Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097499.D
Acq On : 9 Aug 2017 5:34
Operator : SJ/JU
Sample : I4604-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-080217

Quant Time: Aug 09 06:00:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	78891	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	287211	20.00	ng		0.00
38) Acenaphthene-d10	9.43	164	115152	20.00	ng		0.00
63) Phenanthrene-d10	10.90	188	181630	20.00	ng		-0.01
75) Chrysene-d12	13.53	240	159574	20.00	ng		0.00
86) Perylene-d12	14.87	264	120441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	381791	72.95	ng		0.00
7) Phenol-d6	6.08	99	288754	48.33	ng		0.00
23) Nitrobenzene-d5	6.98	82	513993	104.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.22	330	119992	131.89	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	701985	103.46	ng		0.00
78) Terphenyl-d14	12.49	244	544771	69.60	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.18	77	12660	3.58	ng	#	76
15) Benzyl Alcohol	6.56	79	8302	2.19	ng	#	35
19) n-Nitroso-di-n-propylamine	6.98	70	69043	17.56	ng	#	87
25) Isophorone	6.98	82	513990	53.61	ng	#	67
49) Dimethylphthalate	9.17	163	37884	4.33	ng		97
50) 2,6-Dinitrotoluene	9.43	165	14126	7.62	ng	#	31
56) 2,4-Dinitrotoluene	9.43	165	14126	6.63	ng	#	31
66) 4-Bromophenyl-phenylether	10.22	248	7213	3.98	ng	#	1

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

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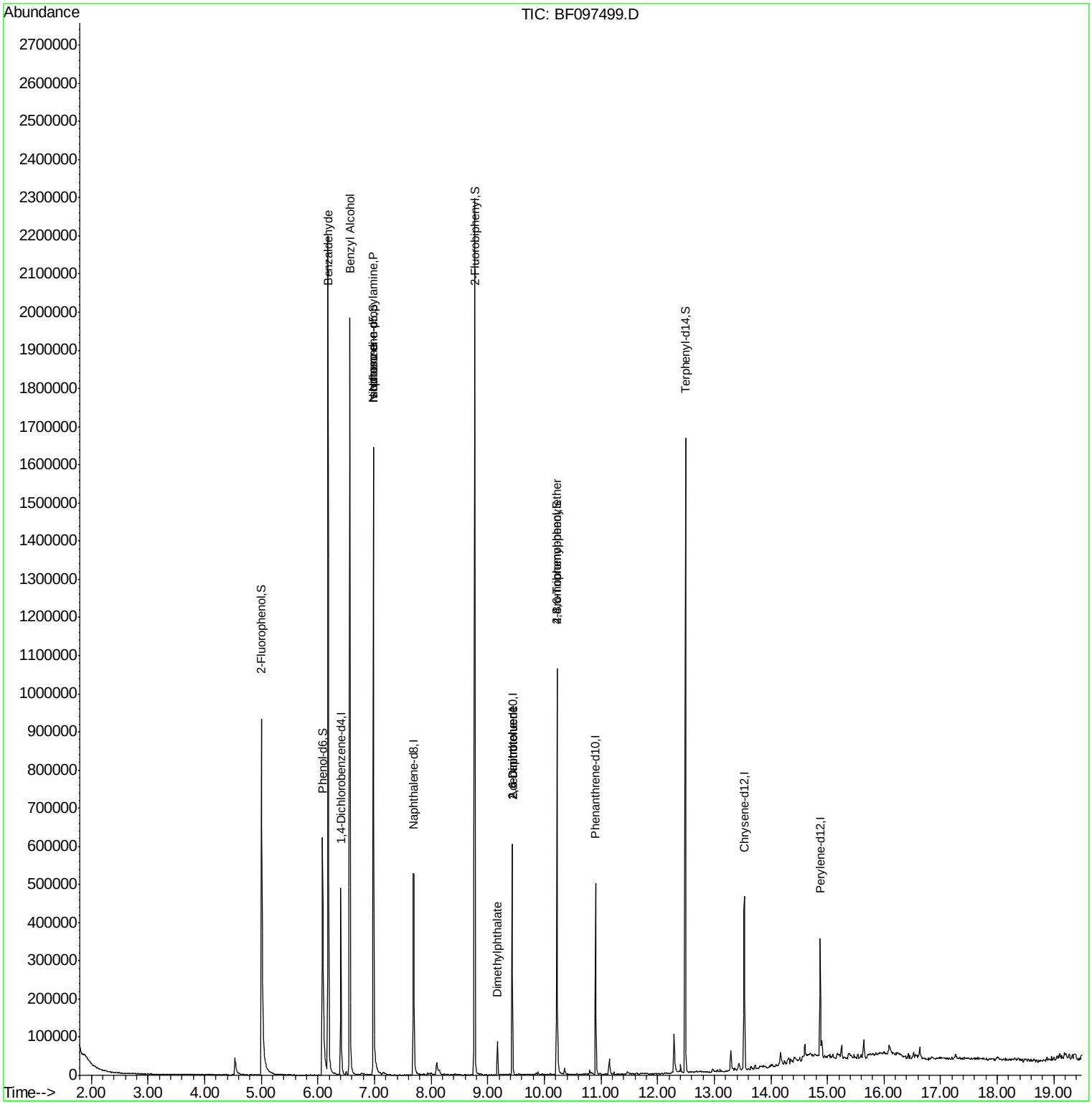
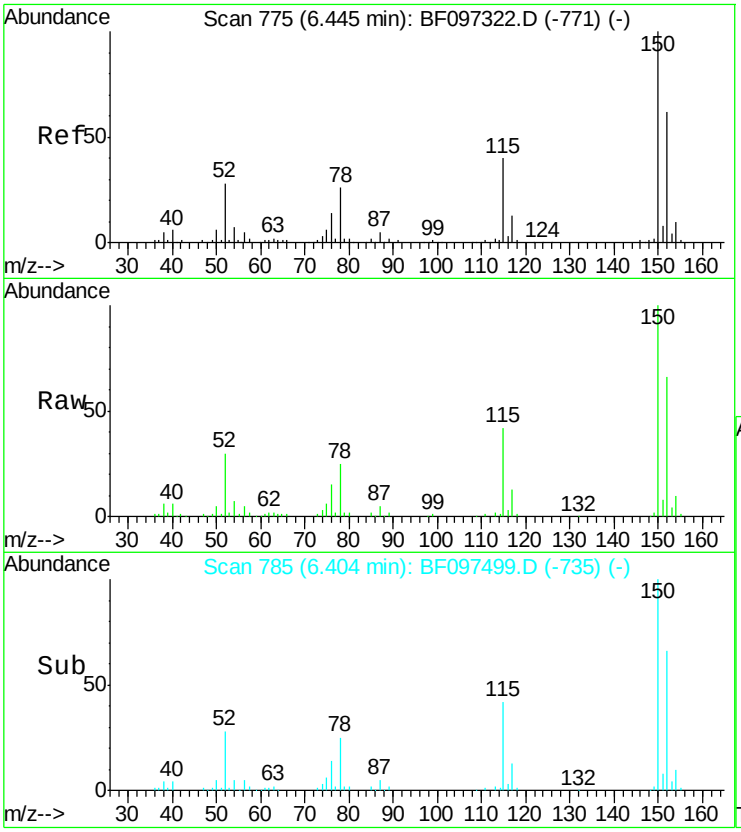


