Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097715.D
Acq On : 16 Aug 2017 3:05
Operator : SJ/JU
Sample : I4703-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-G9-BASE

Quant Time: Aug 16 07:08:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129338	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	494206	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	193300	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	283048	20.00	ng		0.00
75) Chrysene-d12	13.93	240	270219	20.00	ng		0.00
86) Perylene-d12	15.37	264	257677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	832733	97.93	ng		0.00
7) Phenol-d6	6.41	99	1135227	98.26	ng		0.00
23) Nitrobenzene-d5	7.35	82	673175	74.00	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	139805	83.36	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	742050	56.40	ng		0.00
78) Terphenyl-d14	12.89	244	420217	32.43	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.42	94	38538	2.85	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	92051	11.64	ng	#	72
25) Isophorone	7.35	82	670346	35.44	ng	#	67
49) Dimethylphthalate	9.54	163	180039	12.74	ng		99
56) 2,4-Dinitrotoluene	9.82	165	25181	7.11	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.60	198	322	8.52	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	9154	3.11	ng	#	1

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

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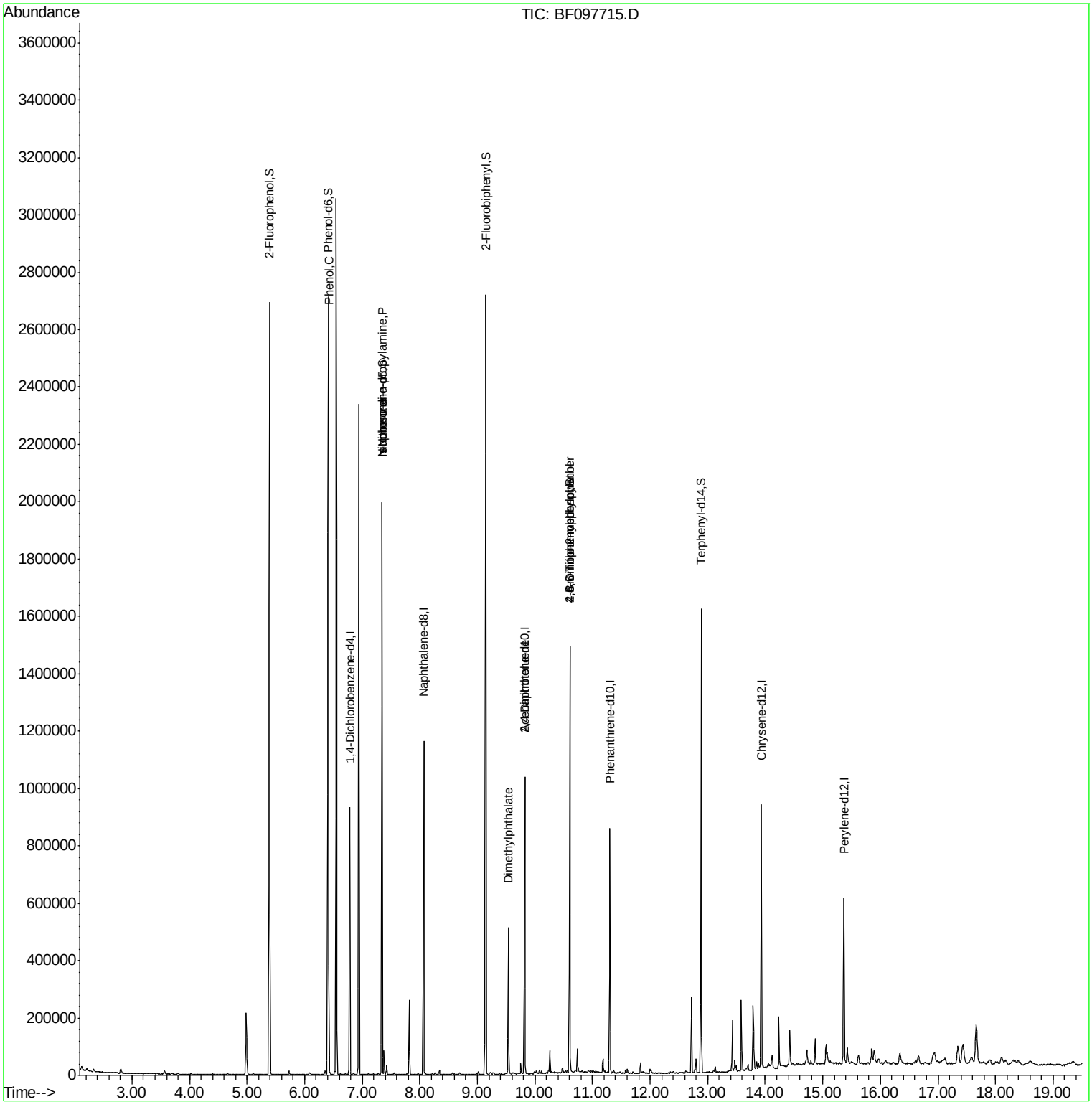
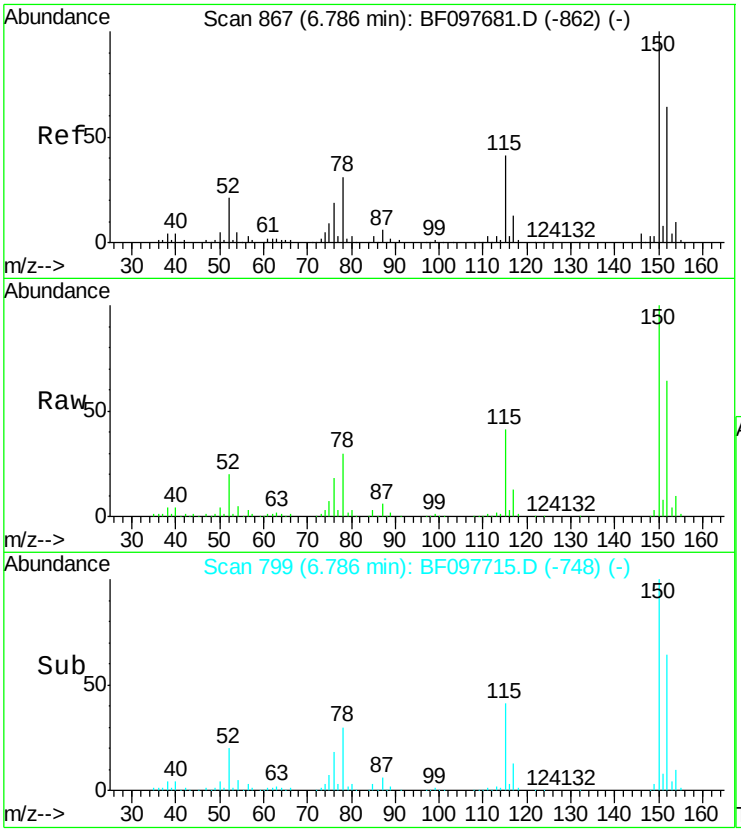


