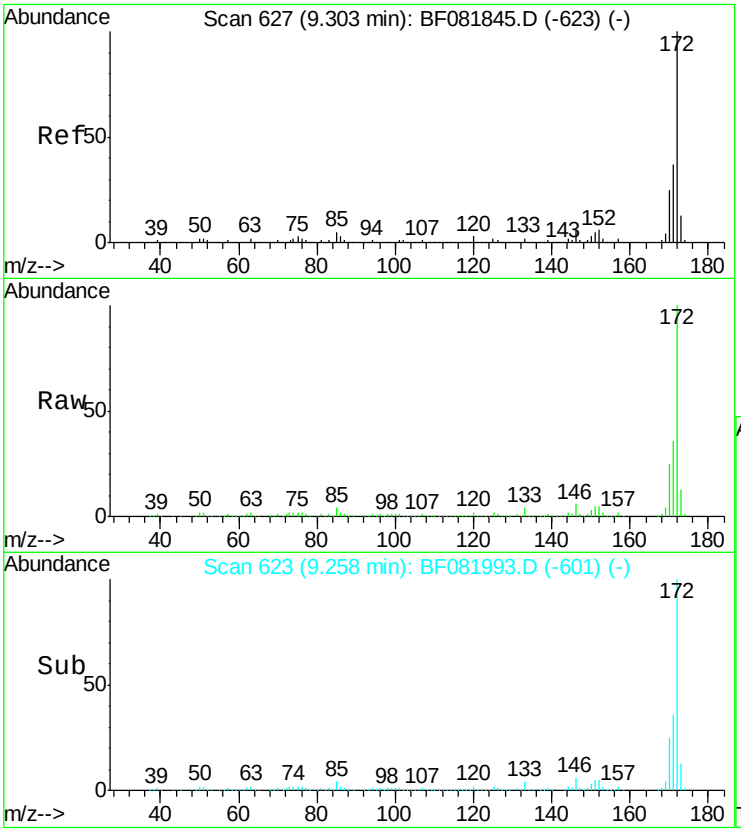


#41
2,4,6-Tribromophenol
Concen: 125.23 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Tgt Ion:330 Resp: 287830

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	30.6	29.7	44.5



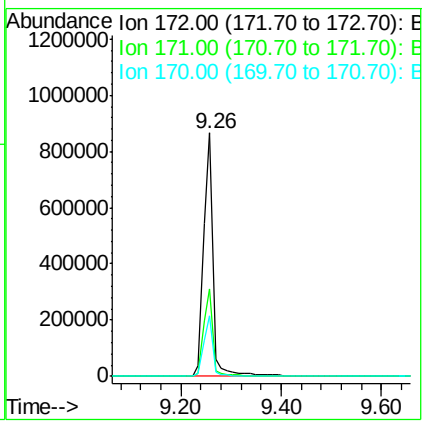


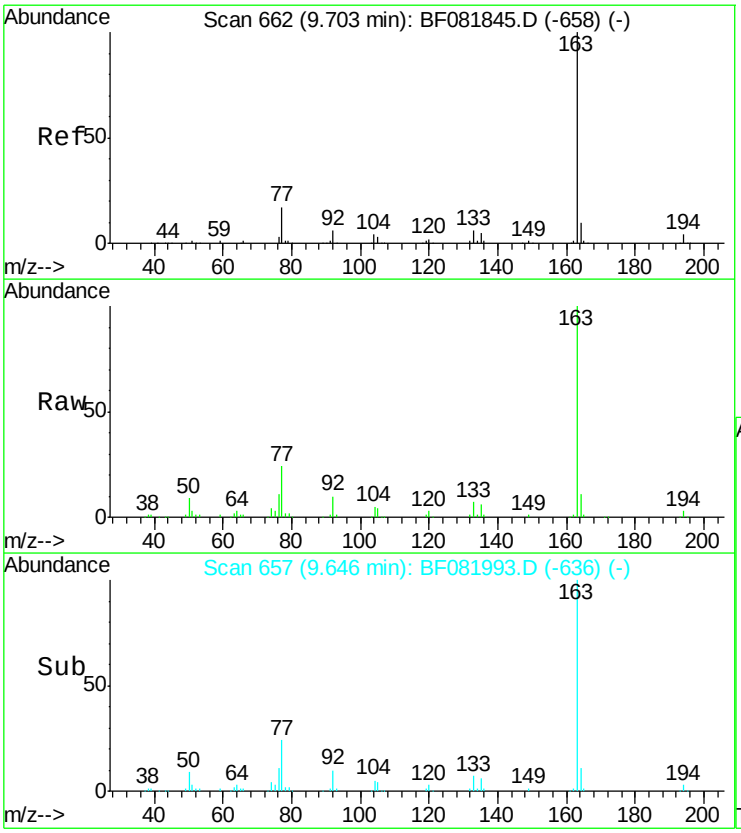
#44
2-Fluorobiphenyl
Concen: 83.38 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Tgt Ion:172 Resp: 1134996

Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.7	17.4	26.2

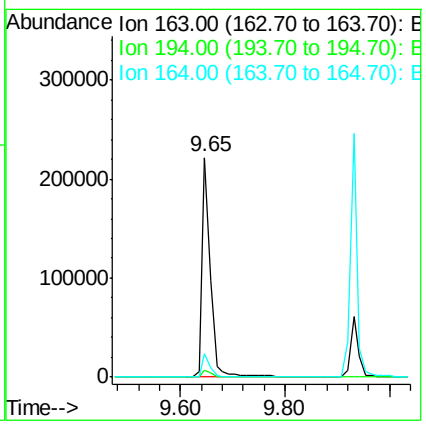


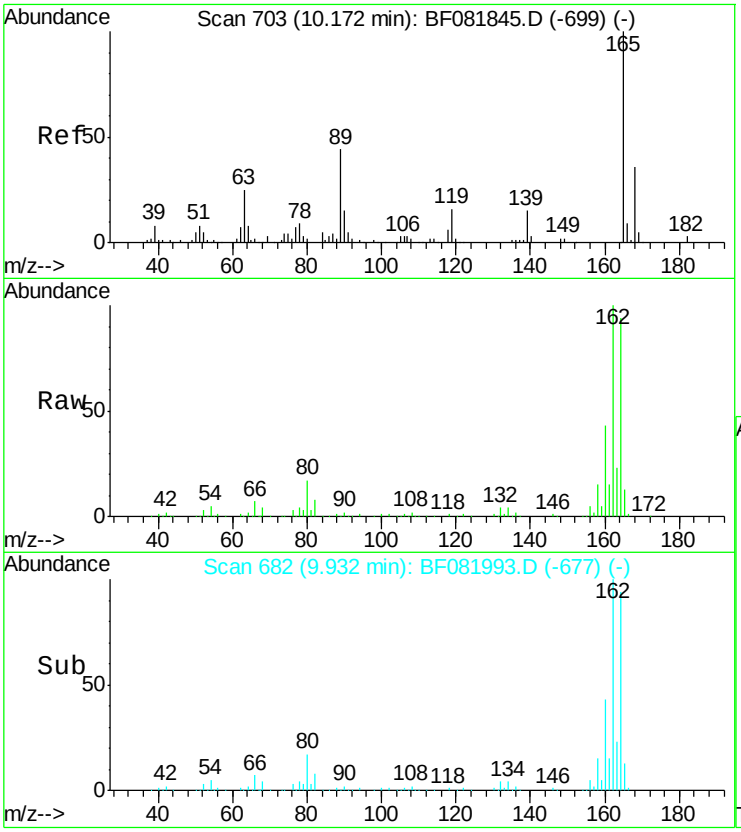


#49
Dimethylphthalate
Concen: 15.89 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Tgt Ion:163 Resp: 248845

