Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
Data File : BF100626.D
Acq On : 16 Nov 2017 13:16
Operator : SJ/JU
Sample : I6302-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-04-111317-A

Quant Time: Nov 16 14:02:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 11:34:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	110191	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	442722	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	208186	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	421087	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	349203	20.00	ng	-0.03
86) Perylene-d12	15.51	264	255961	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	795977	115.79	ng	0.00
7) Phenol-d6	6.51	99	867636	102.36	ng	-0.01
23) Nitrobenzene-d5	7.45	82	687303	102.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.71	330	312911	147.50	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	1273447	93.14	ng	-0.02
78) Terphenyl-d14	12.99	244	1337298	87.99	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	89559	15.235	ng	# 80
25) Isophorone	7.45	82	687295	48.841	ng	# 64
31) Naphthalene	8.18	128	42720	2.003	ng	98
32) Benzoic acid	7.85	122	633	9.476	ng	94
47) 2-Nitroaniline	9.24	65	1788	3.220	ng	# 7
50) 2,6-Dinitrotoluene	9.92	165	27600	8.772	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	27600	6.953	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.71	198	618	8.809	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	19440	4.307	ng	# 1
76) Benzidine	12.73	184	264858	18.939	ng	98

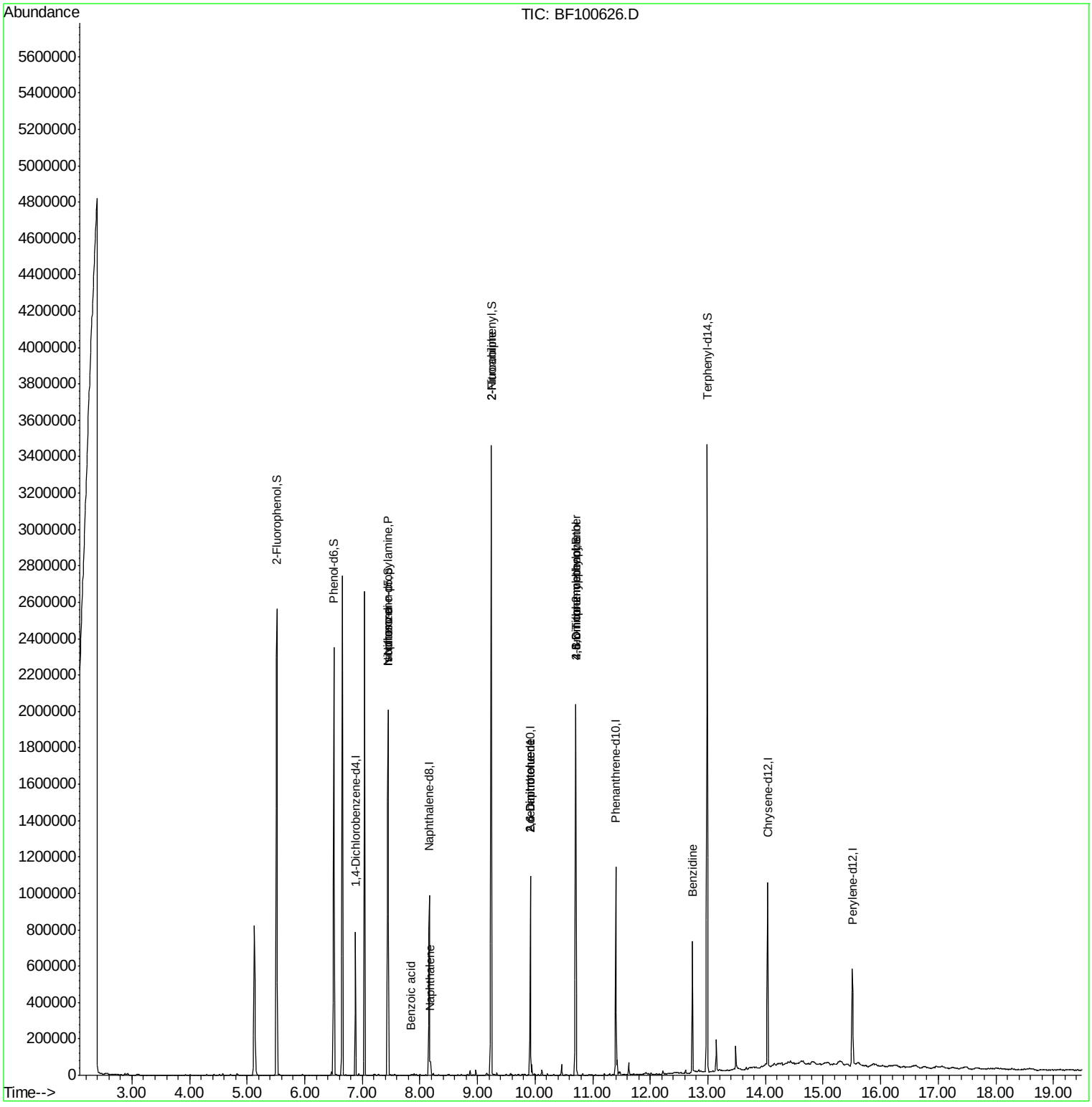
(#) = qualifier out of range (m) = manual integration (+) = signals summed

