Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097347.D
Acq On : 4 Aug 2017 5:28
Operator : SJ/JU
Sample : I4532-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 04 05:58:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	93163	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	431770	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	165100	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	245457	20.00	ng	-0.06
75) Chrysene-d12	13.57	240	166439	20.00	ng	-0.06
86) Perylene-d12	14.91	264	138147	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	436098	70.57	ng	-0.05
7) Phenol-d6	6.12	99	343611	48.70	ng	-0.05
23) Nitrobenzene-d5	7.02	82	528698	71.83	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	158908	121.82	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	930315	95.63	ng	-0.06
78) Terphenyl-d14	12.53	244	599220	73.40	ng	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	1.96	88	54609	21.175	ng	# 67
9) Benzaldehyde	6.22	77	14007	3.354	ng	# 70
15) Benzyl Alcohol	6.60	79	9580	2.145	ng	# 39
19) n-Nitroso-di-n-propylamine	7.02	70	71266	15.346	ng	# 88
25) Isophorone	7.02	82	521337	36.169	ng	# 67
50) 2,6-Dinitrotoluene	9.47	165	21097	7.934	ng	# 32
56) 2,4-Dinitrotoluene	9.47	165	21097	6.902	ng	# 32
66) 4-Bromophenyl-phenylether	10.26	248	10312	4.210	ng	# 1

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

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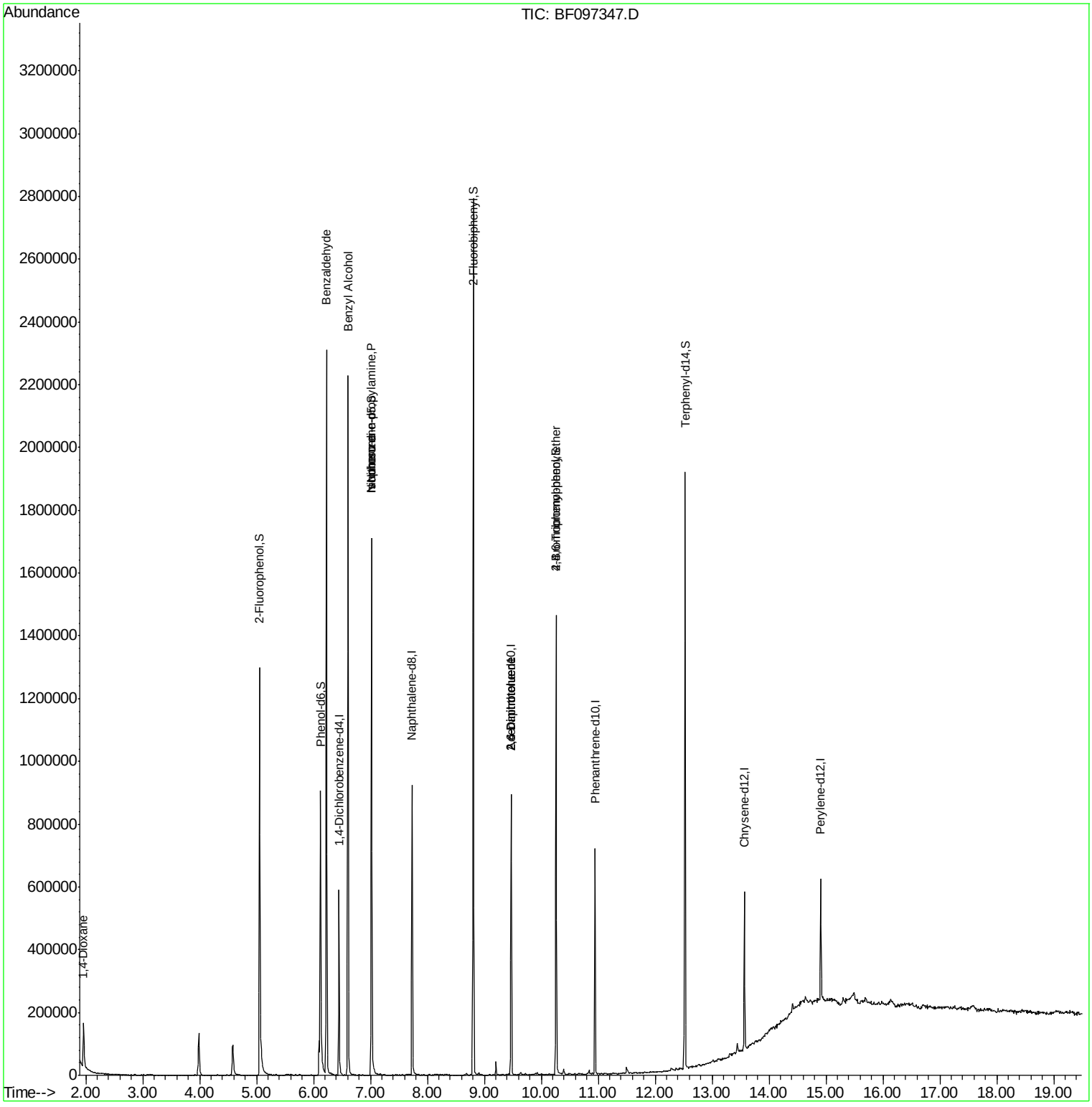
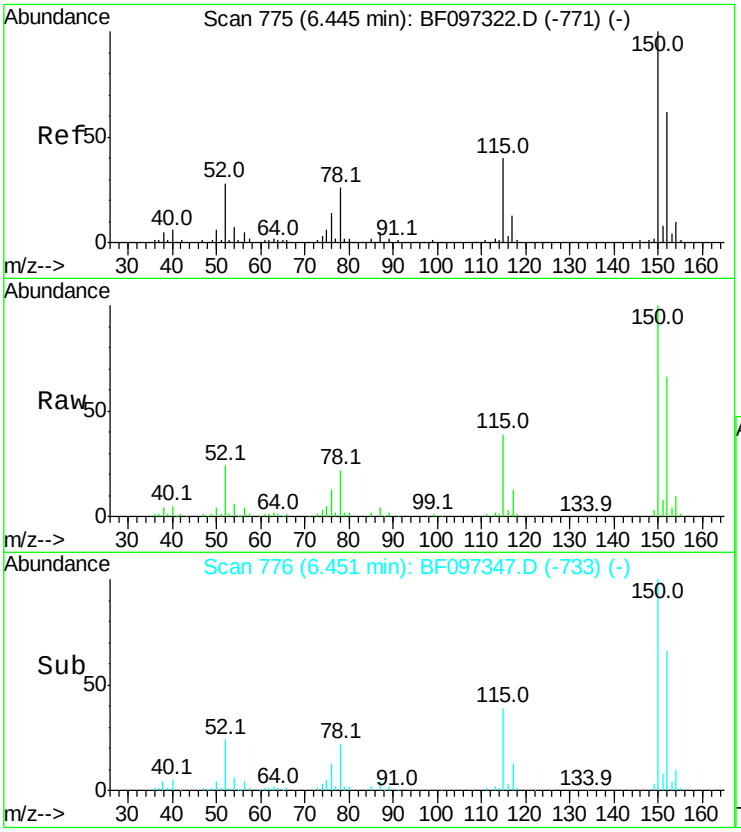


