Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097360.D
Acq On : 4 Aug 2017 17:17
Operator : SJ/JU
Sample : I4535-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRC-MW-101D

Quant Time: Aug 04 22:58:02 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	6.44	152	116688	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	479584	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	213932	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	372778	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	311713	20.00	ng	-0.08
86) Perylene-d12	14.89	264	235262	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	503832	65.09	ng	-0.06
7) Phenol-d6	6.10	99	409042	46.29	ng	-0.06
23) Nitrobenzene-d5	7.01	82	708006	86.61	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	216024	127.80	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	1089663	86.44	ng	-0.07
78) Terphenyl-d14	12.52	244	950991	62.20	ng	-0.07
Target Compounds						Qvalue
2) 1,4-Dioxane	1.96	88	64217	19.88	ng	# 70
9) Benzaldehyde	6.21	77	15777	3.02	ng	# 80
19) n-Nitroso-di-n-propylamine	7.01	70	95959	16.50	ng	# 87
25) Isophorone	7.01	82	690502	43.13	ng	# 67
50) 2,6-Dinitrotoluene	9.46	165	26906	7.81	ng	# 34
56) 2,4-Dinitrotoluene	9.46	165	26906	6.79	ng	# 33
66) 4-Bromophenyl-phenylether	10.25	248	13479	3.62	ng	# 1

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

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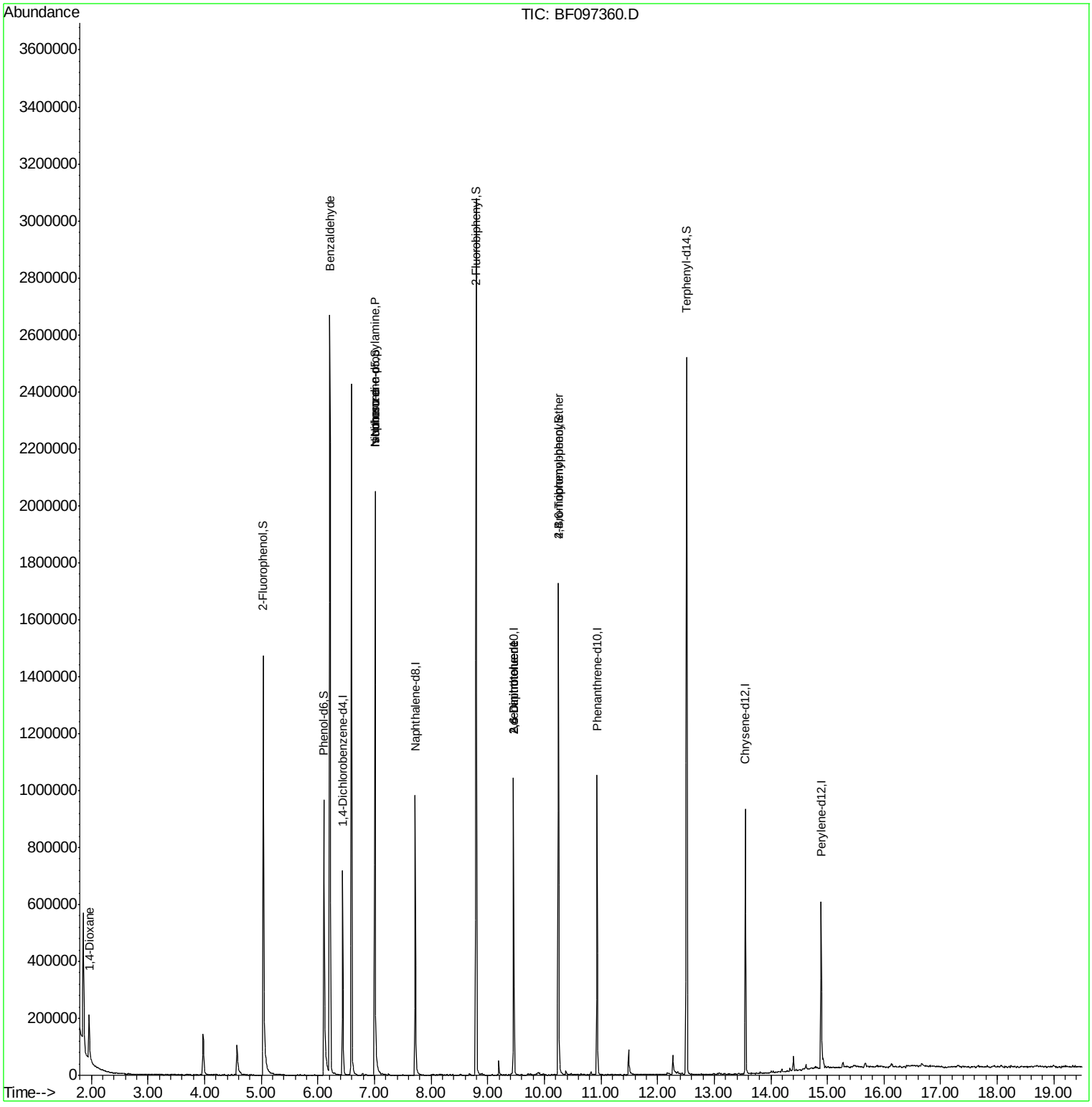
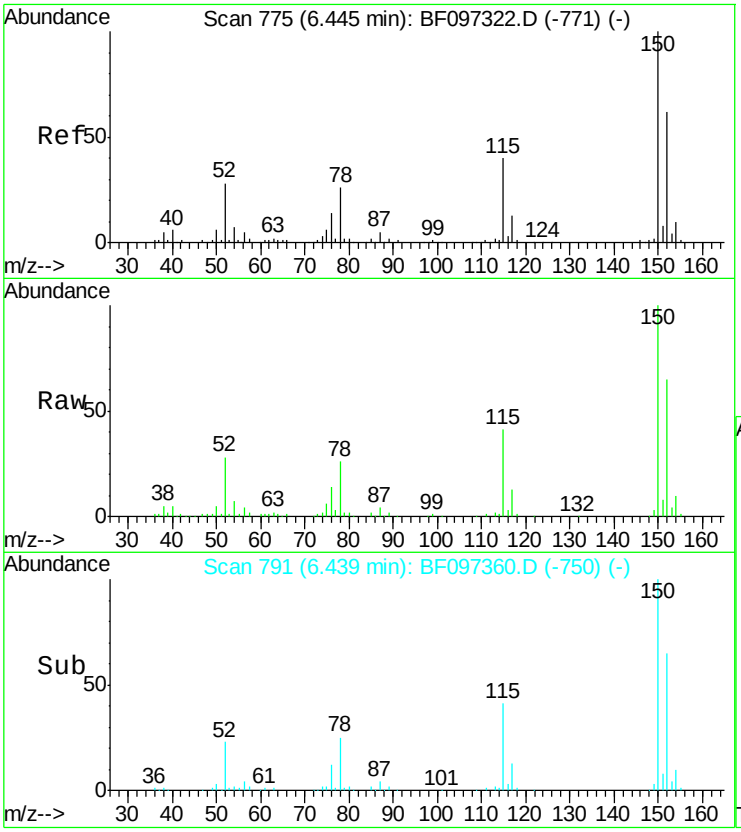


