Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097357.D
Acq On : 4 Aug 2017 15:50
Operator : SJ/JU
Sample : I4542-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 04 16:57:49 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 16:25:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	102098	20.00	ng	0.00
21) Naphthalene-d8	7.72	136	383503	20.00	ng	0.00
38) Acenaphthene-d10	9.46	164	79416	20.00	ng	-0.01
63) Phenanthrene-d10	10.93	188	222364	20.00	ng	0.00
75) Chrysene-d12	13.55	240	56631	20.00	ng	-0.01
86) Perylene-d12	14.89	264	1779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	776941	114.72	ng	0.02
7) Phenol-d6	6.11	99	449698	58.16	ng	0.00
23) Nitrobenzene-d5	7.01	82	578472	88.49	ng	0.00
41) 2,4,6-Tribromophenol	10.25	330	201659	321.39	ng	0.00
44) 2-Fluorobiphenyl	8.80	172	982537	209.97	ng	0.00
78) Terphenyl-d14	12.52	244	574986	207.01	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.59	79	10016	2.046	ng	# 36
25) Isophorone	7.01	82	531115	41.485	ng	# 67
49) Dimethylphthalate	9.46	163	43151	7.155	ng	# 1
50) 2,6-Dinitrotoluene	9.46	165	10106	7.901	ng	# 38
56) 2,4-Dinitrotoluene	9.46	165	10106	6.873	ng	# 37
66) 4-Bromophenyl-phenylether	10.25	248	13160	5.930	ng	# 1
76) Benzidine	12.52	184	8115	3.862	ng	# 76
89) Benzo(a)pyrene	14.91	252	1158	11.832	ng	# 1

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

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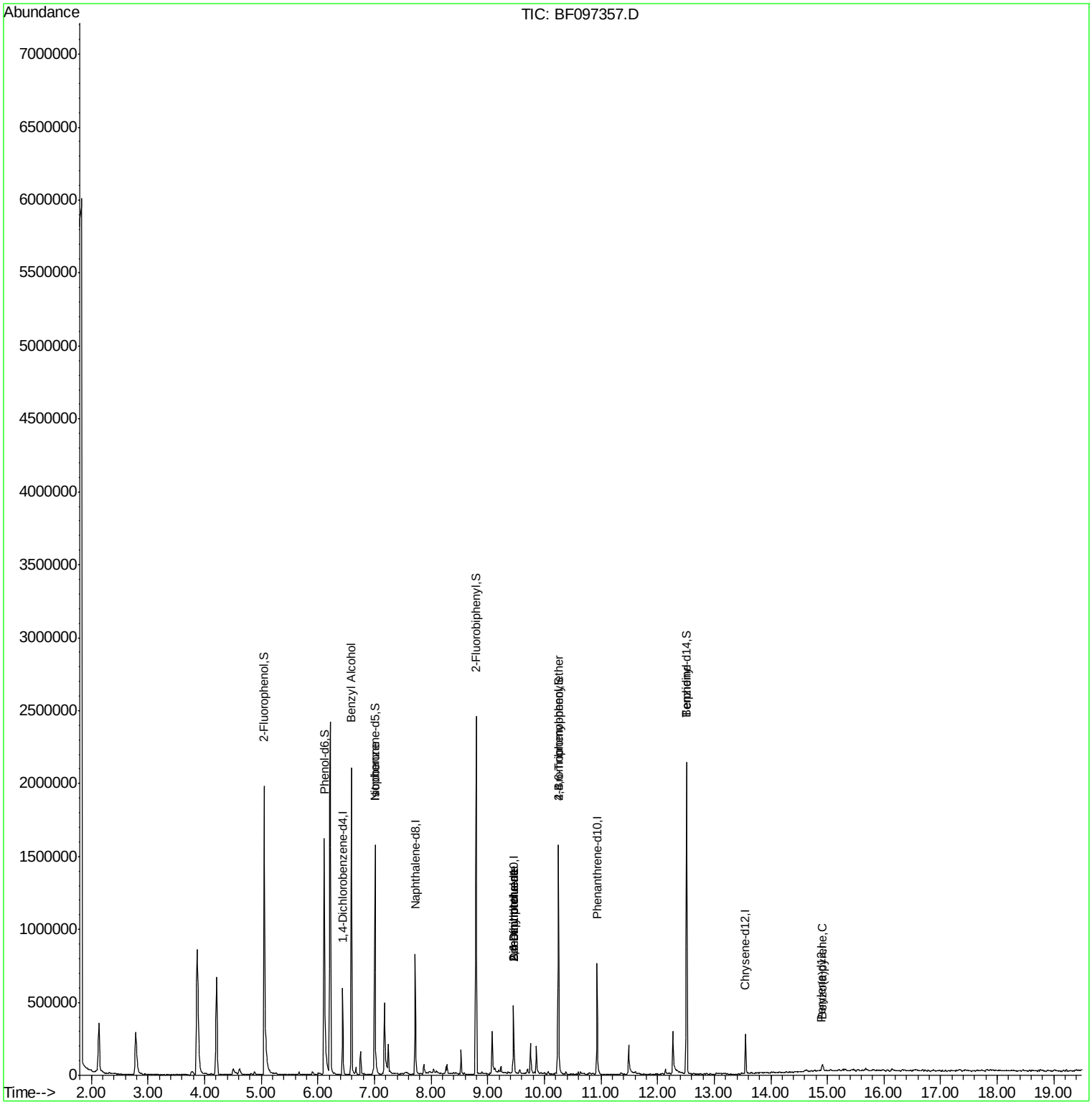
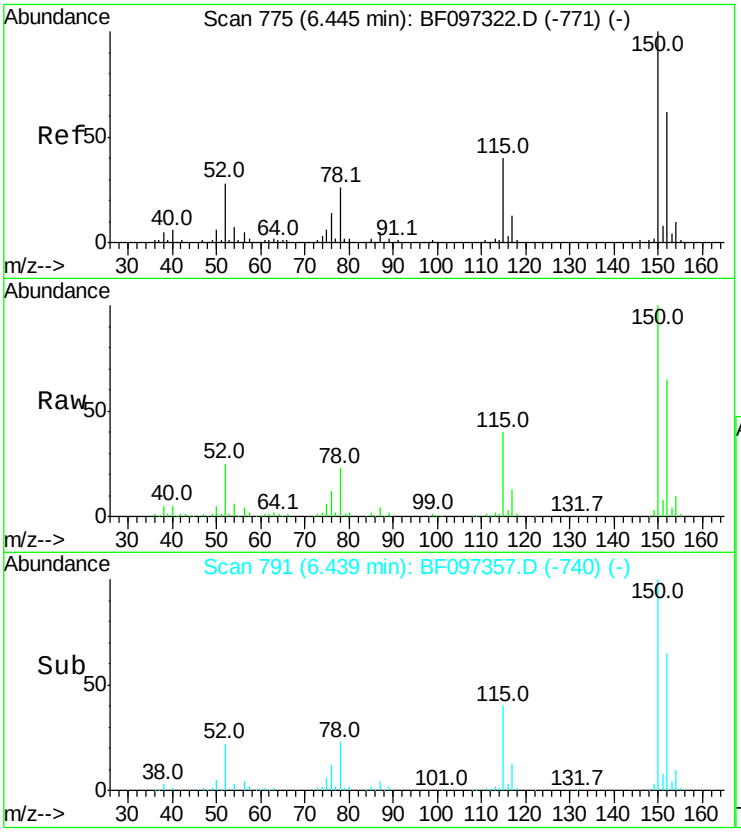