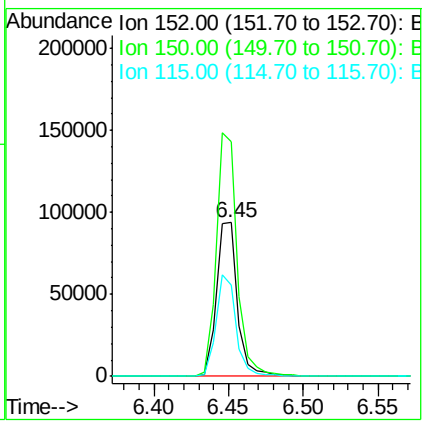


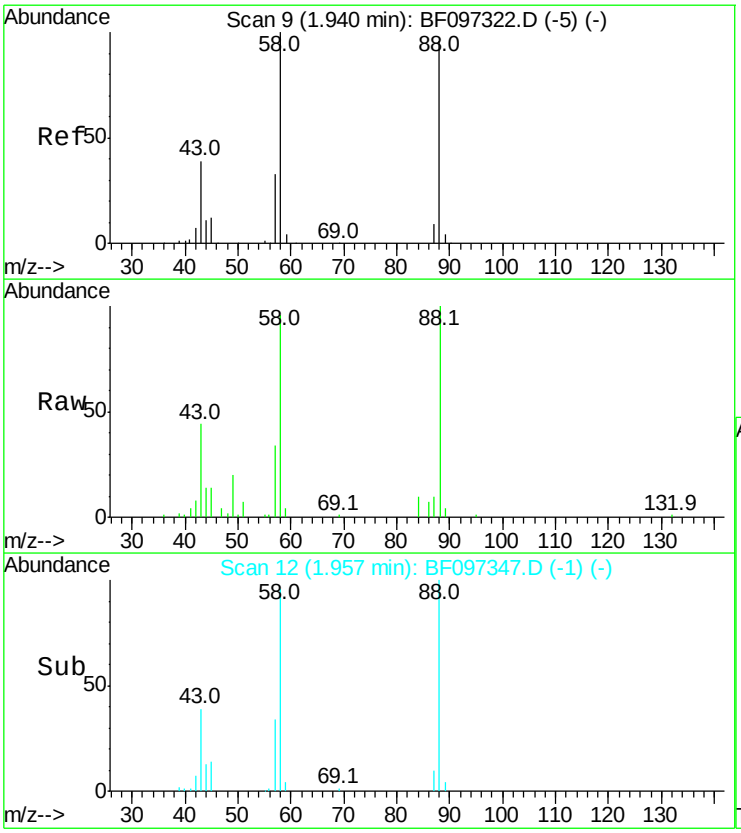
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 93163

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.2	189.2
115	59.6	52.2	78.2

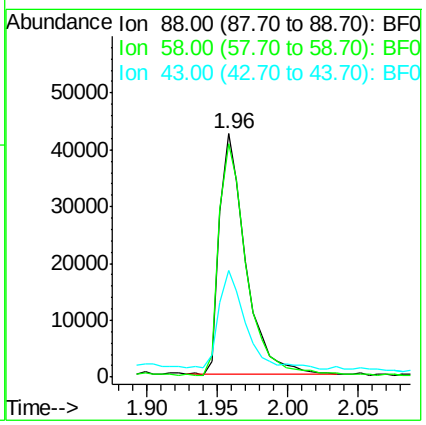


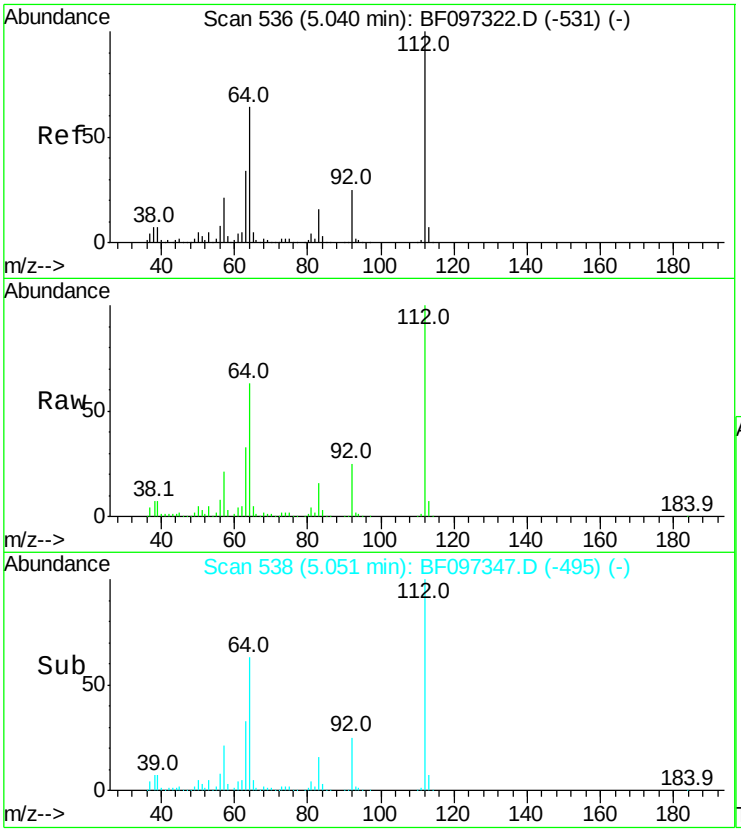


#2
1,4-Dioxane
Concen: 21.175 ng
RT: 1.96 min Scan# 12
Delta R.T. -0.09 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion: 88 Resp: 54609

Ion	Ratio	Lower	Upper
88	100		
58	107.4	61.4	92.0#
43	42.6	23.4	35.0#



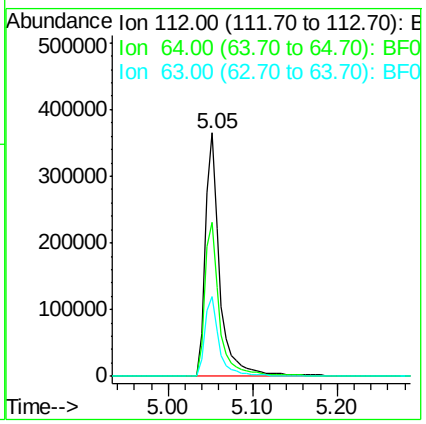


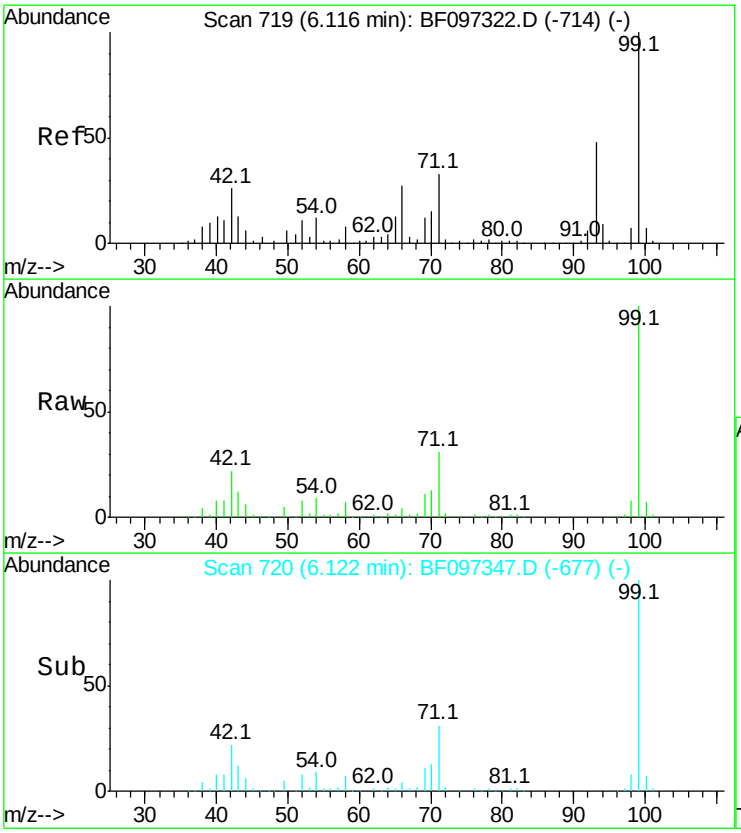
#5
2-Fluorophenol
Concen: 70.566 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 436098