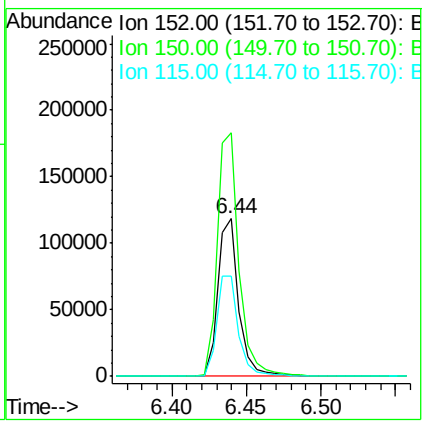


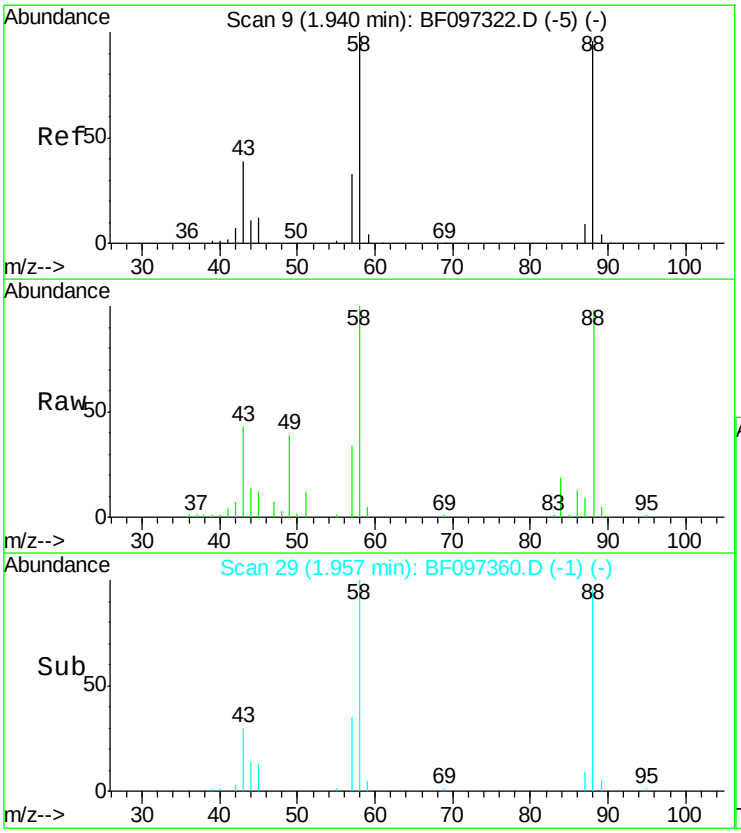
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion:152 Resp: 116688

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	63.8	52.2	78.2

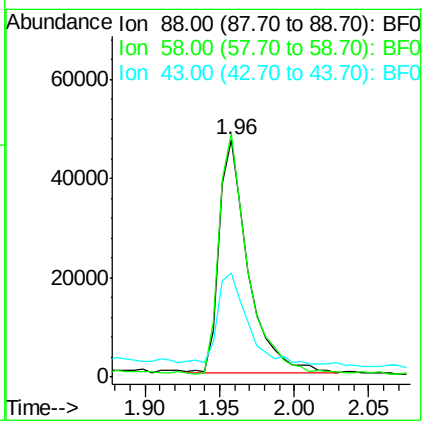


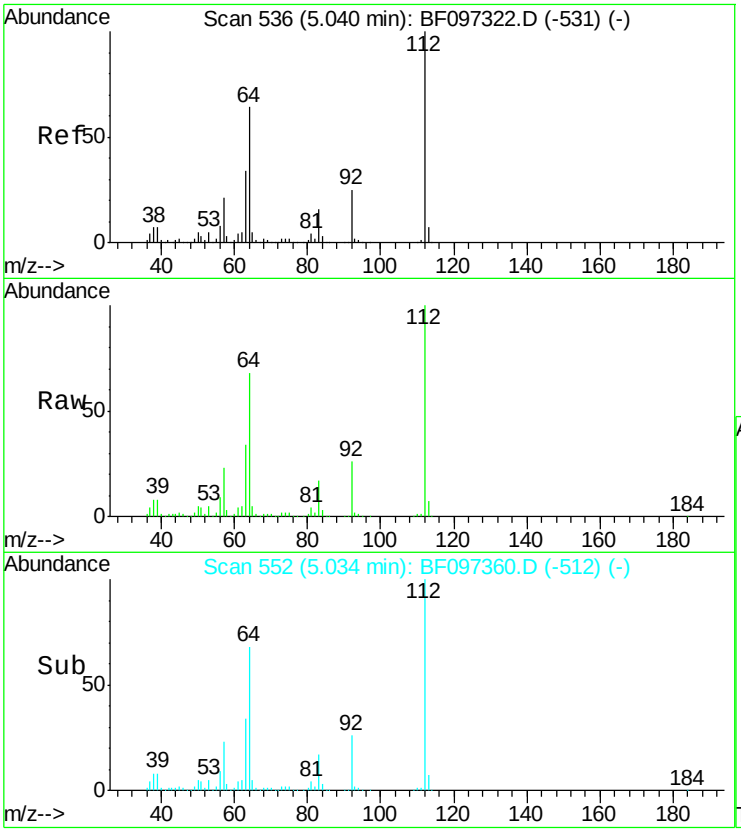


#2
1,4-Dioxane
Concen: 19.88 ng
RT: 1.96 min Scan# 29
Delta R.T. -0.09 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion: 88 Resp: 64217

