Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097790.D
Acq On : 17 Aug 2017 17:09
Operator : SJ/JU
Sample : PB101563BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB101563BL

Quant Time: Aug 18 01:27:41 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	6.77	152	134592	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	532806	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	245984	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	485156	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	419862	20.00	ng	-0.02
86) Perylene-d12	15.35	264	294419	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1086992	122.85	ng	0.00
7) Phenol-d6	6.41	99	1443253	120.05	ng	0.00
23) Nitrobenzene-d5	7.33	82	878815	89.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	303090	142.01	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1360320	81.25	ng	-0.01
78) Terphenyl-d14	12.88	244	1284805	63.81	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	116986	14.21	ng	# 71
25) Isophorone	7.33	82	875181	42.91	ng	# 67
49) Dimethylphthalate	9.81	163	69210	3.85	ng	# 1
50) 2,6-Dinitrotoluene	9.81	165	30166	8.40	ng	# 34
56) 2,4-Dinitrotoluene	9.81	165	30166	6.70	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	779	8.60	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	20017	3.97	ng	# 1

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

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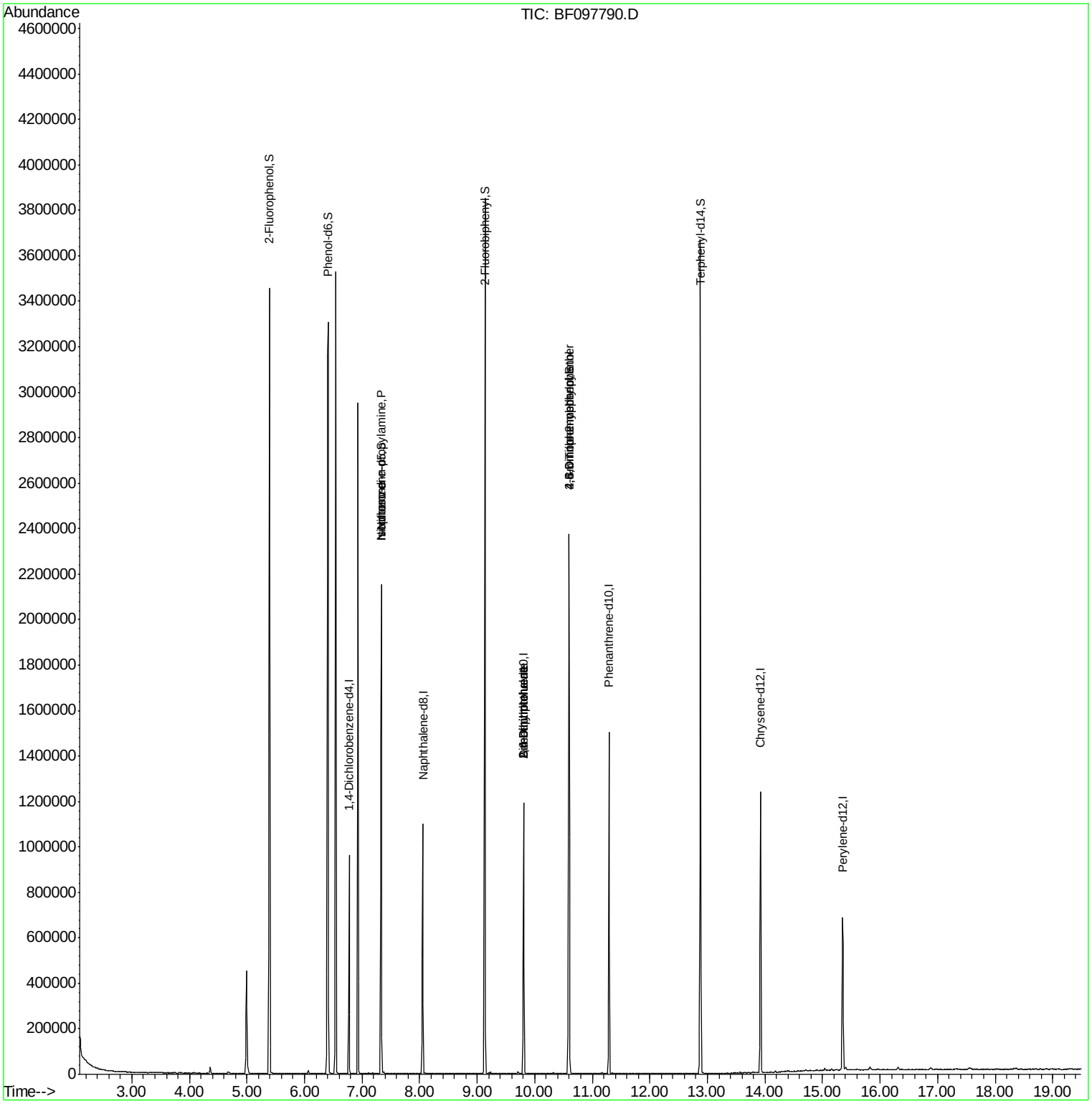
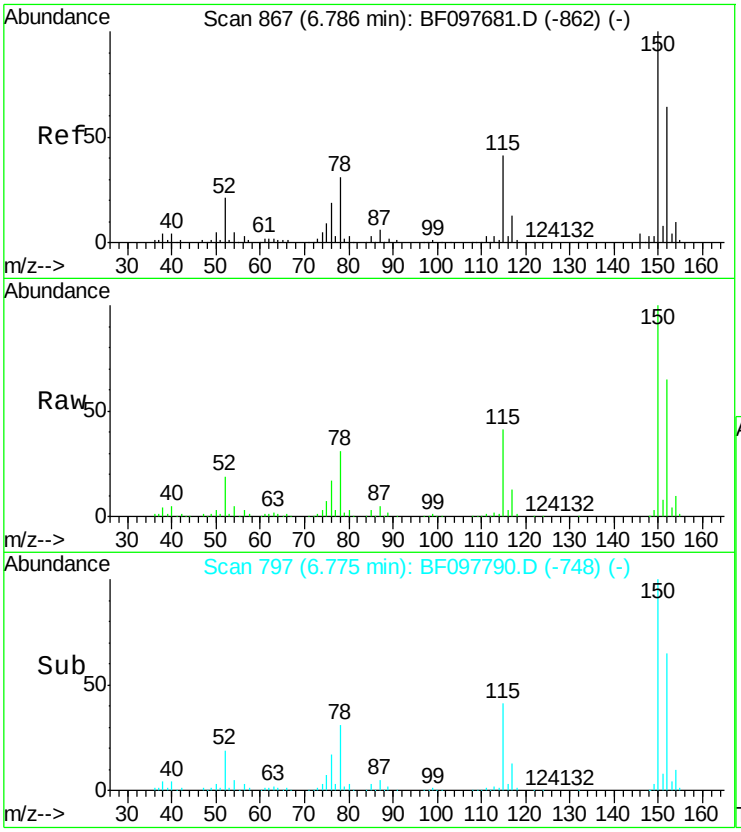