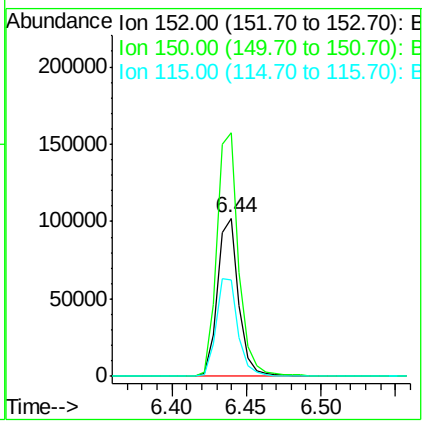


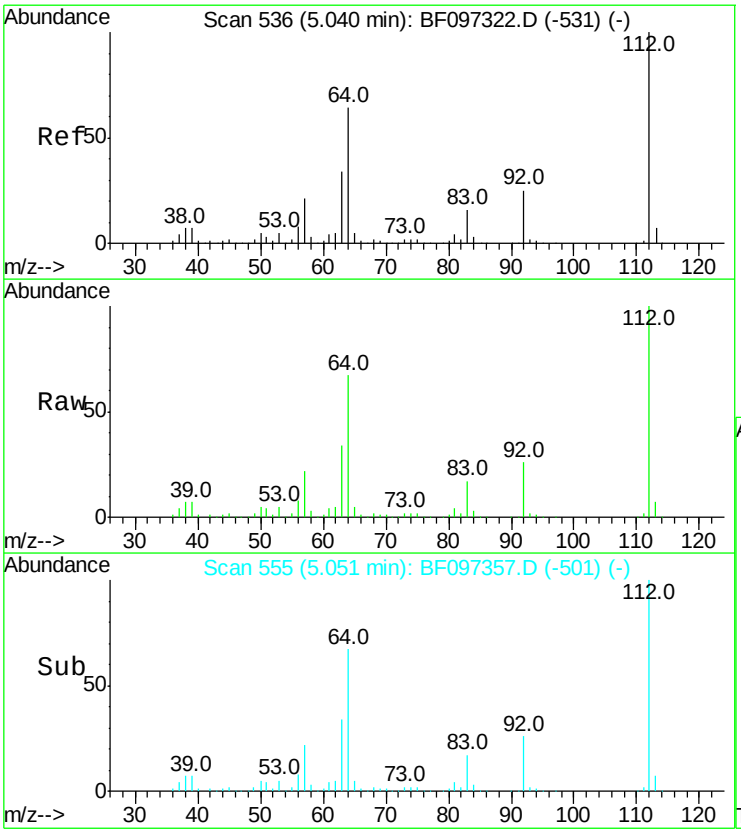
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102098

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	61.0	52.2	78.2

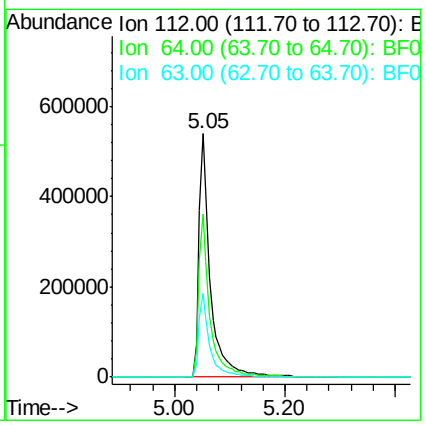


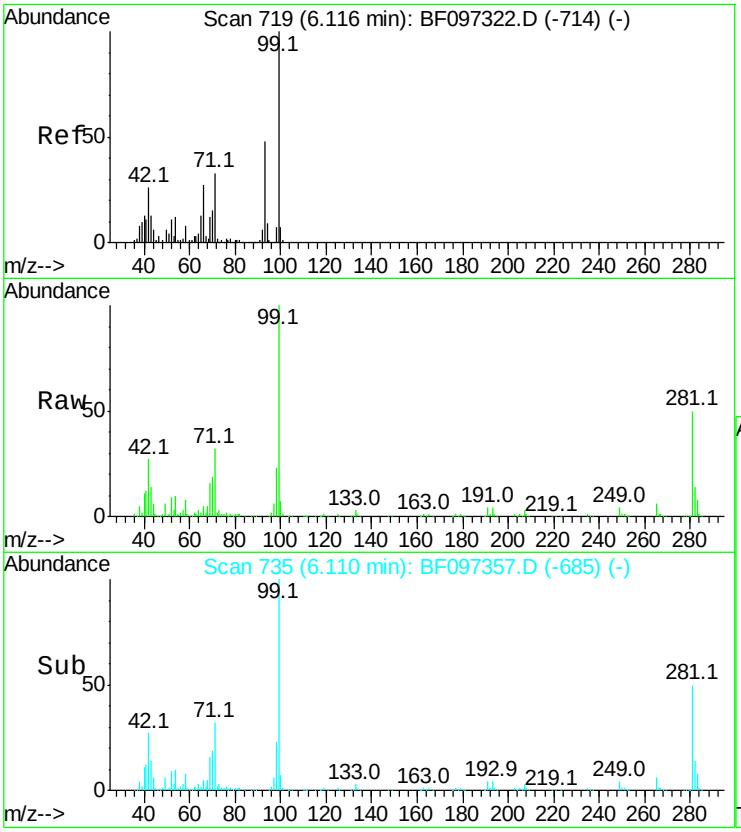


#5
2-Fluorophenol
Concen: 114.716 ng
RT: 5.05 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion:112 Resp: 776941

Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.0	69.0
63	34.3	23.4	35.0



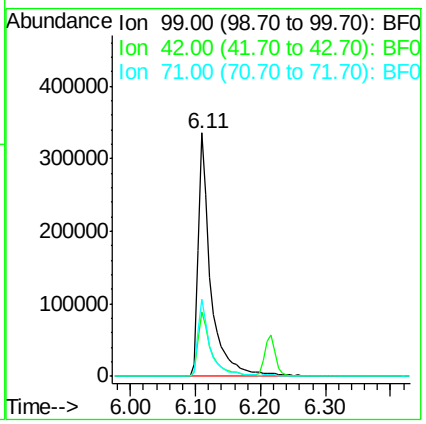


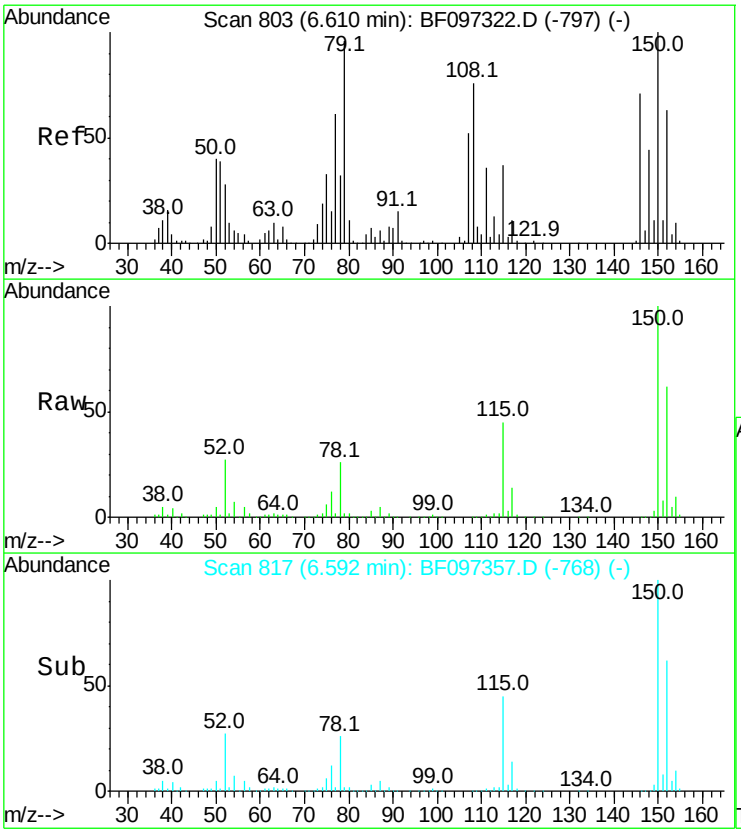
#7
Phenol-d6
Concen: 58.162 ng
RT: 6.11 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 449698