Ion	Ratio	Lower	Upper
88	100		
58	102.6	61.4	92.0#
43	45.7	23.4	35.0#



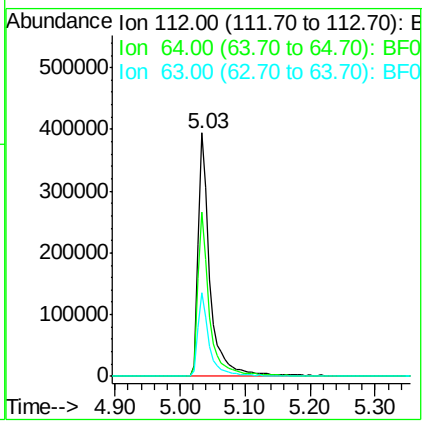


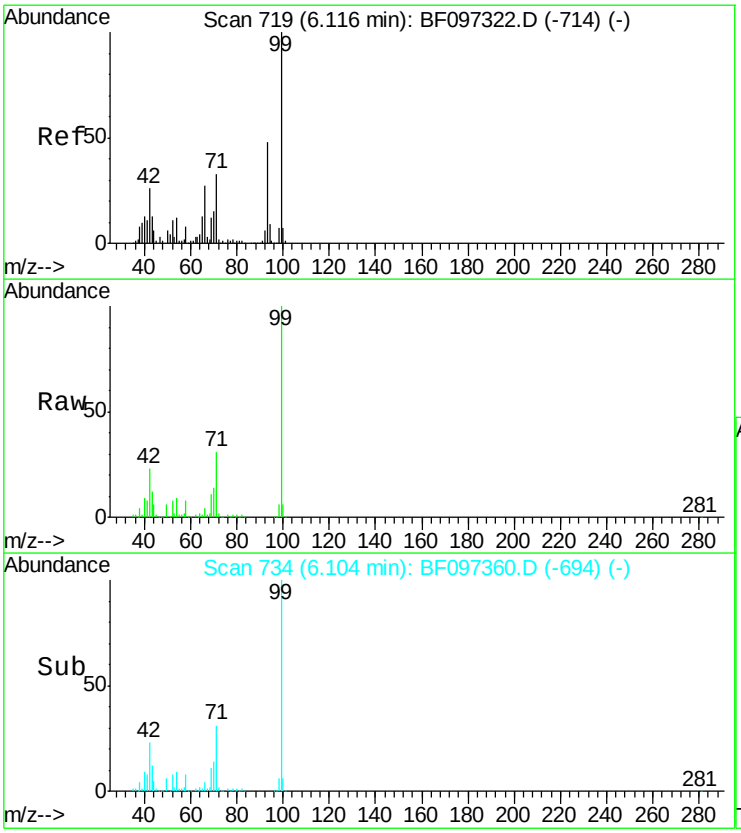
#5
2-Fluorophenol
Concen: 65.09 ng
RT: 5.03 min Scan# 552
Delta R.T. -0.06 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion:112 Resp: 503832

Ion	Ratio	Lower	Upper
112	100		
64	67.7	46.0	69.0
63	34.3	23.4	35.0

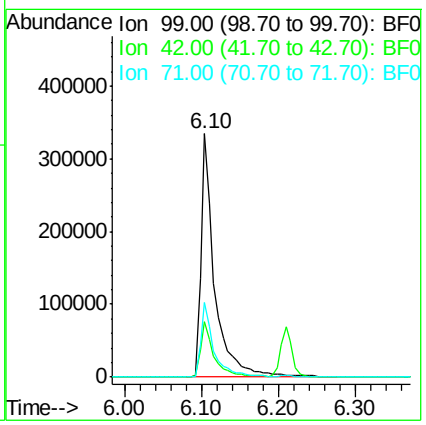


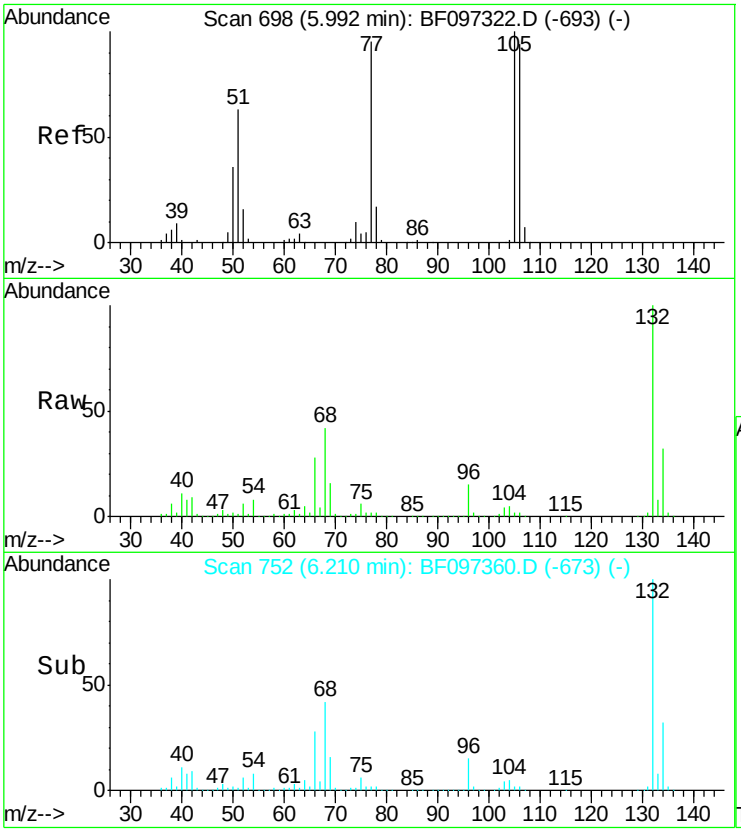


#7
Phenol-d6
Concen: 46.29 ng
RT: 6.10 min Scan# 734
Delta R.T. -0.06 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion: 99 Resp: 409042

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	30.6	24.5	36.7



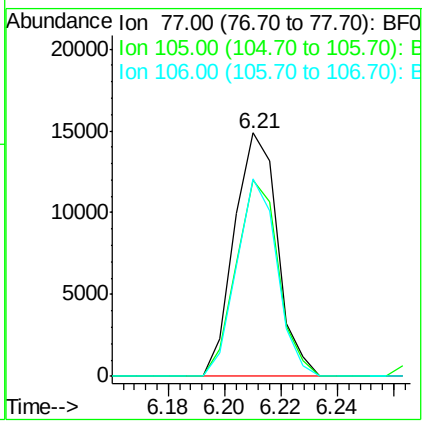


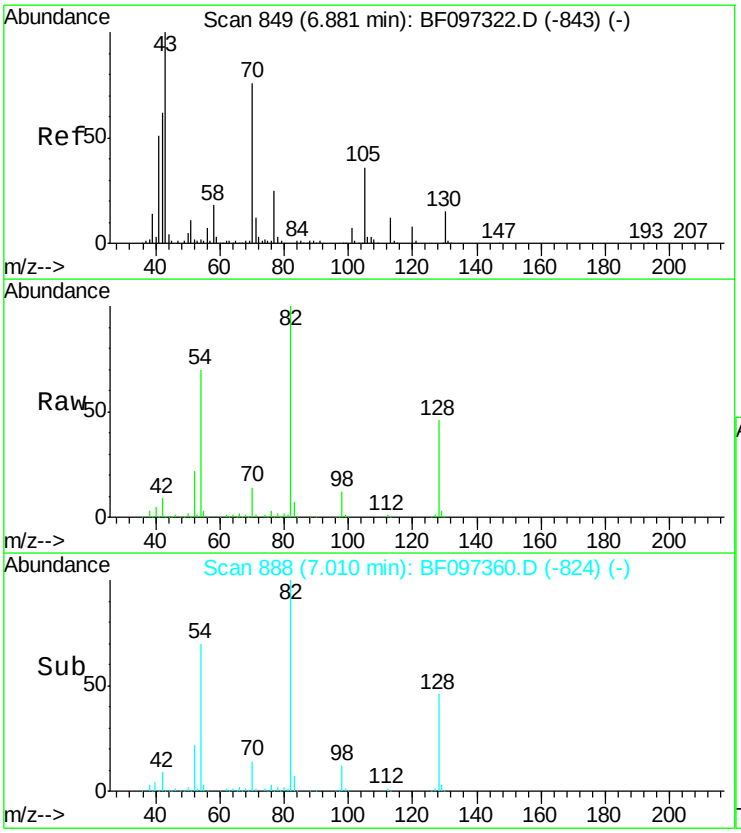
#9
Benzaldehyde
Concen: 3.02 ng
RT: 6.21 min Scan# 752
Delta R.T. 0.17 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion: 77 Resp: 15777