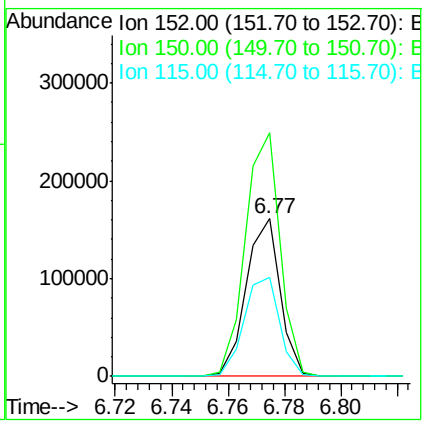


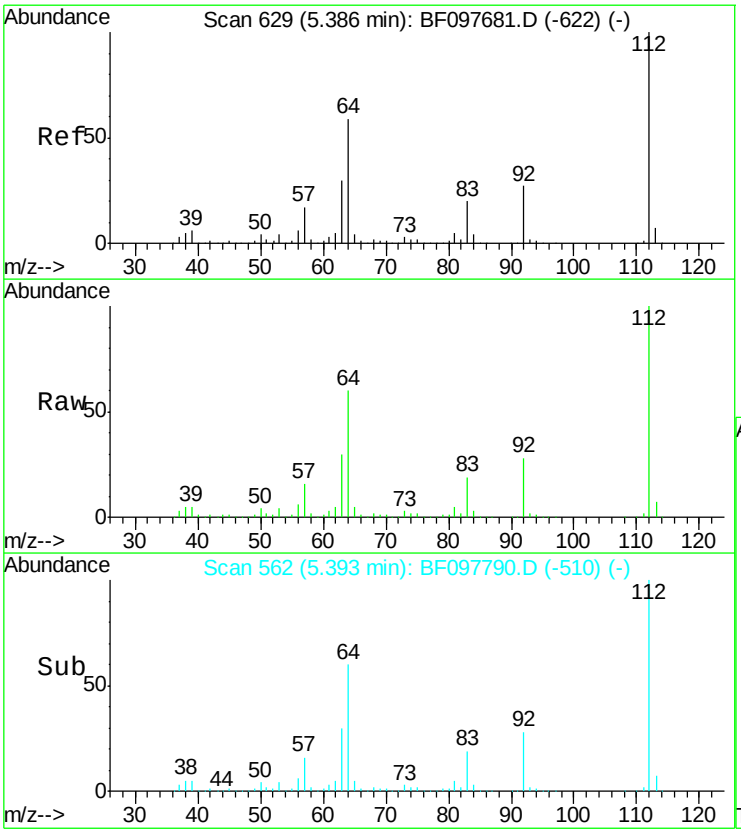
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

Tgt Ion:152 Resp: 134592

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	62.8	52.2	78.2

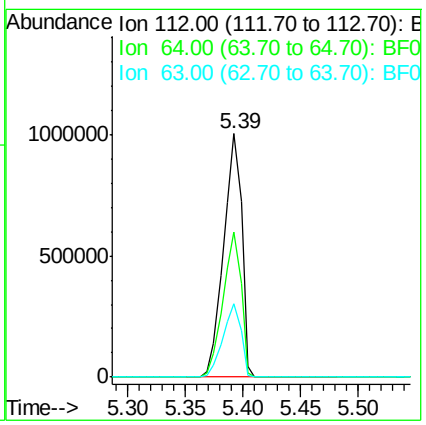


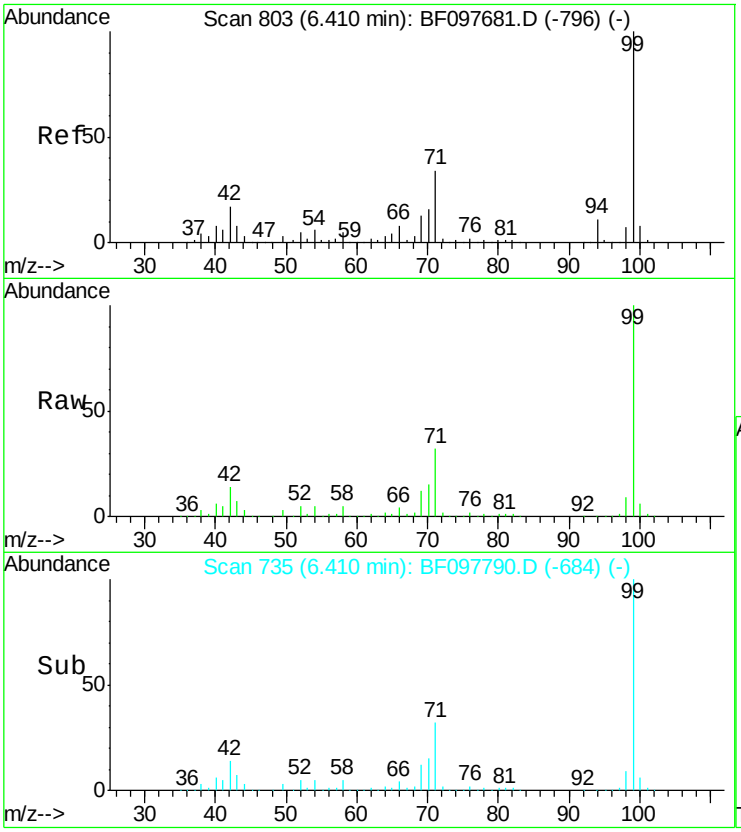


#5
2-Fluorophenol
Concen: 122.85 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion:112 Resp: 1086992

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.0	69.0
63	30.0	23.4	35.0



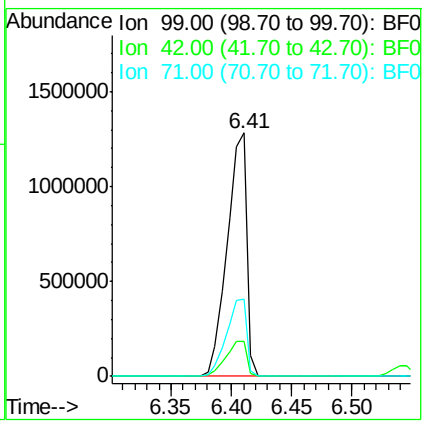


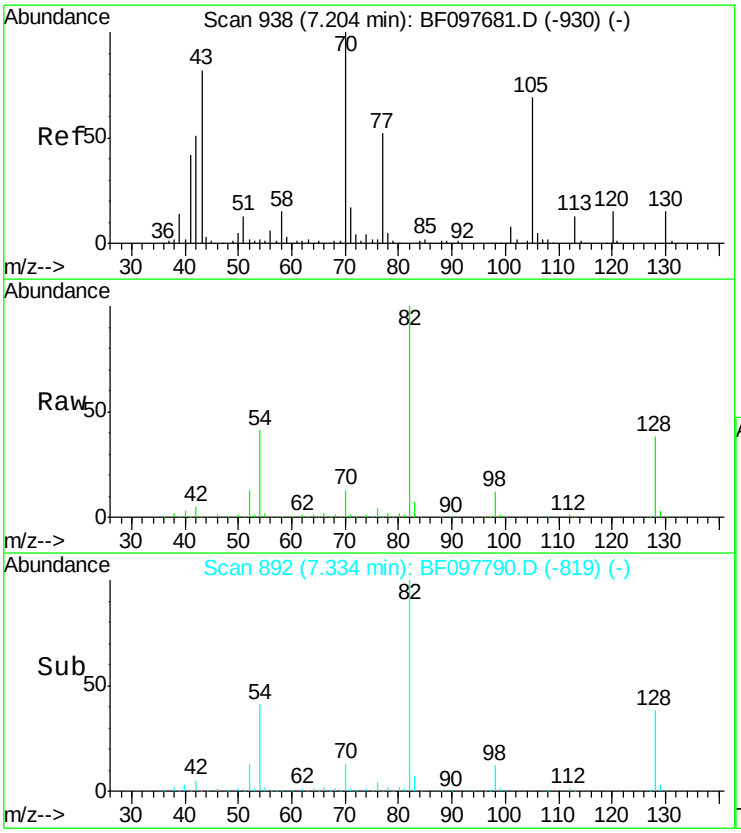
#7
Phenol-d6
Concen: 120.05 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

