Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097140.D
Acq On : 27 Jul 2017 23:29
Operator : SJ/JU
Sample : I4444-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-072517-A

Quant Time: Jul 28 00:46:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	113638	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	441281	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	154941	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	219910	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	191814	20.00	ng		-0.02
86) Perylene-d12	14.96	264	160091	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	160454	21.29	ng		-0.02
7) Phenol-d6	6.15	99	184613	21.45	ng		-0.02
23) Nitrobenzene-d5	7.05	82	113547	15.09	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	26114	21.33	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	166712	18.26	ng		-0.02
78) Terphenyl-d14	12.57	244	94670	10.06	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.05	70	15139	2.67	ng	#	82
25) Isophorone	7.05	82	111152	7.55	ng	#	67
31) Naphthalene	7.79	128	210082	10.10	ng		98
33) 4-Chloroaniline	7.79	127	26537	3.14	ng	#	32
49) Dimethylphthalate	9.25	163	32769	2.79	ng		98
50) 2,6-Dinitrotoluene	9.51	165	21304	8.54	ng	#	34
56) 2,4-Dinitrotoluene	9.51	165	21304	7.43	ng	#	34
59) Diethylphthalate	9.94	149	26795	2.48	ng		97

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

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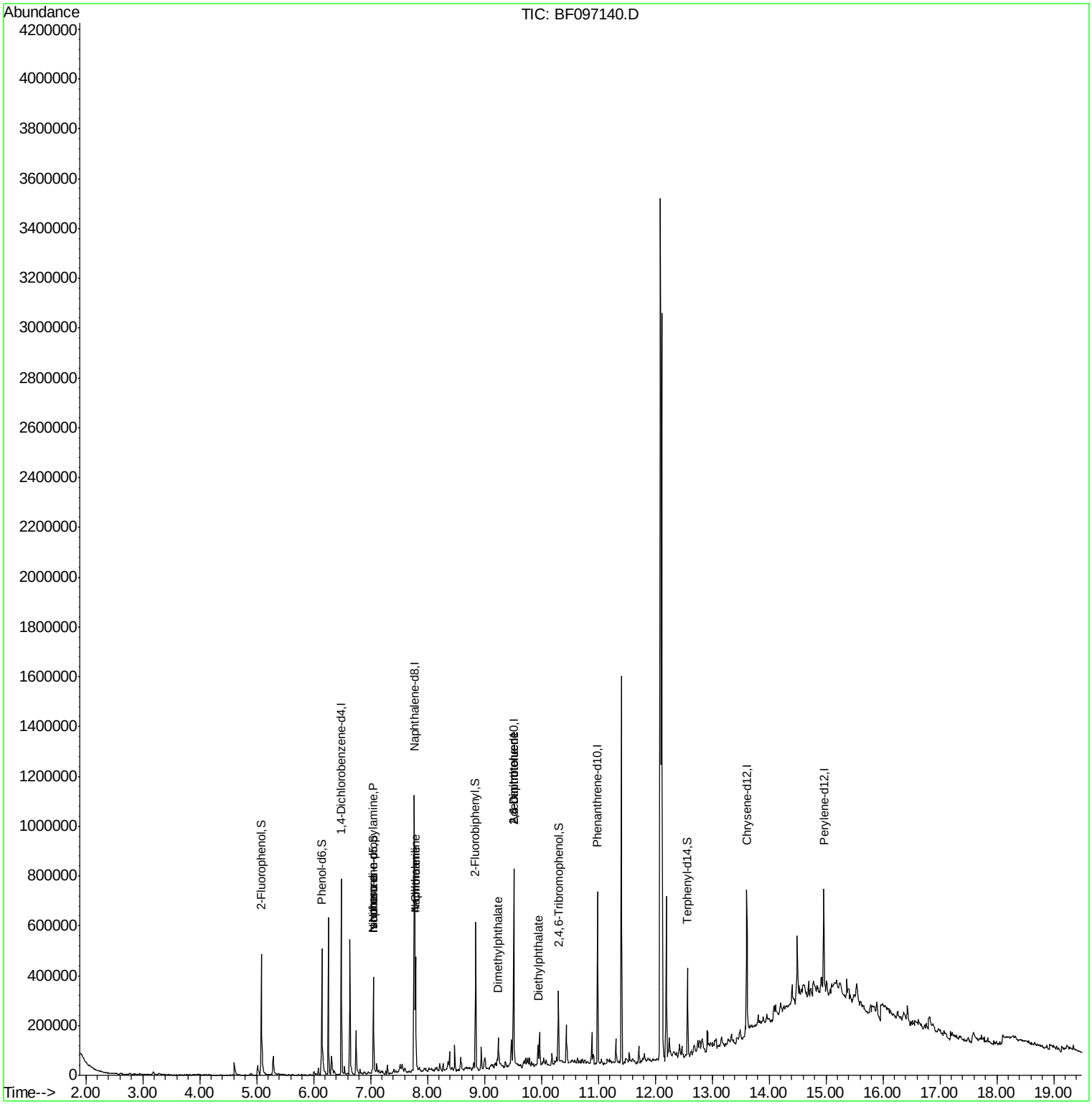
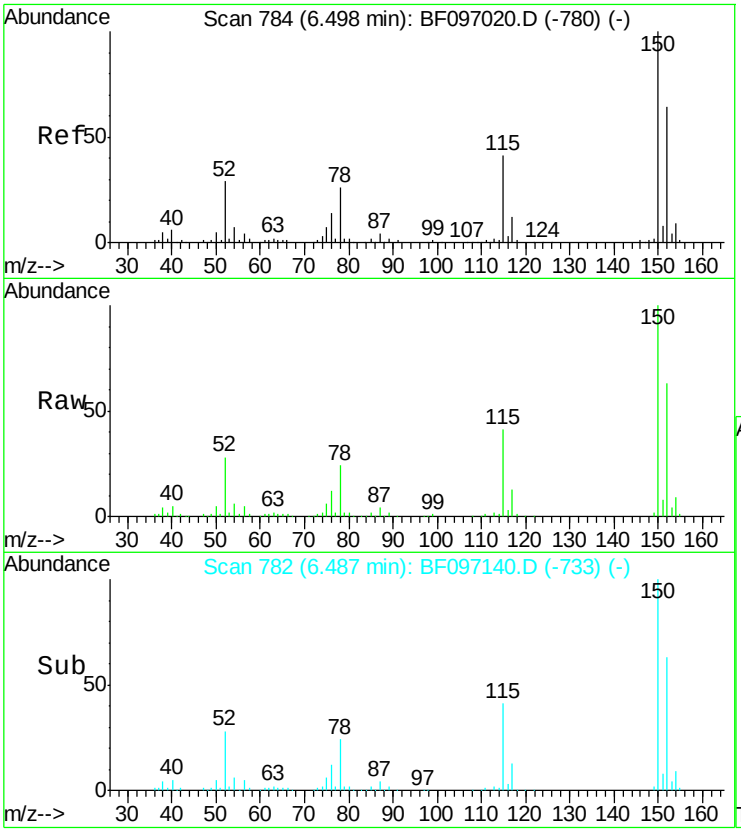