Ion	Ratio	Lower	Upper
77	100		
105	80.7	83.8	123.8#
106	81.0	79.1	119.1

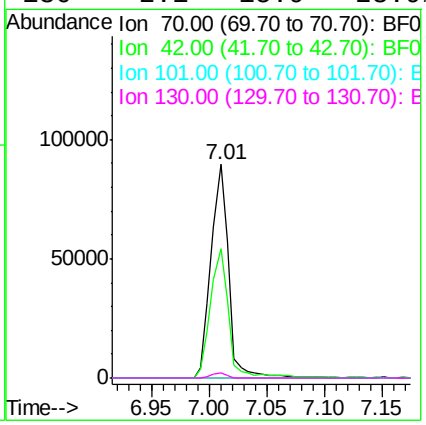


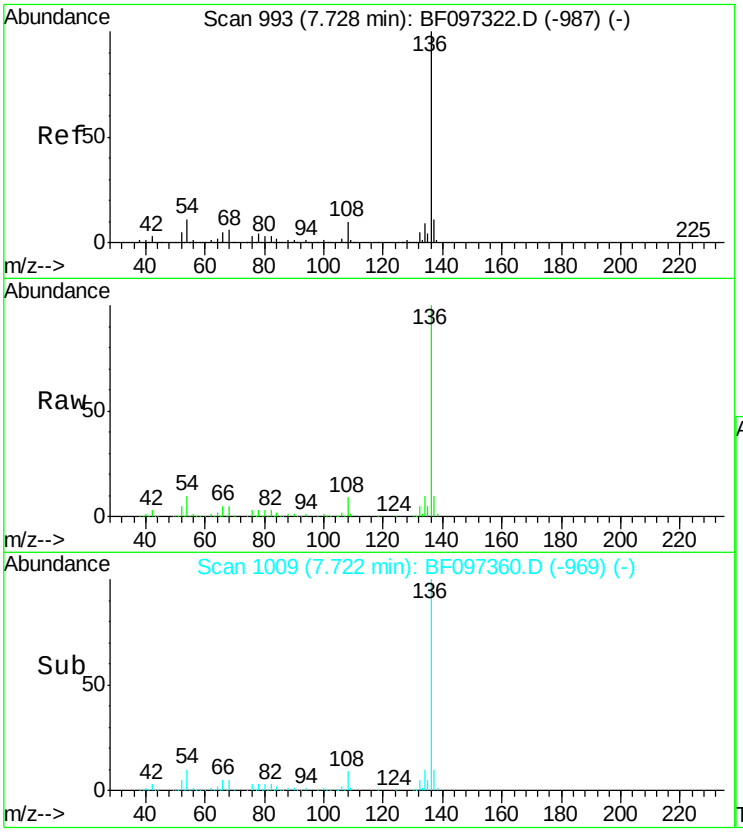


#19
n-Nitroso-di-n-propylamine
Concen: 16.50 ng
RT: 7.01 min Scan# 888
Delta R.T. 0.08 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion: 70 Resp: 95959

Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



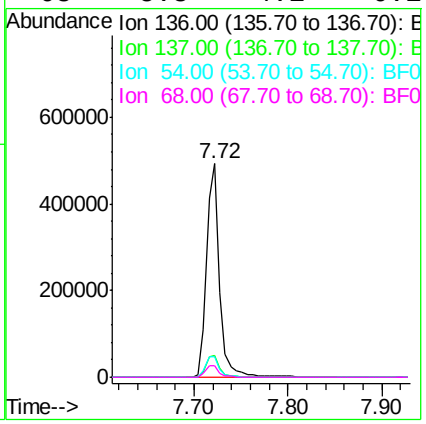


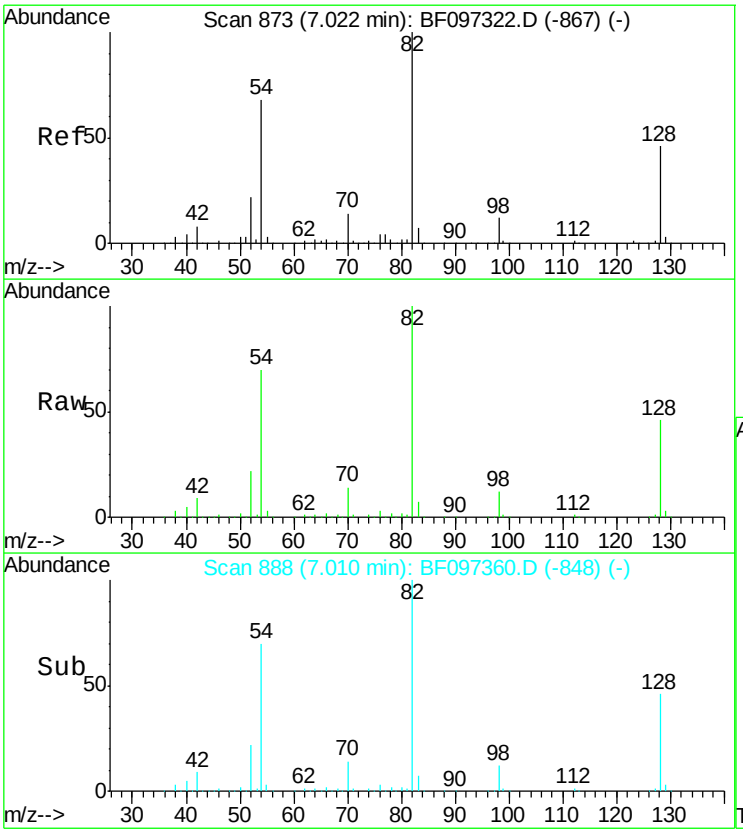
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion:136 Resp: 479584

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	9.8	4.9	7.3#
68	5.3	4.1	6.1

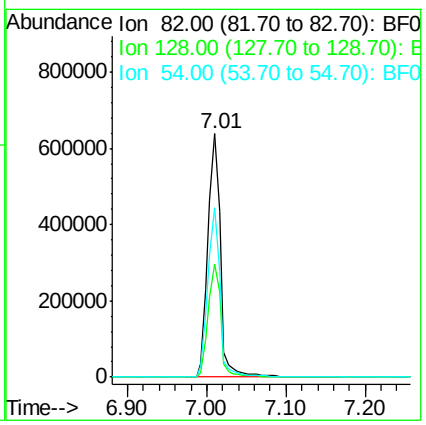


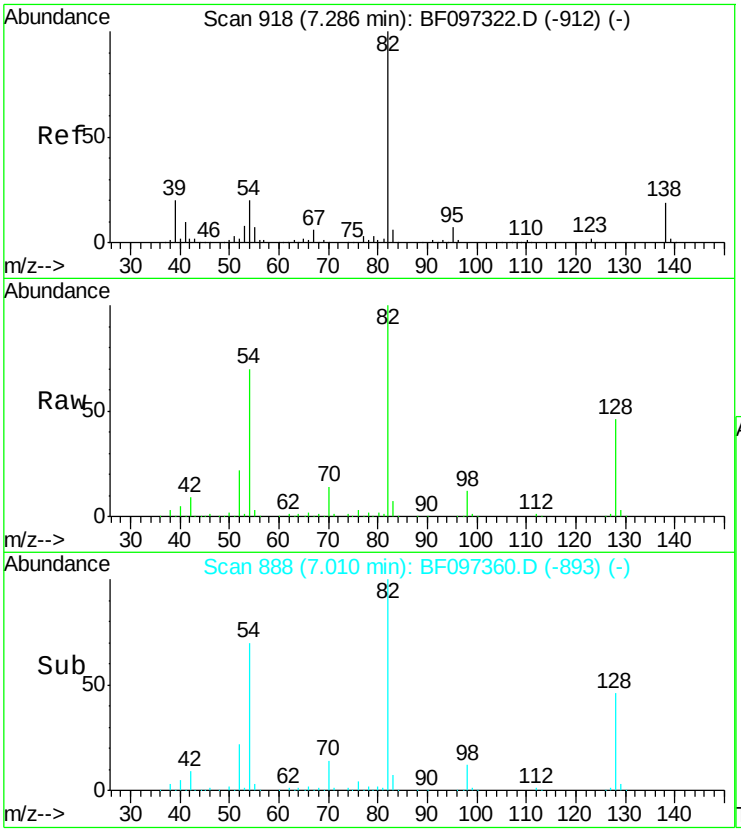


#23
Nitrobenzene-d5
Concen: 86.61 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion: 82 Resp: 708006