Ion	Ratio	Lower	Upper
112	100		
64	63.2	46.0	69.0
63	32.8	23.4	35.0

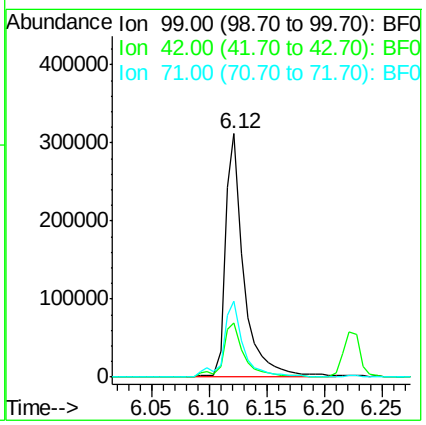


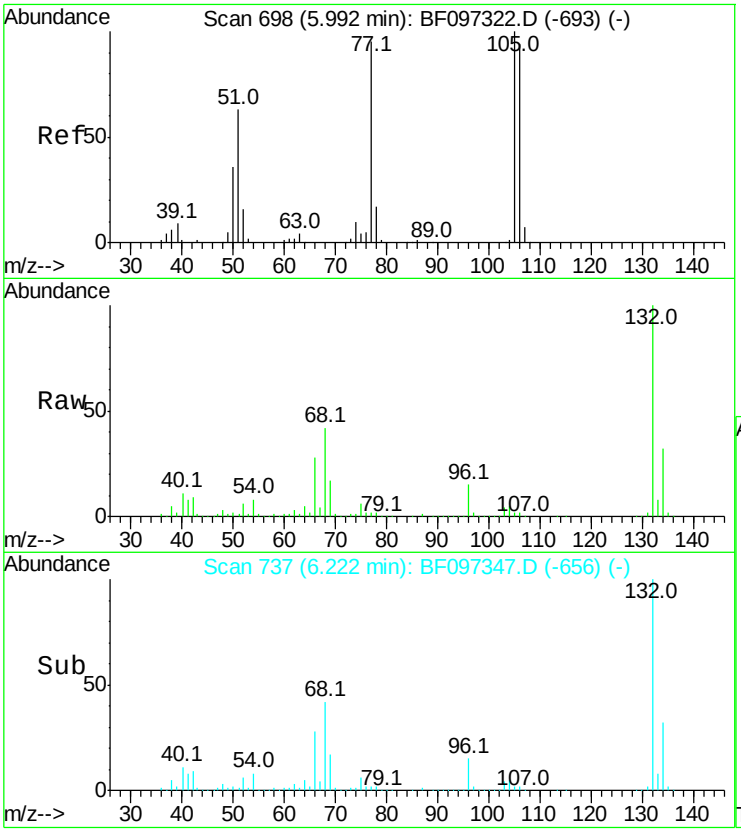


#7
Phenol-d6
Concen: 48.703 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion: 99 Resp: 343611

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	31.4	24.5	36.7

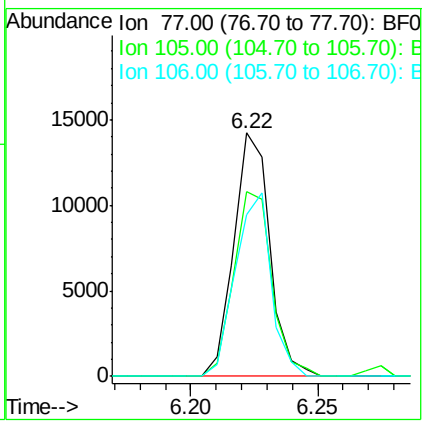




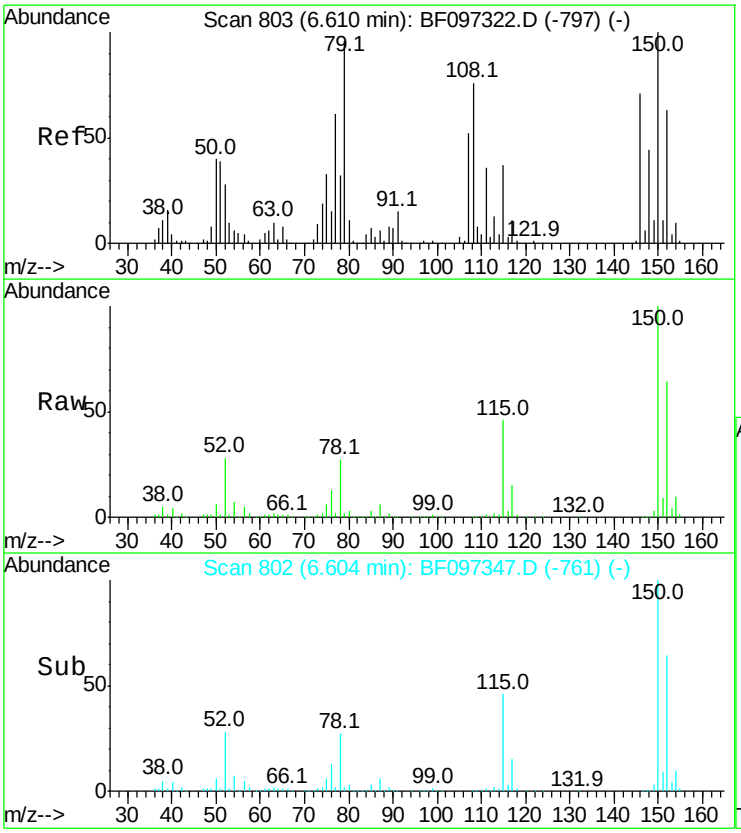
#9
Benzaldehyde
Concen: 3.354 ng
RT: 6.22 min Scan# 737
Delta R.T. 0.18 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion: 77 Resp: 14007

Ion	Ratio	Lower	Upper
77	100		
105	75.8	83.8	123.8#
106	66.6	79.1	119.1#



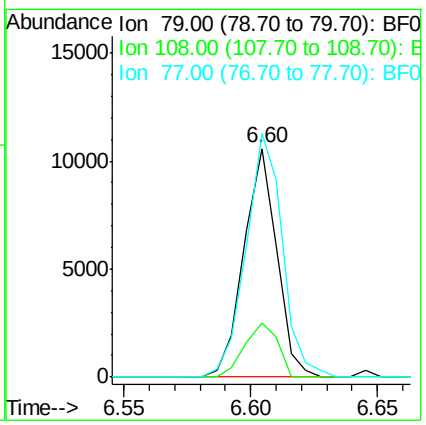
Instrument :
BNA_F
ClientSampleId :