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.9	8.3	12.5



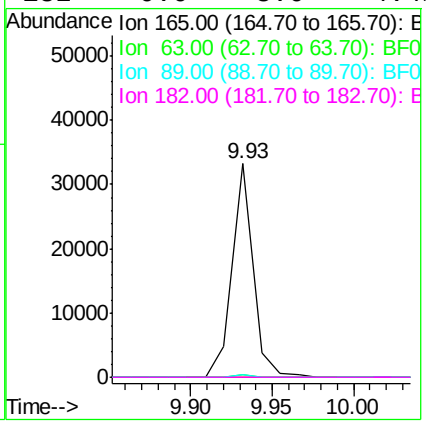


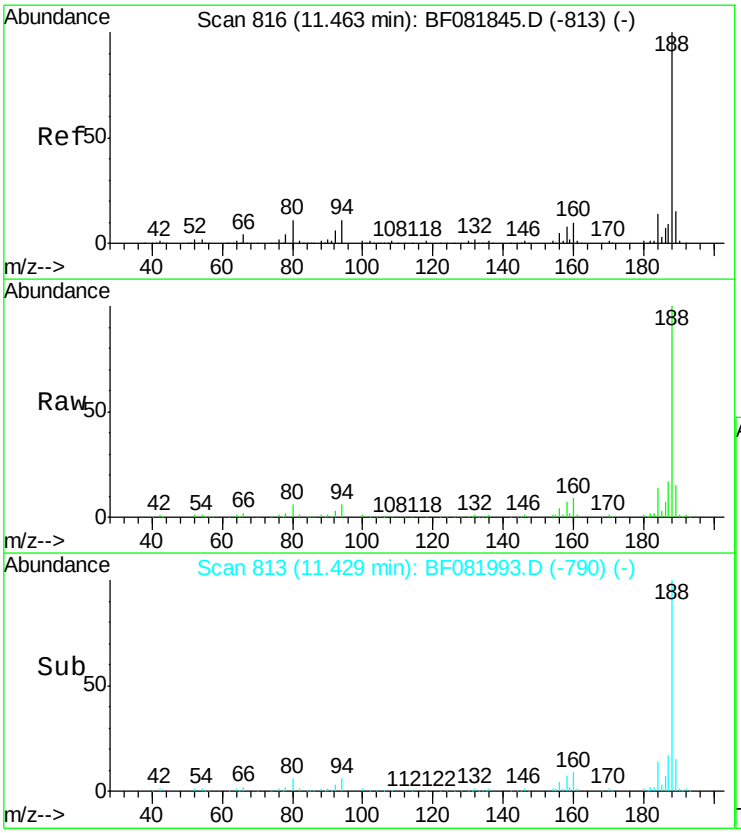
#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Tgt Ion:165 Resp: 29439

Ion	Ratio	Lower	Upper
165	100		
63	1.5	29.8	44.6#
89	1.4	44.5	66.7#
182	0.0	3.0	4.4#