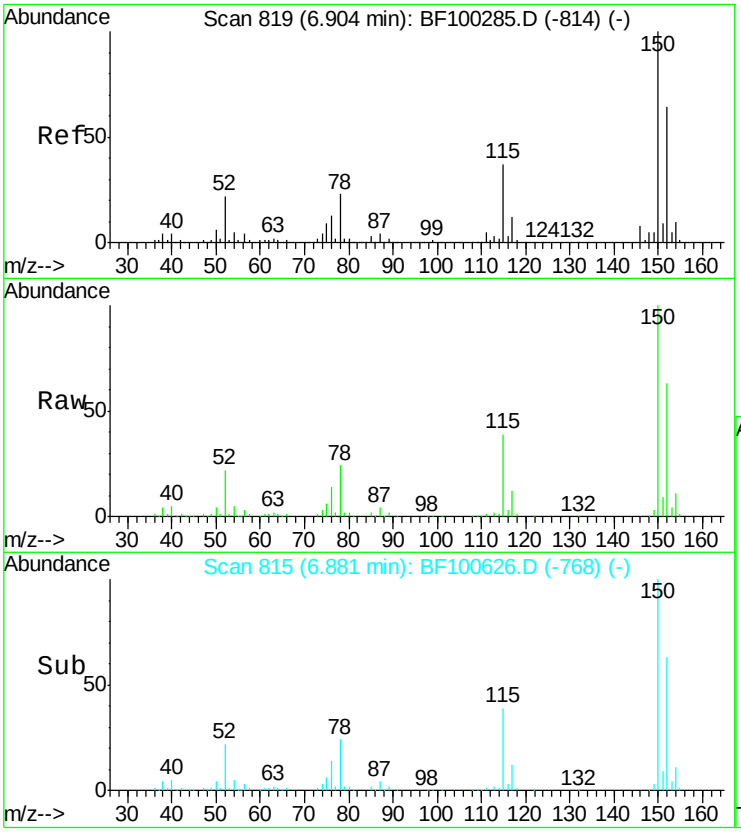
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
Data File : BF100626.D
Acq On : 16 Nov 2017 13:16
Operator : SJ/JU
Sample : I6302-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Quant Time: Nov 16 14:02:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 11:34:03 2017
Response via : Initial Calibration