Ion	Ratio	Lower	Upper
99	100		
42	26.7	13.5	20.3#
71	31.7	24.5	36.7

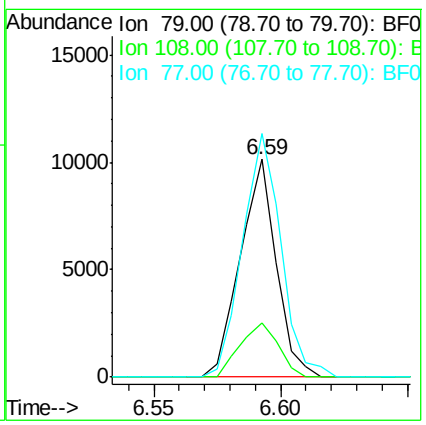


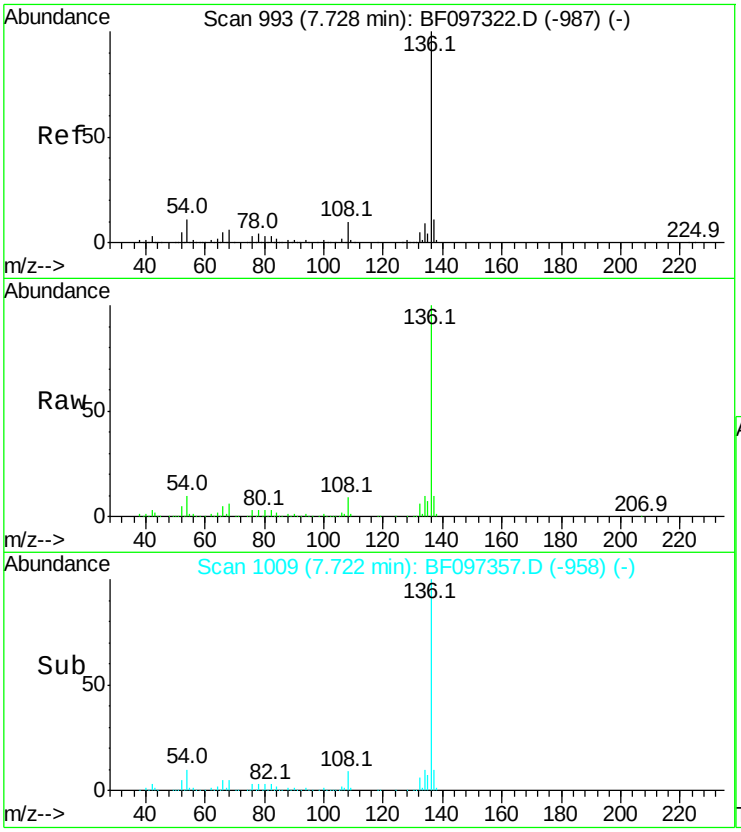


#15
Benzyl Alcohol
Concen: 2.046 ng
RT: 6.59 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion: 79 Resp: 10016

Ion	Ratio	Lower	Upper
79	100		
108	24.7	63.4	95.0#
77	112.0	49.2	73.8#



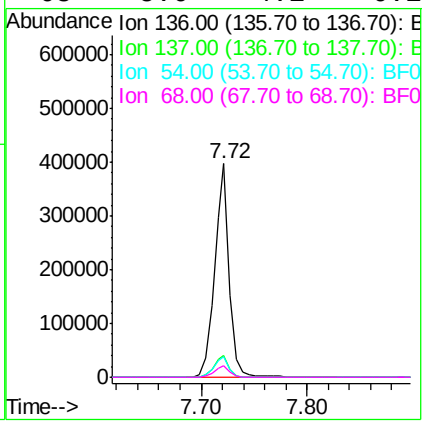


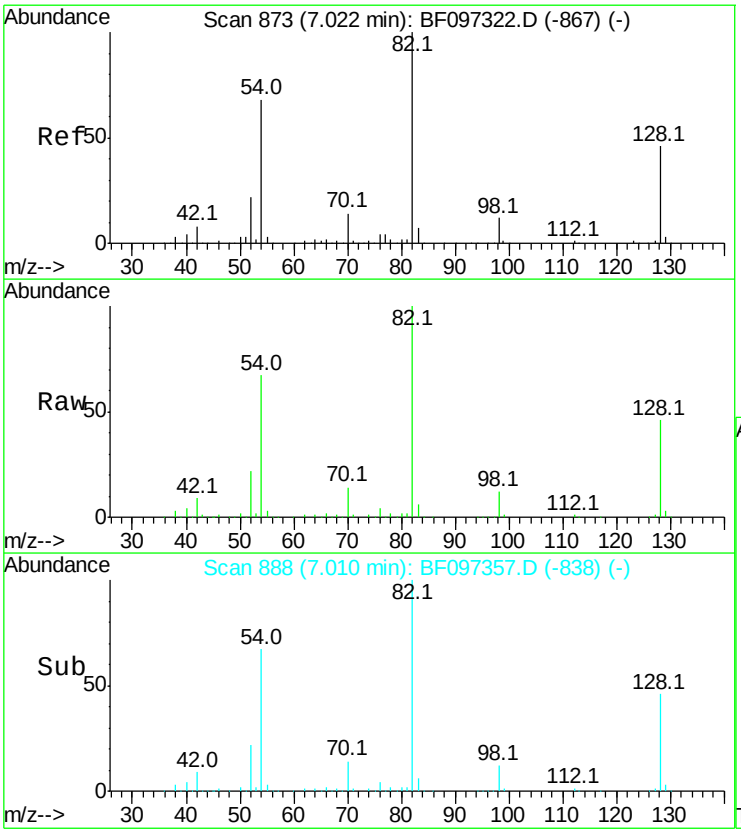
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 383503

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	9.7	4.9	7.3#
68	5.6	4.1	6.1