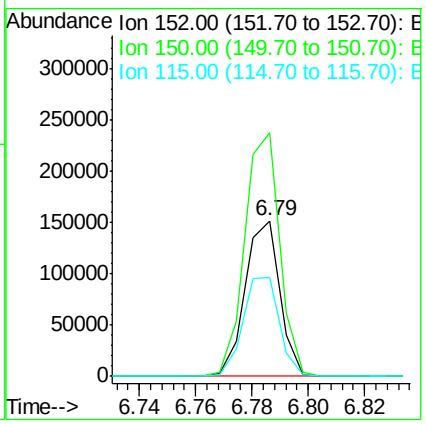


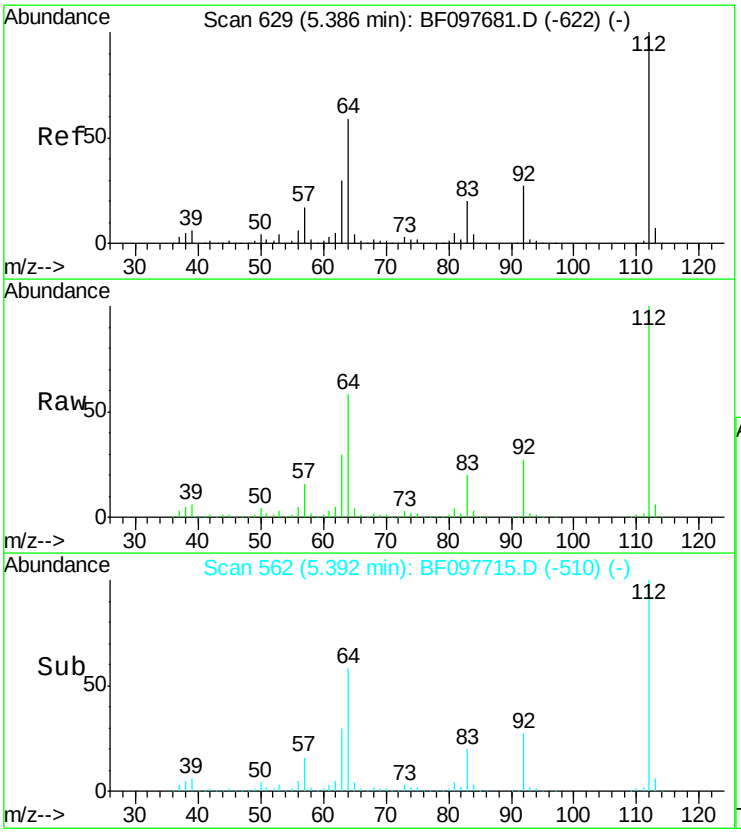
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:152 Resp: 129338

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	63.8	52.2	78.2

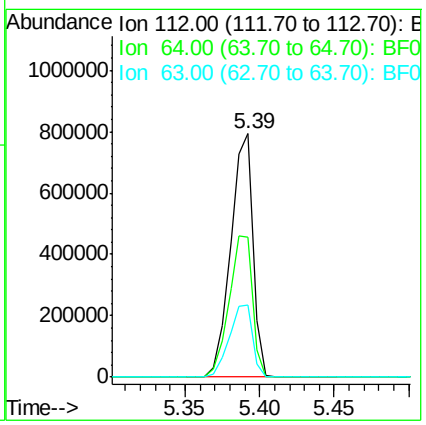


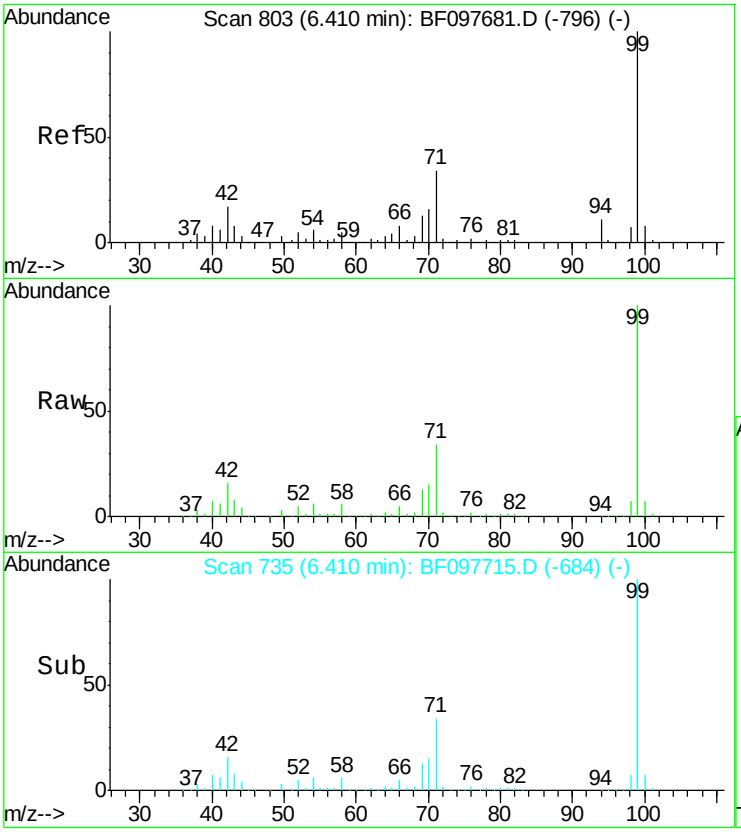


#5
2-Fluorophenol
Concen: 97.93 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion:112 Resp: 832733

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	29.6	23.4	35.0



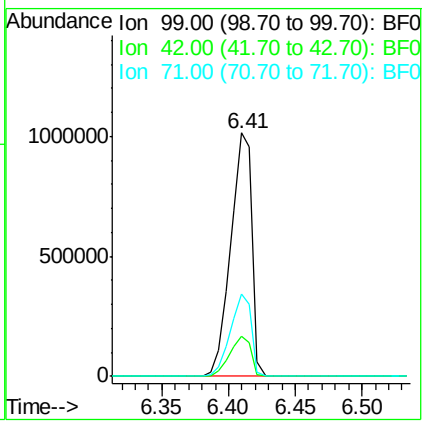


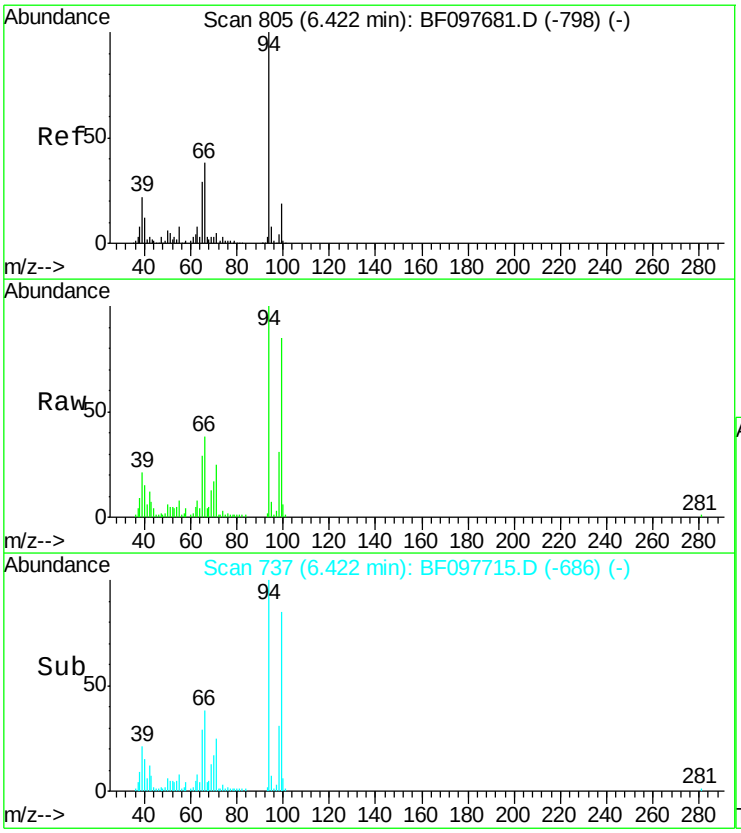
#7
Phenol-d6
Concen: 98.26 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion: 99 Resp: 1135227