Tgt Ion: 99 Resp: 1443253

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.5	20.3
71	31.7	24.5	36.7

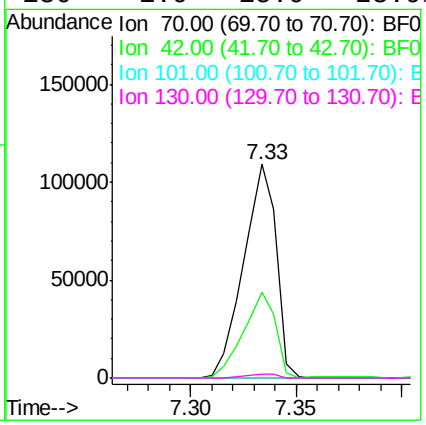


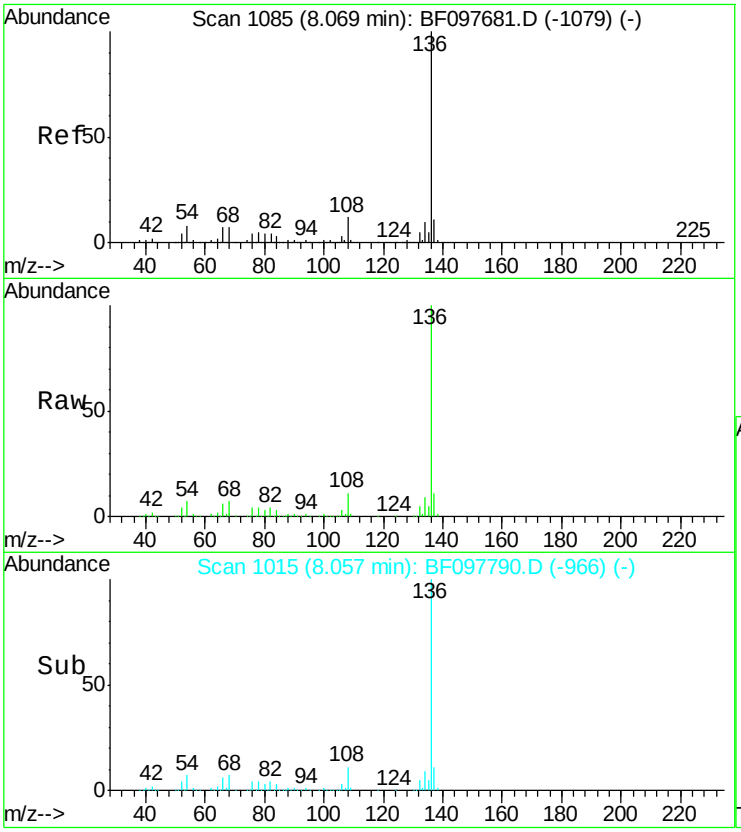


#19
n-Nitroso-di-n-propylamine
Concen: 14.21 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.13 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion: 70 Resp: 116986

Ion	Ratio	Lower	Upper
70	100		
42	39.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



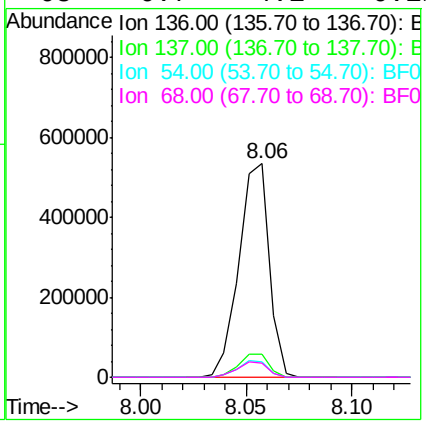


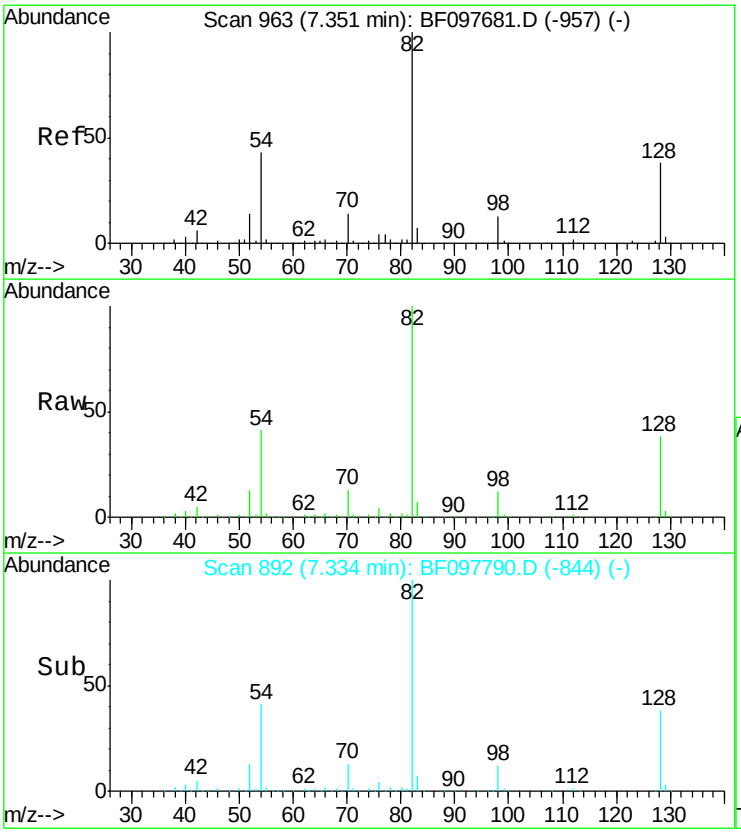
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