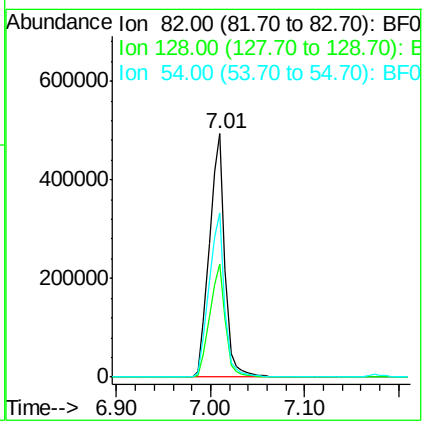


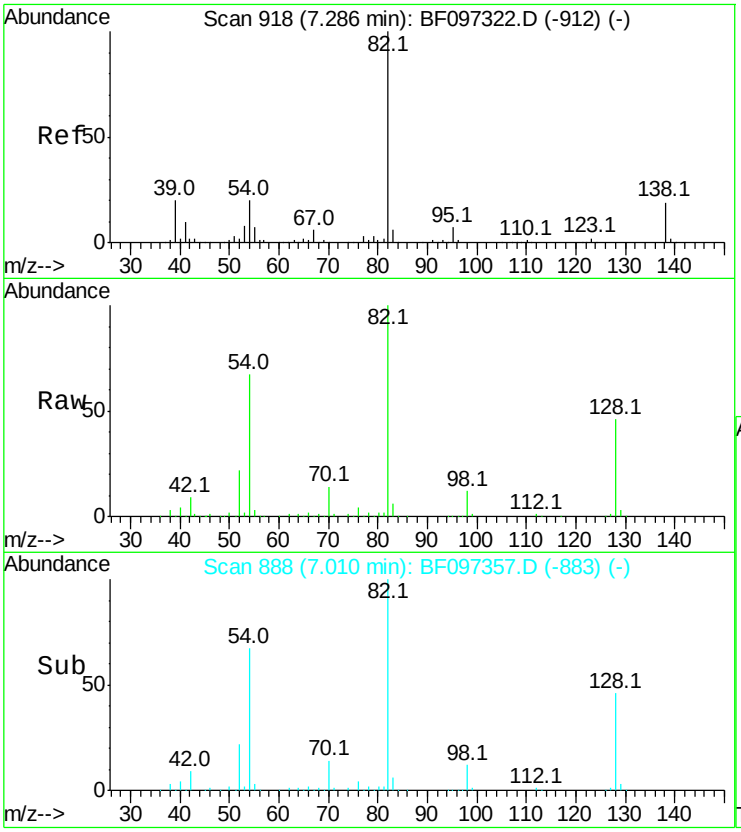


#23
Nitrobenzene-d5
Concen: 88.488 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion: 82 Resp: 578472

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	67.4	42.2	63.2#



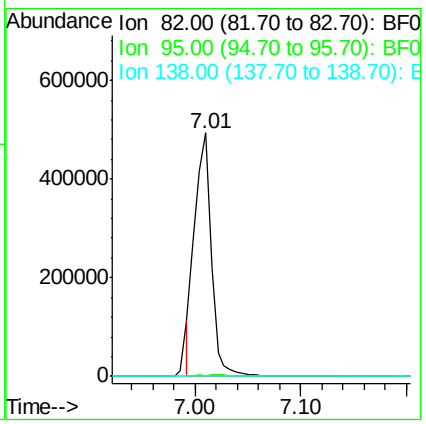


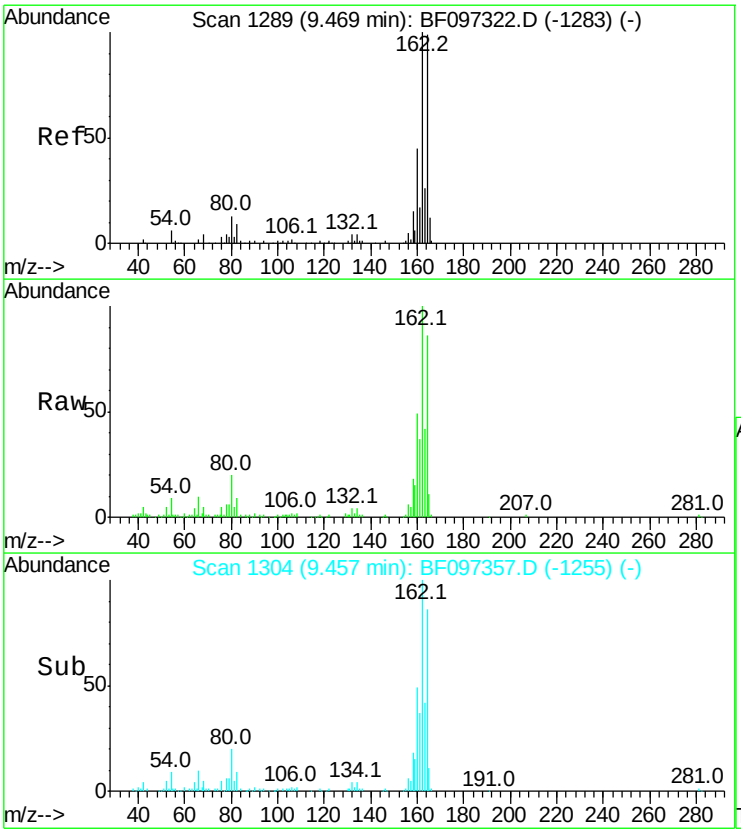
#25
Isophorone
Concen: 41.485 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 531115

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.3	7.9#
138	0.0	13.1	19.7#

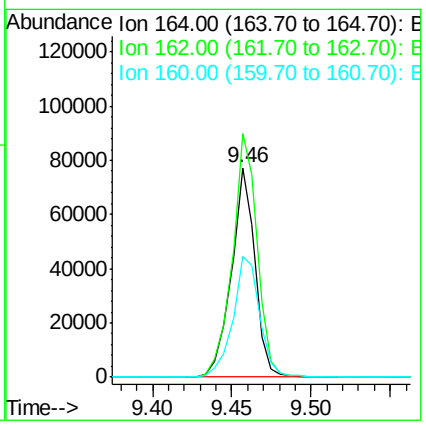


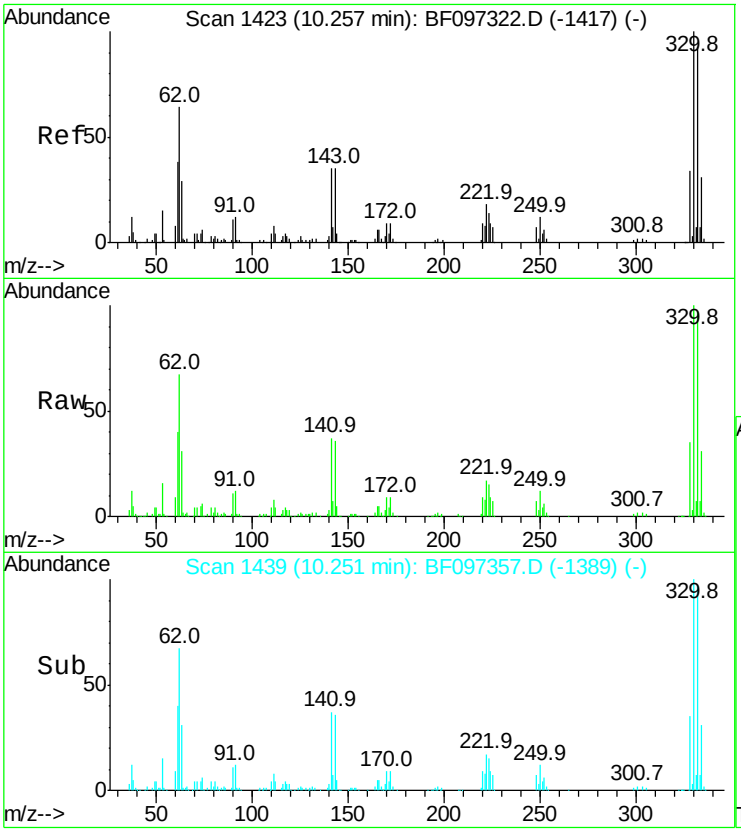


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.46 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion:164 Resp: 79416