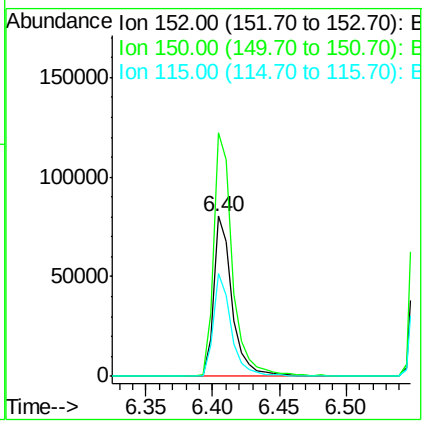


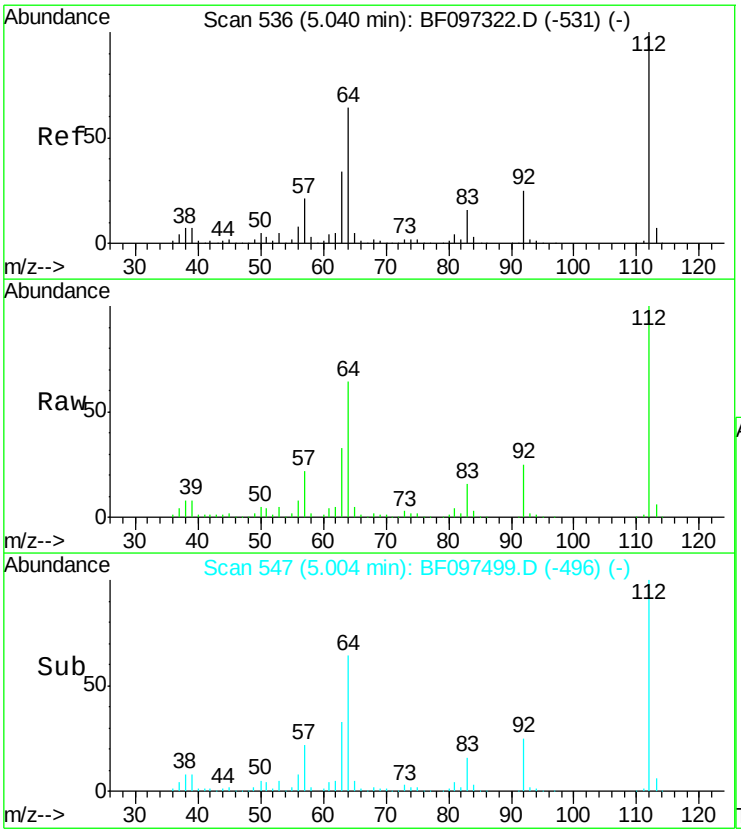
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion:152 Resp: 78891

Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.2	189.2
115	63.8	52.2	78.2

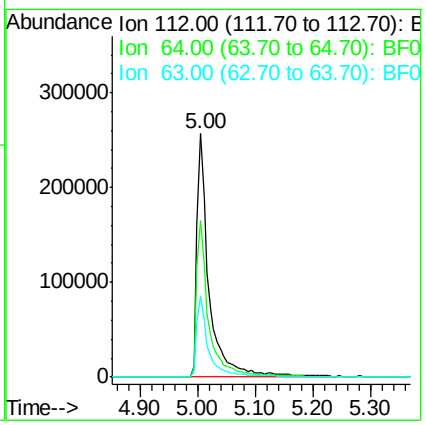


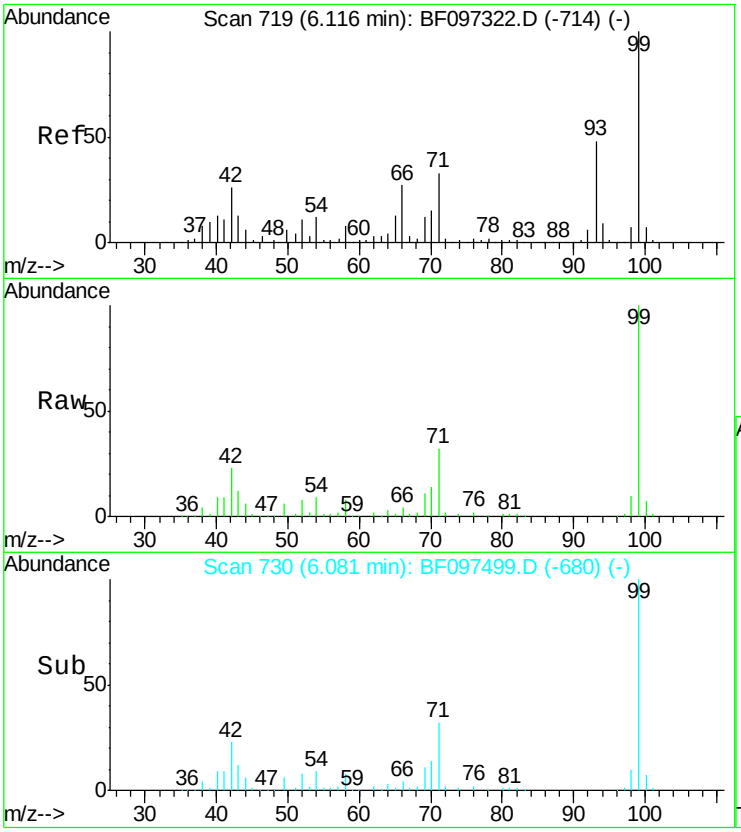


#5
2-Fluorophenol
Concen: 72.95 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:112 Resp: 381791

Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.0	69.0
63	33.3	23.4	35.0



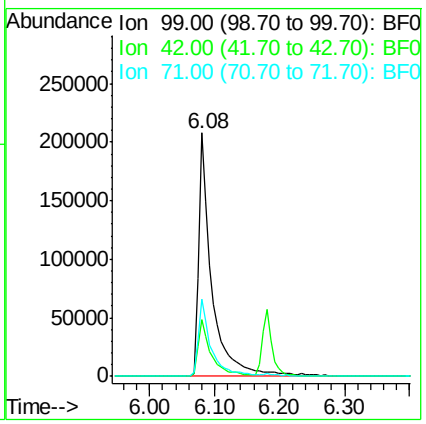


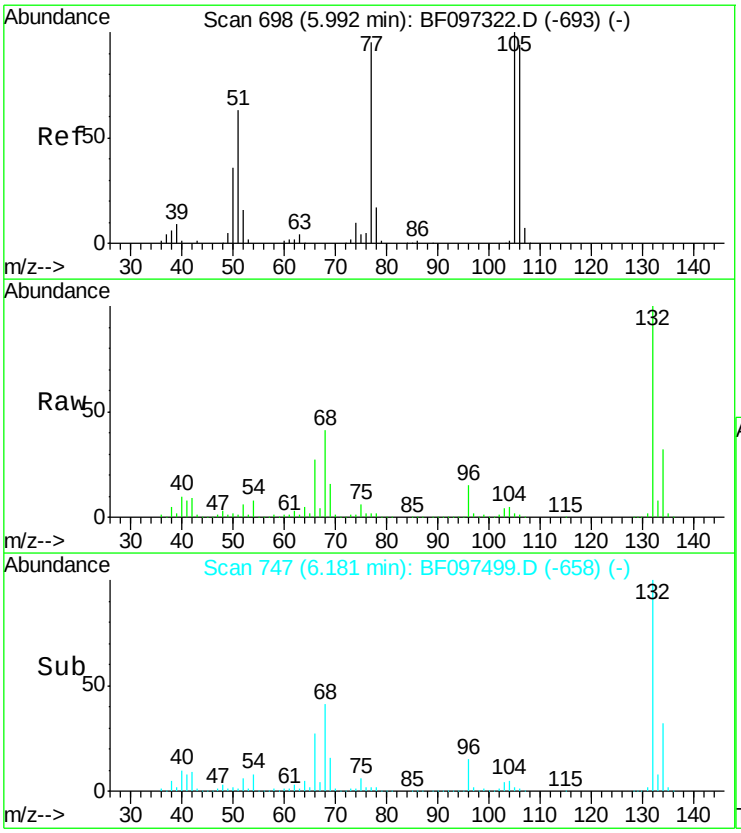
#7
Phenol-d6
Concen: 48.33 ng
RT: 6.08 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion: 99 Resp: 288754