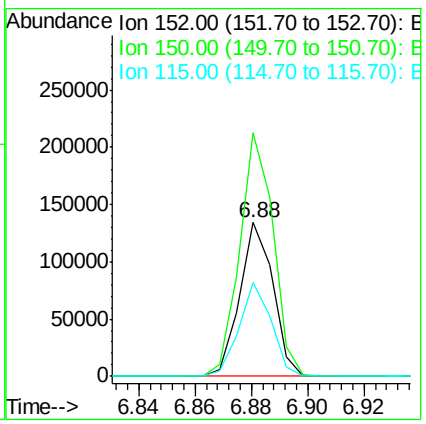


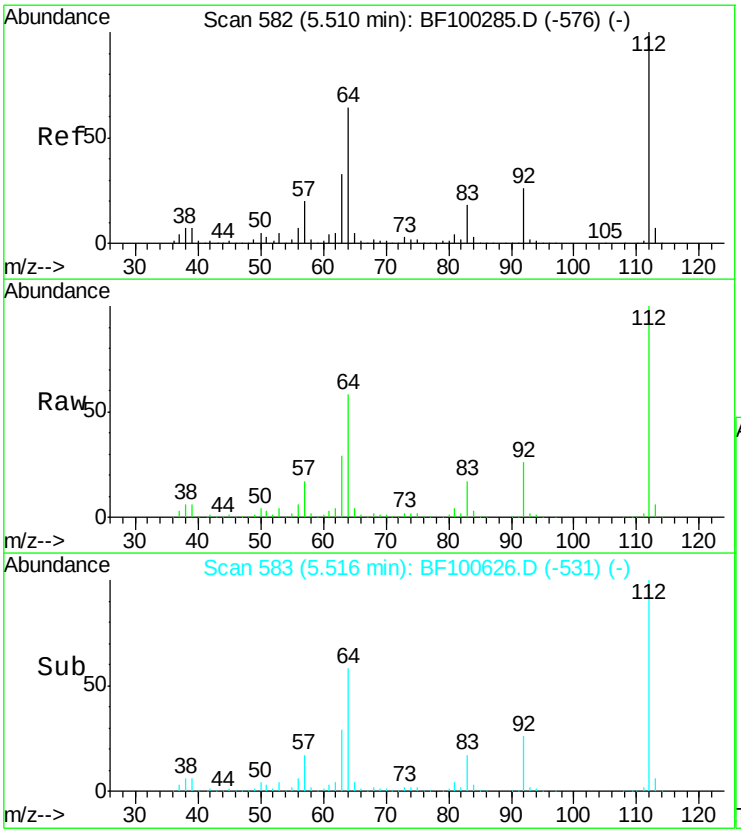
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion:152 Resp: 110191

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	61.0	50.1	75.1

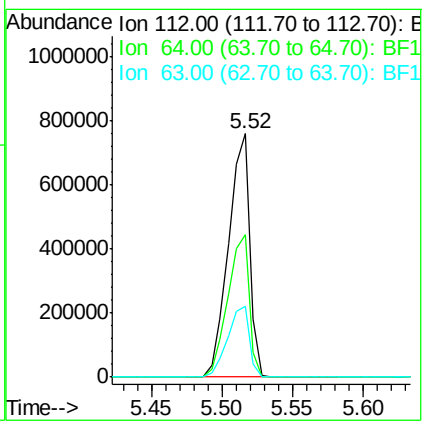


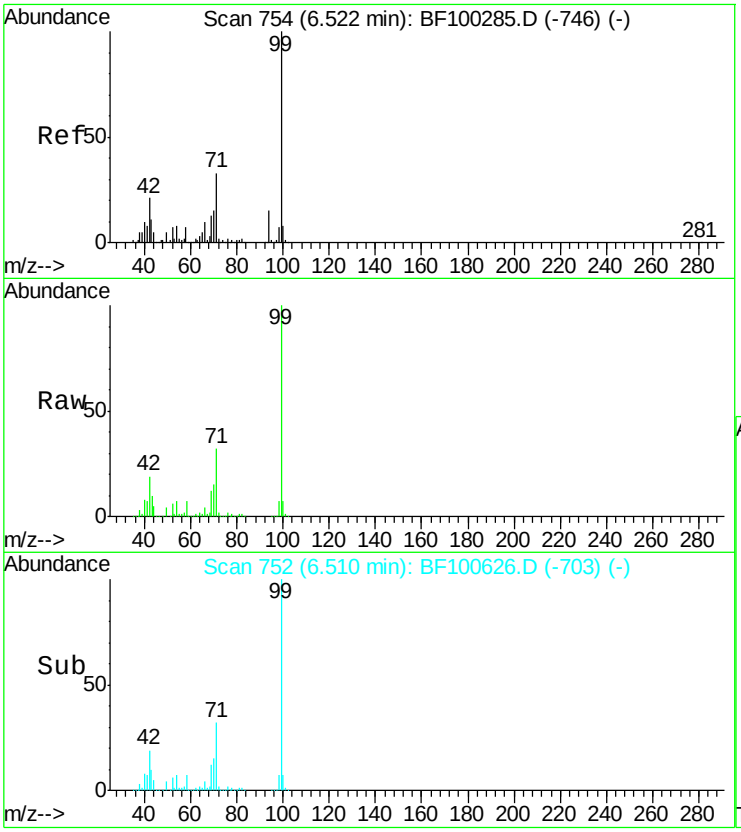


#5
2-Fluorophenol
Concen: 115.794 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:112 Resp: 795977