Ion	Ratio	Lower	Upper
164	100		
162	116.4	82.6	123.8
160	57.5	36.2	54.2#



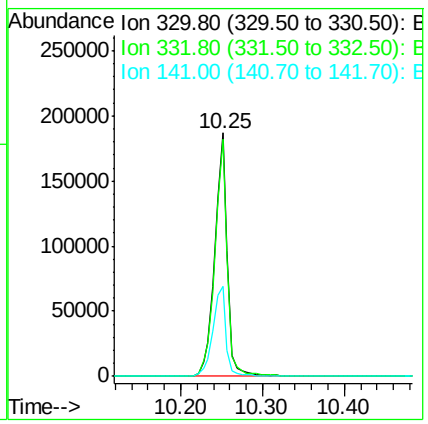


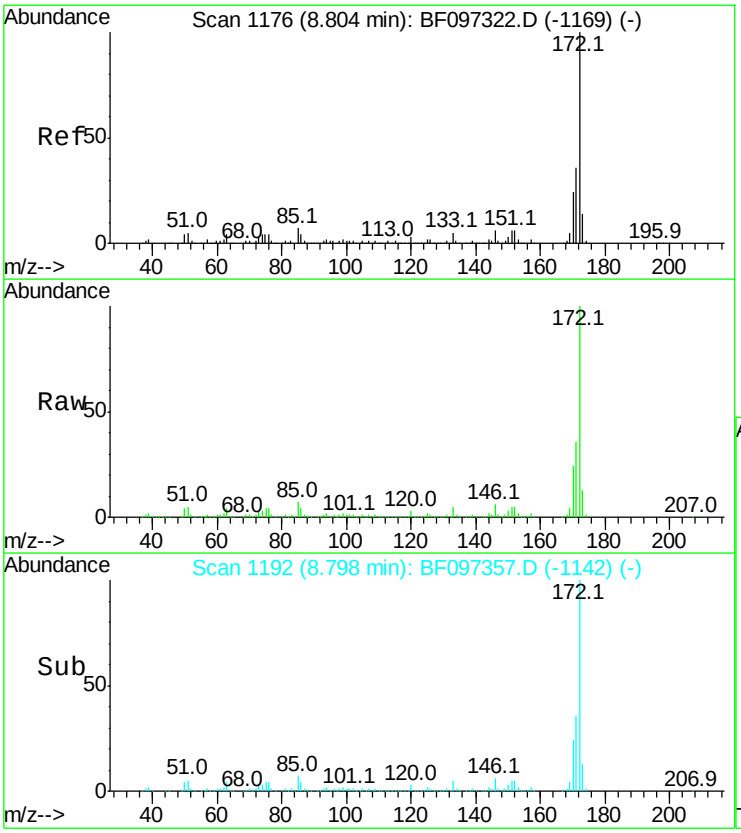
#41
2,4,6-Tribromophenol
Concen: 321.388 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 201659

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.3	31.4	47.2

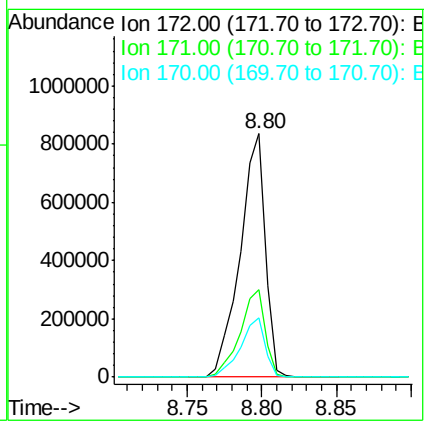


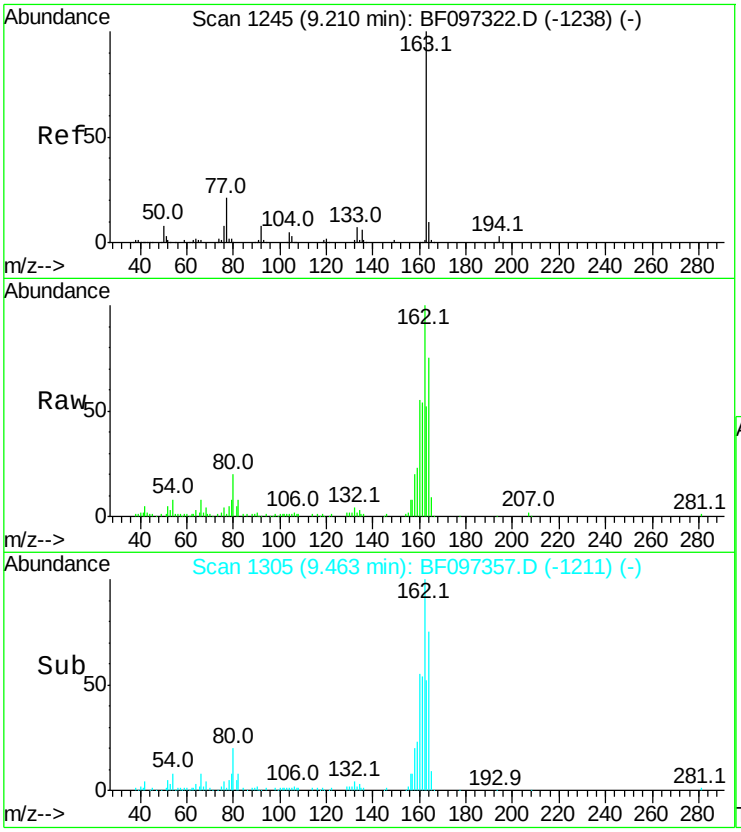


#44
2-Fluorobiphenyl
Concen: 209.965 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion:172 Resp: 982537

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.3	19.8	29.8



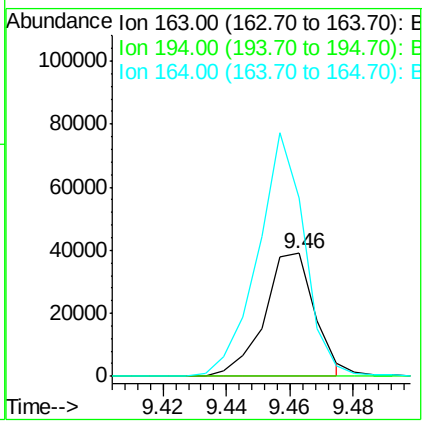


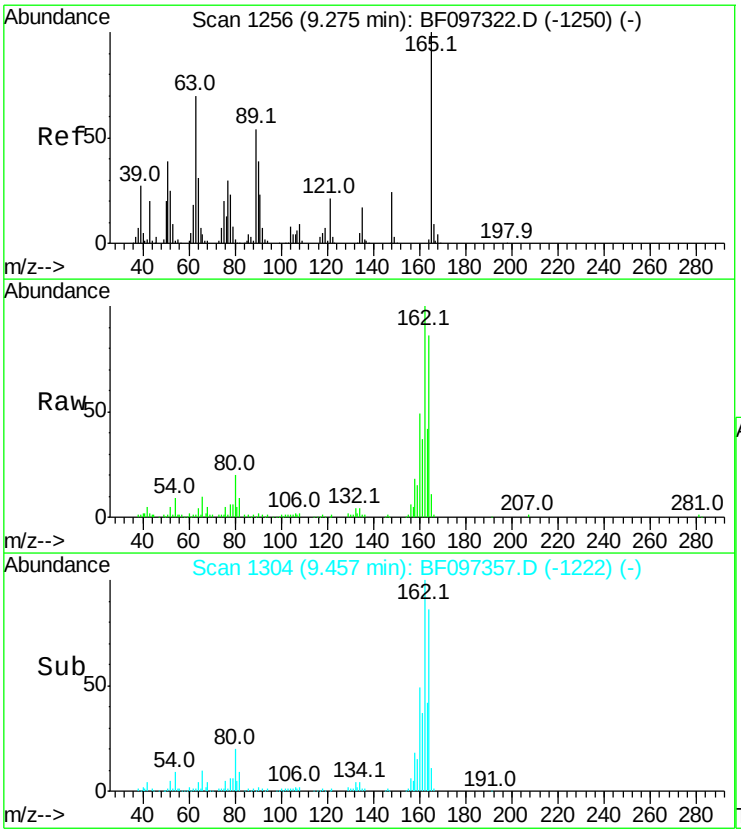
#49
Dimethylphthalate
Concen: 7.155 ng
RT: 9.46 min Scan# 1305
Delta R.T. 0.25 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 43151