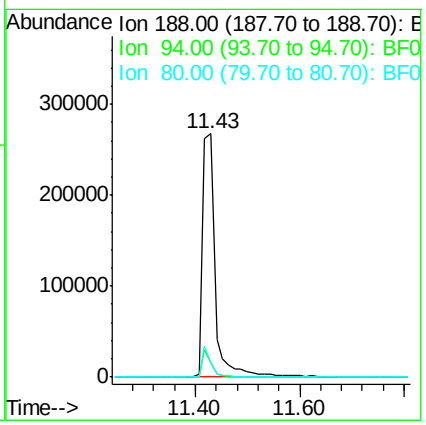


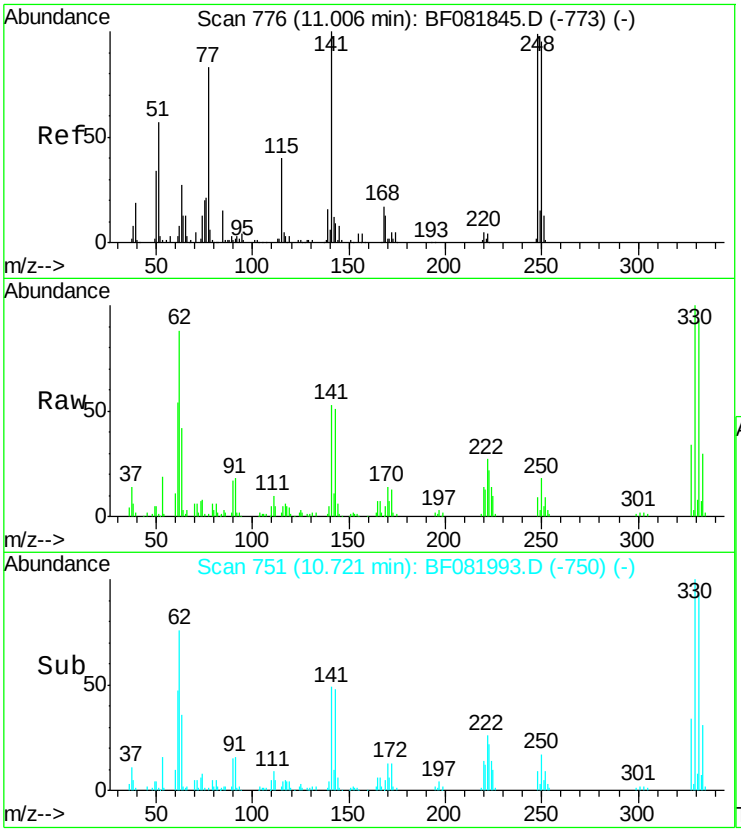


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Tgt Ion:188 Resp: 453407

Ion	Ratio	Lower	Upper
188	100		
94	6.1	11.1	16.7#
80	6.0	11.0	16.4#



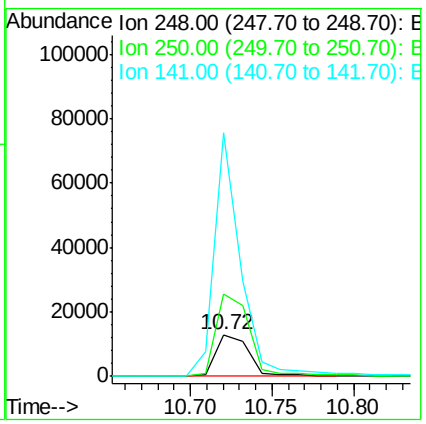


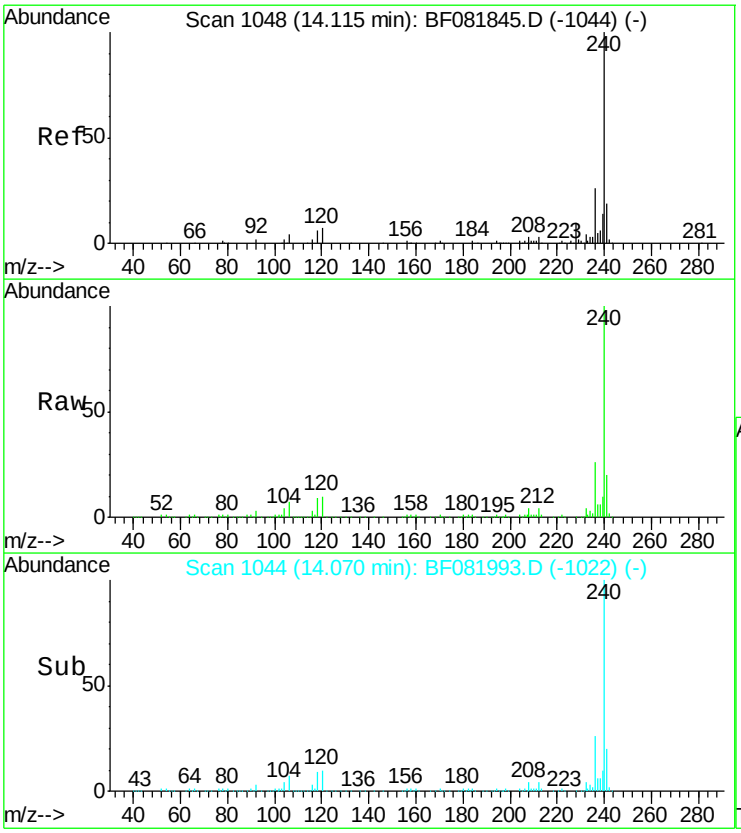
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Tgt Ion:248 Resp: 18032