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	31.9	24.5	36.7

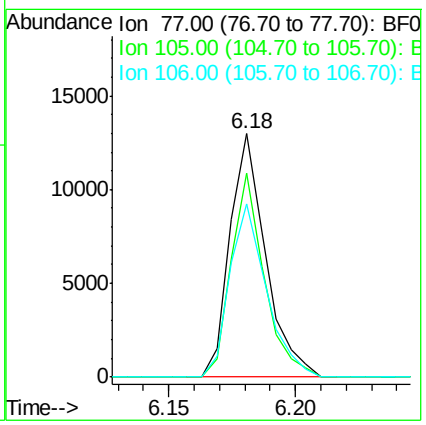


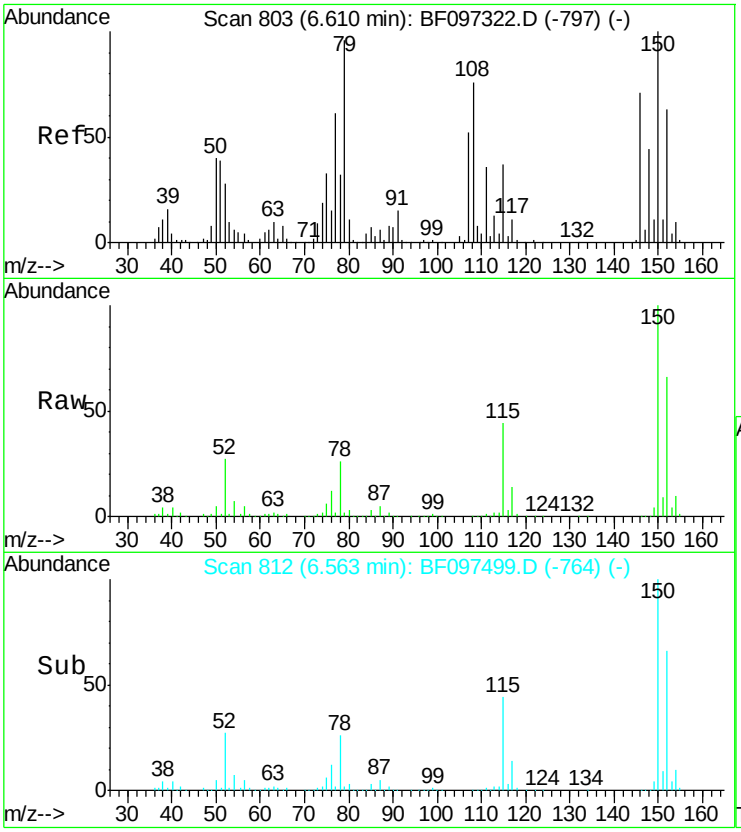


#9
Benzaldehyde
Concen: 3.58 ng
RT: 6.18 min Scan# 747
Delta R.T. 0.22 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion: 77 Resp: 12660

Ion	Ratio	Lower	Upper
77	100		
105	83.9	83.8	123.8
106	71.0	79.1	119.1#



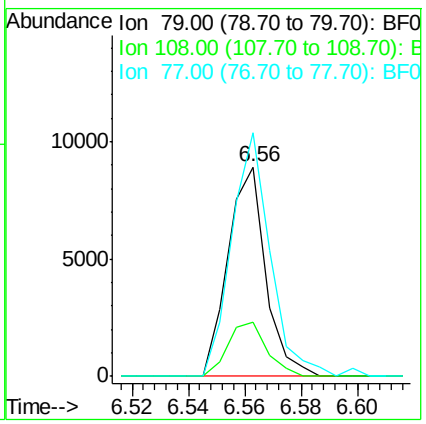


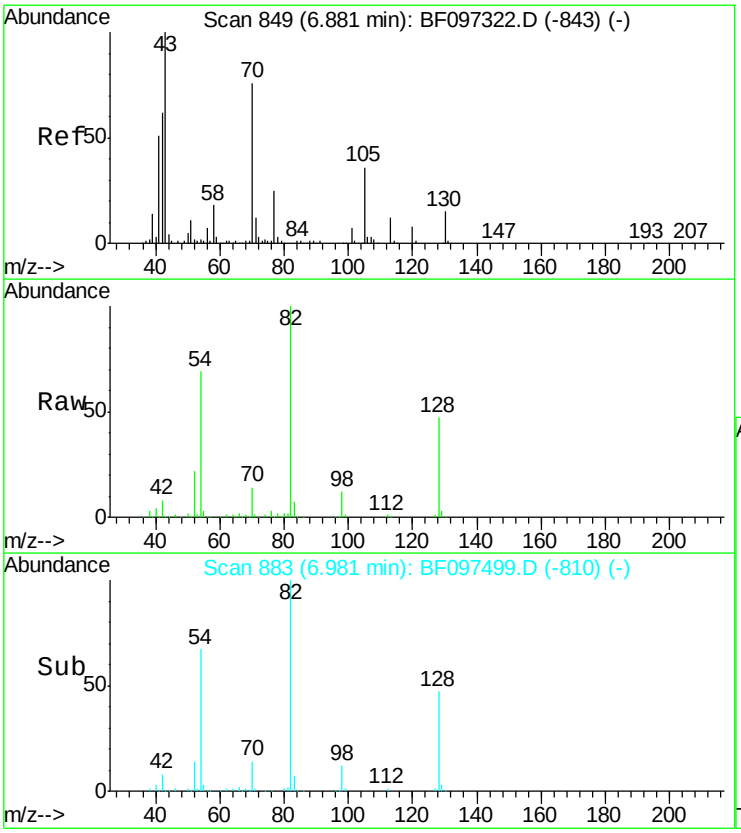
#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 6.56 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion: 79 Resp: 8302