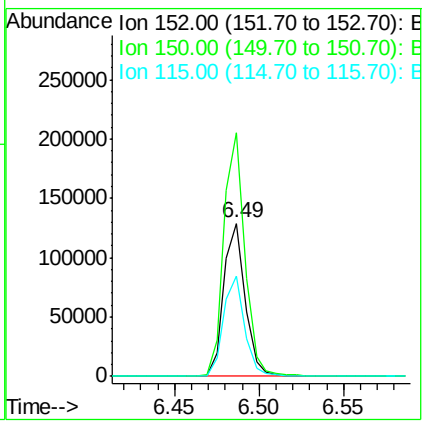


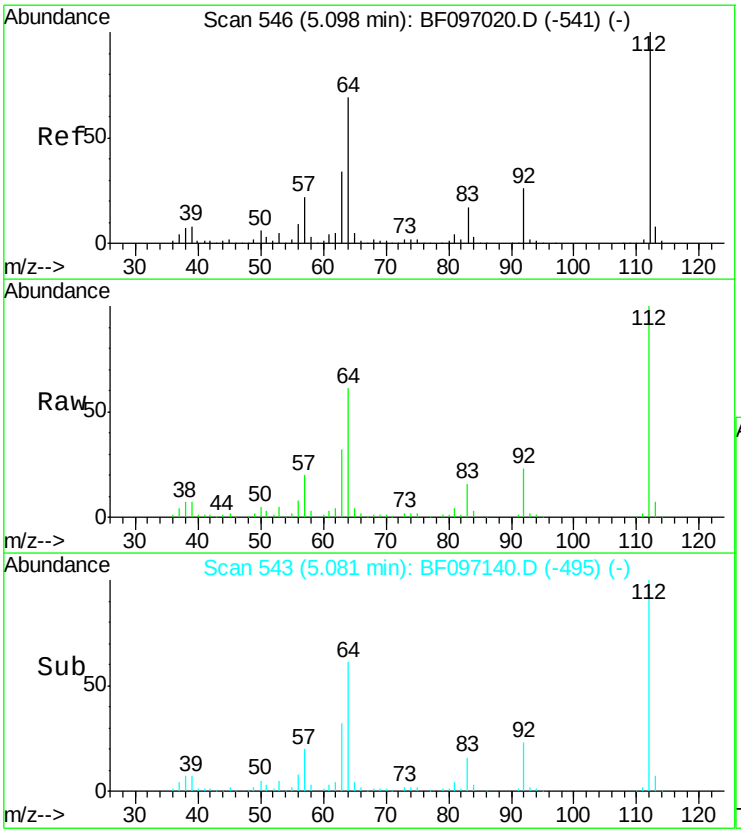
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion:152 Resp: 113638

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	65.1	52.2	78.2

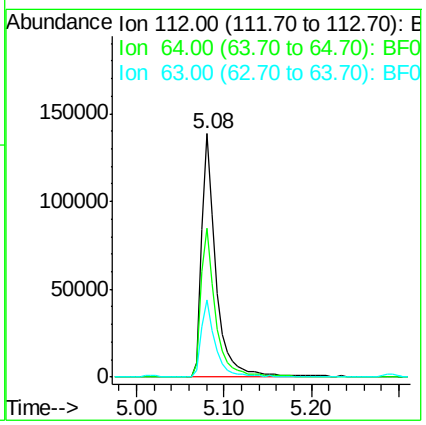


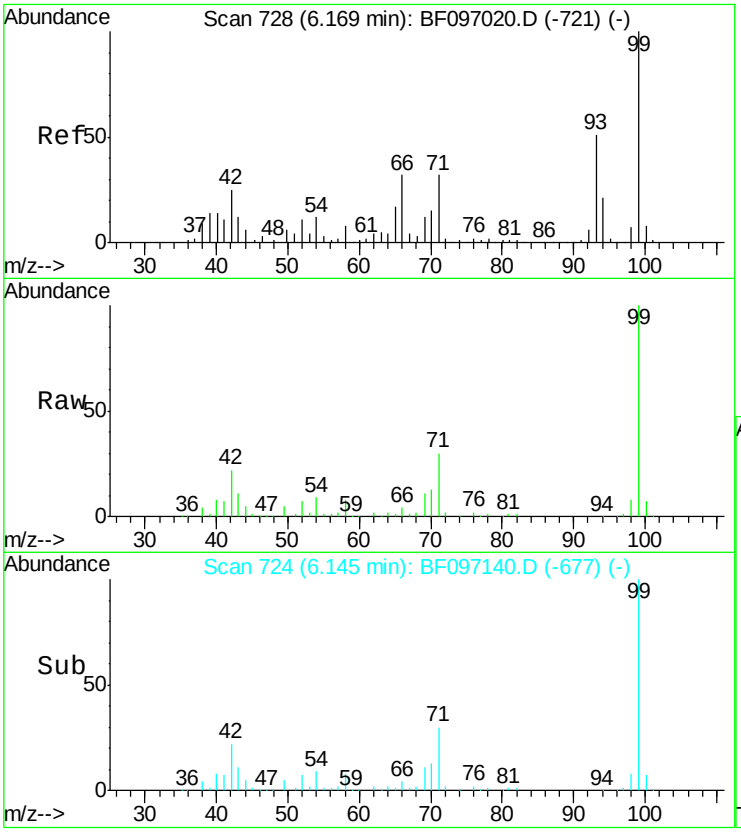


#5
2-Fluorophenol
Concen: 21.29 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion:112 Resp: 160454

Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.0	69.0
63	31.8	23.4	35.0



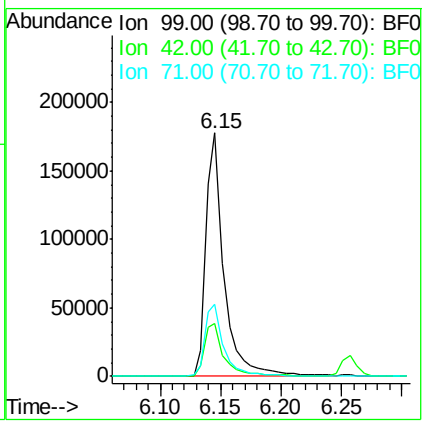


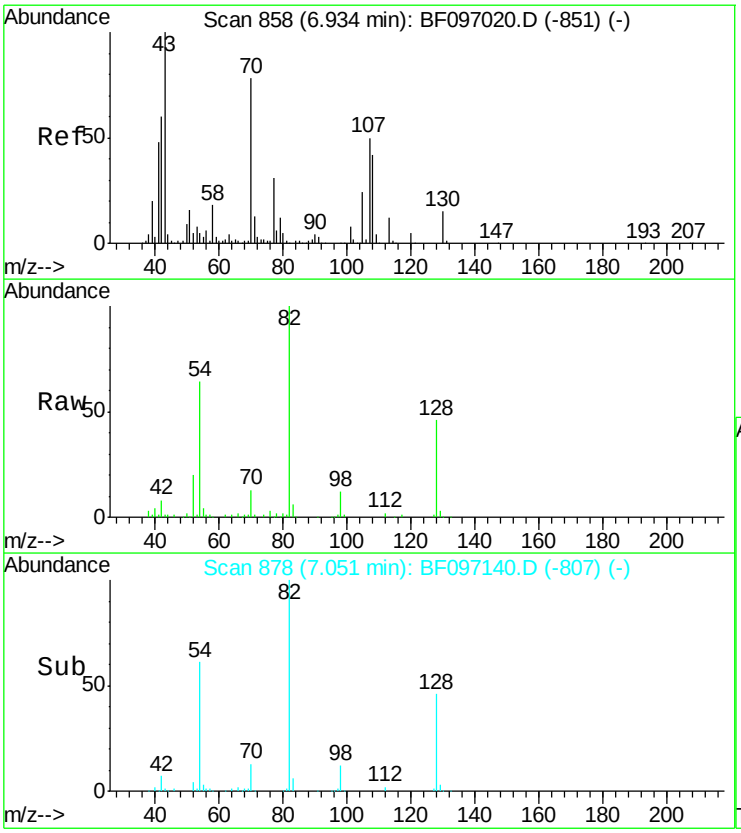
#7
Phenol-d6
Concen: 21.45 ng
RT: 6.15 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion: 99 Resp: 184613