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	69.8	42.2	63.2#



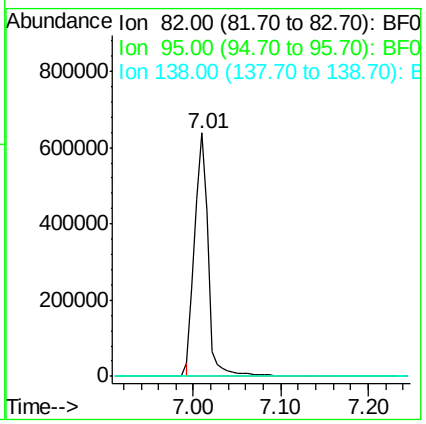


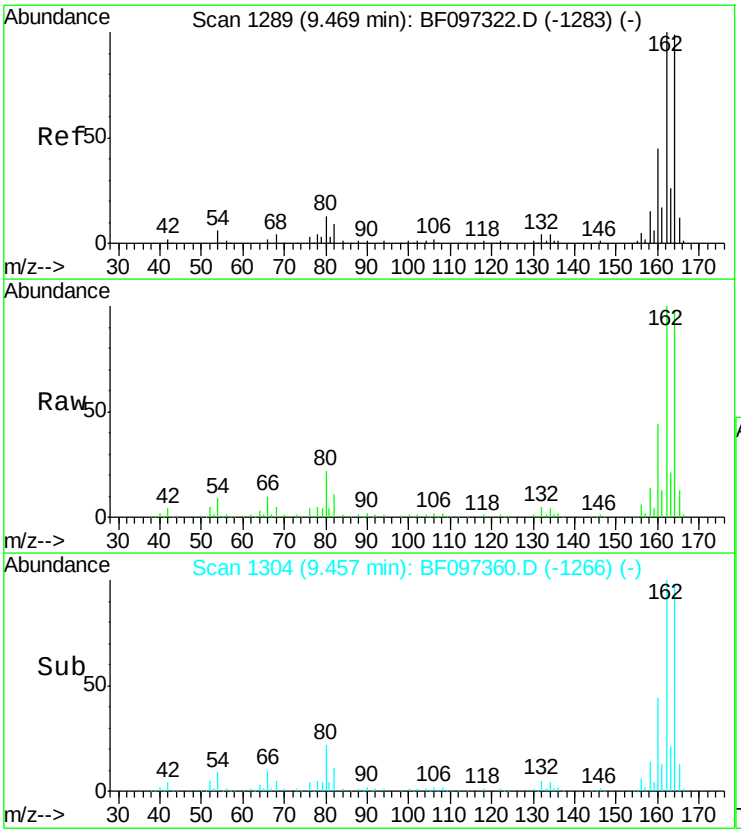
#25
Isophorone
Concen: 43.13 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.33 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion: 82 Resp: 690502

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

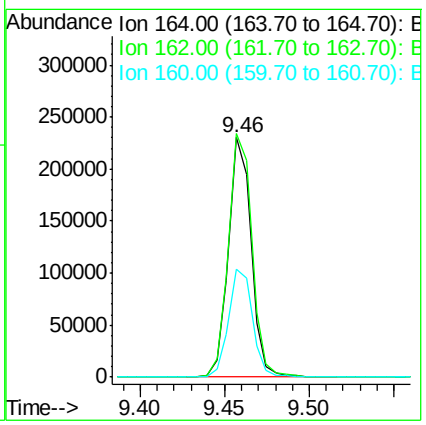


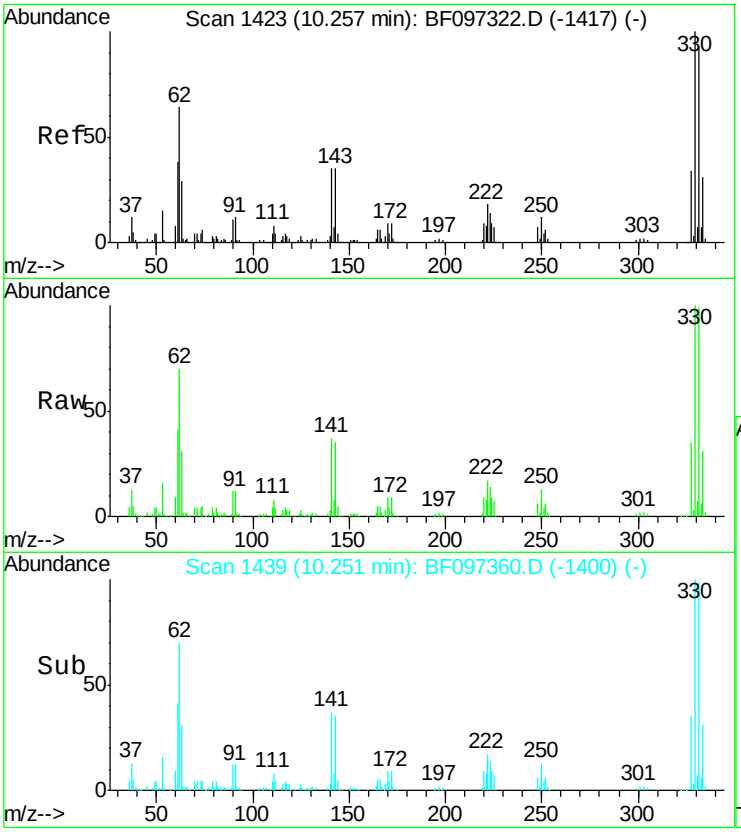


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1304
Delta R.T. -0.08 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion:164 Resp: 213932