Tgt Ion:136 Resp: 532806

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	6.7	4.1	6.1#

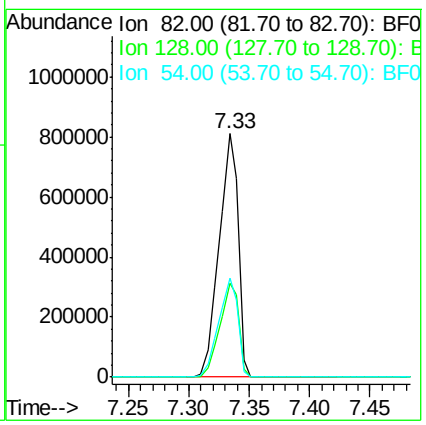


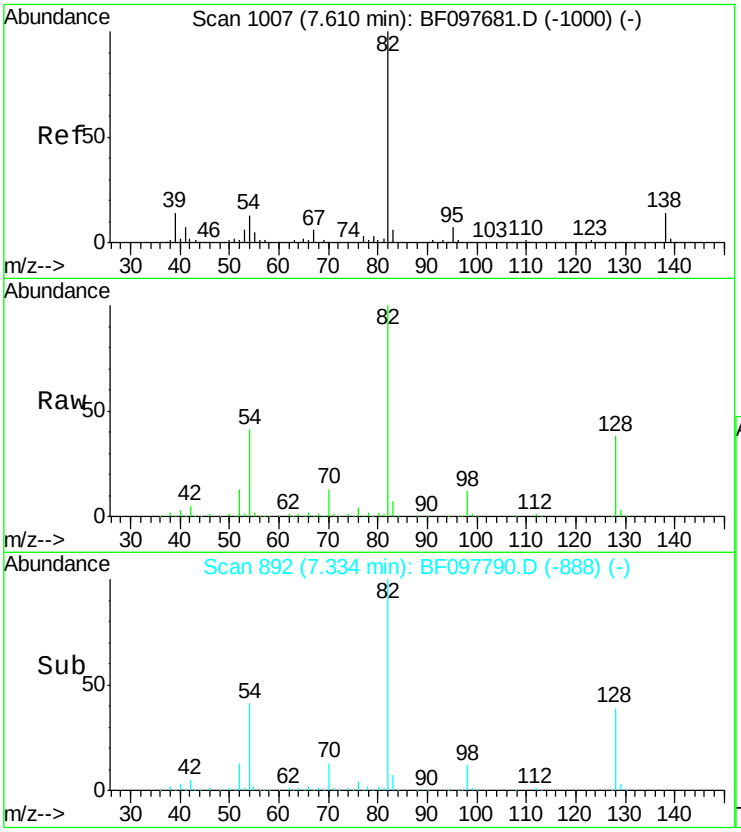


#23
Nitrobenzene-d5
Concen: 89.60 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion: 82 Resp: 878815

Ion	Ratio	Lower	Upper
82	100		
128	38.4	34.0	51.0
54	40.7	42.2	63.2#



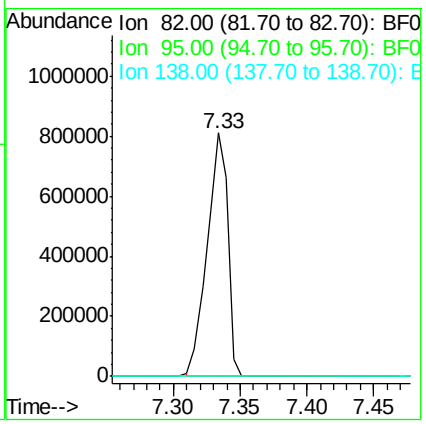


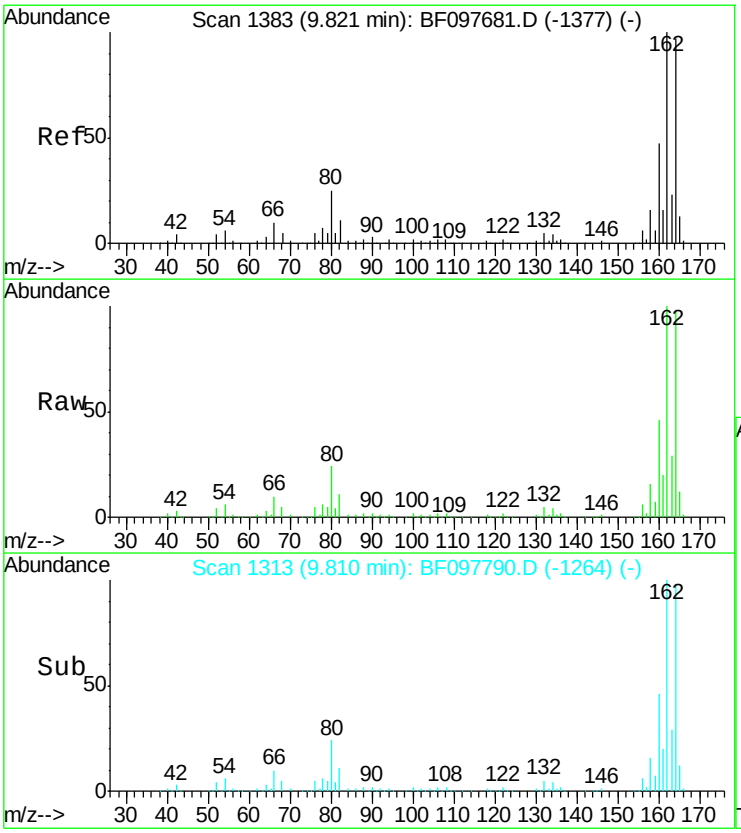
#25
Isophorone
Concen: 42.91 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