Ion	Ratio	Lower	Upper
79	100		
108	26.0	63.4	95.0#
77	116.1	49.2	73.8#

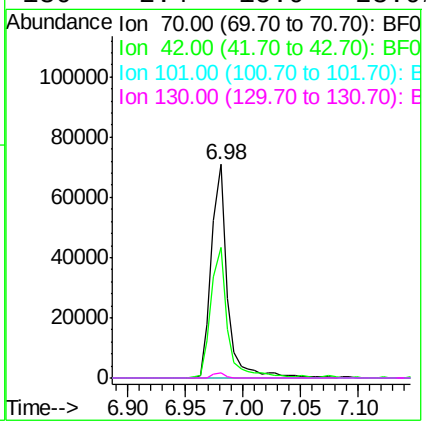


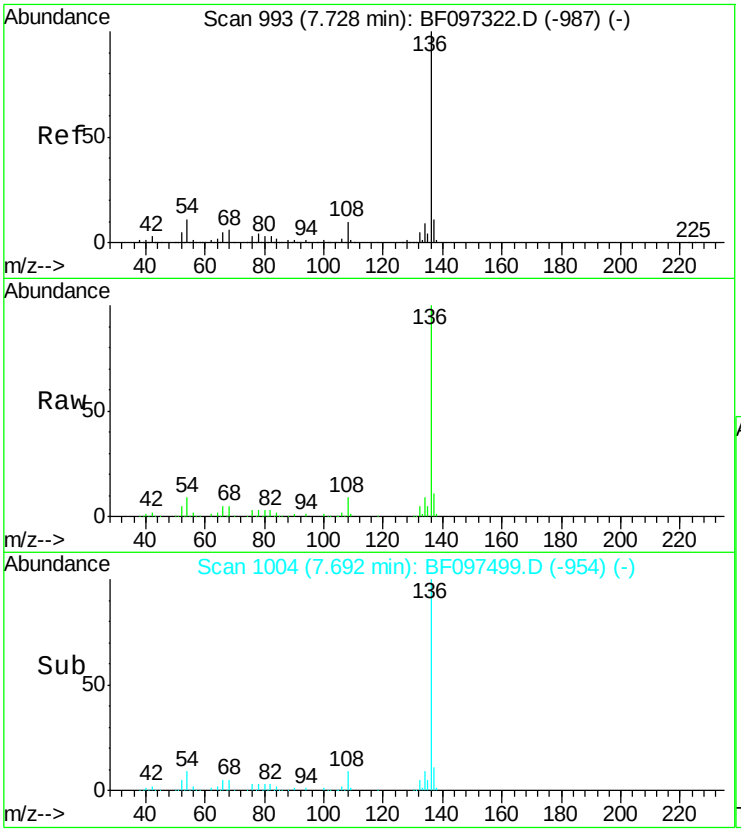


#19
n-Nitroso-di-n-propylamine
Concen: 17.56 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion: 70 Resp: 69043

Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



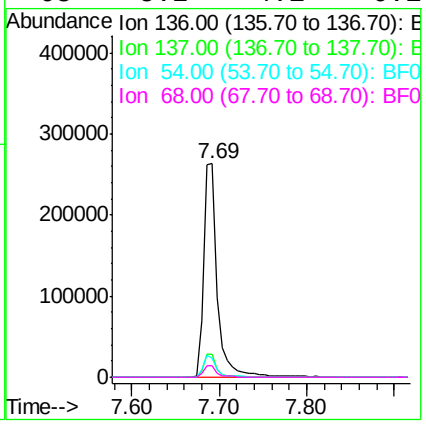


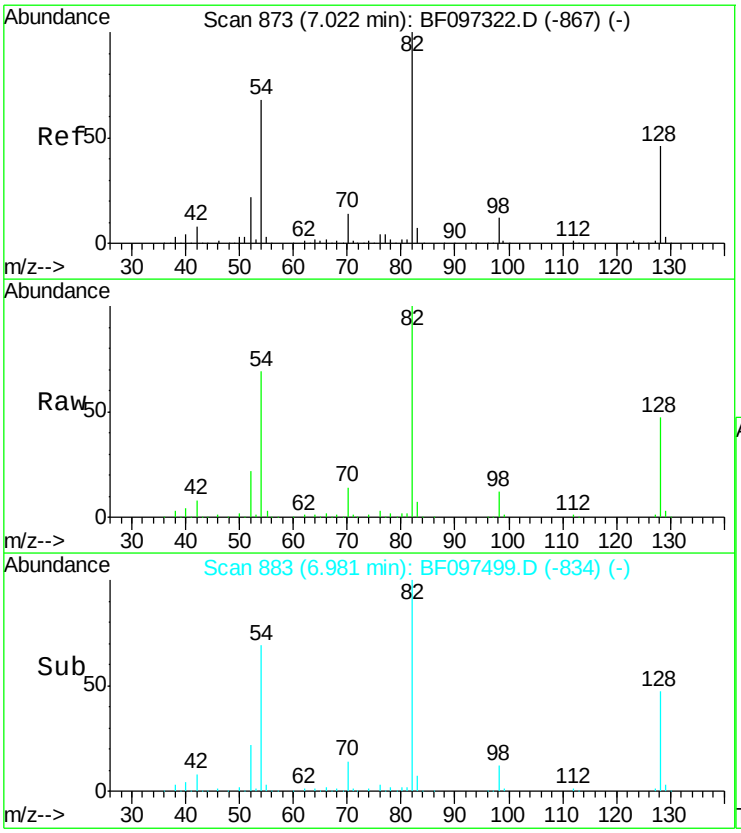
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion:136 Resp: 287211

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.2	4.9	7.3#
68	5.2	4.1	6.1

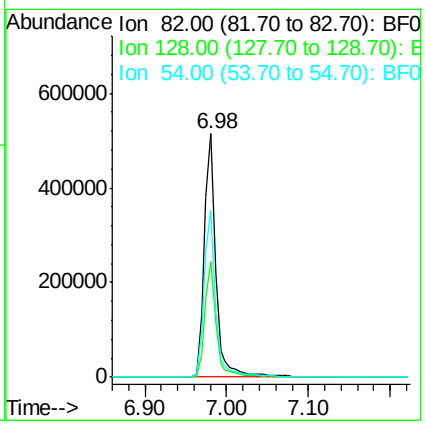


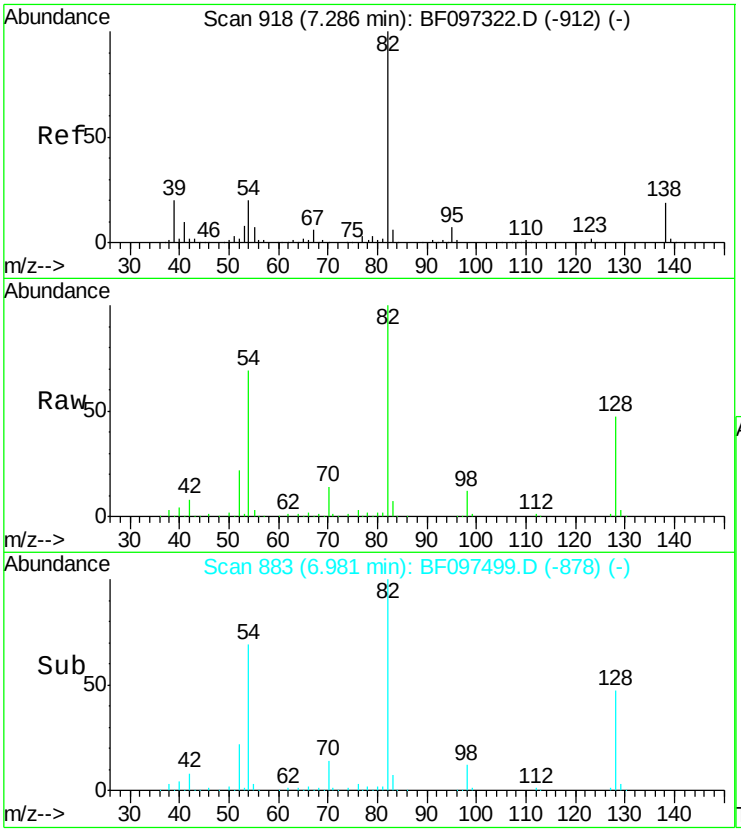


#23
Nitrobenzene-d5
Concen: 104.99 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion: 82 Resp: 513993