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	44.8	36.2	54.2



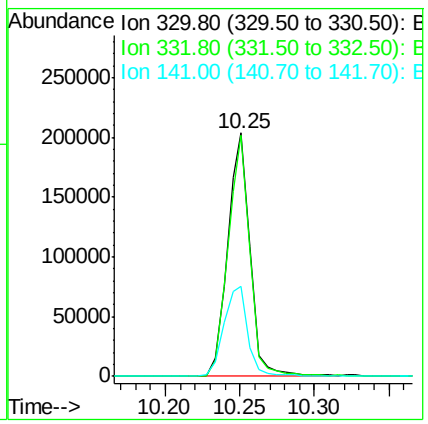


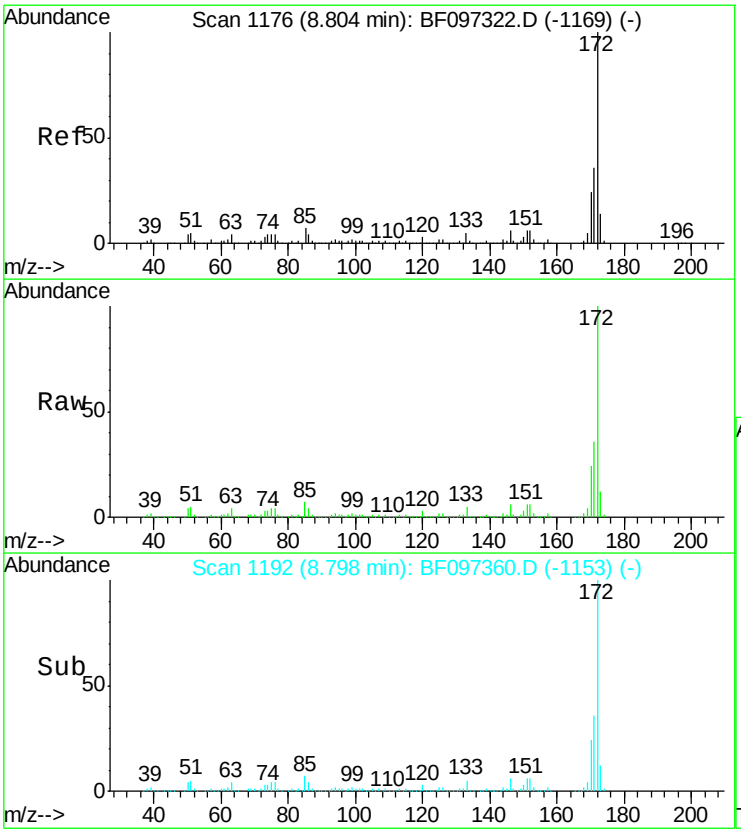
#41
2,4,6-Tribromophenol
Concen: 127.80 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion:330 Resp: 216024

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.9	31.4	47.2

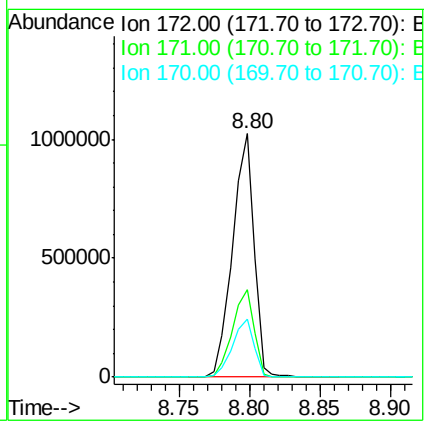


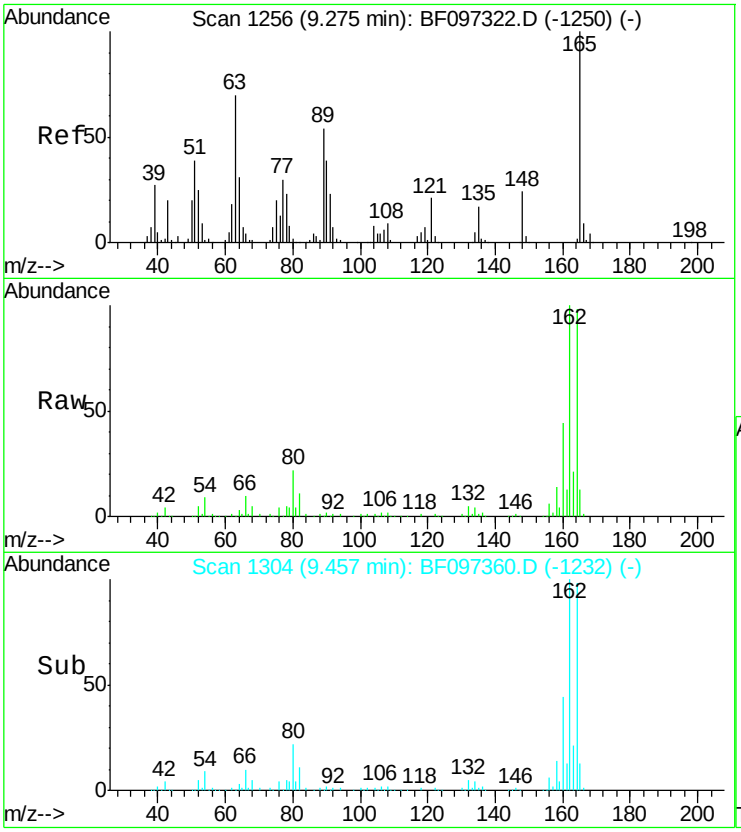


#44
2-Fluorobiphenyl
Concen: 86.44 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion:172 Resp: 1089663

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.0	19.8	29.8



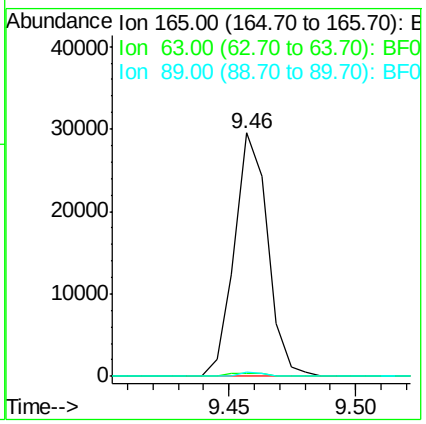


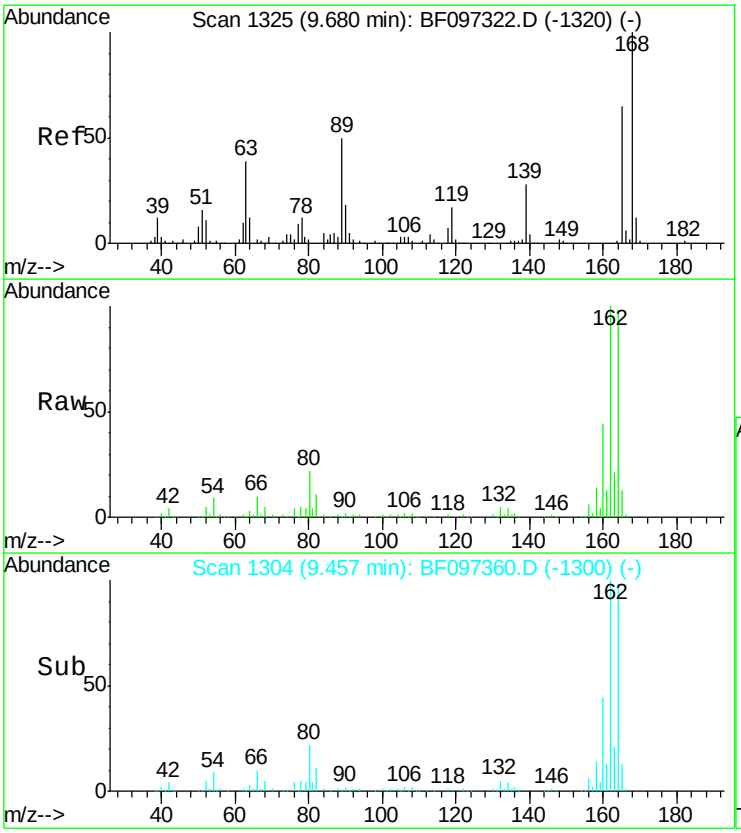
#50
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.46 min Scan# 1304
Delta R.T. 0.12 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion:165 Resp: 26906