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	144.6	8.4	12.6#

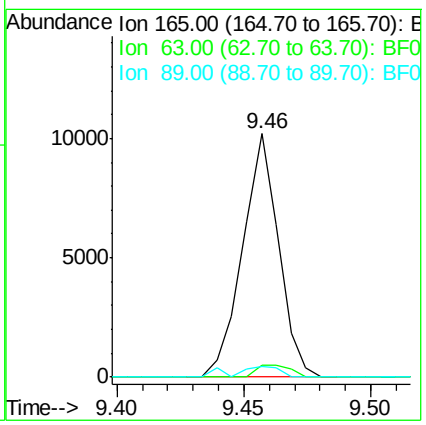


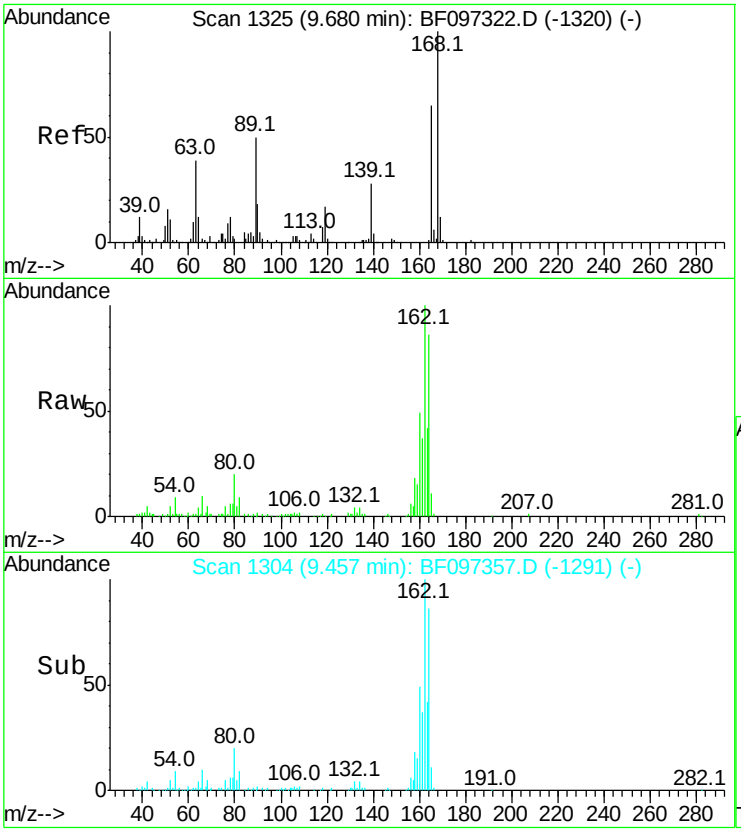


#50
2,6-Dinitrotoluene
Concen: 7.901 ng
RT: 9.46 min Scan# 1304
Delta R.T. 0.18 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion:165 Resp: 10106

Ion	Ratio	Lower	Upper
165	100		
63	4.7	34.3	51.5#
89	4.3	37.1	55.7#



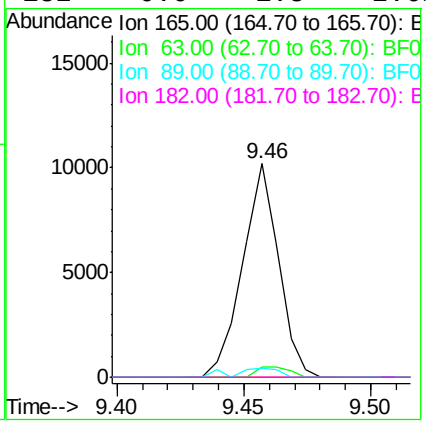


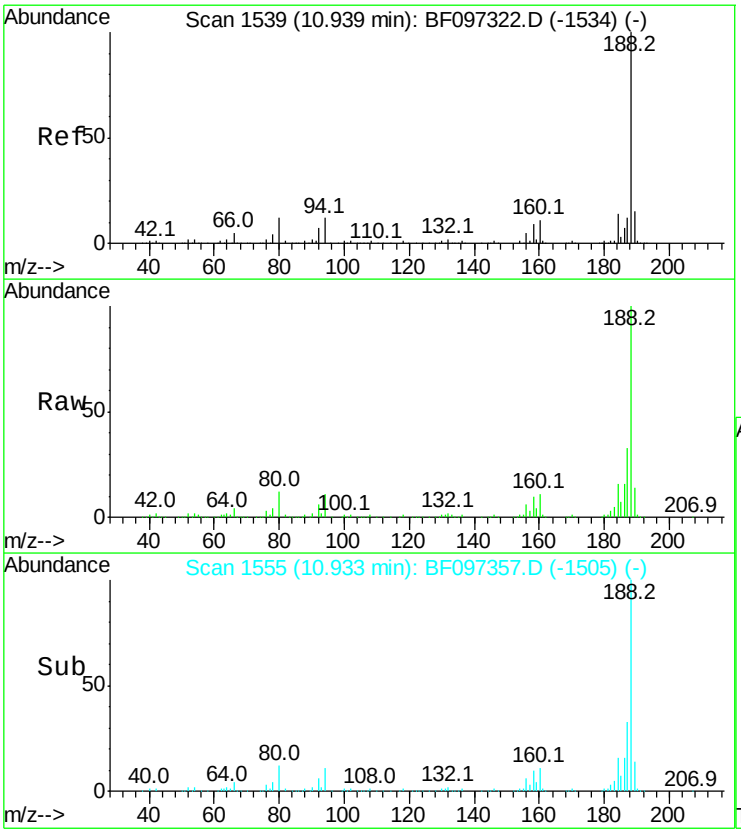
#56
2,4-Dinitrotoluene
Concen: 6.873 ng
RT: 9.46 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10106

Ion	Ratio	Lower	Upper
165	100		
63	4.7	25.4	38.0#
89	4.3	46.4	69.6#
182	0.0	1.8	2.6#