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	29.9	24.5	36.7

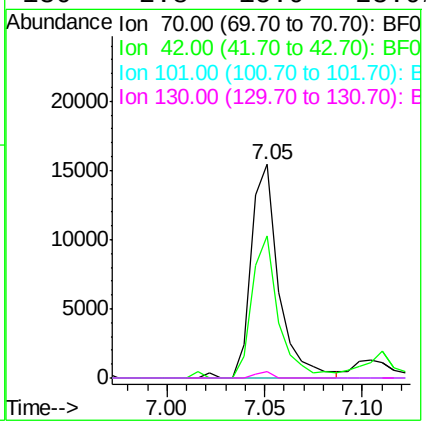


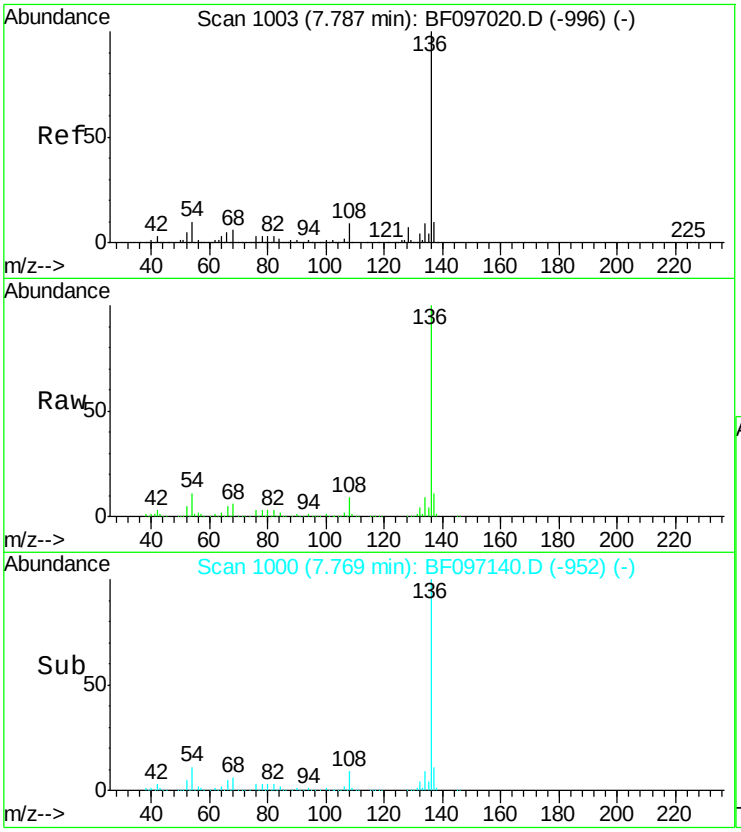


#19
n-Nitroso-di-n-propylamine
Concen: 2.67 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion: 70 Resp: 15139

Ion	Ratio	Lower	Upper
70	100		
42	66.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#



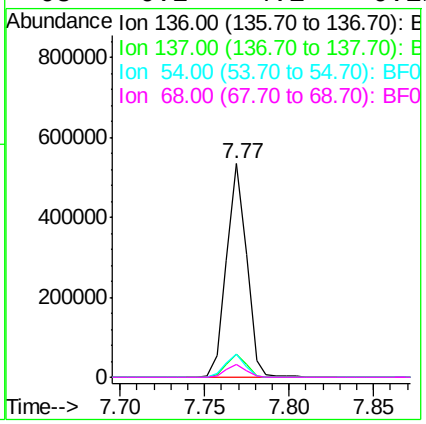


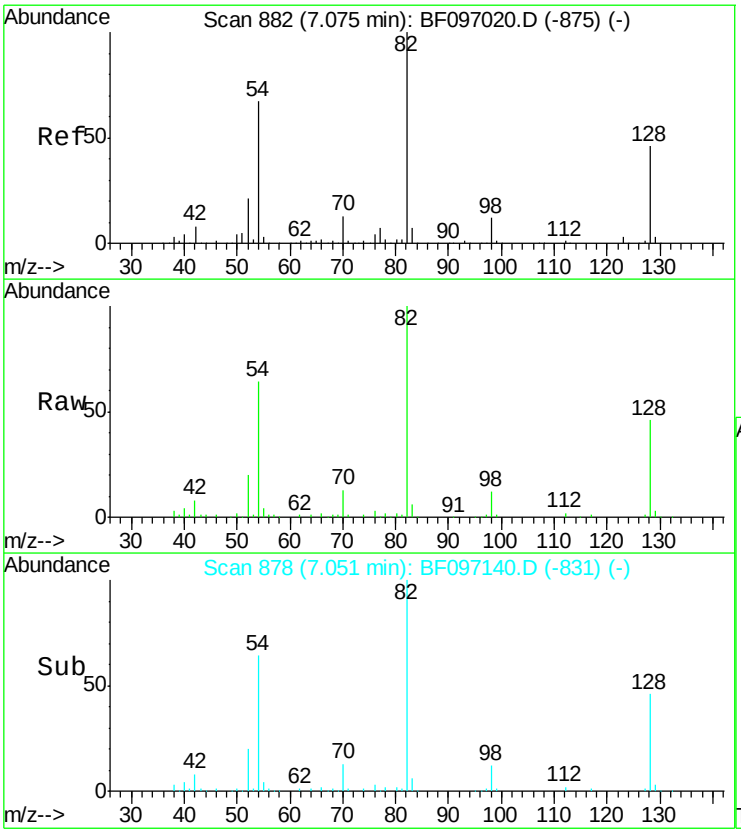
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion:136 Resp: 441281