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.7	37.1	55.7#

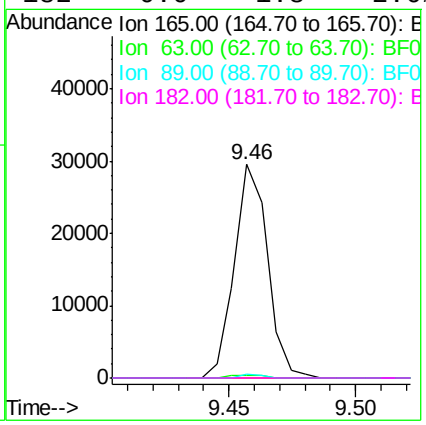


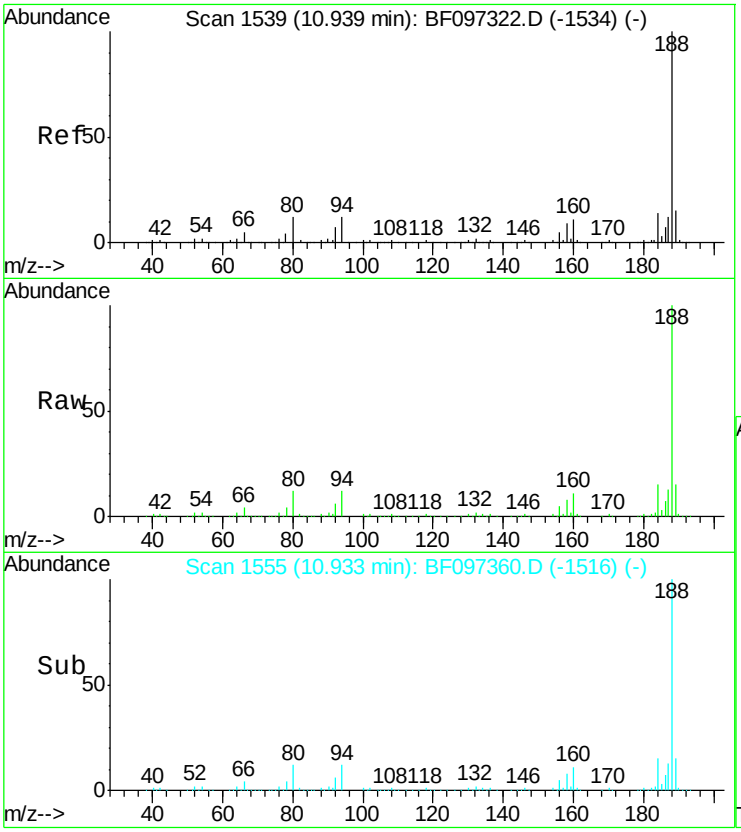


#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.46 min Scan# 1304
Delta R.T. -0.28 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion:165 Resp: 26906

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



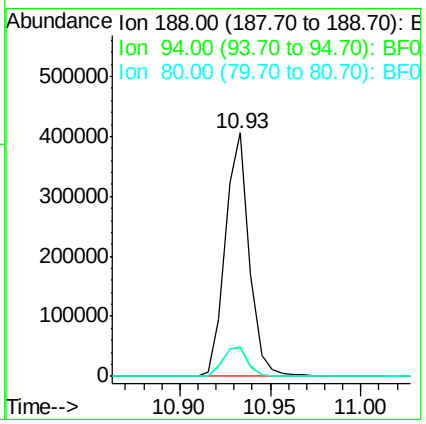


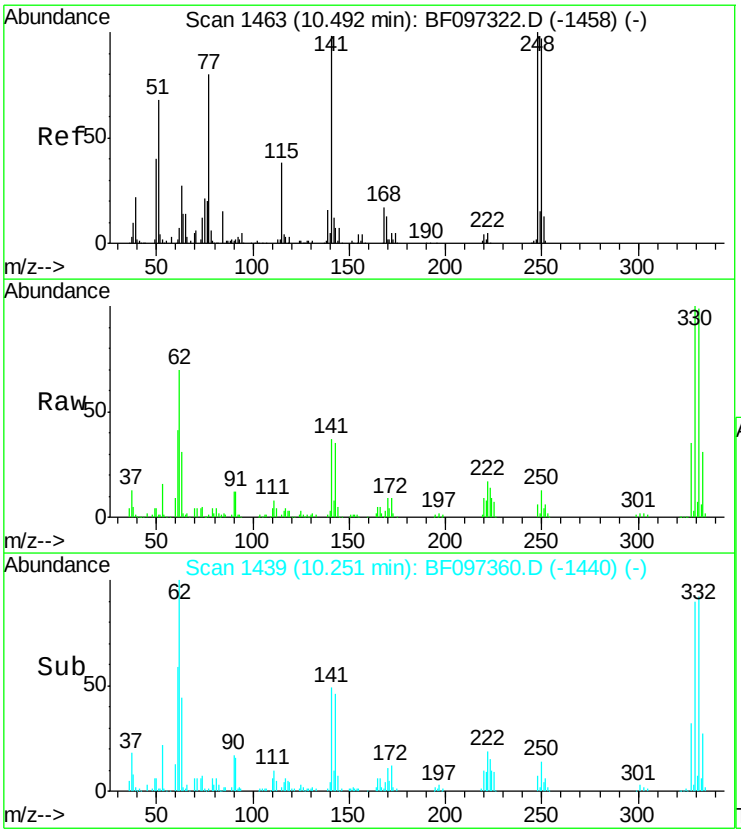
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion:188 Resp: 372778