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	68.6	42.2	63.2#



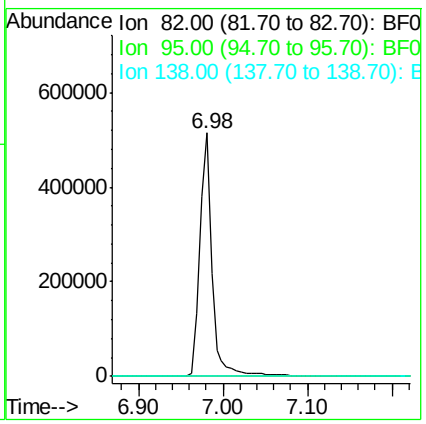


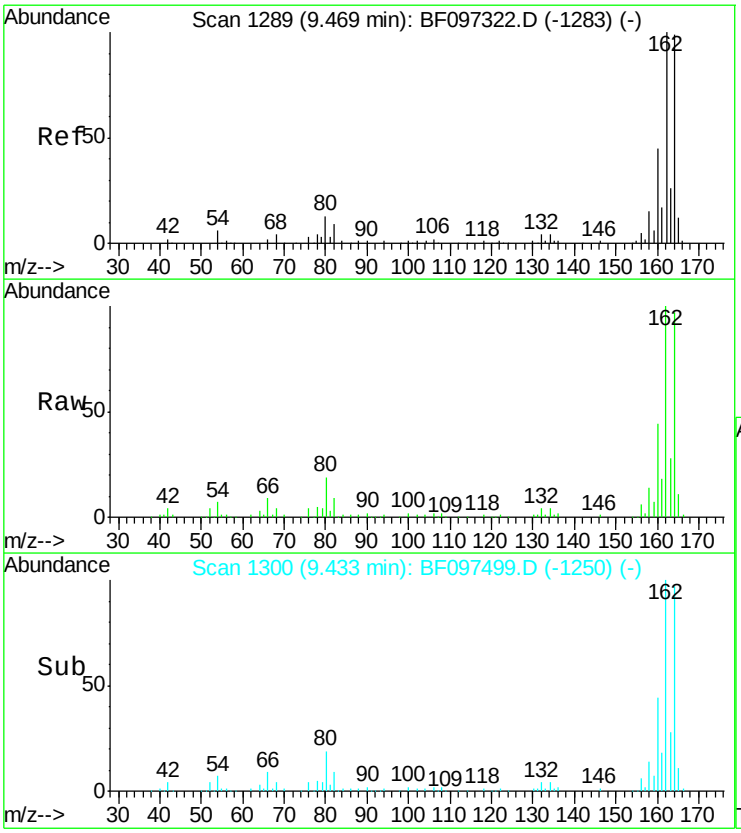
#25
Isophorone
Concen: 53.61 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion: 82 Resp: 513990

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

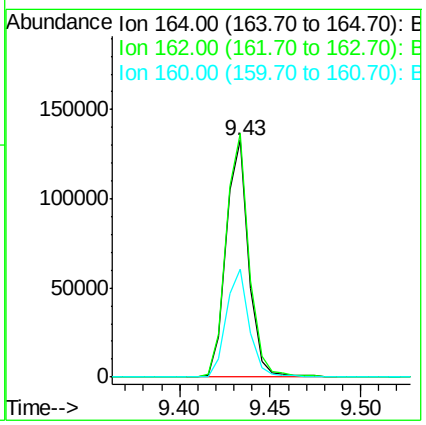


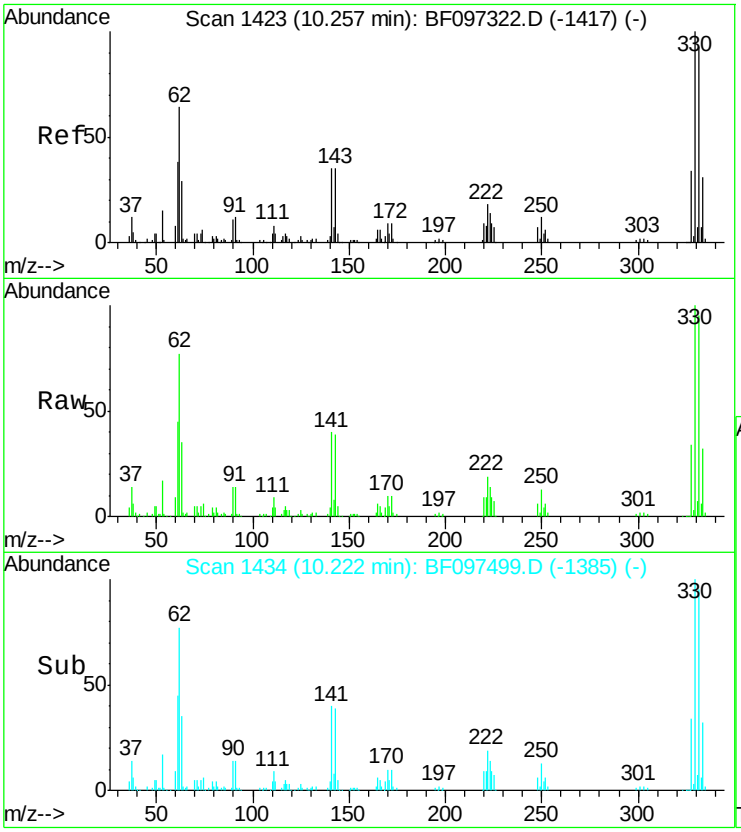


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:164 Resp: 115152

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.4	36.2	54.2



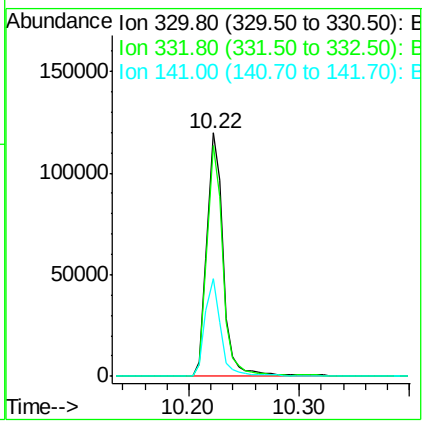


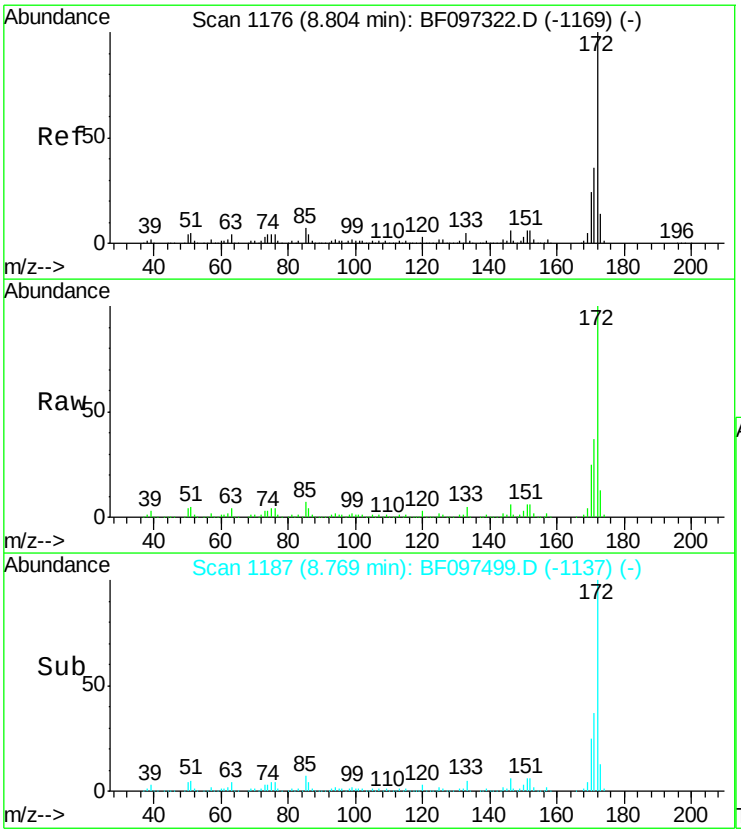
#41
2,4,6-Tribromophenol
Concen: 131.89 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion:330 Resp: 119992

Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.6	115.0
141	38.4	31.4	47.2

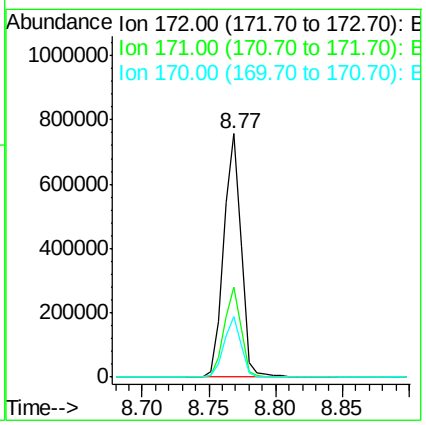


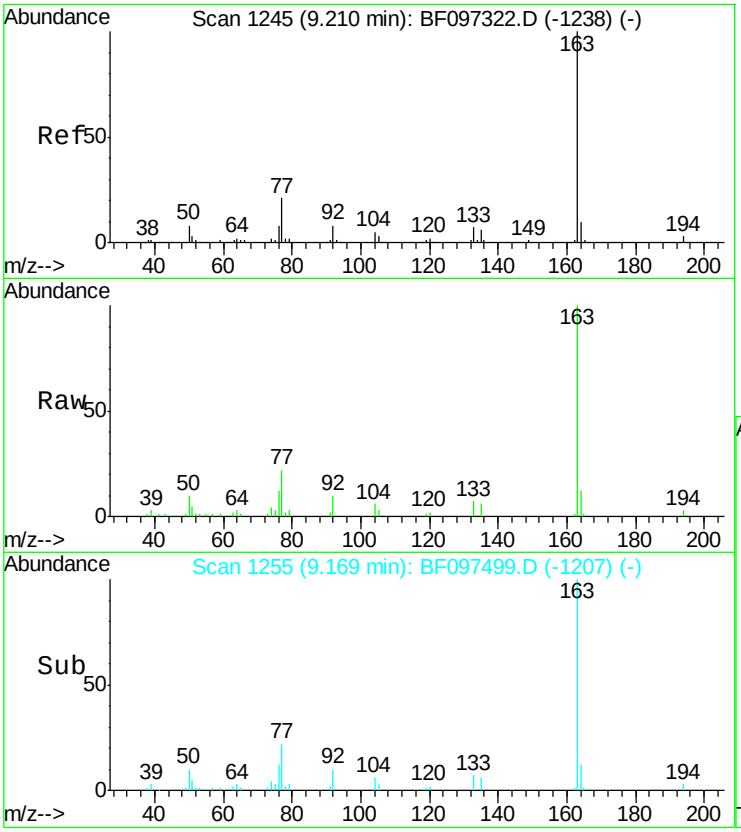


#44
2-Fluorobiphenyl
Concen: 103.46 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:172 Resp: 701985

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	25.1	19.8	29.8



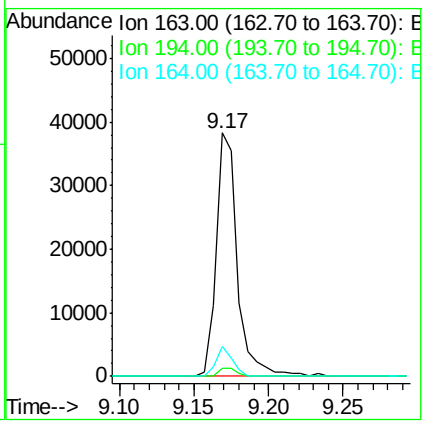


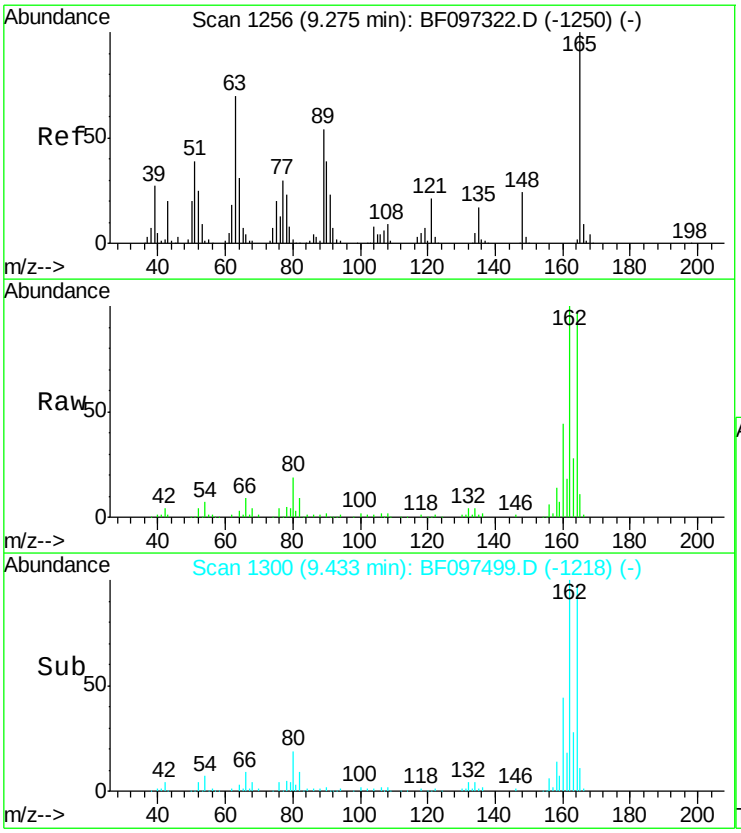
#49
Dimethylphthalate
Concen: 4.33 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion:163 Resp: 37884