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.7	4.9	7.3#
68	6.2	4.1	6.1#

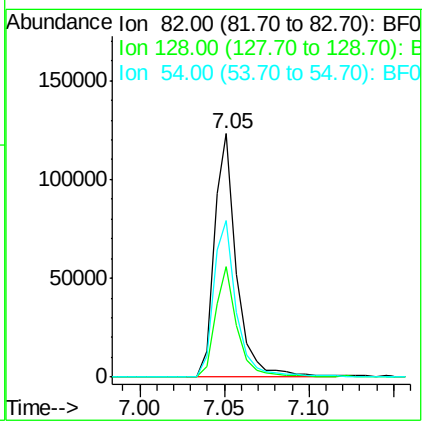


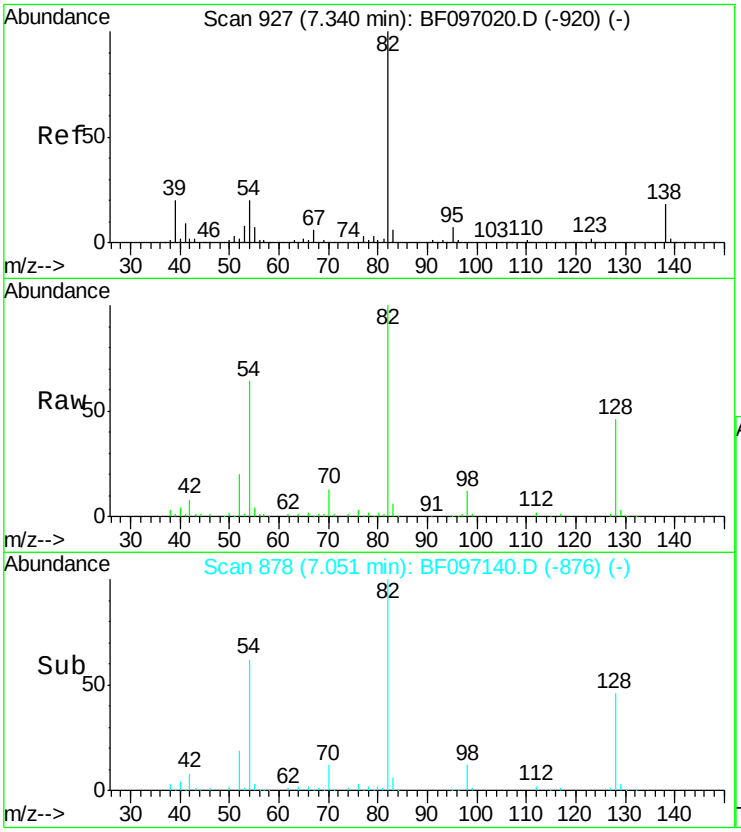


#23
Nitrobenzene-d5
Concen: 15.09 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion: 82 Resp: 113547

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	64.3	42.2	63.2#



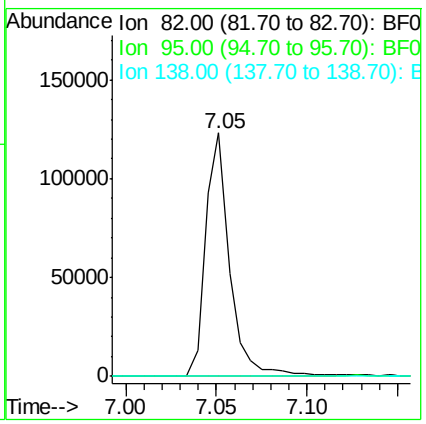


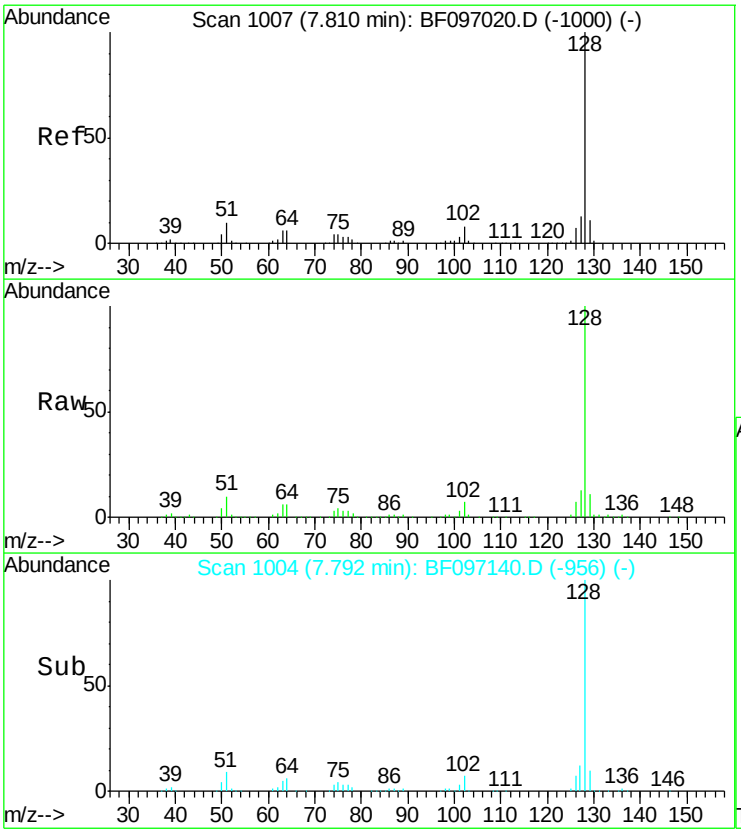
#25
Isophorone
Concen: 7.55 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion: 82 Resp: 111152

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.3	7.9#
138	0.0	13.1	19.7#

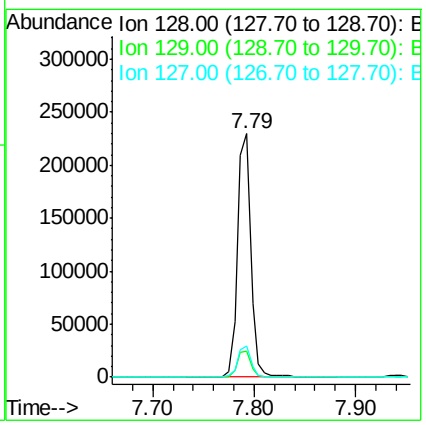


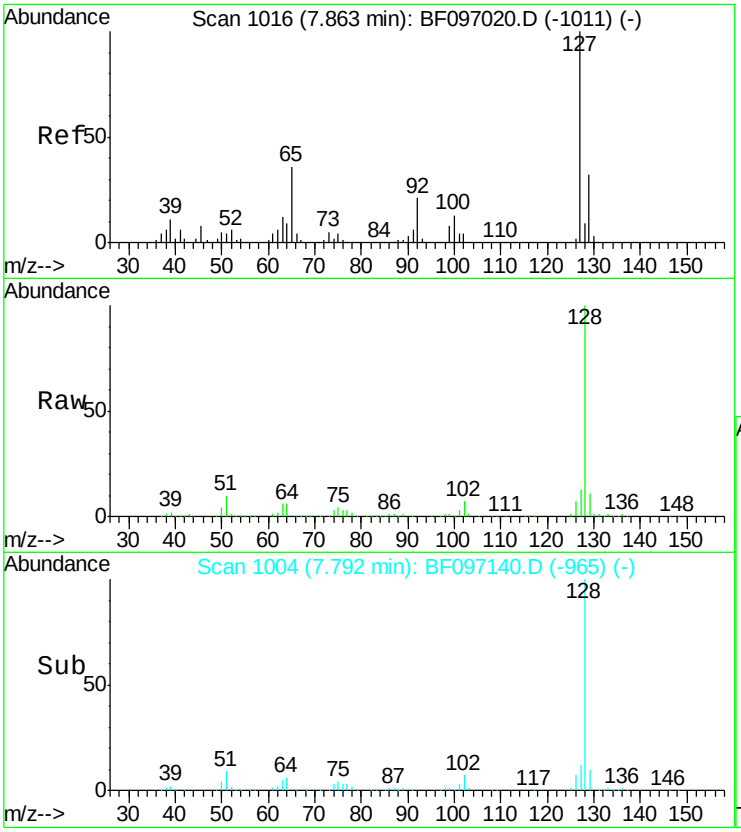


#31
Naphthalene
Concen: 10.10 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion:128 Resp: 210082