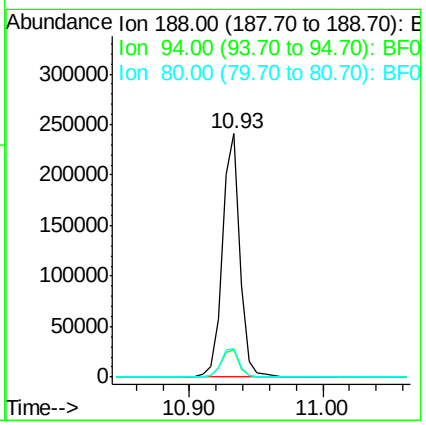


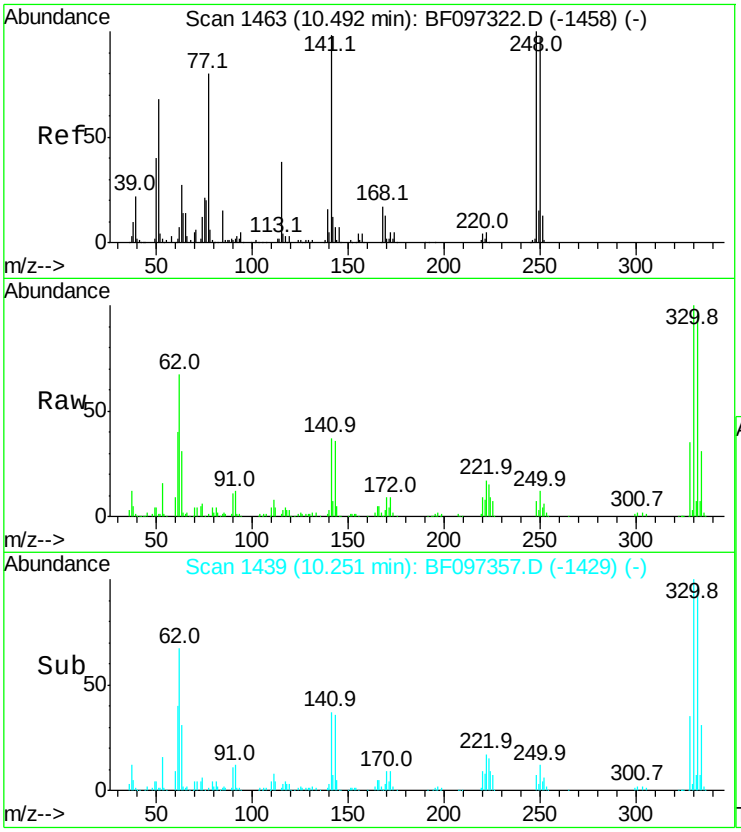


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion:188 Resp: 222364

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.7	10.2	15.2



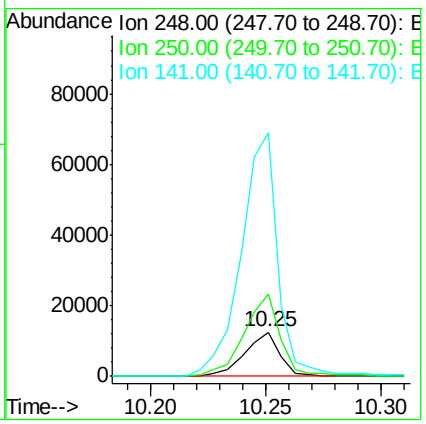


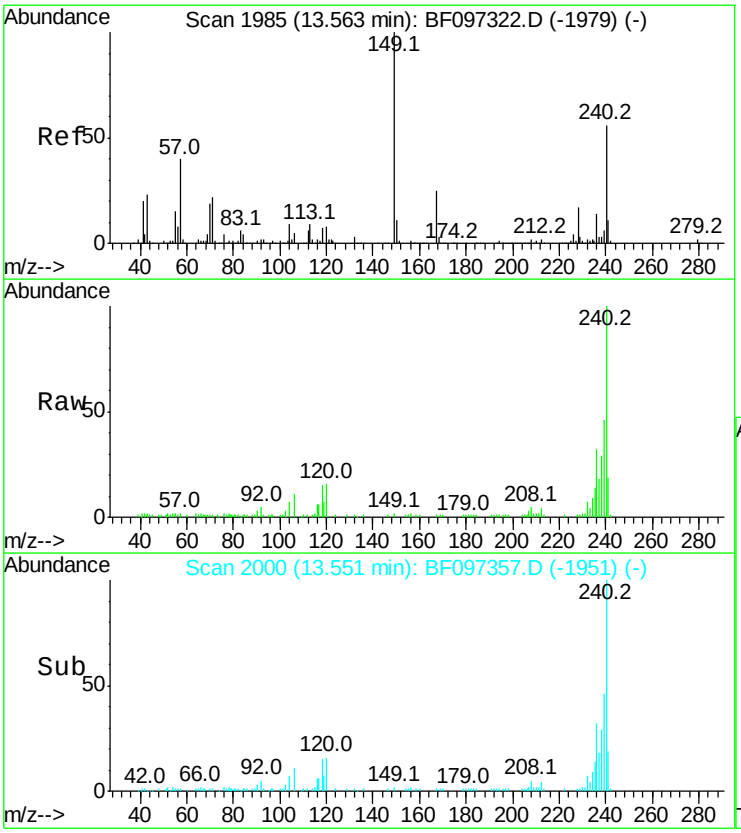
#66
4-Bromophenyl-phenylether
Concen: 5.930 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13160