Tgt Ion: 82 Resp: 875181

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

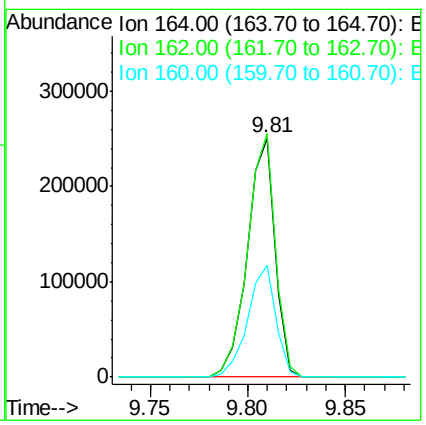


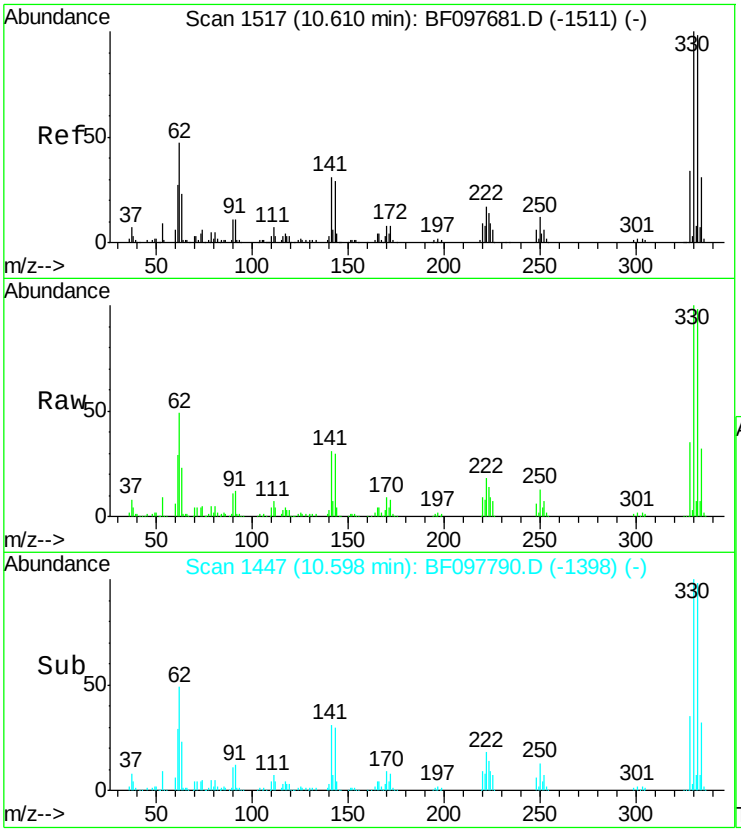


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion:164 Resp: 245984

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	46.9	36.2	54.2



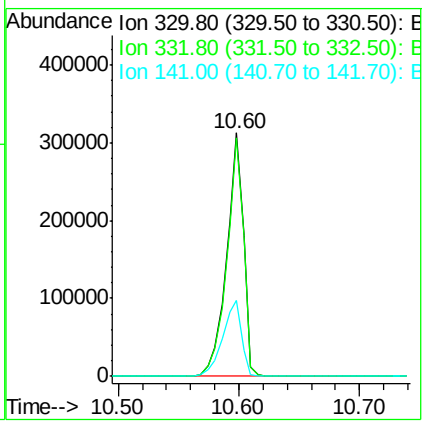


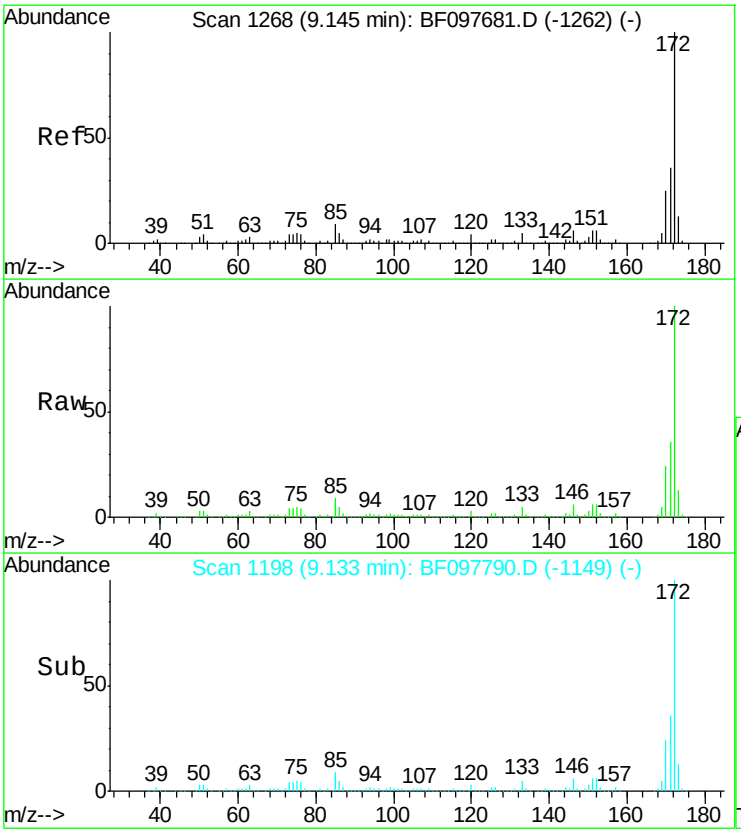
#41
2,4,6-Tribromophenol
Concen: 142.01 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

Tgt Ion:330 Resp: 303090

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	34.6	31.4	47.2

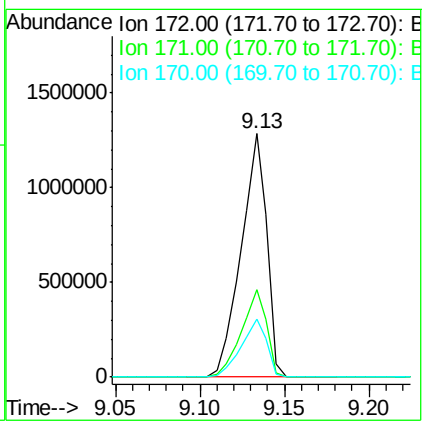


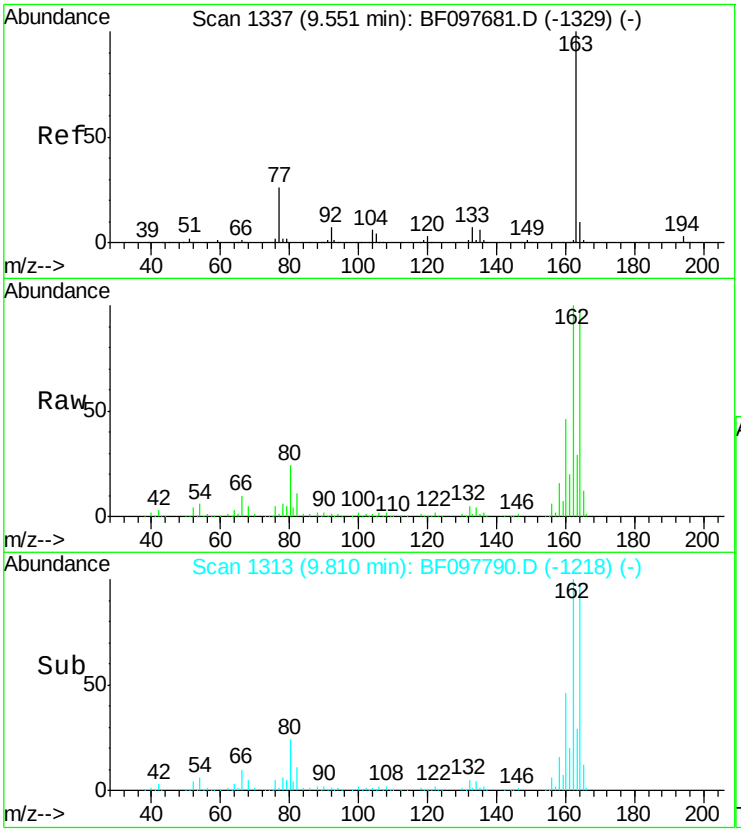


#44
2-Fluorobiphenyl
Concen: 81.25 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion:172 Resp: 1360320