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	12.1	8.4	12.6

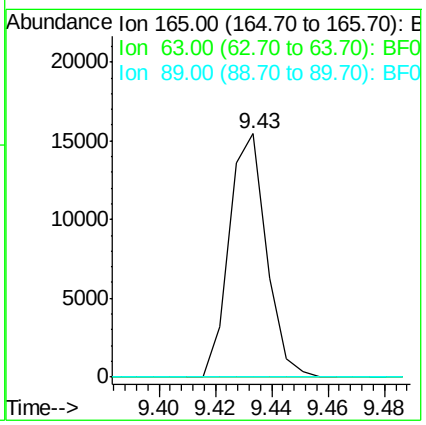


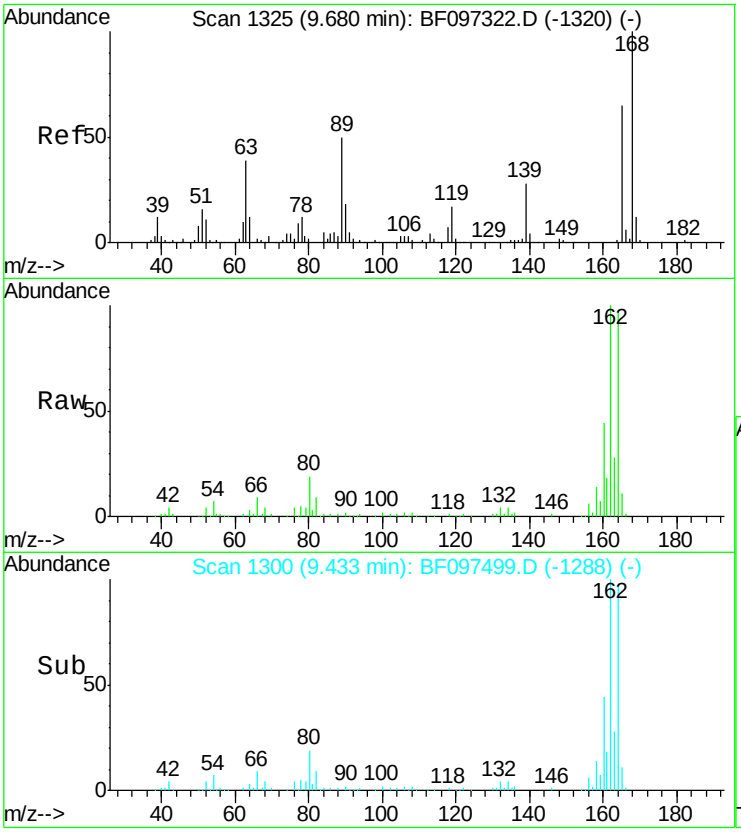


#50
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.18 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:165 Resp: 14126

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



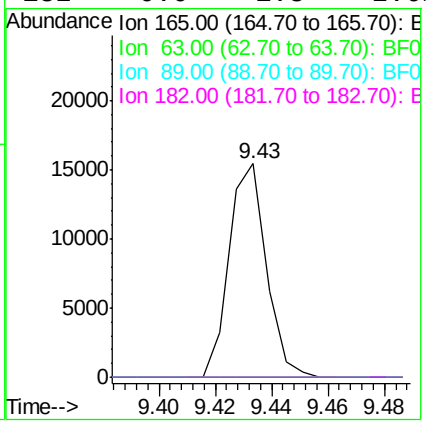


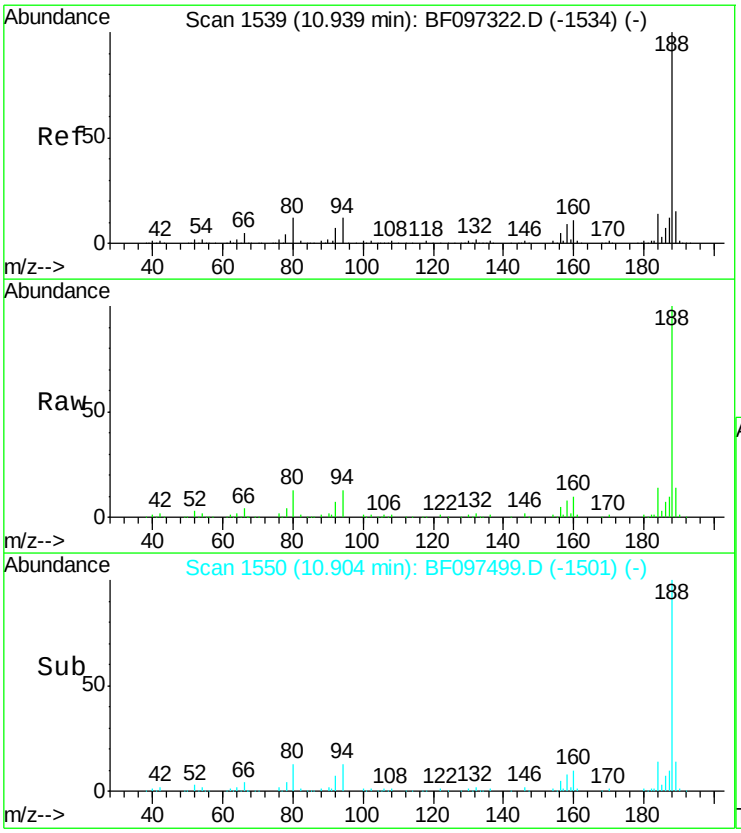
#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion:165 Resp: 14126