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	29.1	23.7	35.5



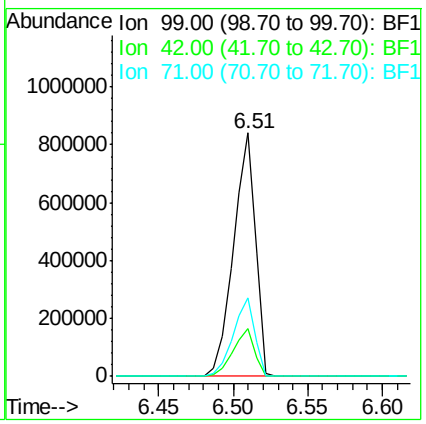


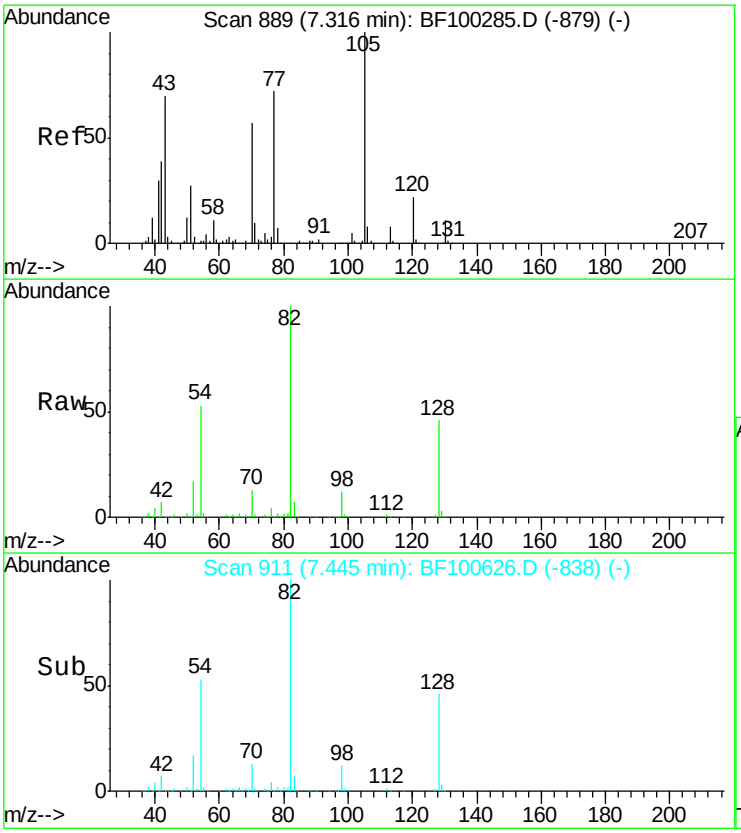
#7
Phenol-d6
Concen: 102.356 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion: 99 Resp: 867636