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	33.9	24.5	36.7

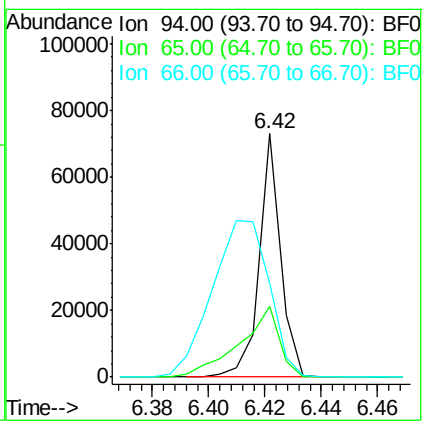


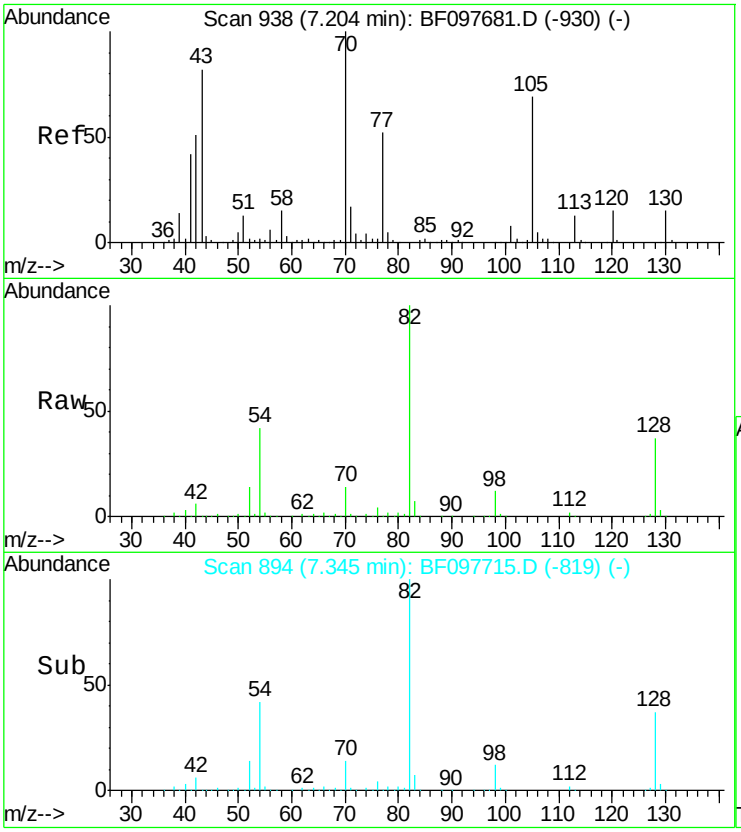


#10
Phenol
Concen: 2.85 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion: 94 Resp: 38538

Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.9	49.9
66	38.4	23.1	63.1



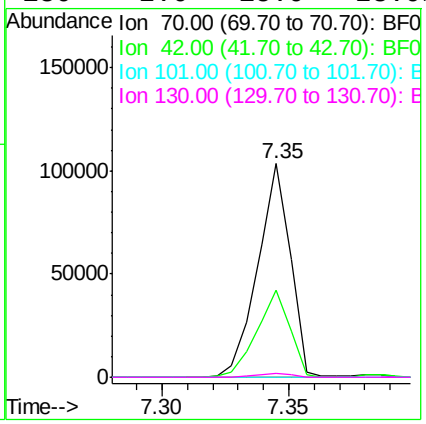


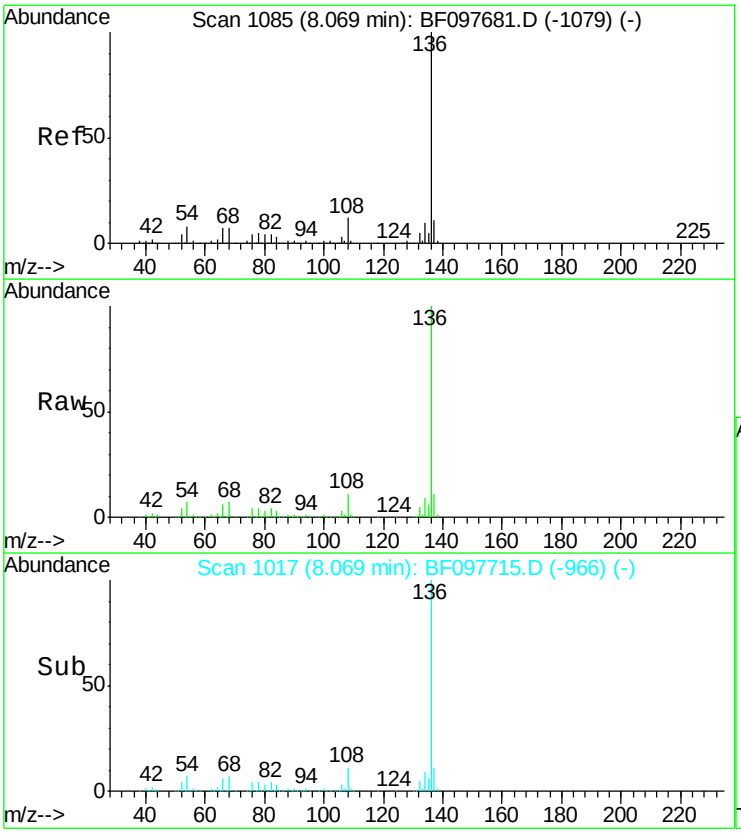
#19
n-Nitroso-di-n-propylamine
Concen: 11.64 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion: 70 Resp: 92051

Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

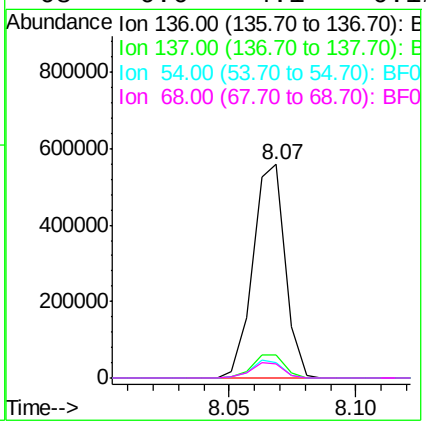


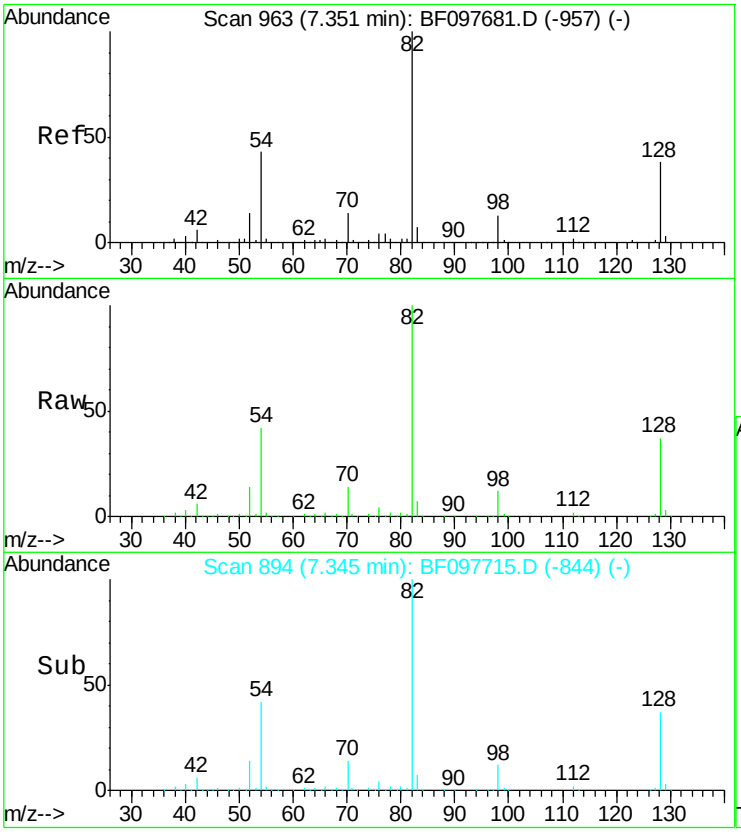


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion:136 Resp: 494206

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	6.6	4.1	6.1#



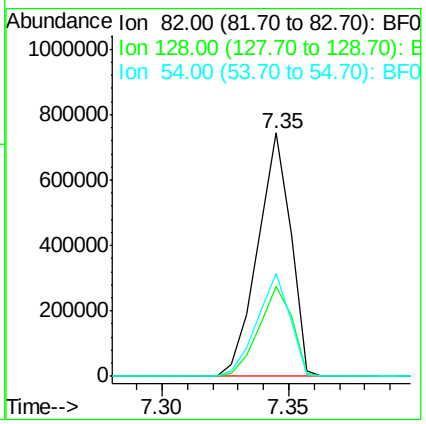


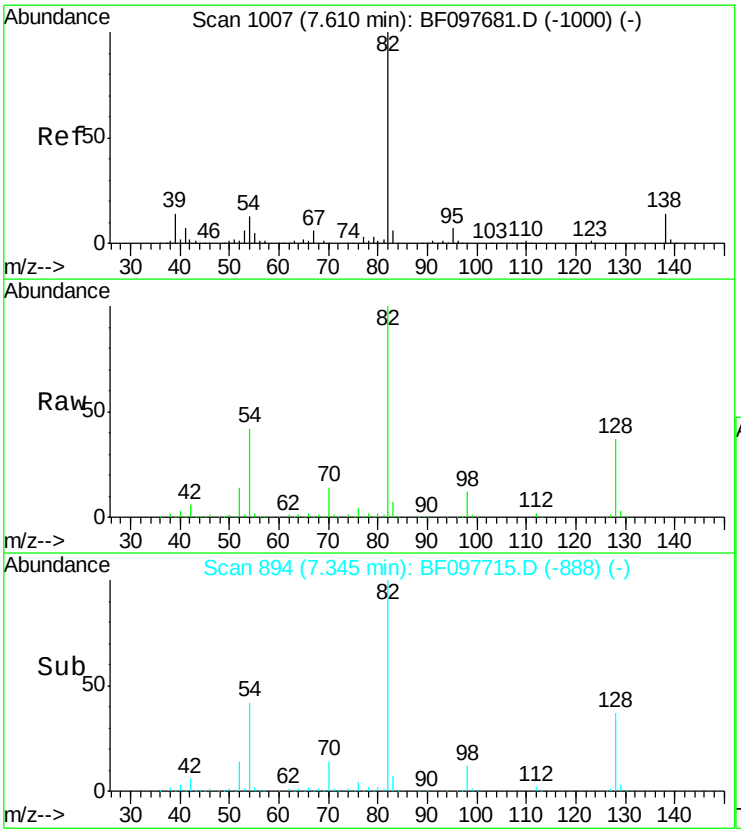
#23
Nitrobenzene-d5
Concen: 74.00 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion: 82 Resp: 673175

Ion	Ratio	Lower	Upper
82	100		
128	36.9	34.0	51.0
54	42.3	42.2	63.2

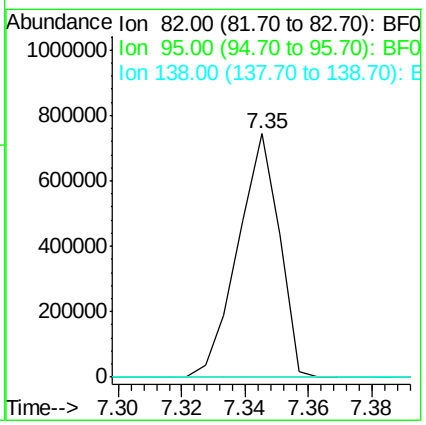


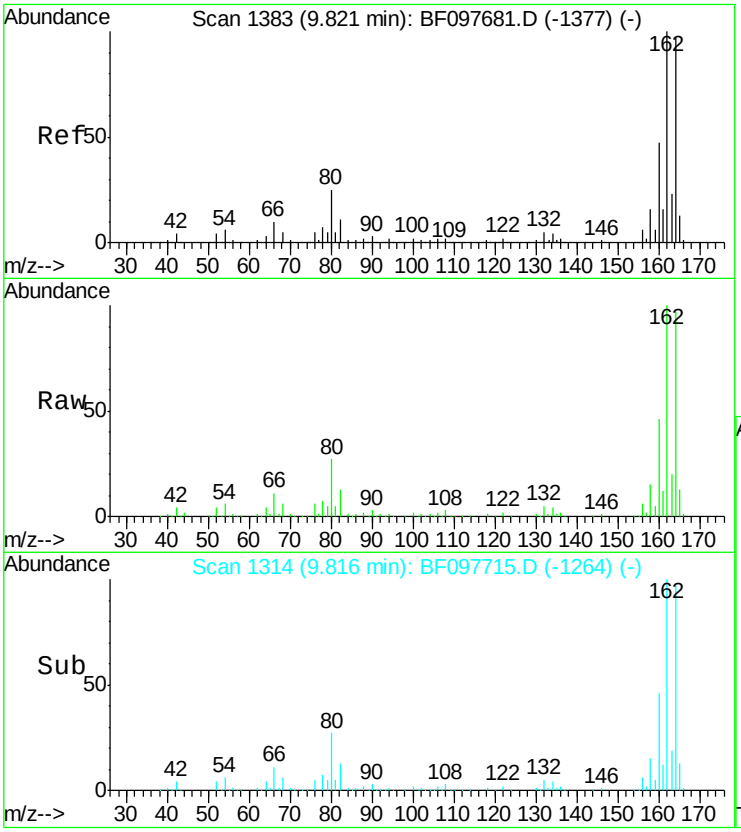


#25
Isophorone
Concen: 35.44 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion: 82 Resp: 670346