Ion	Ratio	Lower	Upper
248	100		
250	186.9	76.8	115.2#
141	552.0	68.6	103.0#

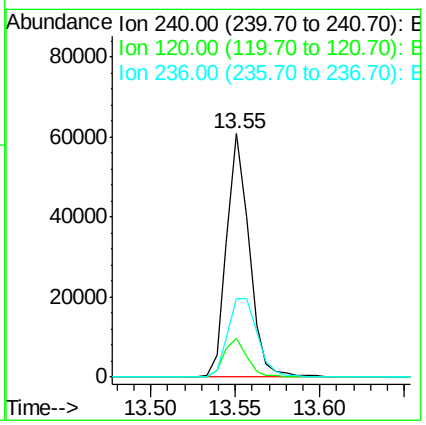


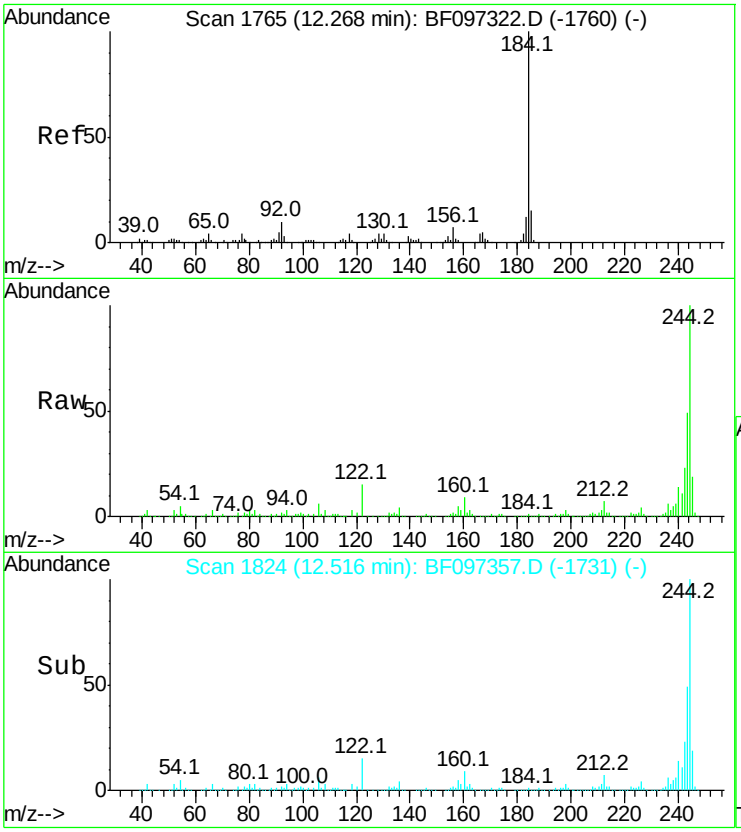


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion:240 Resp: 56631

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	32.1	20.5	30.7#



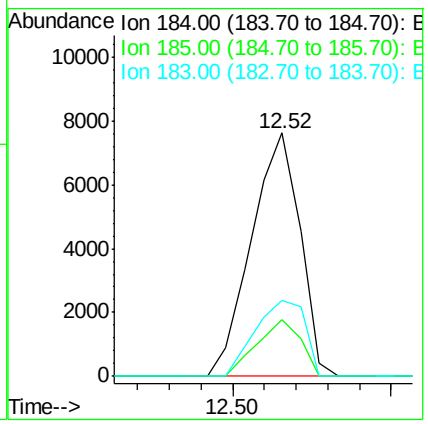


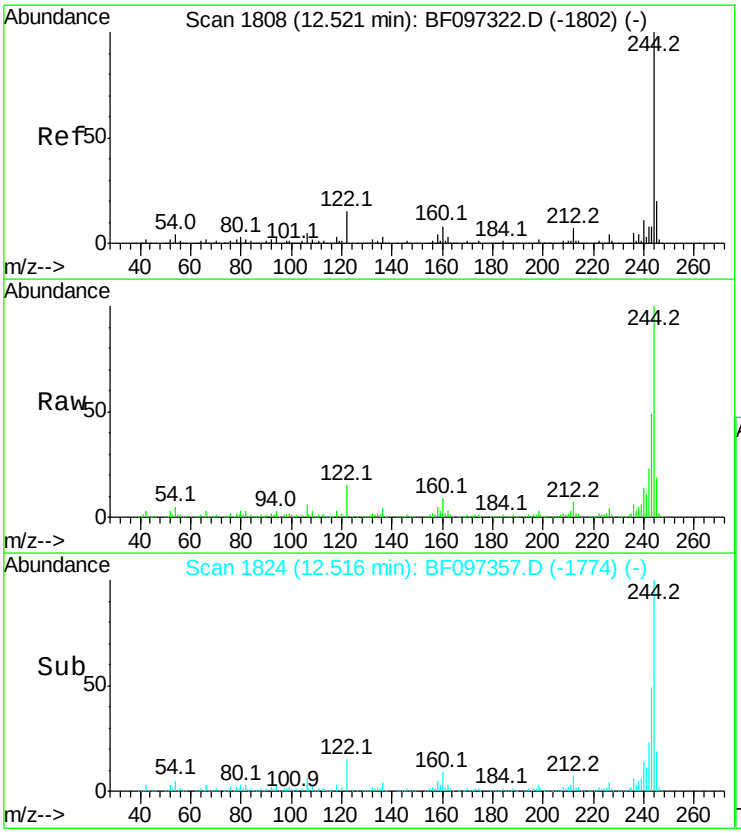
#76
Benzidine
Concen: 3.862 ng
RT: 12.52 min Scan# 1824
Delta R.T. 0.25 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 8115

Ion	Ratio	Lower	Upper
184	100		
185	23.5	15.5	23.3#
183	31.3	9.8	14.6#

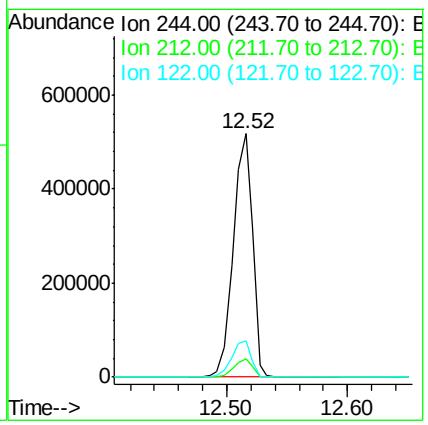


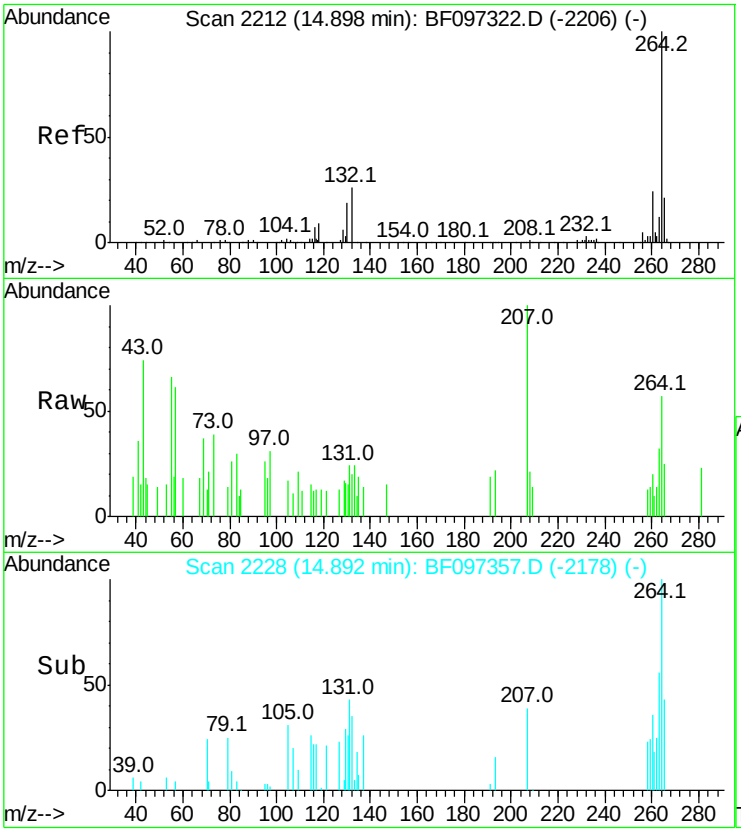


#78
Terphenyl-d14
Concen: 207.009 ng
RT: 12.52 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion:244 Resp: 574986

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.8	10.3	15.5



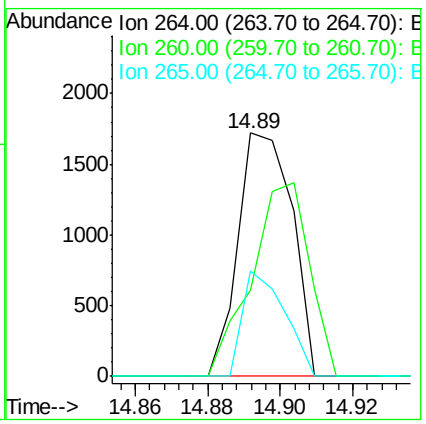


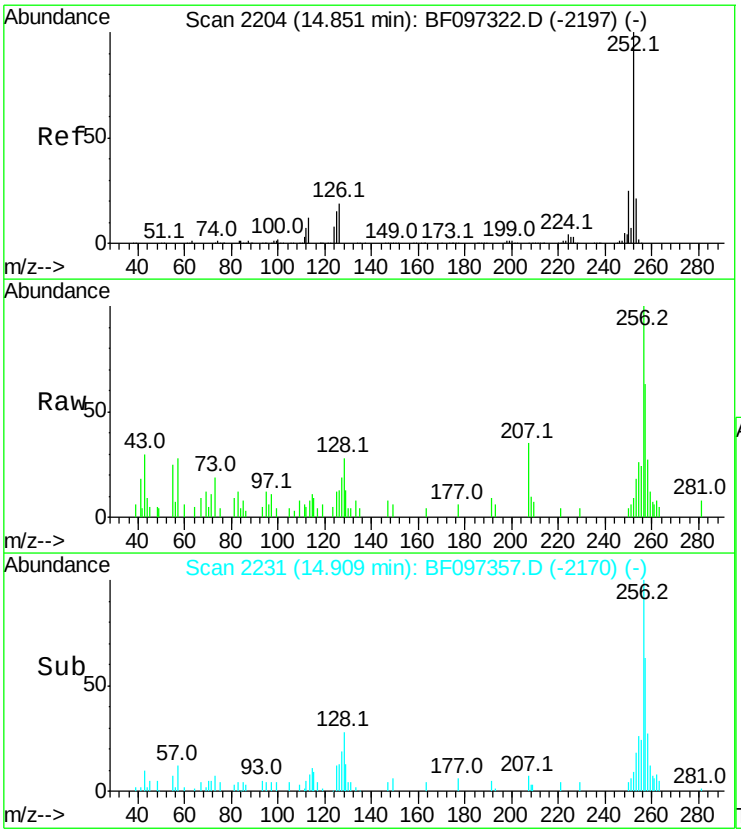
#86
Perylene-d12
Concen: 20.000 ng
RT: 14.89 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 1779

Ion	Ratio	Lower	Upper
264	100		
260	35.6	19.5	29.3#
265	43.5	17.2	25.8#





#89
Benzo(a)pyrene
Concen: 11.832 ng
RT: 14.91 min Scan# 2231
Delta R.T. 0.06 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion:252 Resp: 1158

Ion	Ratio	Lower	Upper
252	100		
253	190.3	17.5	26.3#
125	129.3	11.0	16.4#