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8



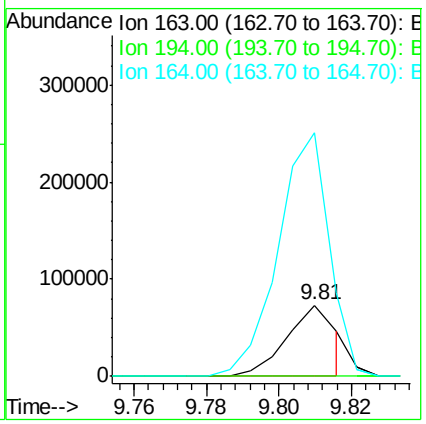


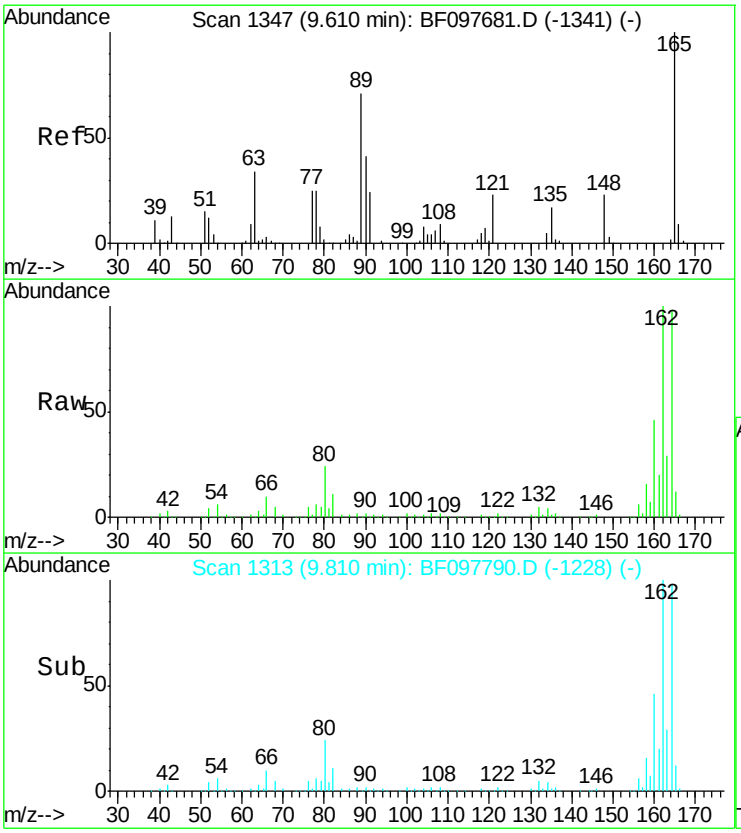
#49
Dimethylphthalate
Concen: 3.85 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.26 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

Tgt Ion:163 Resp: 69210

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	342.2	8.4	12.6#

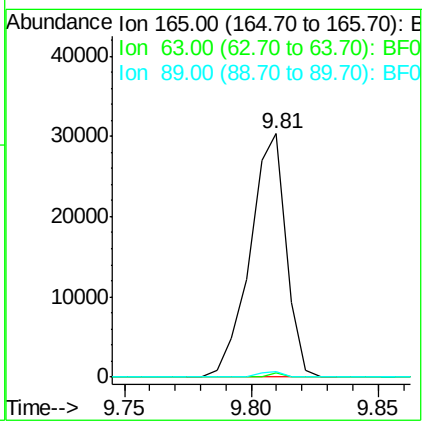


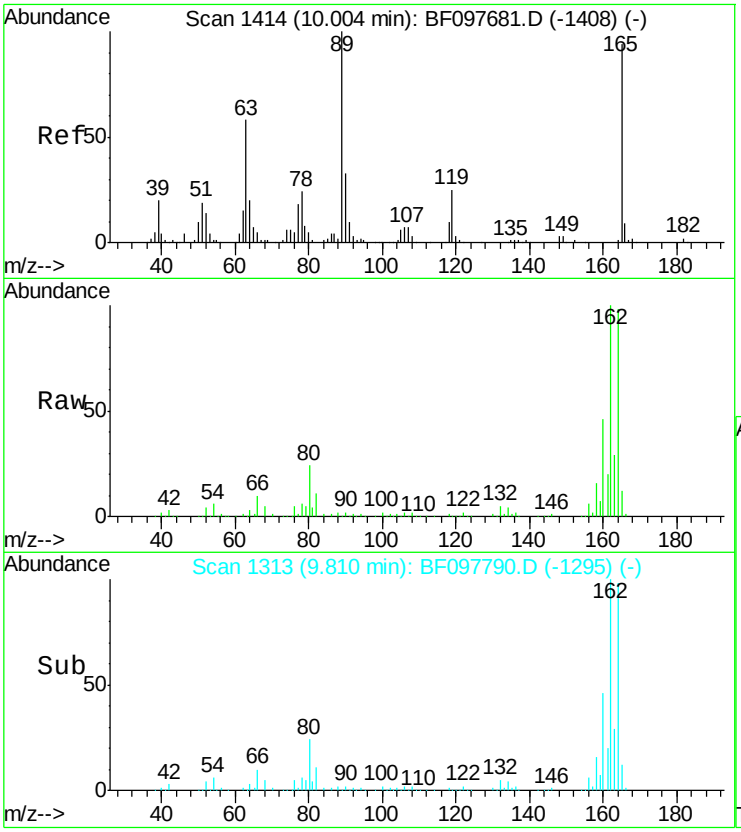


#50
2,6-Dinitrotoluene
Concen: 8.40 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.20 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion:165 Resp: 30166

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.1	37.1	55.7#



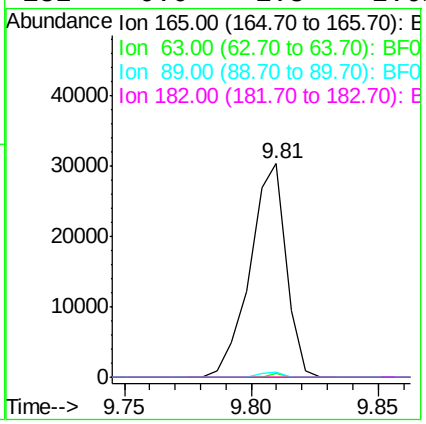


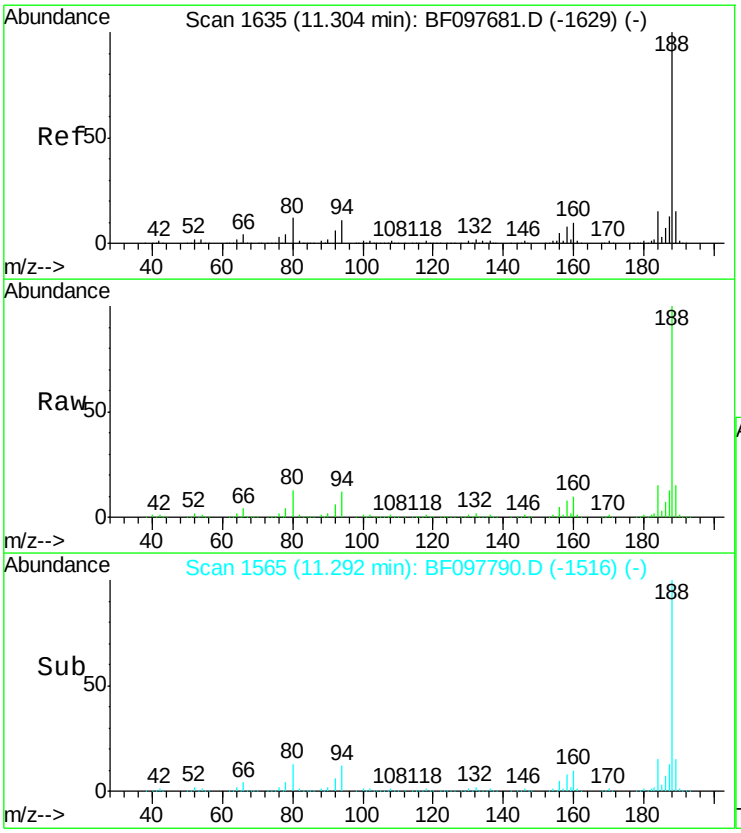
#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument : BNA_F
ClientSampleId : PB101563BL