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



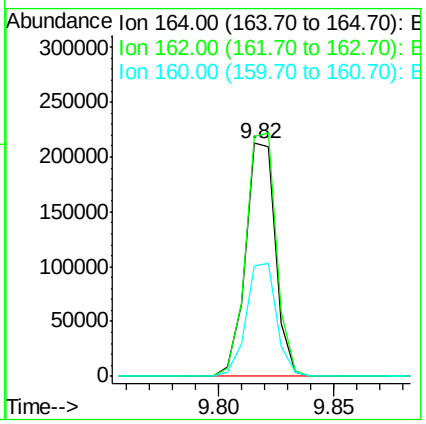


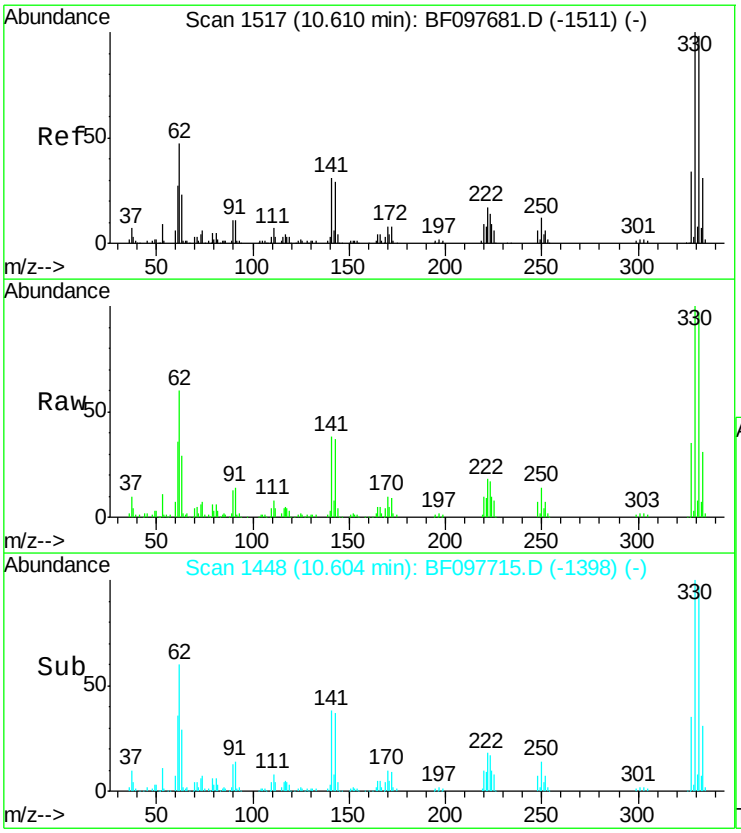
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:164 Resp: 193300

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	47.4	36.2	54.2

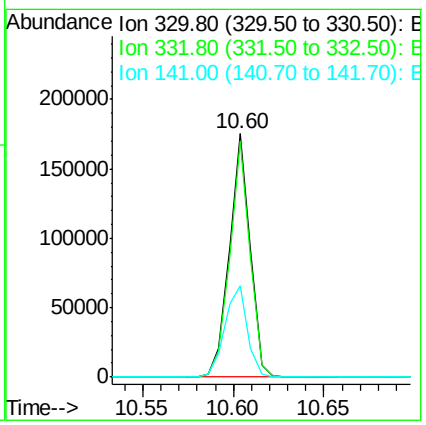


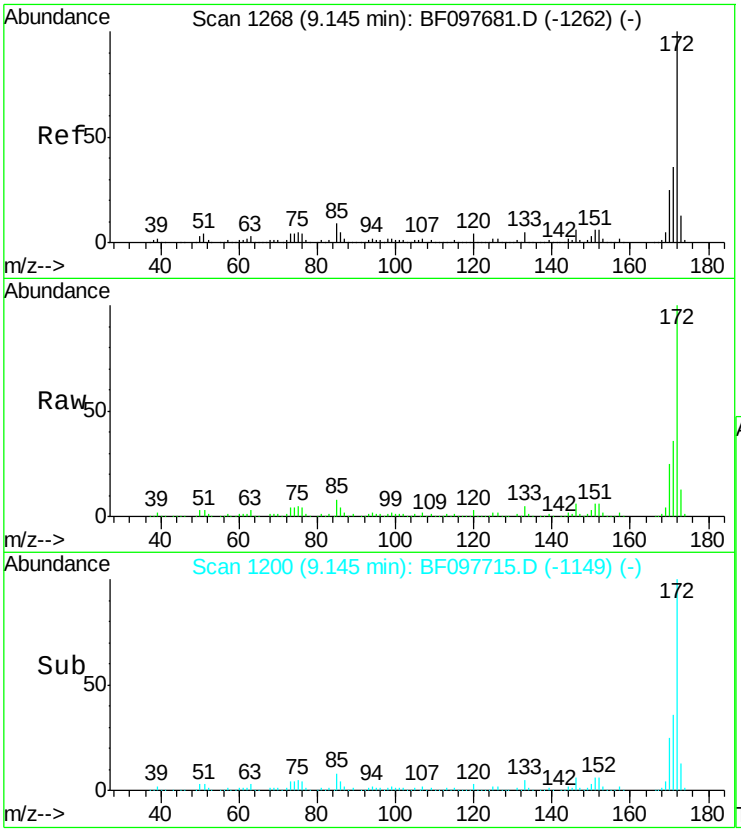


#41
2,4,6-Tribromophenol
Concen: 83.36 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion:330 Resp: 139805