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

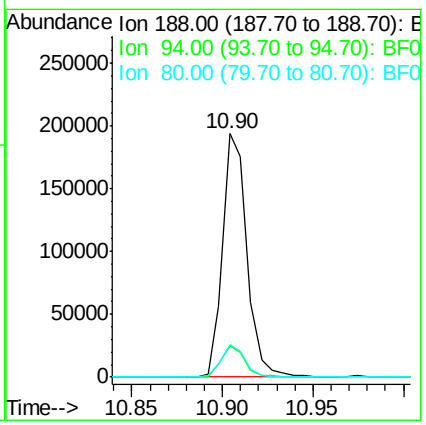


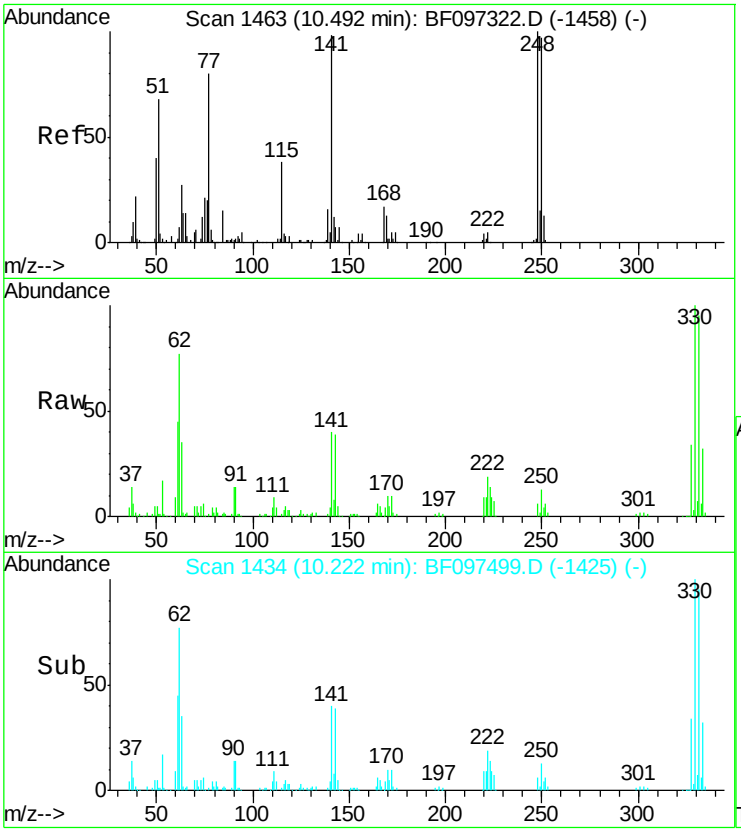


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:188 Resp: 181630

Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.4	14.2
80	13.3	10.2	15.2



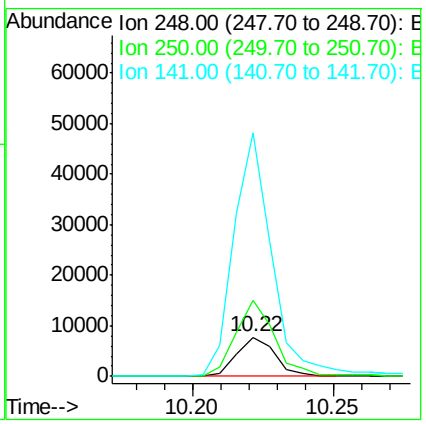


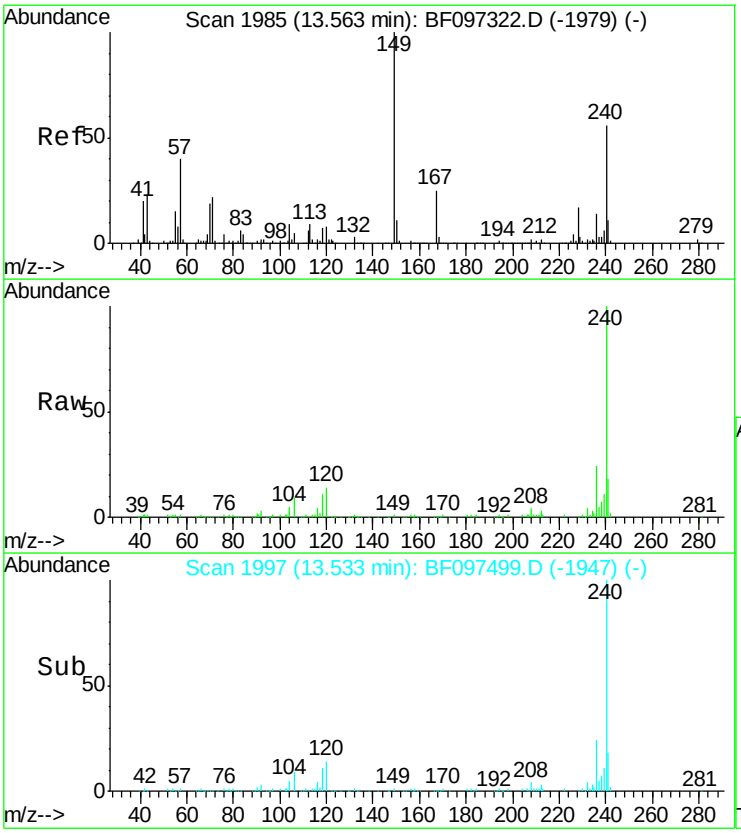
#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion:248 Resp: 7213

Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.8	115.2#
141	627.2	68.6	103.0#

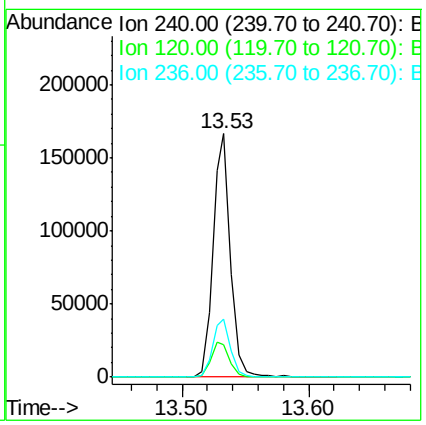


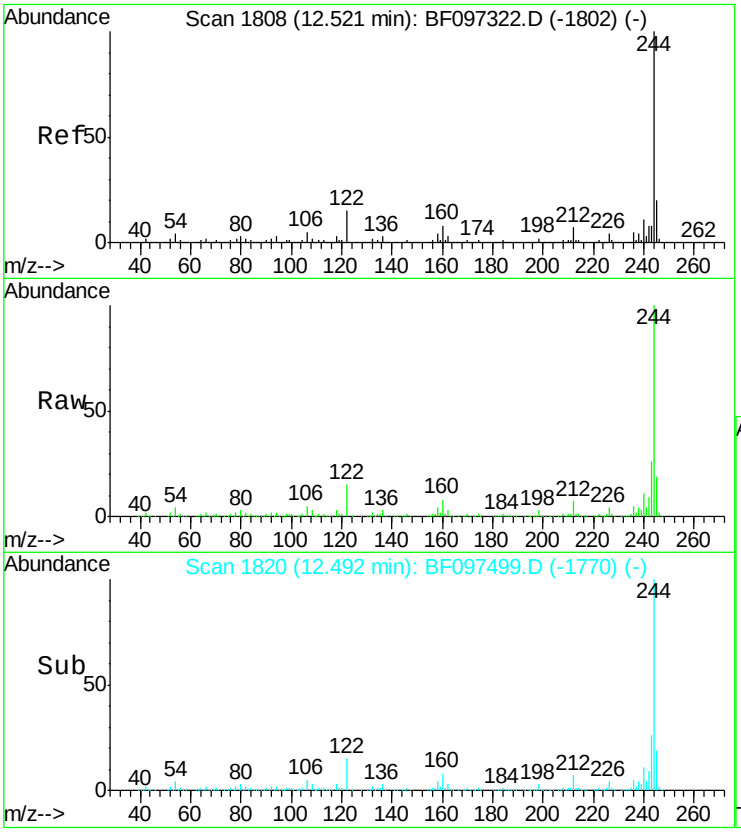


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:240 Resp: 159574

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	24.1	20.5	30.7



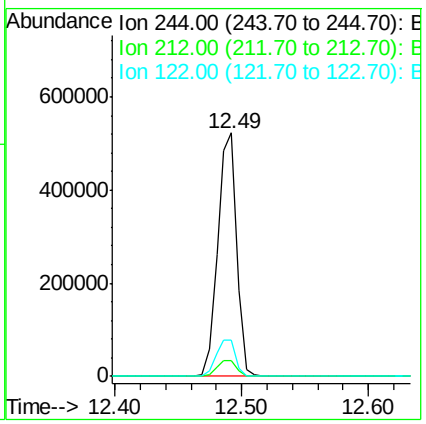


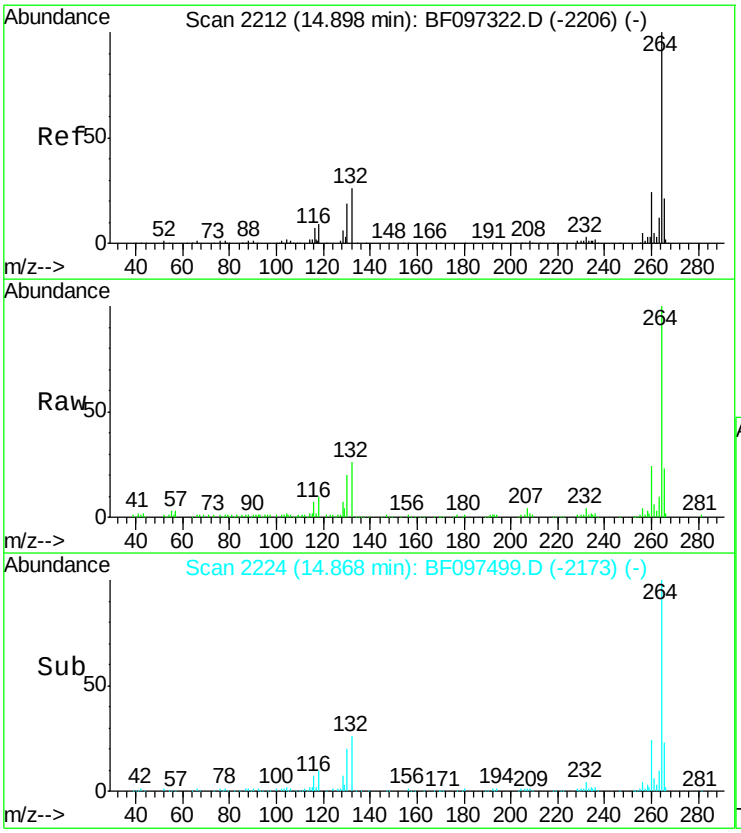
#78
Terphenyl-d14
Concen: 69.60 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tgt Ion:244 Resp: 544771

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.6	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:264 Resp: 120441

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.7	17.2	25.8