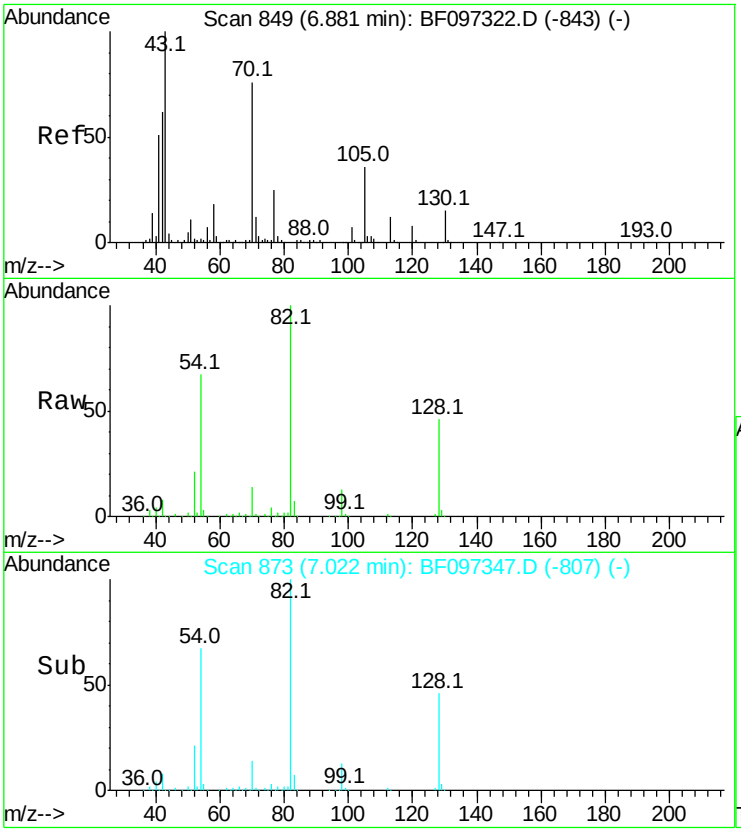


#15
Benzyl Alcohol
Concen: 2.145 ng
RT: 6.60 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion: 79 Resp: 9580

Ion	Ratio	Lower	Upper
79	100		
108	23.7	63.4	95.0#
77	106.5	49.2	73.8#



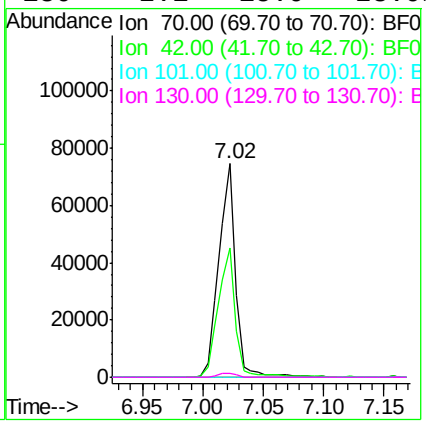


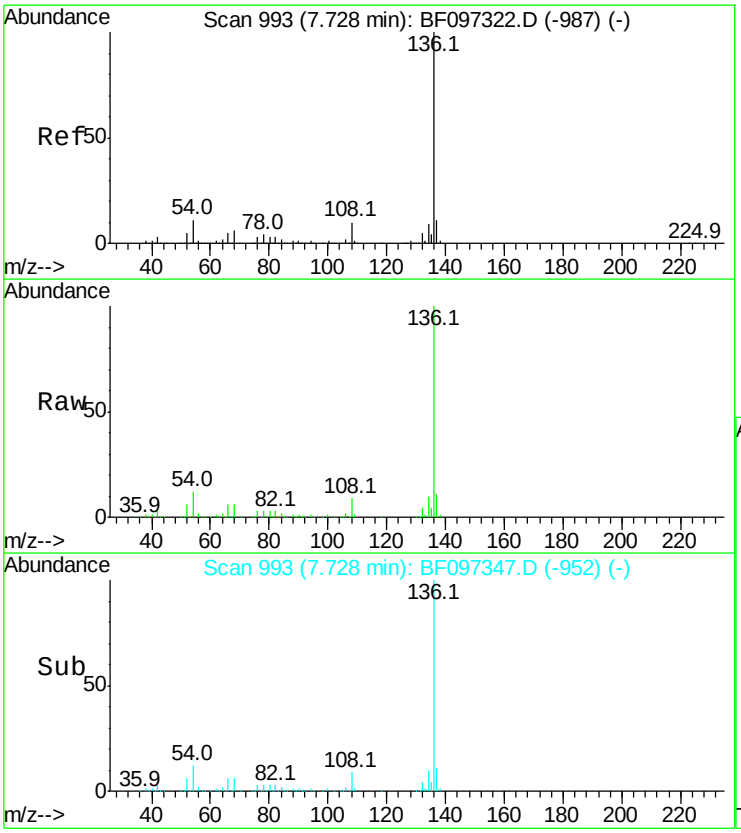
#19
n-Nitroso-di-n-propylamine
Concen: 15.346 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 71266

Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

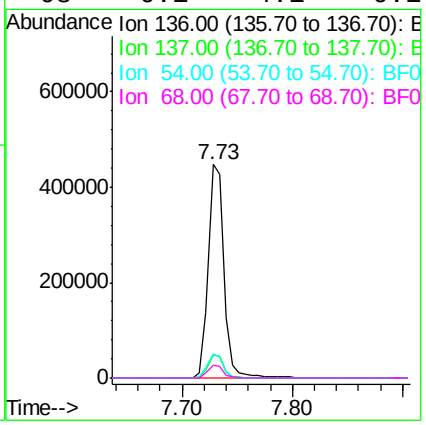


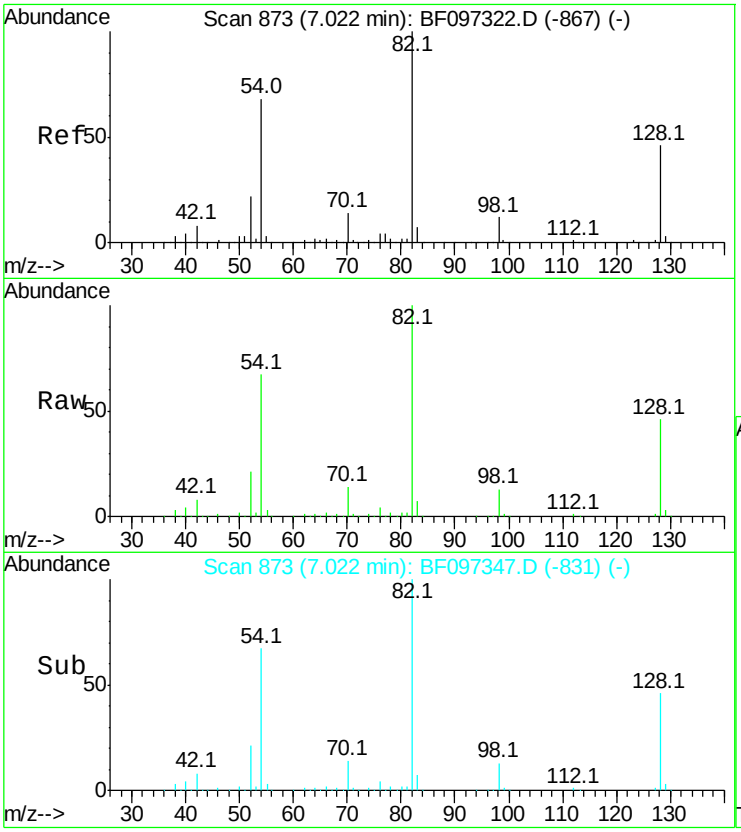


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion:136 Resp: 431770

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.7	4.9	7.3#
68	6.1	4.1	6.1



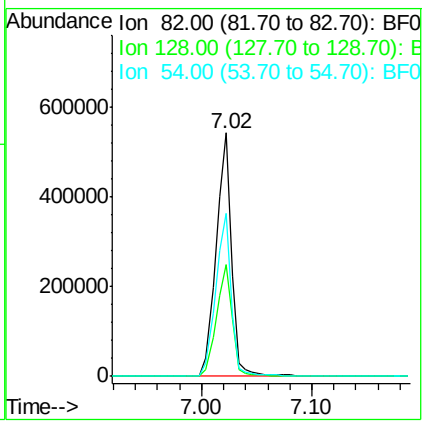


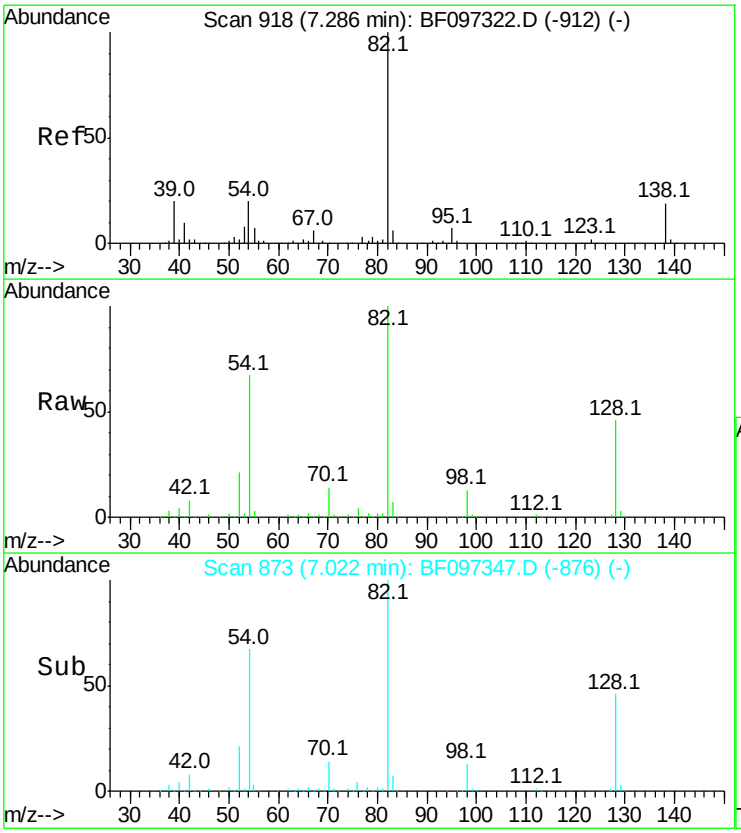
#23
Nitrobenzene-d5
Concen: 71.833 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 528698

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	67.0	42.2	63.2#

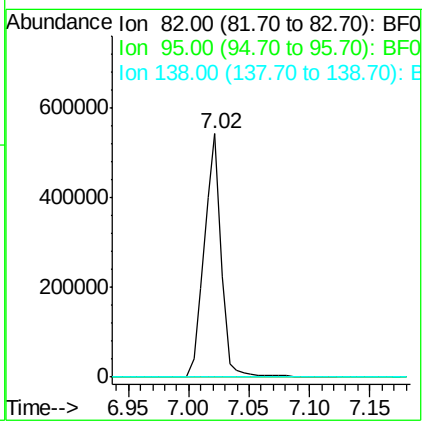


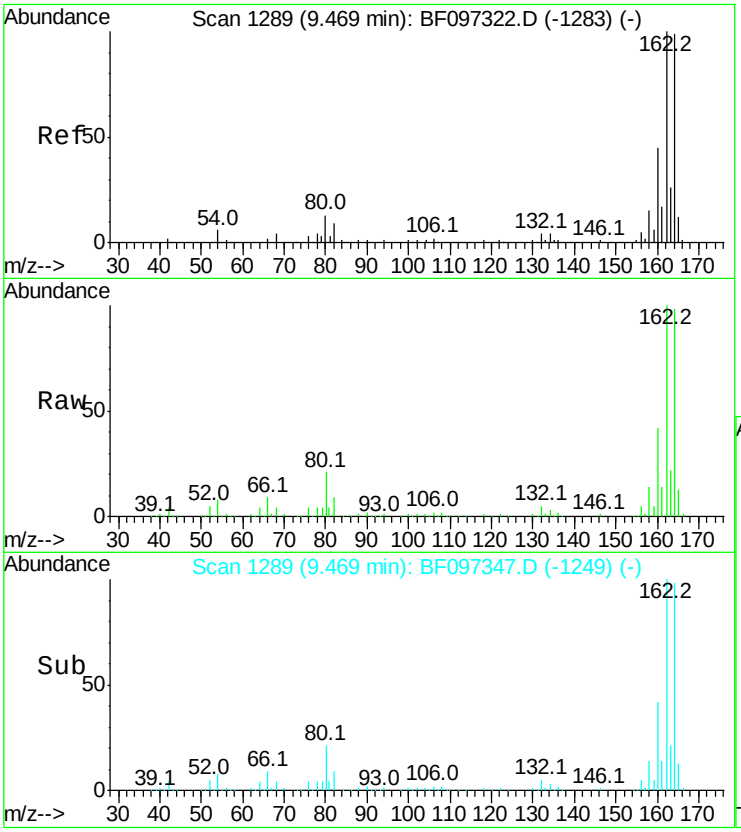


#25
Isophorone
Concen: 36.169 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.32 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion: 82 Resp: 521337

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



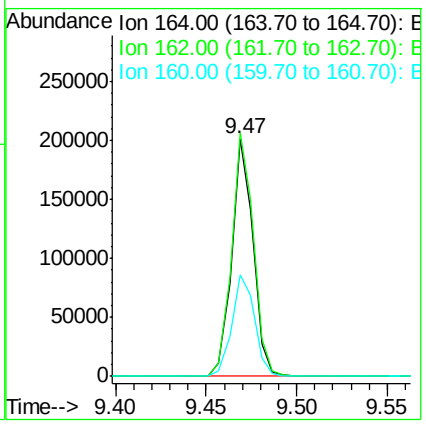


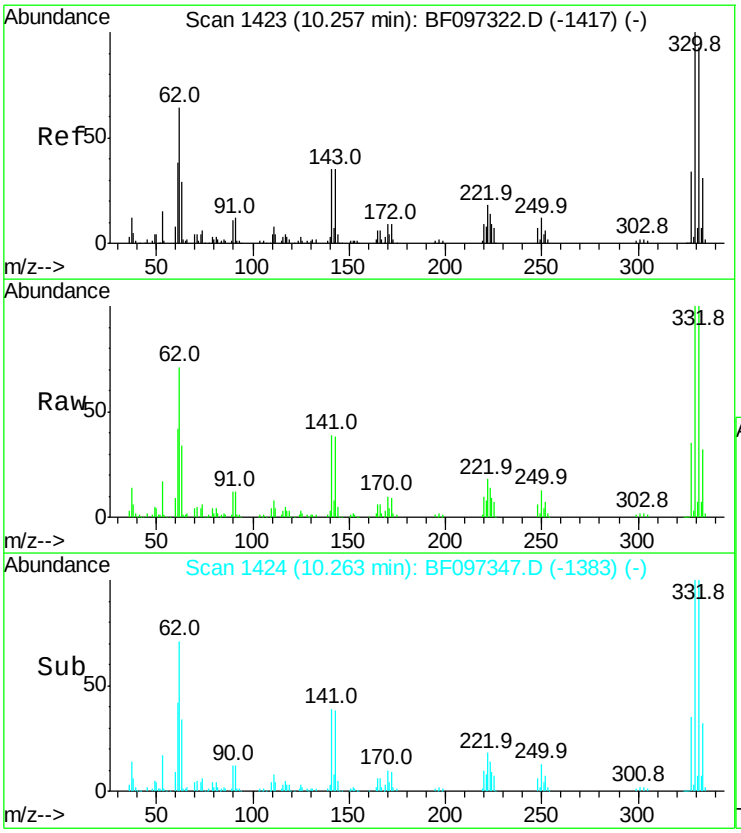
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 165100