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	12.6	10.8	16.2



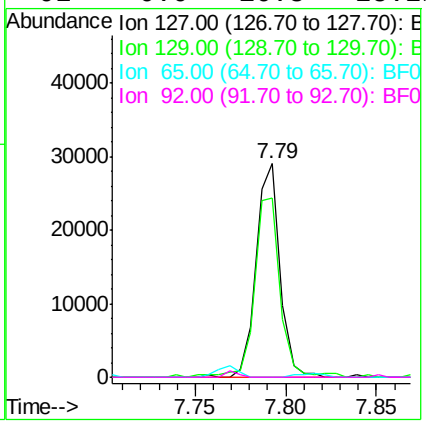


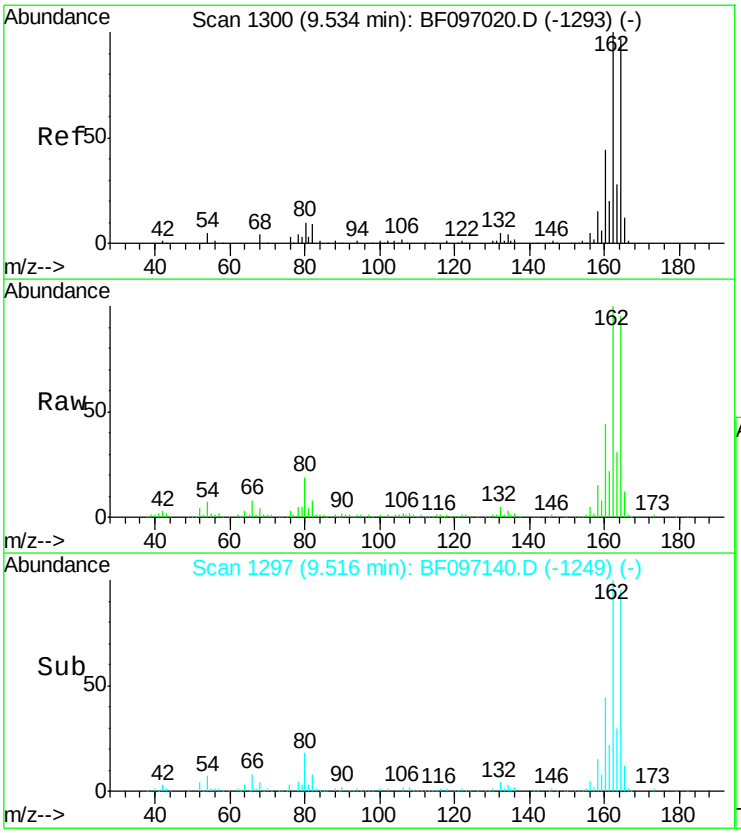
#33
4-Chloroaniline
Concen: 3.14 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.07 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion:127 Resp: 26537

Ion	Ratio	Lower	Upper
127	100		
129	83.8	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

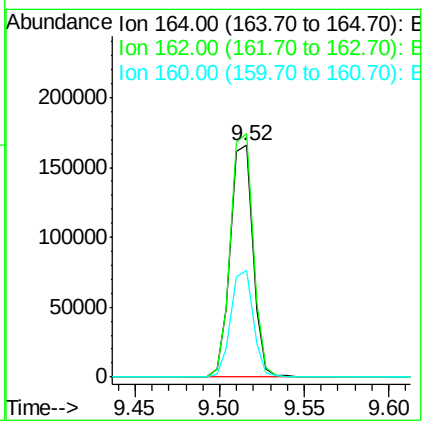


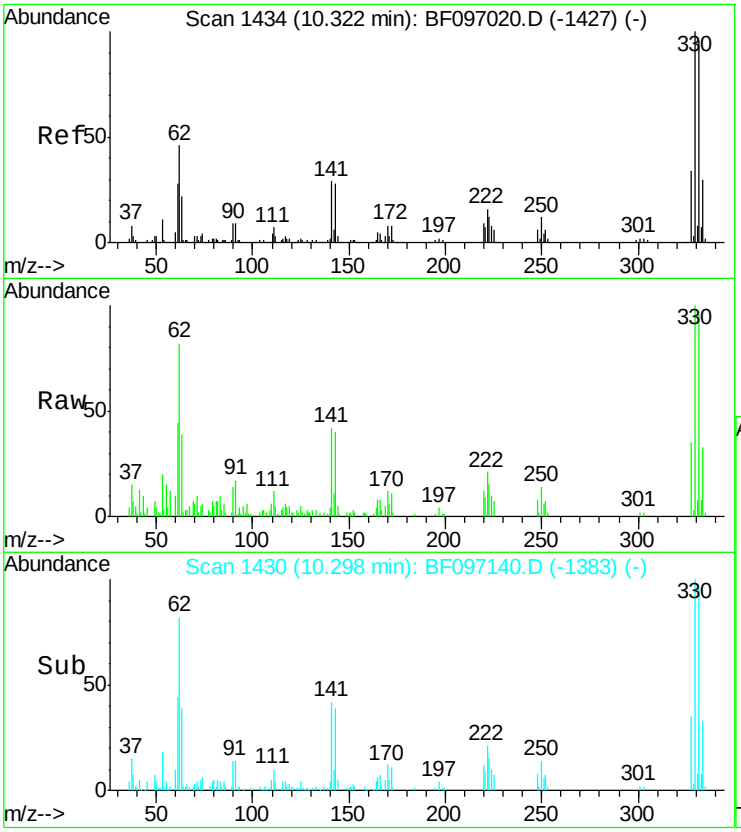


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion:164 Resp: 154941

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	45.8	36.2	54.2



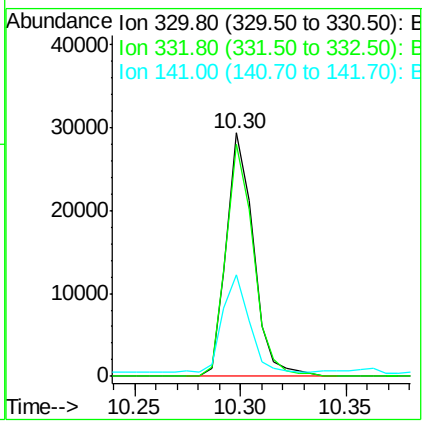


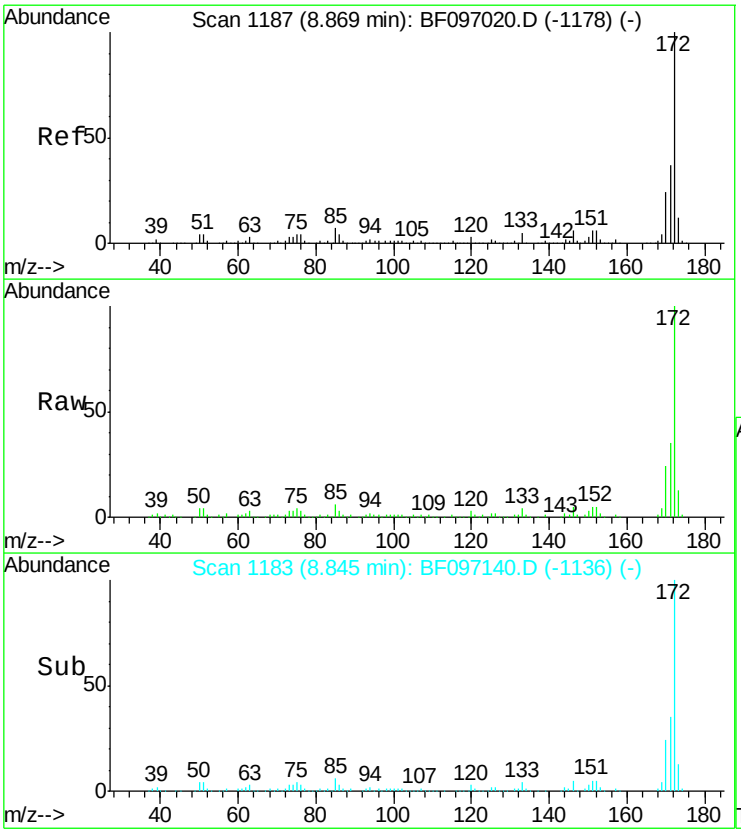
#41
2,4,6-Tribromophenol
Concen: 21.33 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion:330 Resp: 26114