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	40.8	31.4	47.2



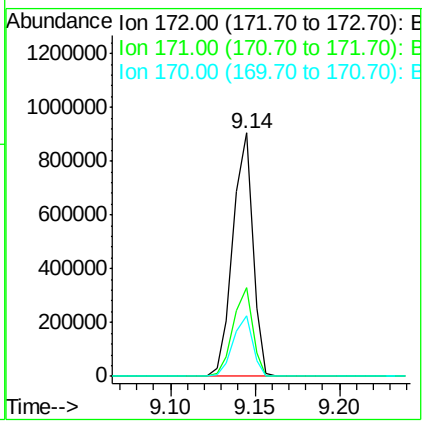


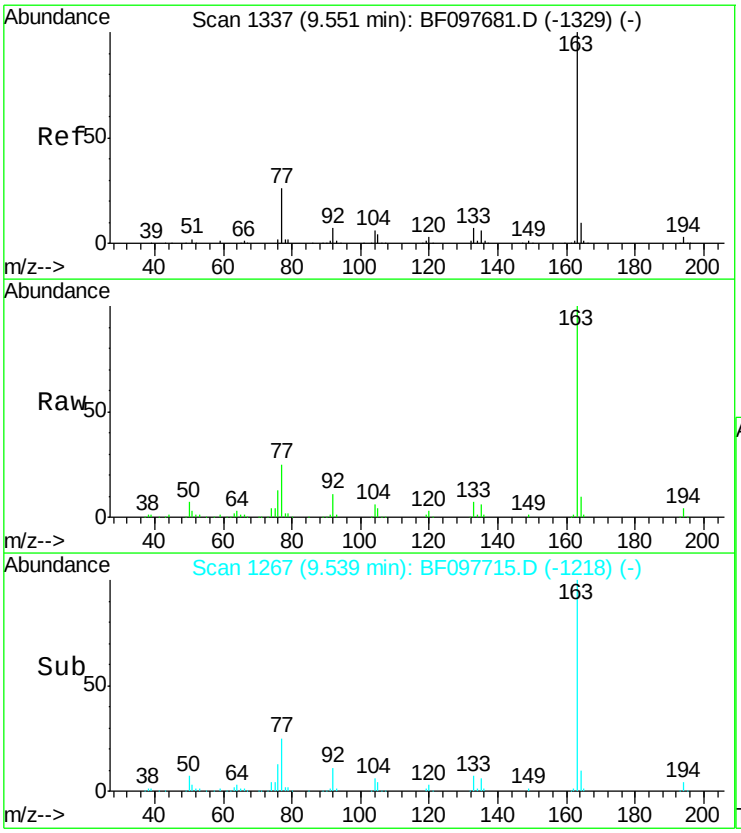
#44
2-Fluorobiphenyl
Concen: 56.40 ng
RT: 9.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:172 Resp: 742050

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.9	19.8	29.8

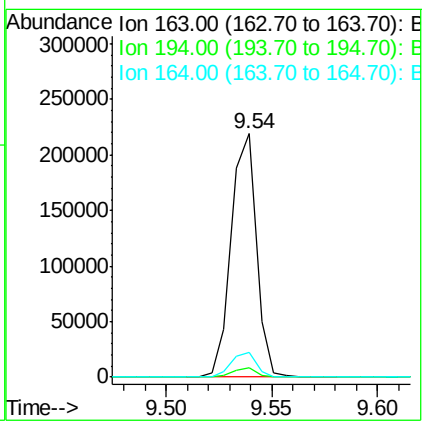


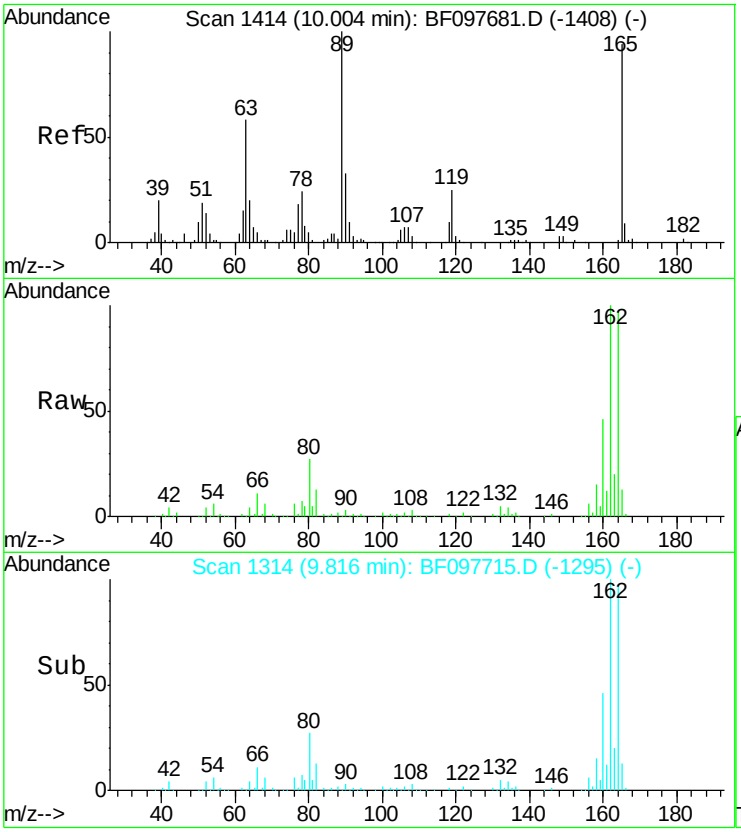


#49
Dimethylphthalate
Concen: 12.74 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion:163 Resp: 180039

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.9	8.4	12.6



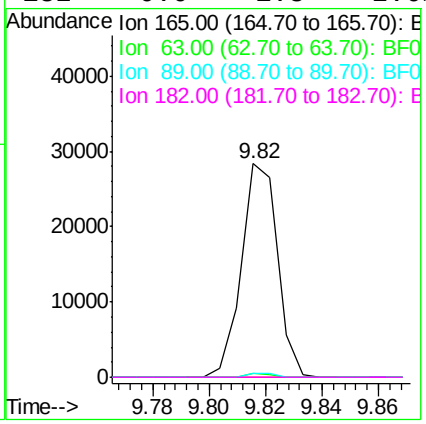


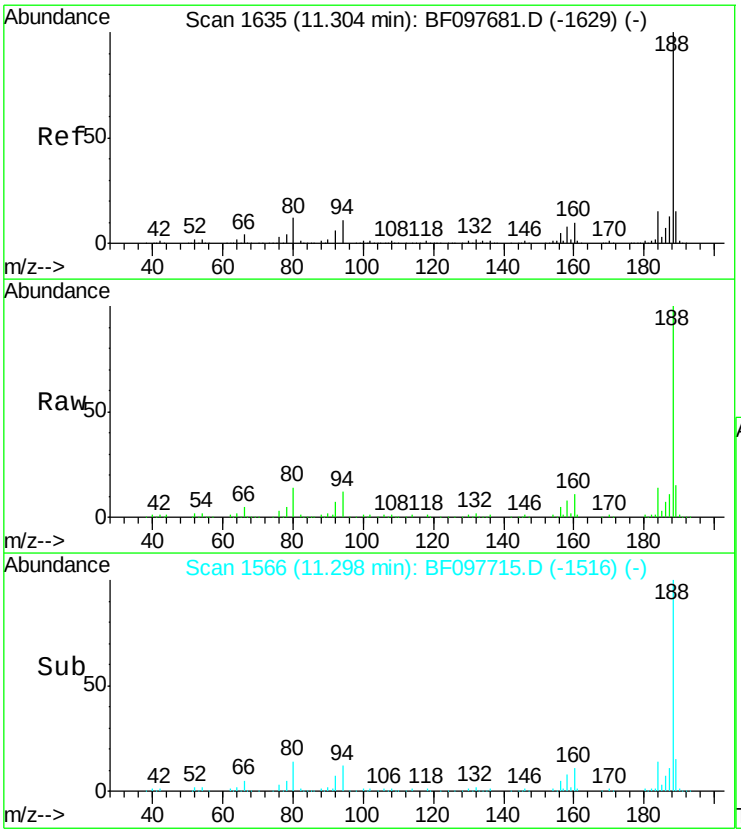
#56
2,4-Dinitrotoluene
Concen: 7.11 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:165 Resp: 25181