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	42.9	36.2	54.2

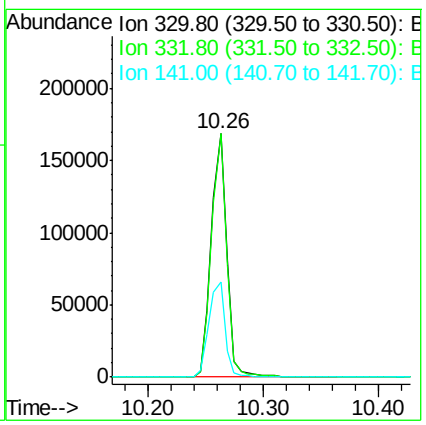


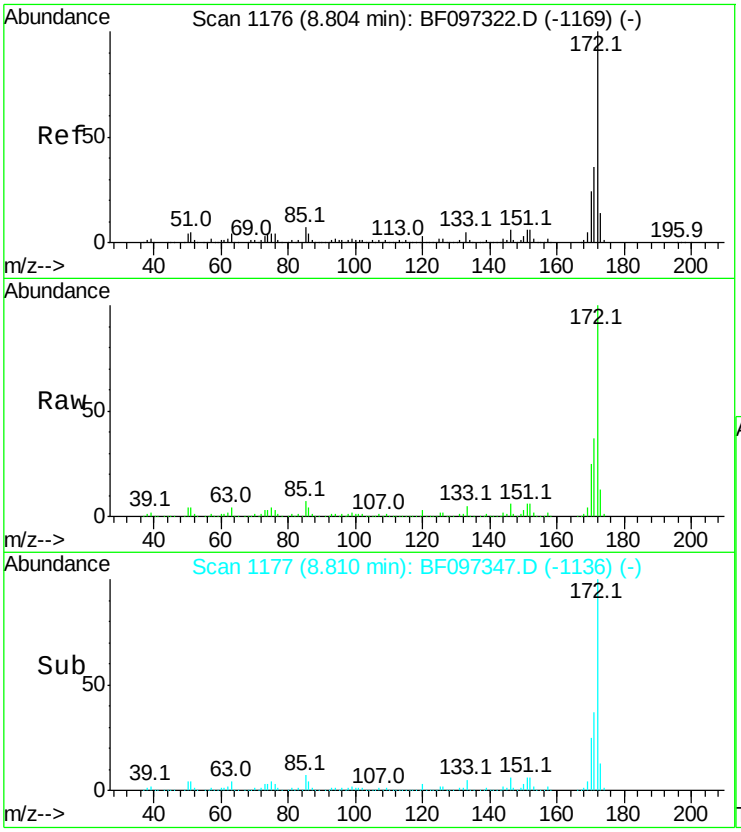


#41
2,4,6-Tribromophenol
Concen: 121.820 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.06 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion:330 Resp: 158908

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	41.1	31.4	47.2



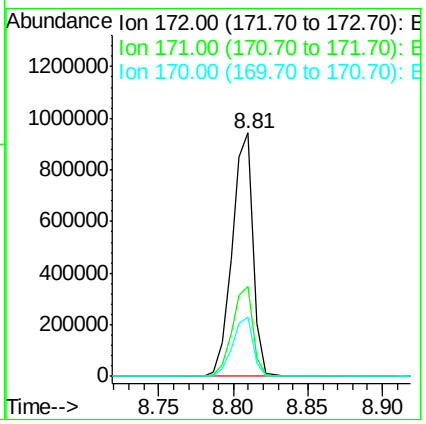


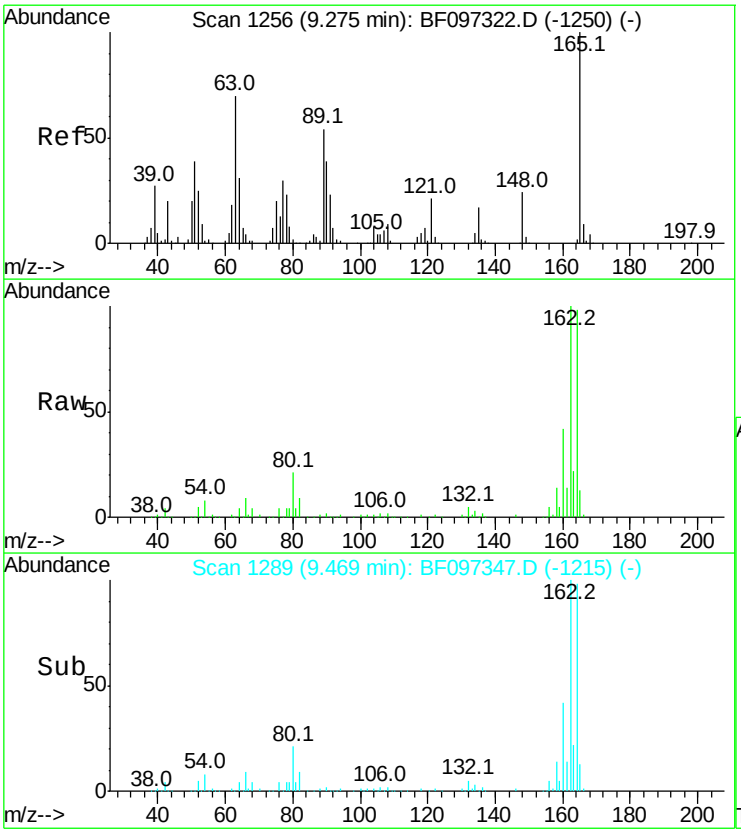
#44
2-Fluorobiphenyl
Concen: 95.629 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 930315

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.6	19.8	29.8

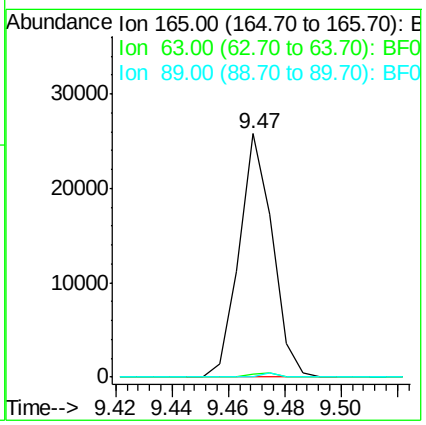


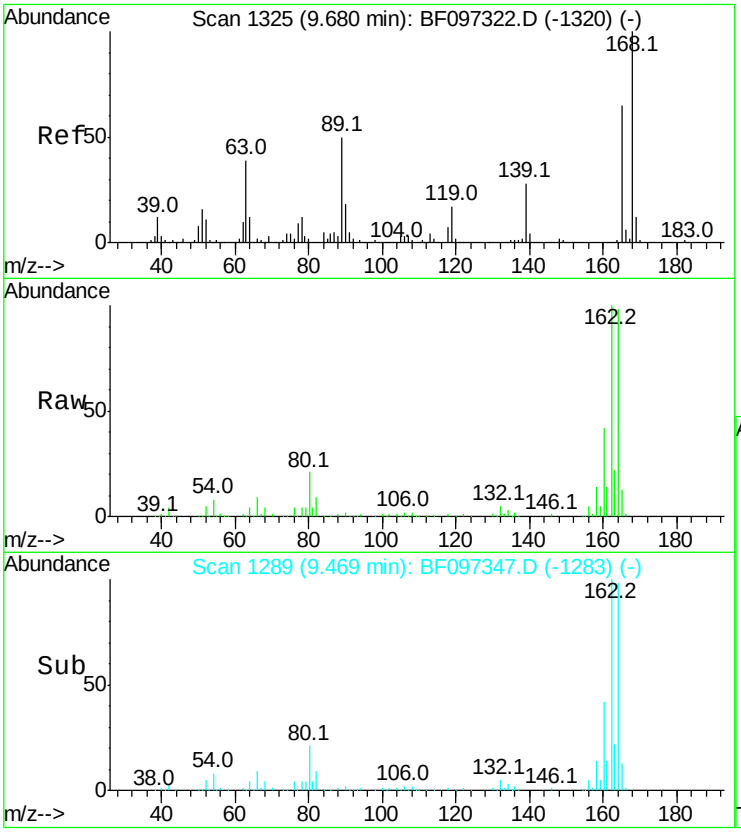


#50
2,6-Dinitrotoluene
Concen: 7.934 ng
RT: 9.47 min Scan# 1289
Delta R.T. 0.14 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion:165 Resp: 21097