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	32.3	25.4	38.0

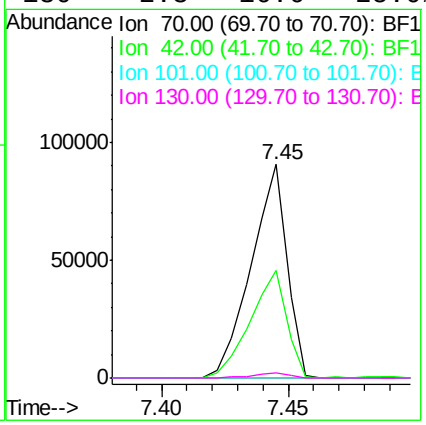


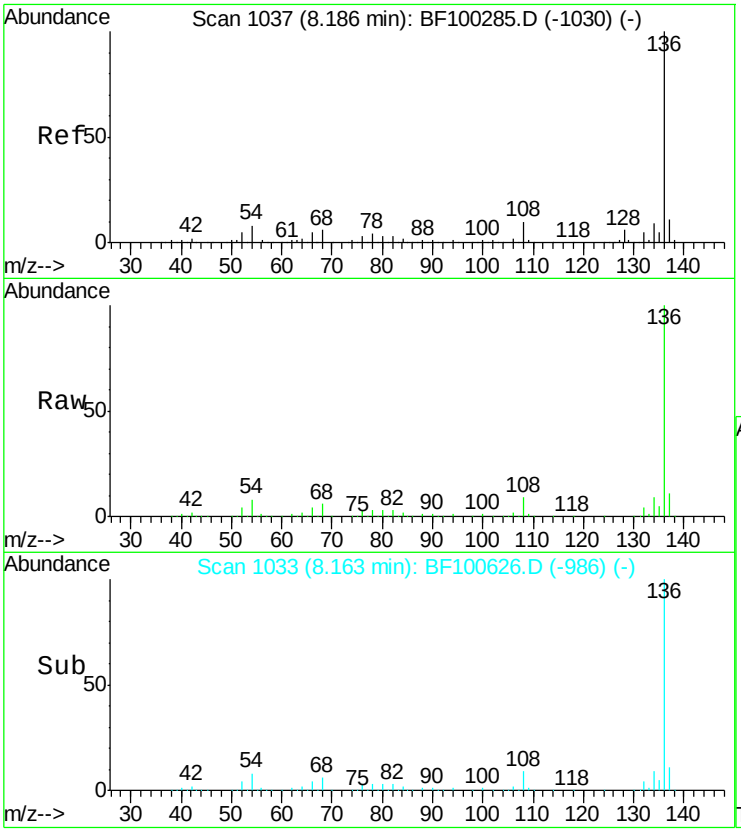


#19
n-Nitroso-di-n-propylamine
Concen: 15.235 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.13 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion: 70 Resp: 89559

Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



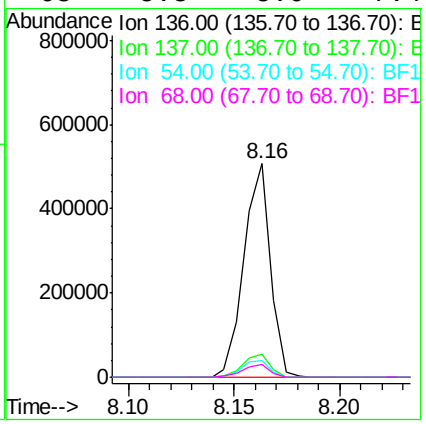


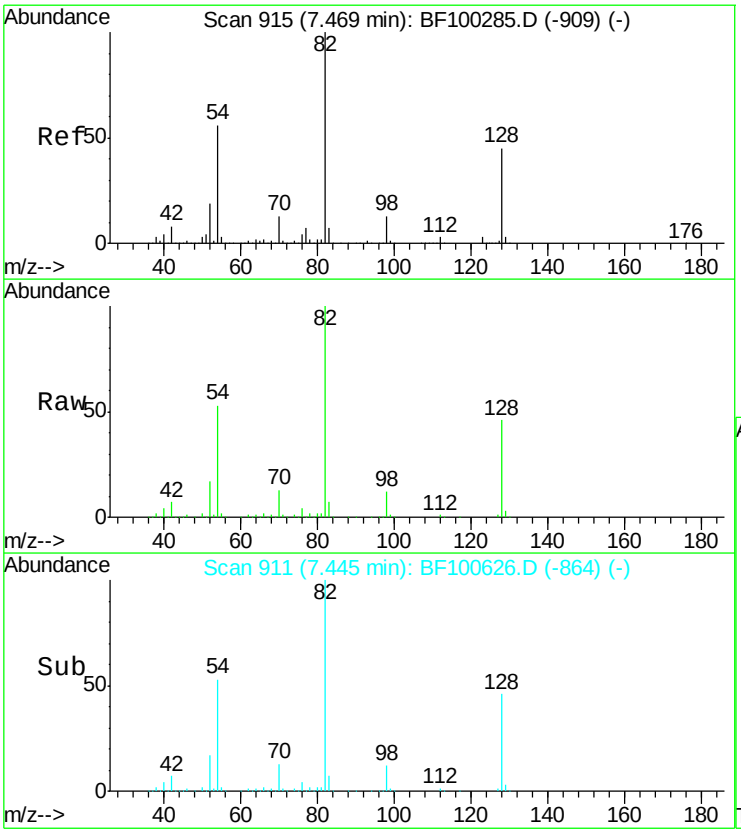
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion:136 Resp: 442722