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.1	10.2	15.2

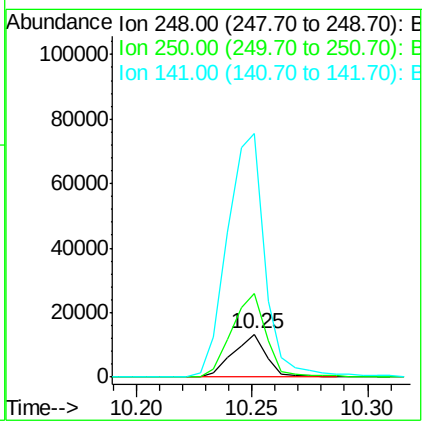


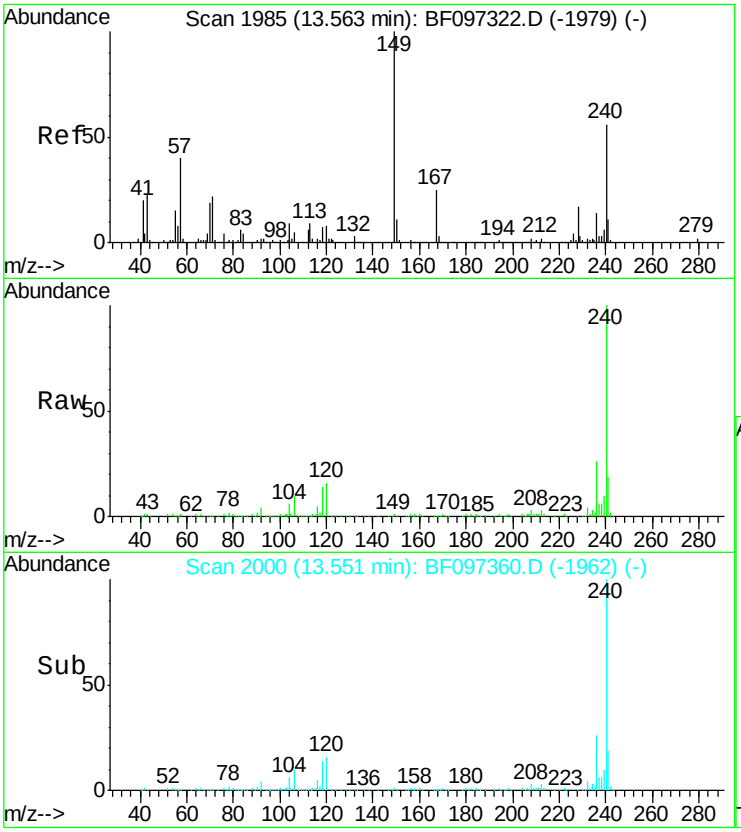


#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.31 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion:248 Resp: 13479

Ion	Ratio	Lower	Upper
248	100		
250	196.3	76.8	115.2#
141	571.1	68.6	103.0#



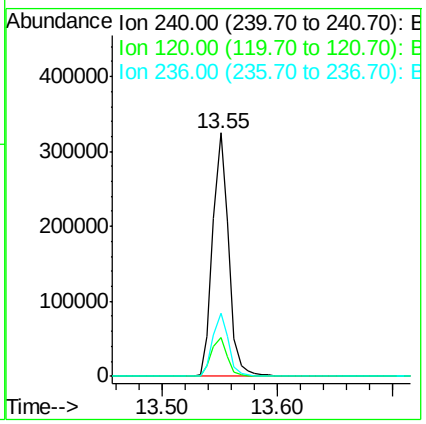


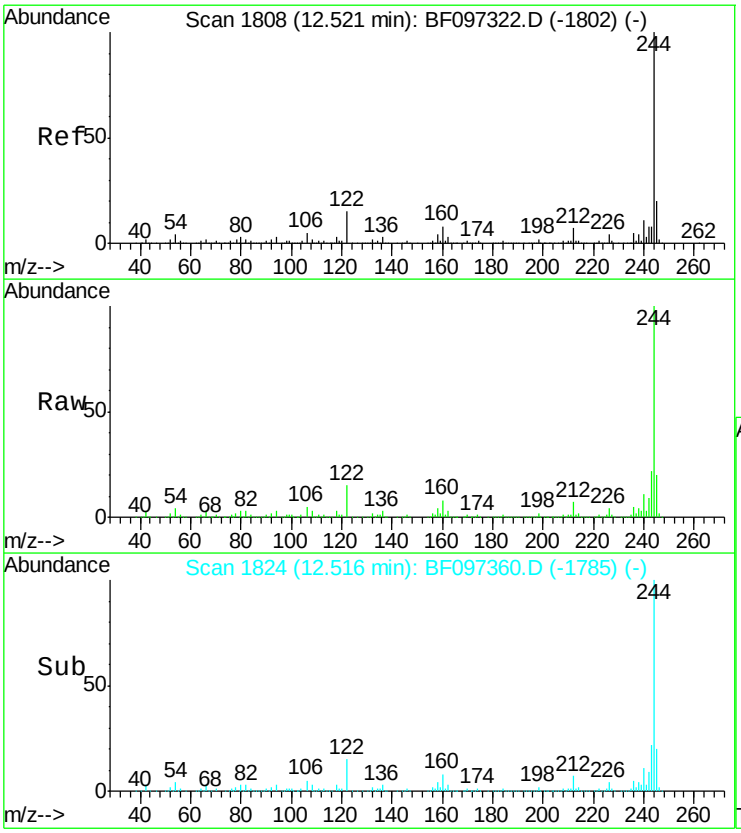
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.08 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion:240 Resp: 311713

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.7	20.5	30.7

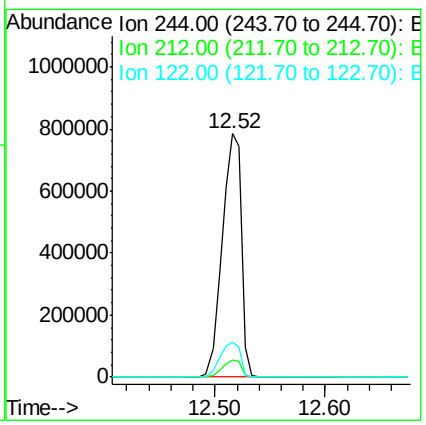


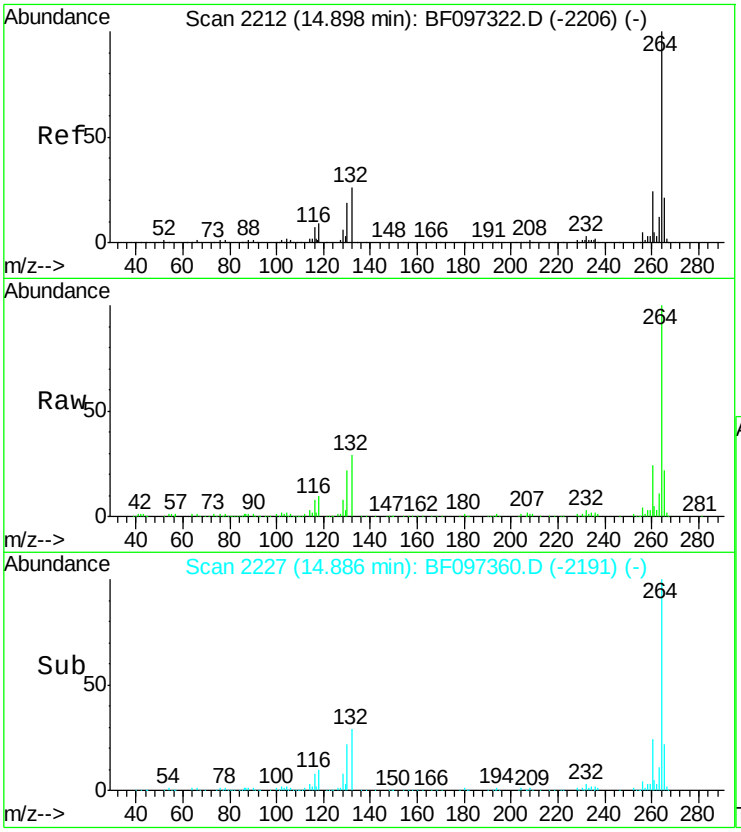


#78
Terphenyl-d14
Concen: 62.20 ng
RT: 12.52 min Scan# 1824
Delta R.T. -0.07 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion:244 Resp: 950991

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.5	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tgt Ion:264 Resp: 235262

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.2	25.8