Ion	Ratio	Lower	Upper
248	100		
250	197.3	78.5	117.7#
141	582.5	59.0	88.6#

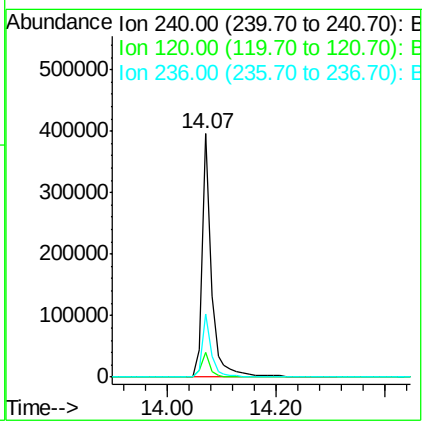


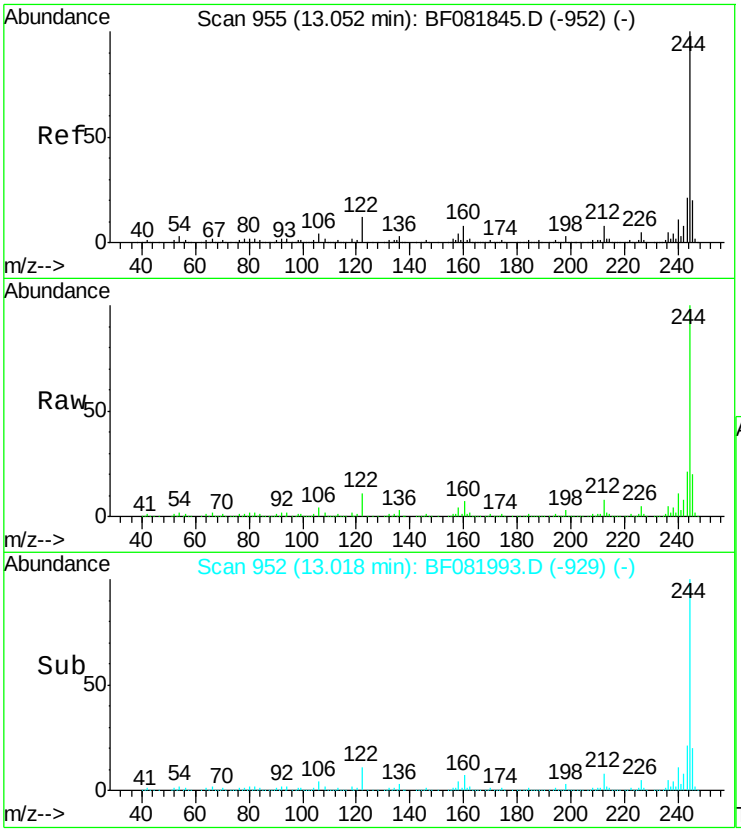


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Tgt Ion:240 Resp: 465490

Ion	Ratio	Lower	Upper
240	100		
120	10.2	16.2	24.2#
236	26.1	18.4	27.6



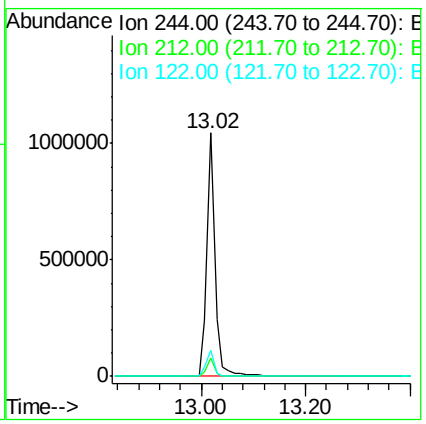


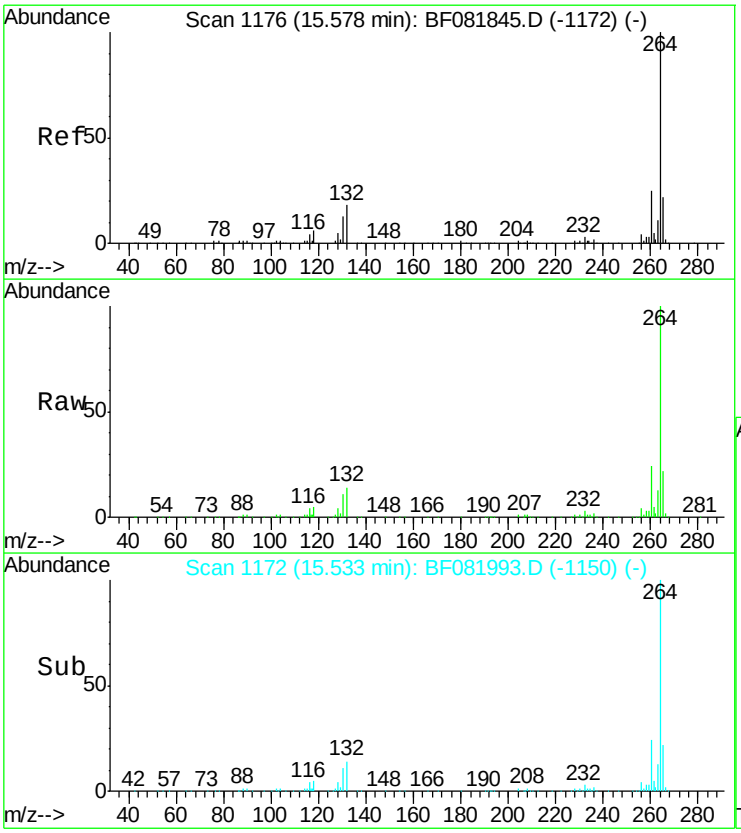
#78
Terphenyl-d14
Concen: 77.09 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF081993.D
Acq: 2 Oct 2015 22:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(31-33)

Tgt Ion:244 Resp: 1140039

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	10.9	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: BF081993.D
Acq: 2 Oct 2015 22:05

Tgt Ion:264 Resp: 368711

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	22.1	17.2	25.8