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.4	31.4	47.2

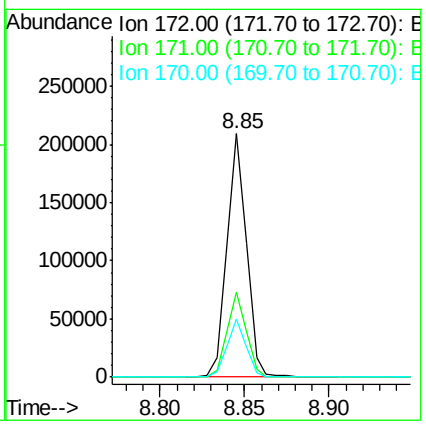


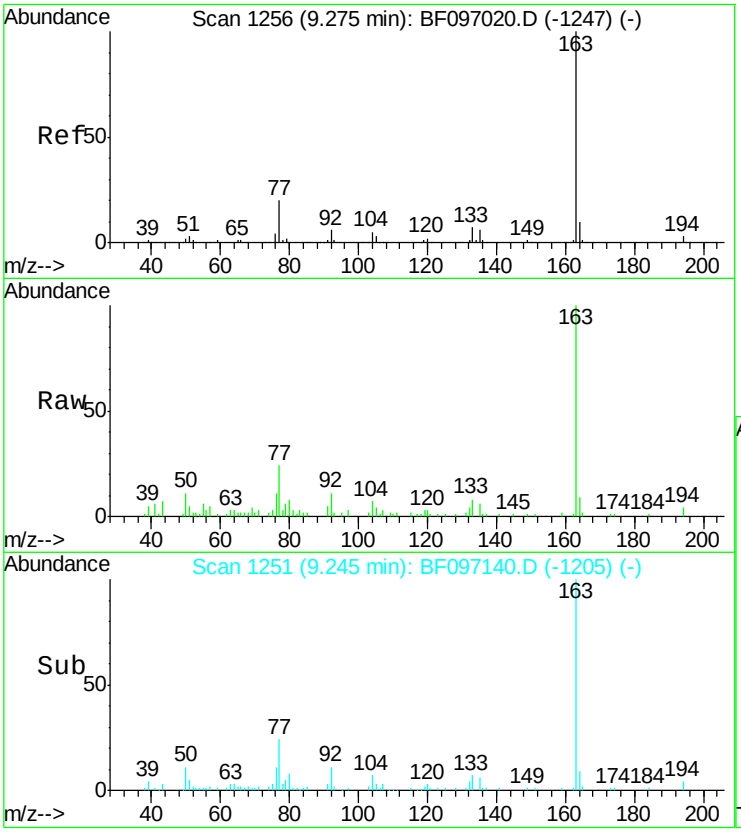


#44
2-Fluorobiphenyl
Concen: 18.26 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion:172 Resp: 166712

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.6	19.8	29.8



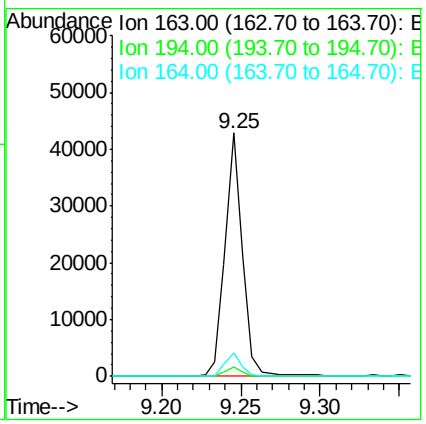


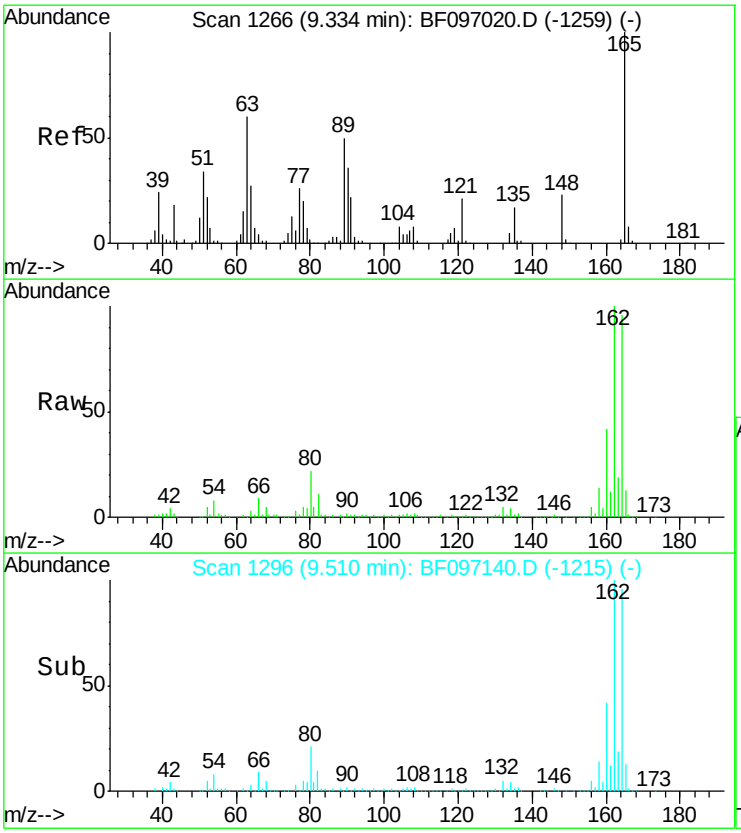
#49
Dimethylphthalate
Concen: 2.79 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion:163 Resp: 32769

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.5	8.4	12.6

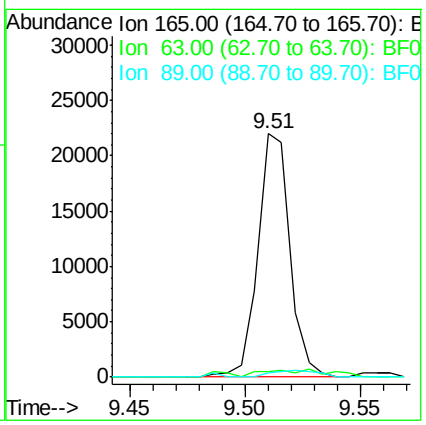


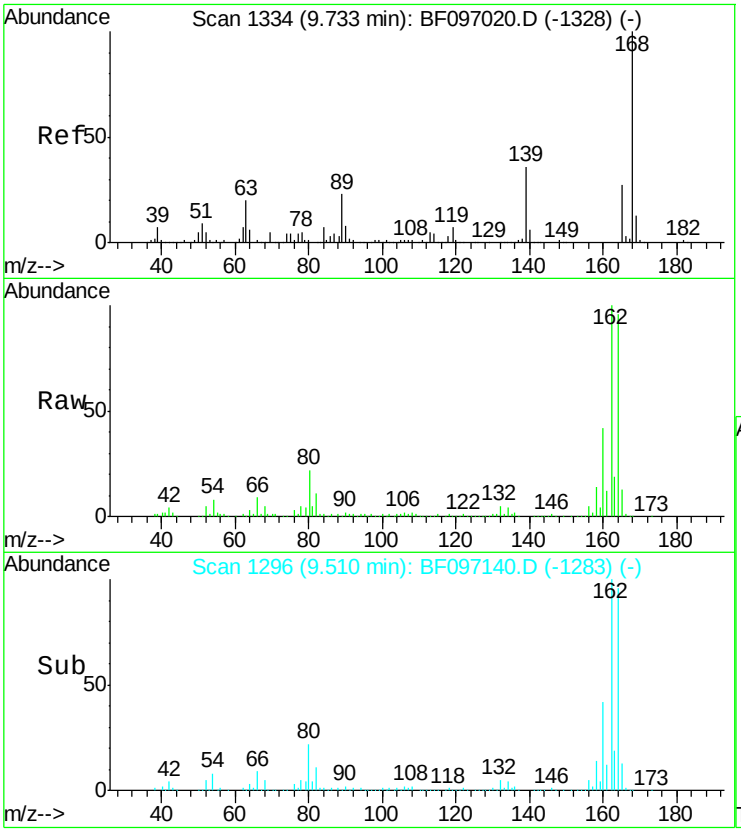


#50
2,6-Dinitrotoluene
Concen: 8.54 ng
RT: 9.51 min Scan# 1296
Delta R.T. 0.18 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion:165 Resp: 21304