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	0.0	37.1	55.7#



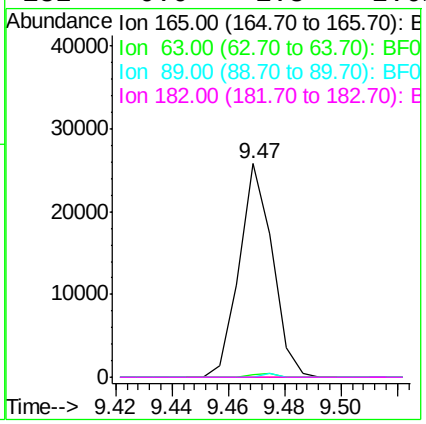


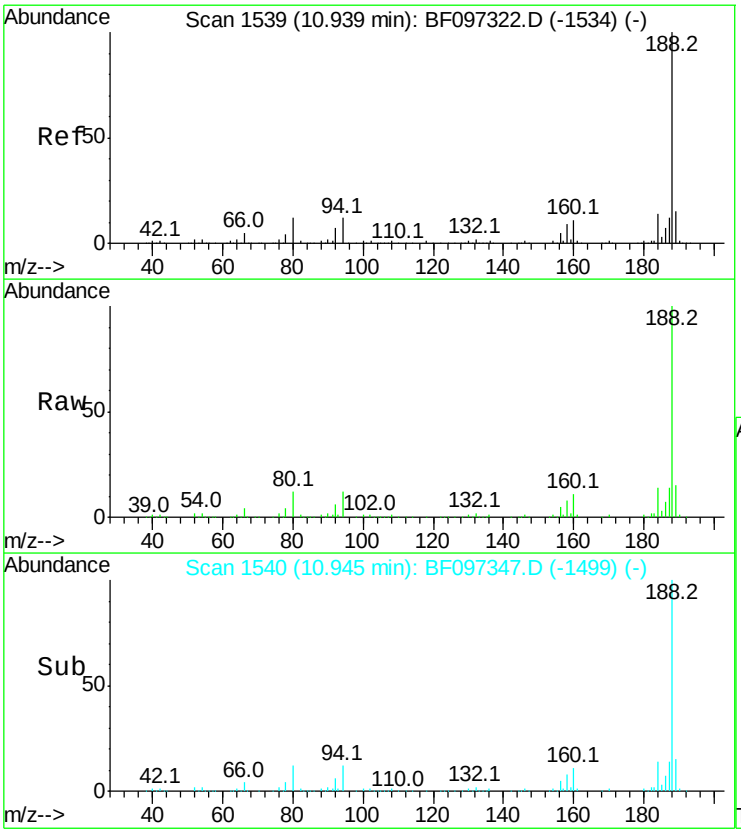
#56
2,4-Dinitrotoluene
Concen: 6.902 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.26 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21097

Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

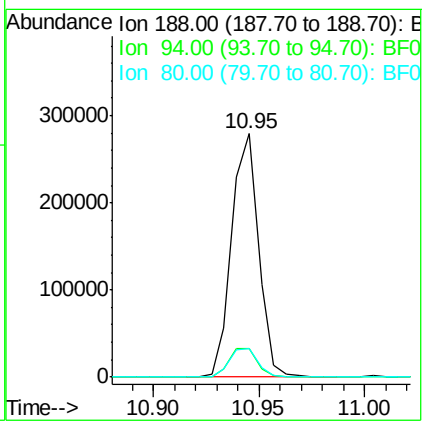


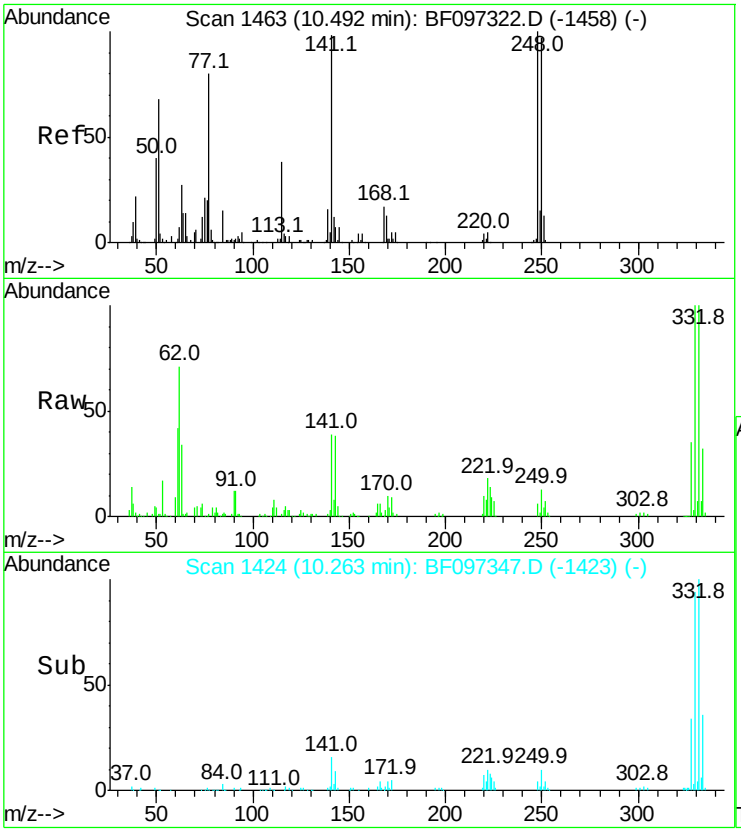


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1540
Delta R.T. -0.06 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion:188 Resp: 245457