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

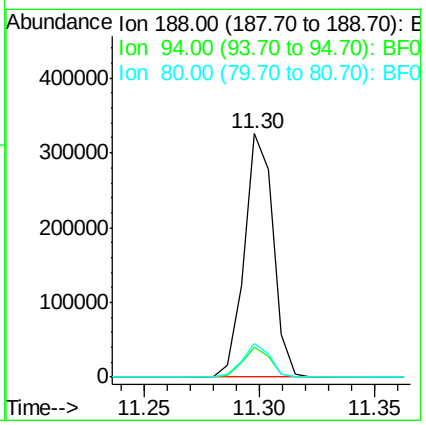


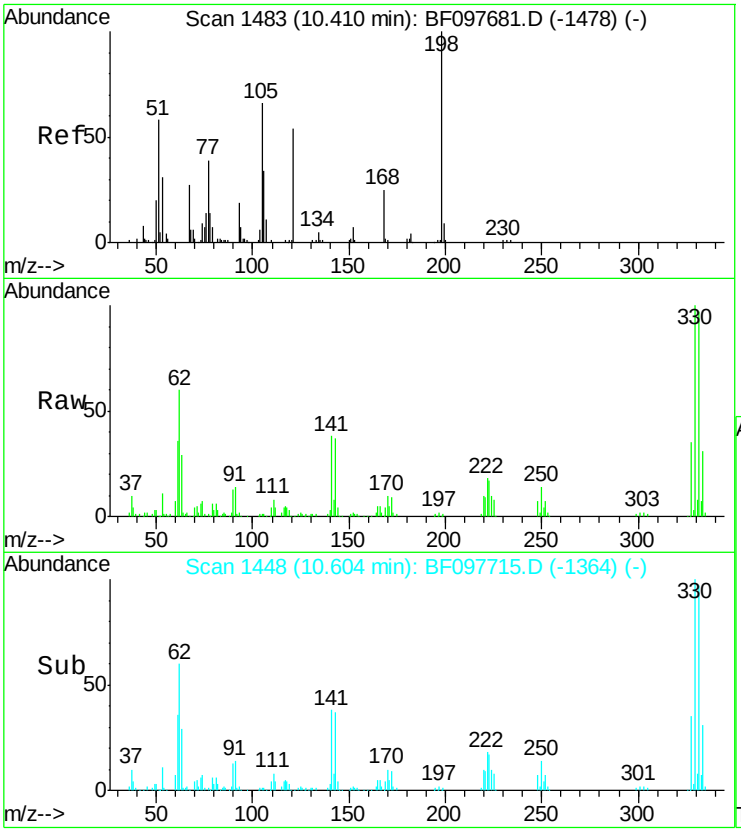


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion:188 Resp: 283048

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.9	10.2	15.2



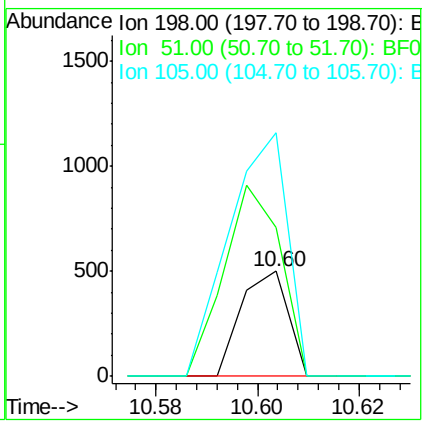


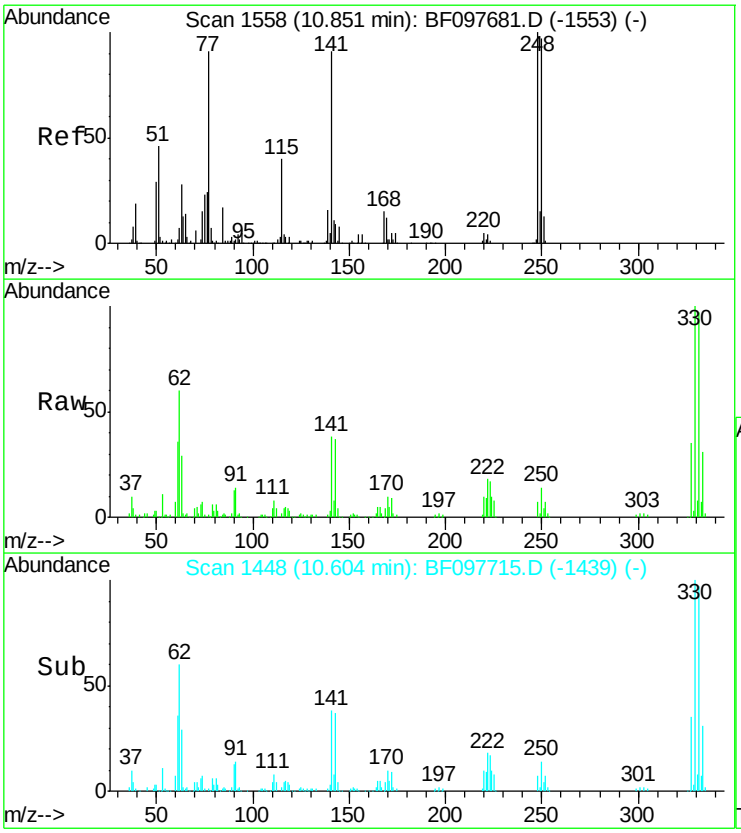
#64
4,6-Dinitro-2-methylphenol
Concen: 8.52 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.19 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:198 Resp: 322