Ion	Ratio	Lower	Upper
165	100		
63	2.2	34.3	51.5#
89	1.8	37.1	55.7#



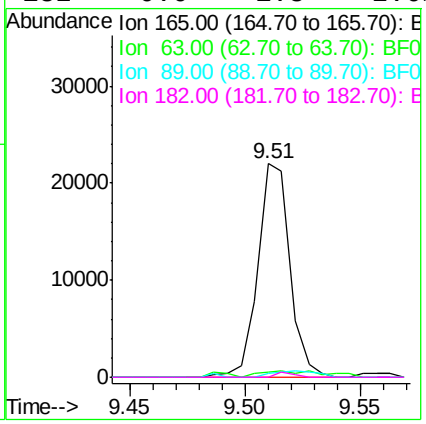


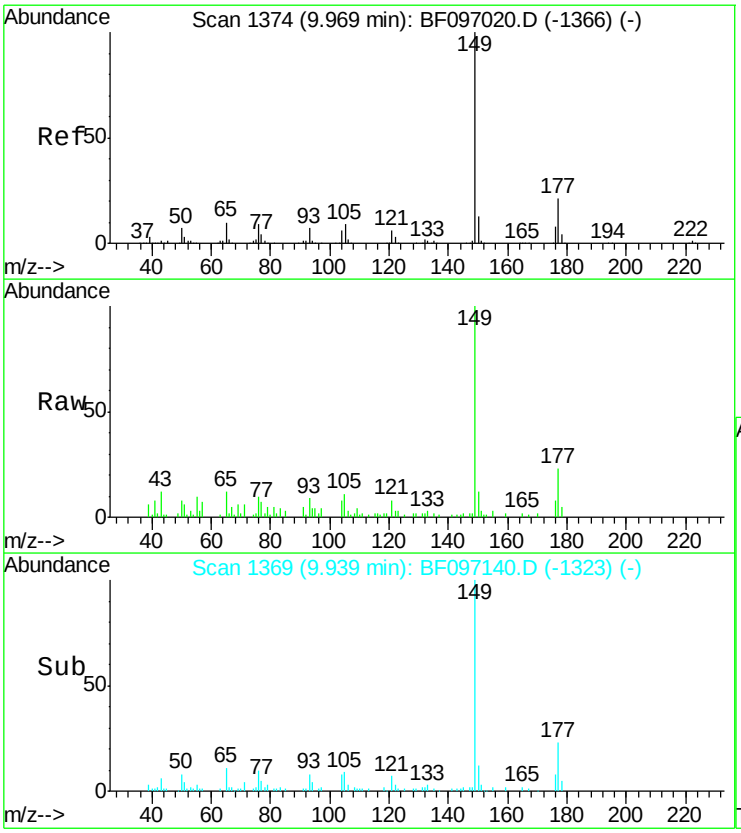
#56
2,4-Dinitrotoluene
Concen: 7.43 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion:165 Resp: 21304

Ion	Ratio	Lower	Upper
165	100		
63	2.2	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

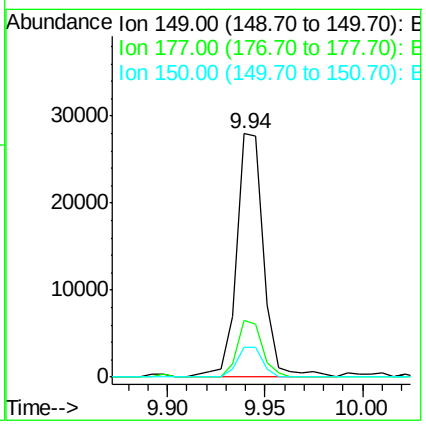


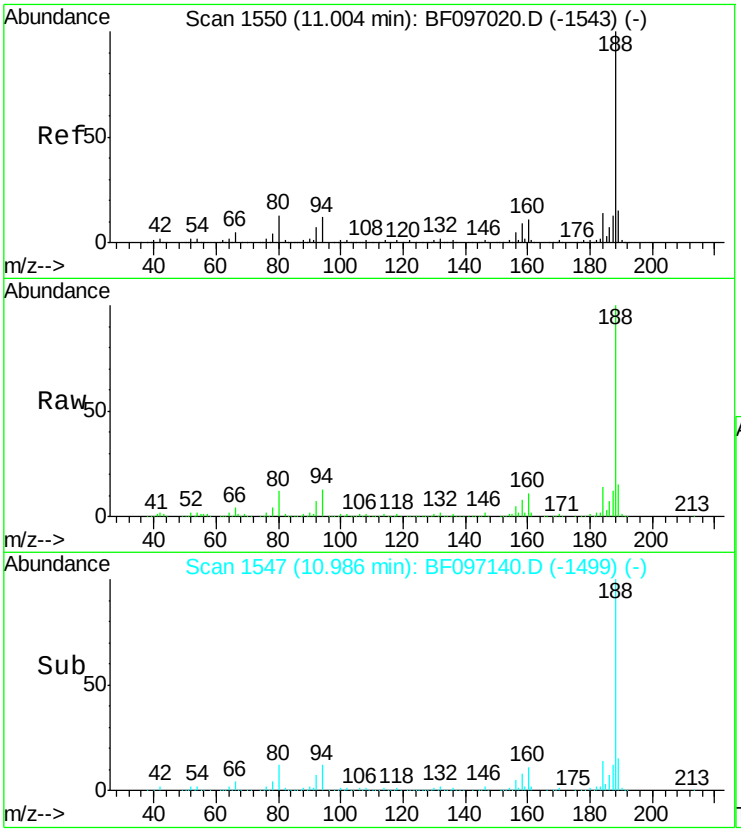


#59
Diethylphthalate
Concen: 2.48 ng
RT: 9.94 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion:149 Resp: 26795

Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.7	25.1
150	12.2	10.2	15.2



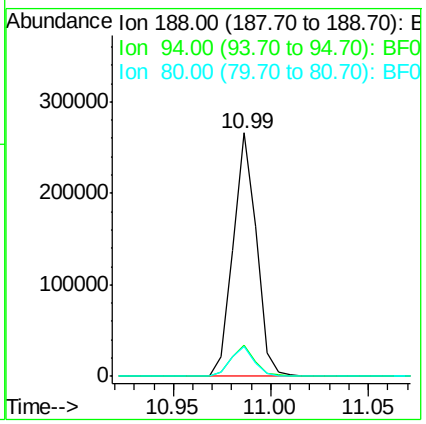


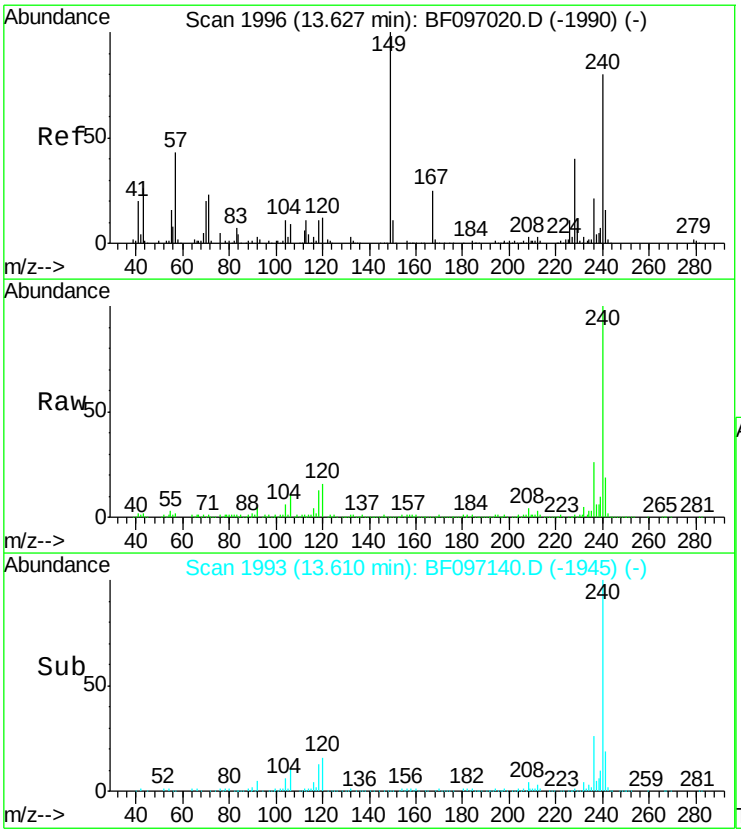
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion:188 Resp: 219910

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	12.5	10.2	15.2

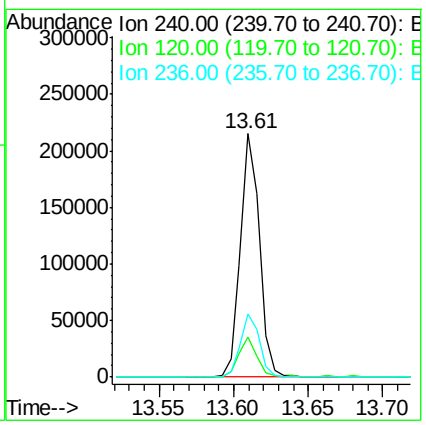


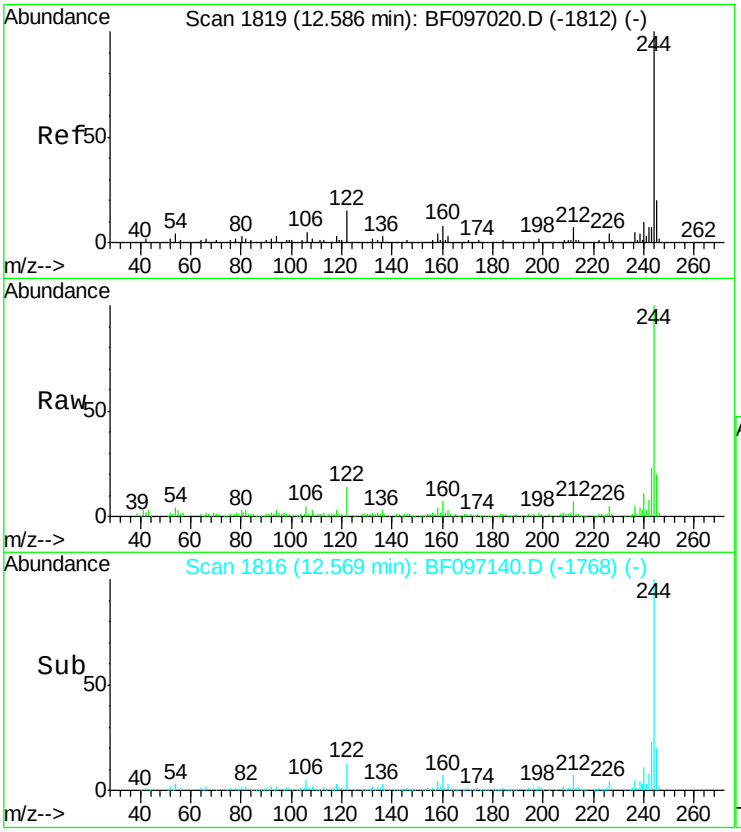


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion:240 Resp: 191814

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	25.9	20.5	30.7



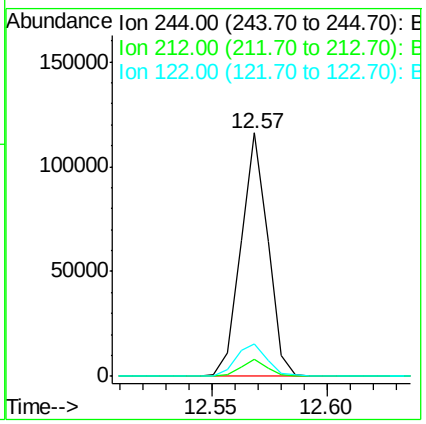


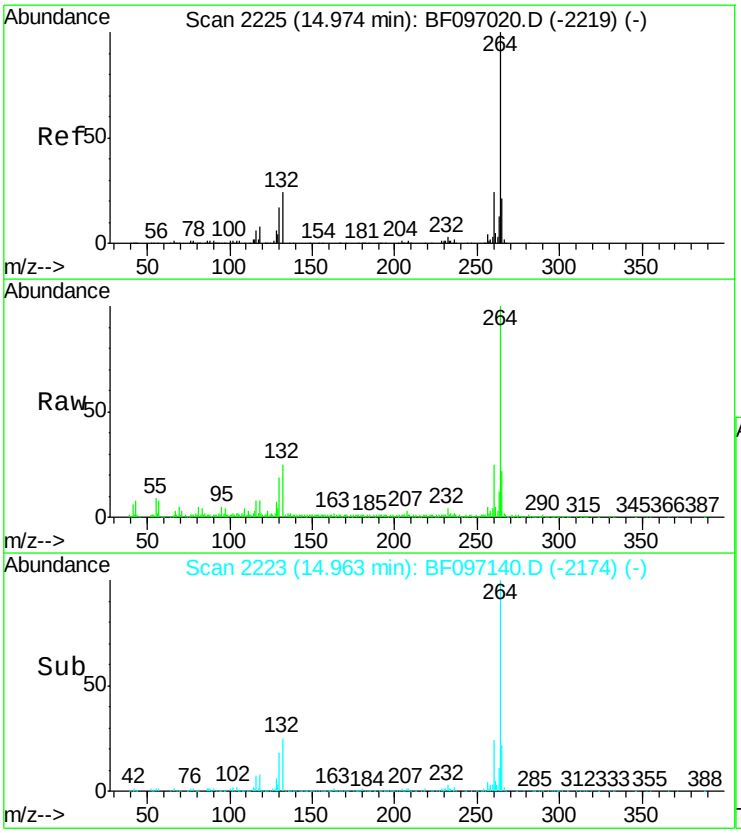
#78
Terphenyl-d14
Concen: 10.06 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-A

Tgt Ion:244 Resp: 94670

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.5	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097140.D
Acq: 27 Jul 2017 23:29

Tgt Ion:264 Resp: 160091

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.1	17.2	25.8