Tgt Ion:165 Resp: 30166

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

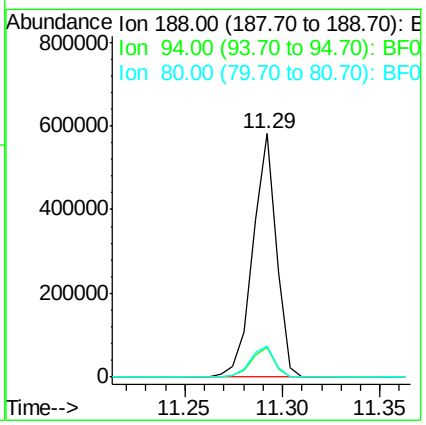


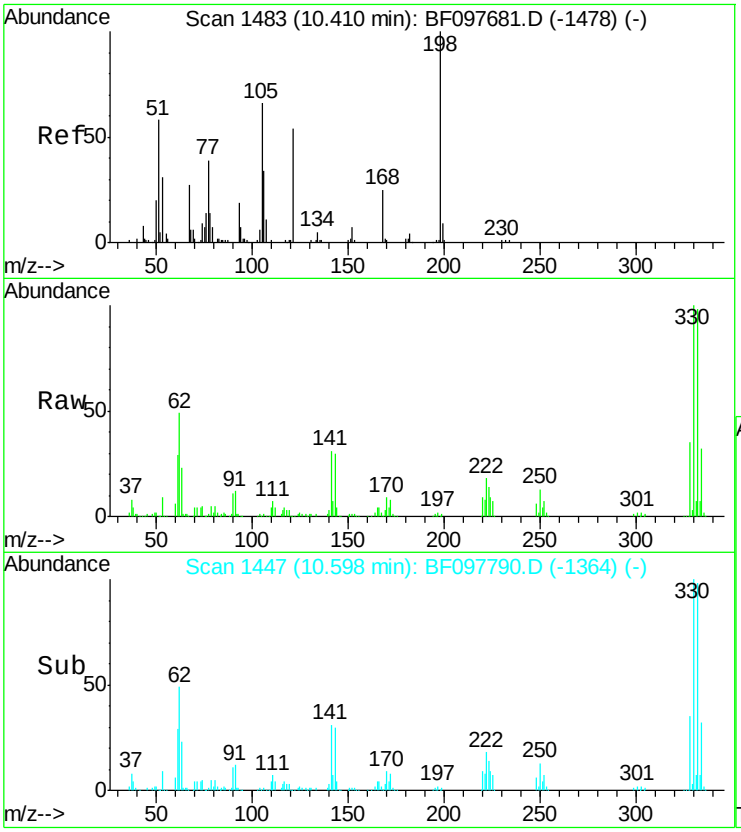


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion:188 Resp: 485156

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.6	10.2	15.2



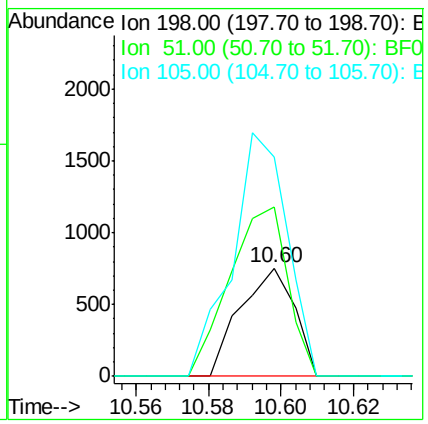


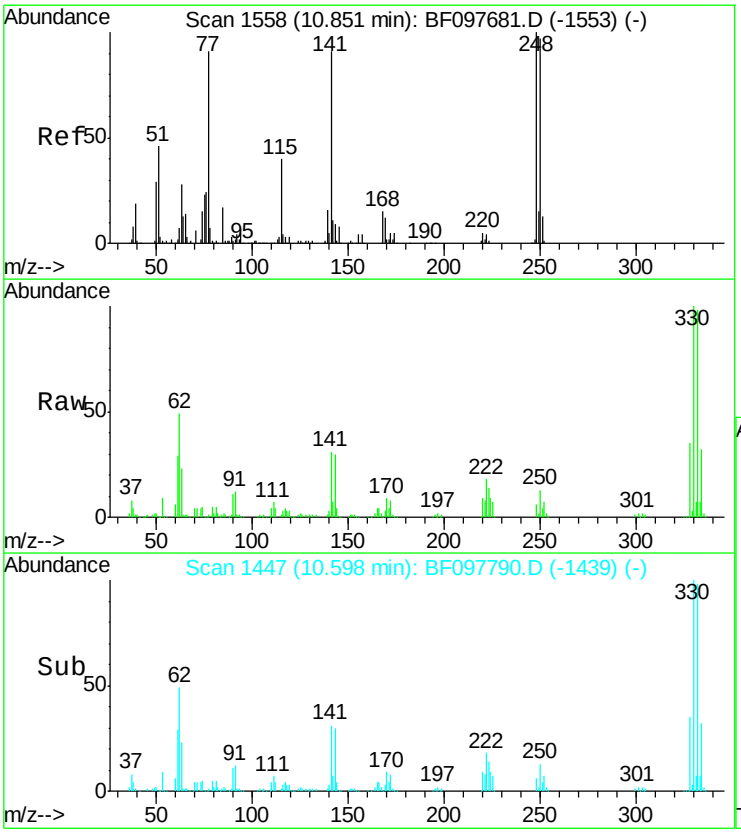
#64
4,6-Dinitro-2-methylphenol
Concen: 8.60 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