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.0	10.2	15.2



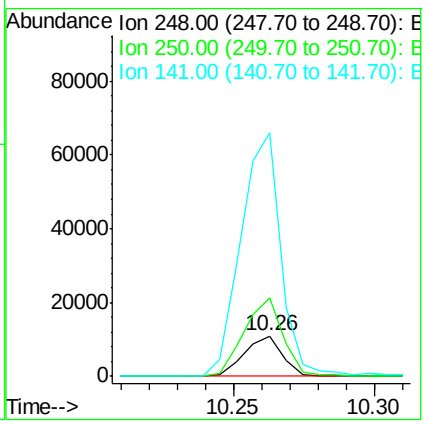


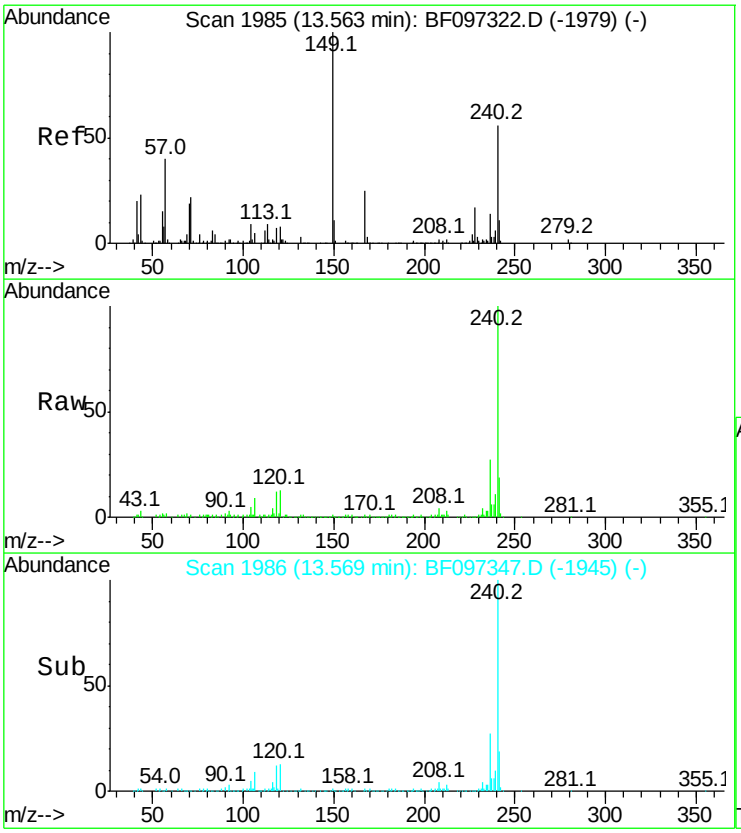
#66
4-Bromophenyl-phenylether
Concen: 4.210 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.29 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10312

Ion	Ratio	Lower	Upper
248	100		
250	195.2	76.8	115.2#
141	604.0	68.6	103.0#

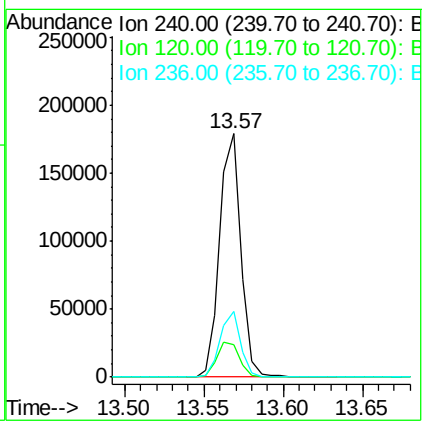


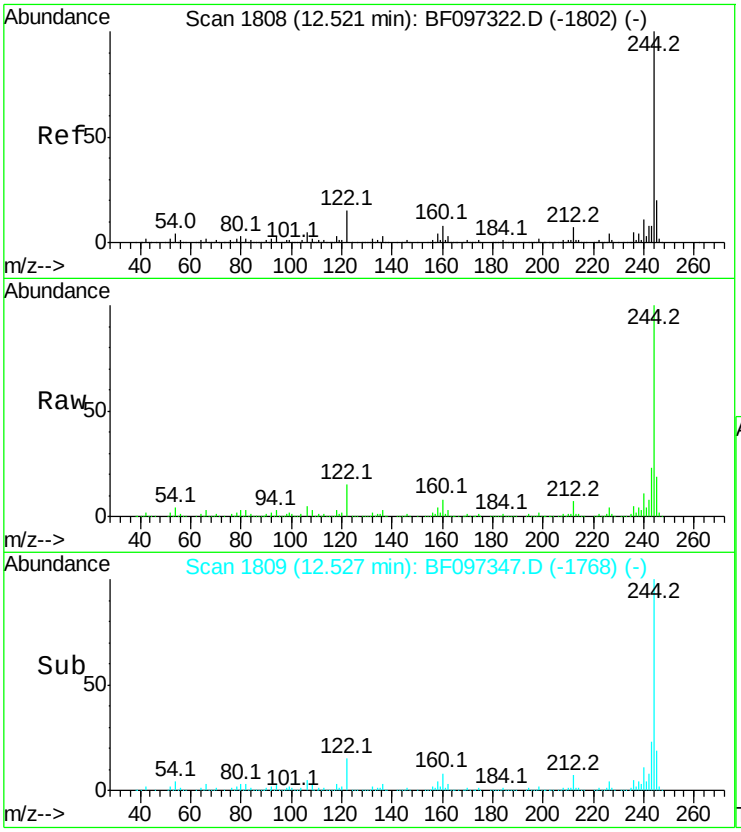


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.06 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion:240 Resp: 166439

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	26.8	20.5	30.7



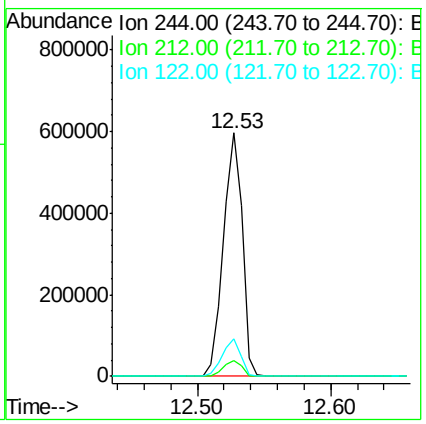


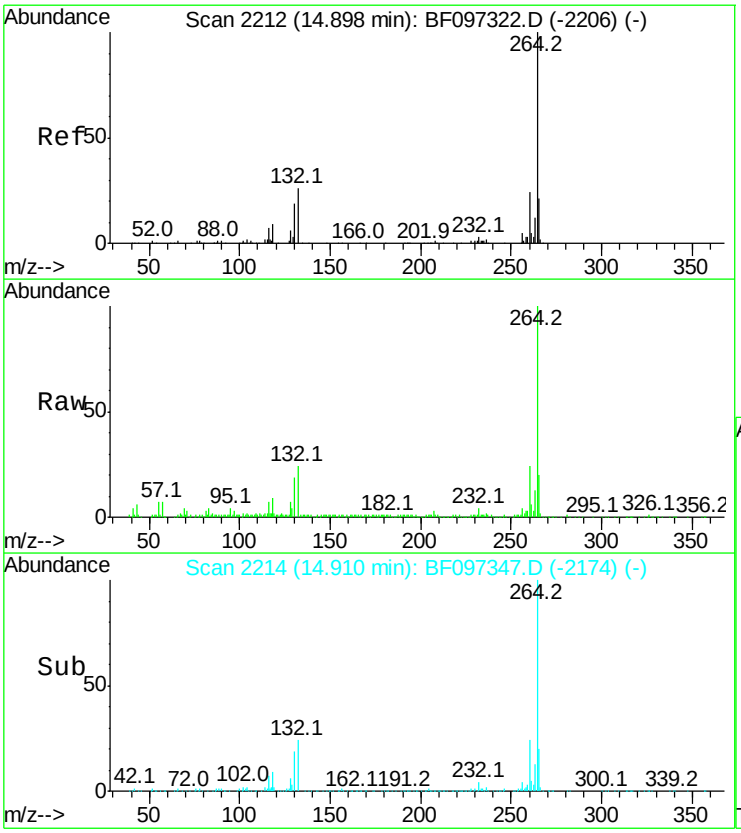
#78
Terphenyl-d14
Concen: 73.404 ng
RT: 12.53 min Scan# 1809
Delta R.T. -0.06 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 599220

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.3	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF097347.D
Acq: 4 Aug 2017 5:28

Tgt Ion:264 Resp: 138147

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.2	17.2	25.8