Ion	Ratio	Lower	Upper
198	100		
51	142.5	53.2	93.2#
105	232.3	45.8	85.8#

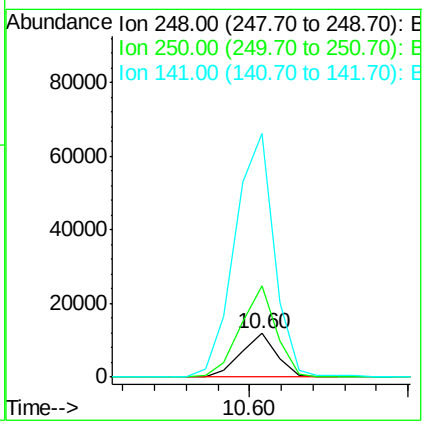


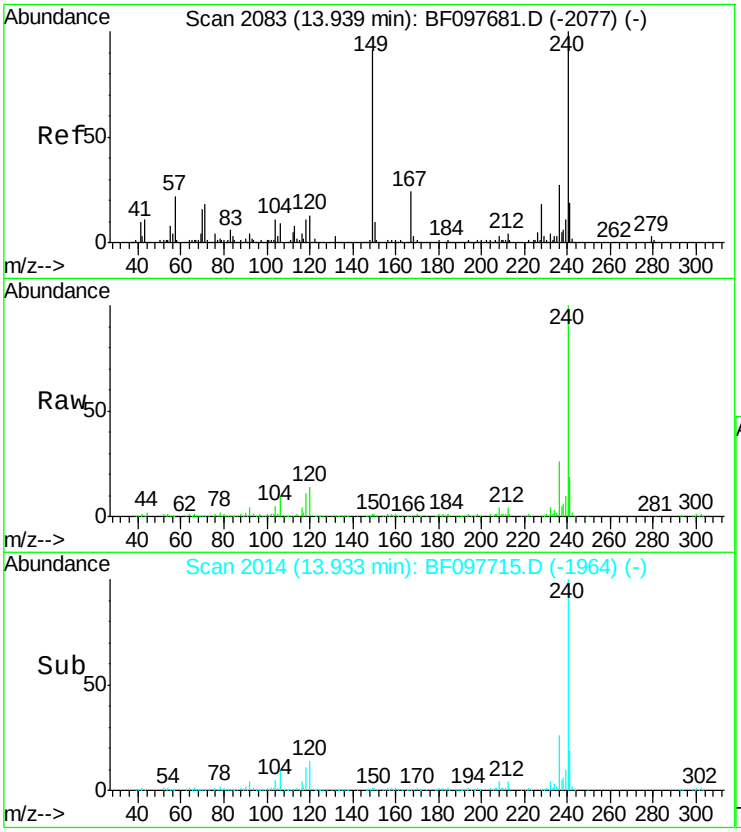


#66
4-Bromophenyl-phenylether
Concen: 3.11 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion:248 Resp: 9154

Ion	Ratio	Lower	Upper
248	100		
250	210.9	76.8	115.2#
141	559.0	68.6	103.0#



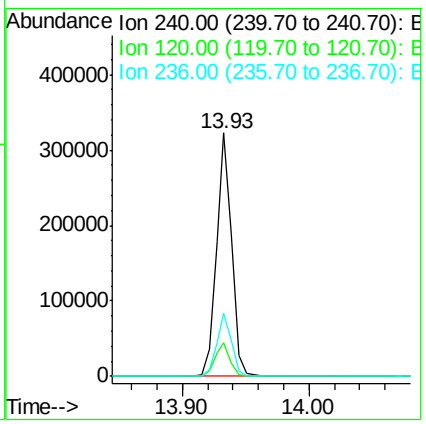


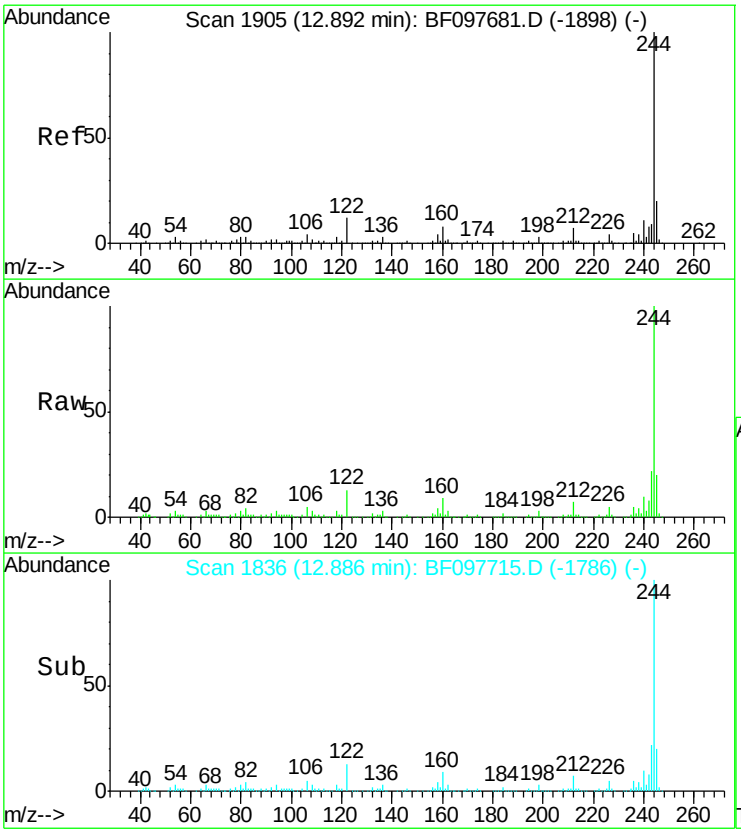
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:240 Resp: 270219

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.9	20.5	30.7

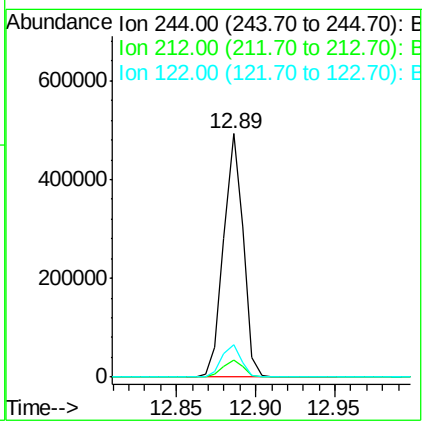


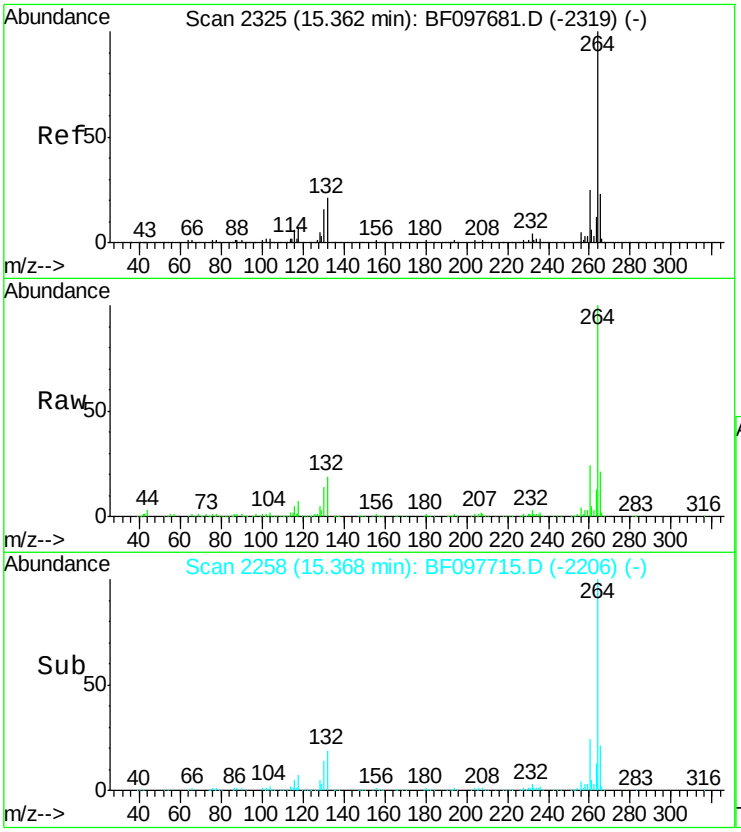


#78
Terphenyl-d14
Concen: 32.43 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion:244 Resp: 420217

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.3	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:264 Resp: 257677

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.3	17.2	25.8