Tgt Ion:198 Resp: 779

Ion	Ratio	Lower	Upper
198	100		
51	156.8	53.2	93.2#
105	203.1	45.8	85.8#

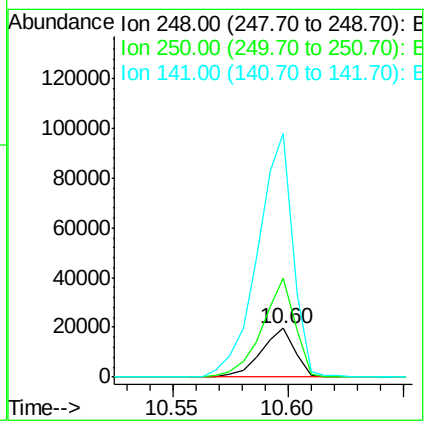


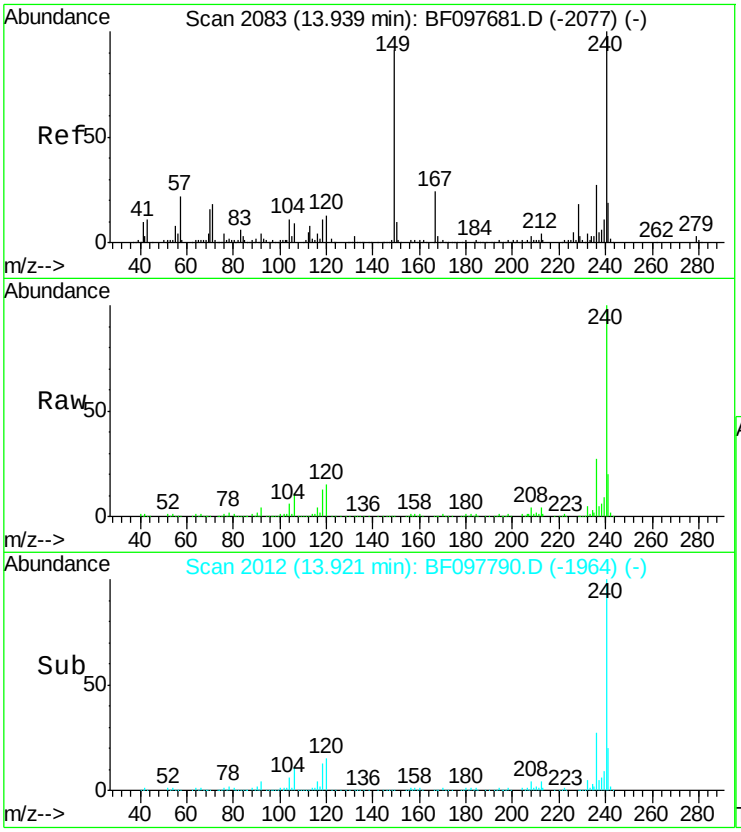


#66
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion:248 Resp: 20017

Ion	Ratio	Lower	Upper
248	100		
250	204.6	76.8	115.2#
141	500.0	68.6	103.0#



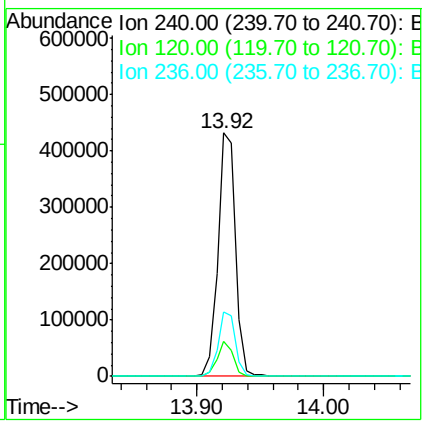


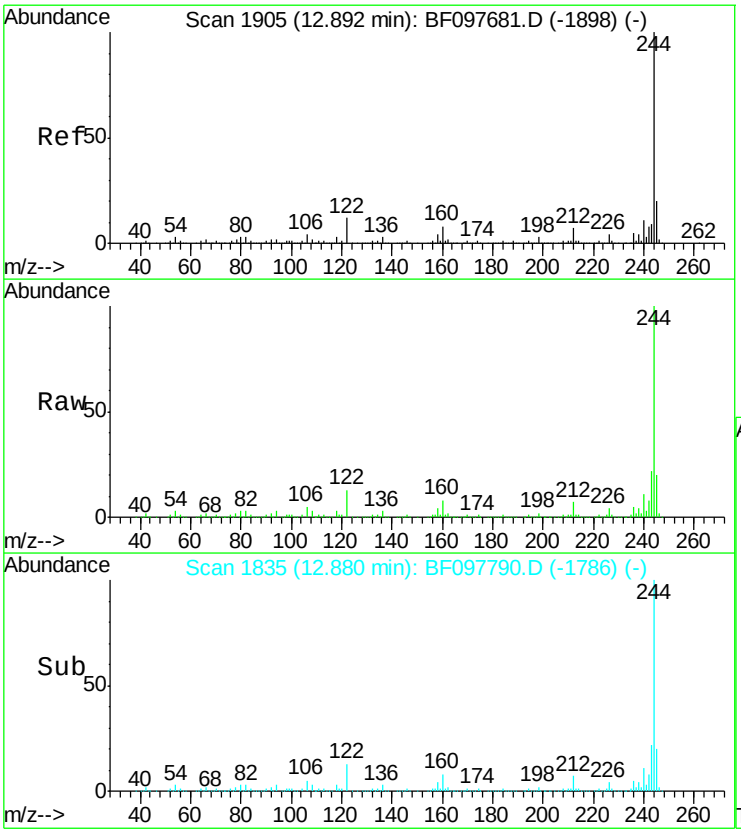
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

Tgt Ion:240 Resp: 419862

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	26.6	20.5	30.7

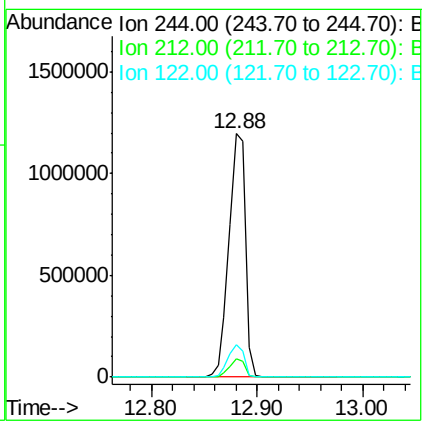


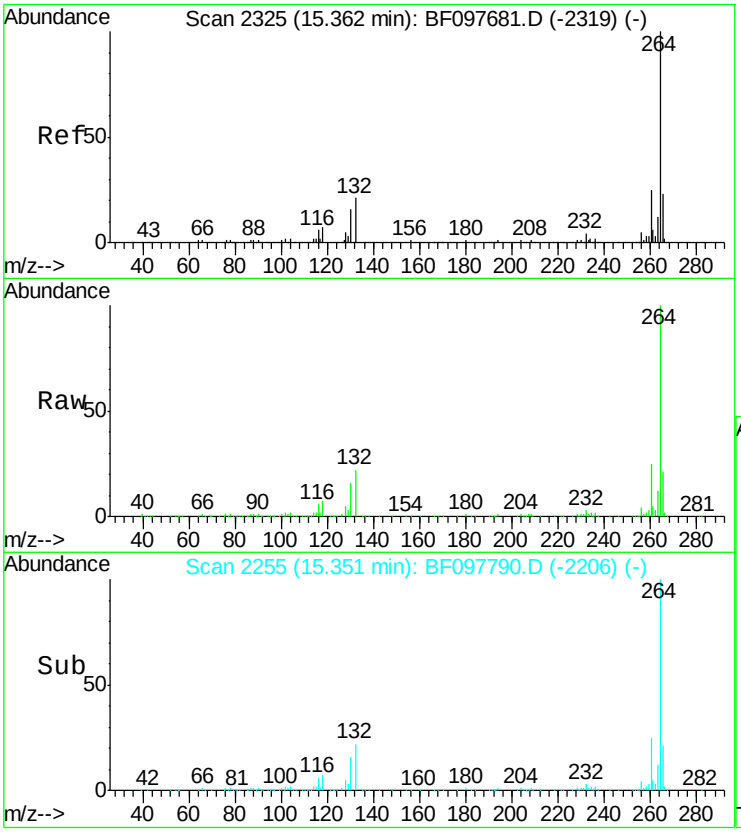


#78
Terphenyl-d14
Concen: 63.81 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion:244 Resp: 1284805

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.3	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

Tgt Ion:264 Resp: 294419

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.4	17.2	25.8