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	5.8	5.0	7.4

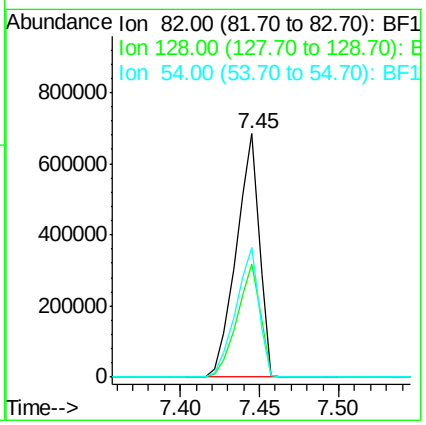


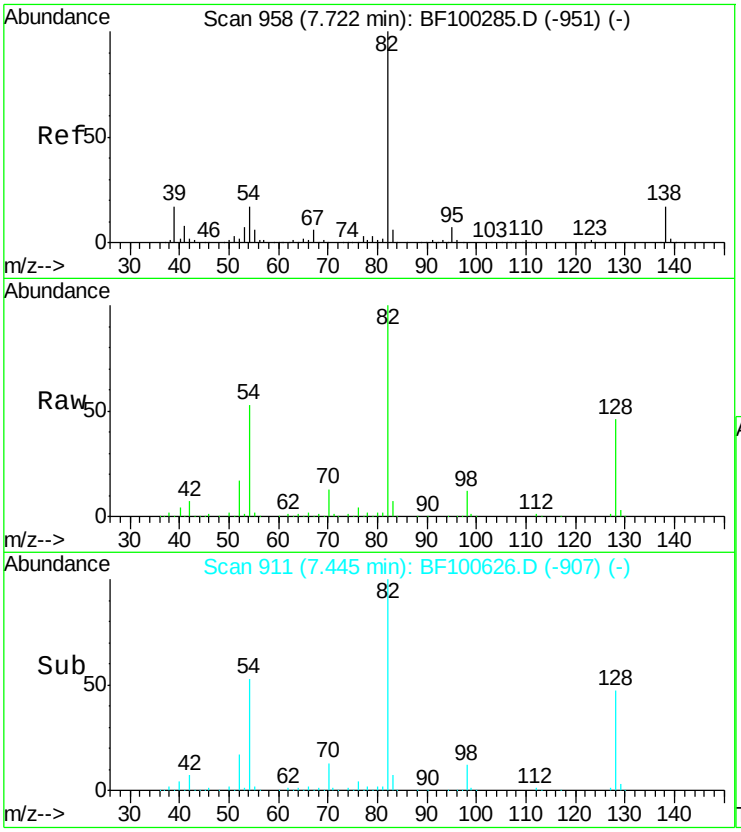


#23
Nitrobenzene-d5
Concen: 102.638 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion: 82 Resp: 687303

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	53.1	41.4	62.2



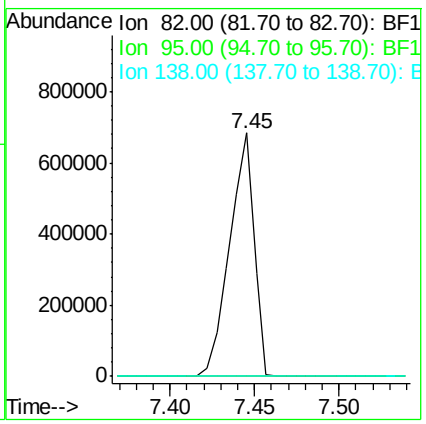


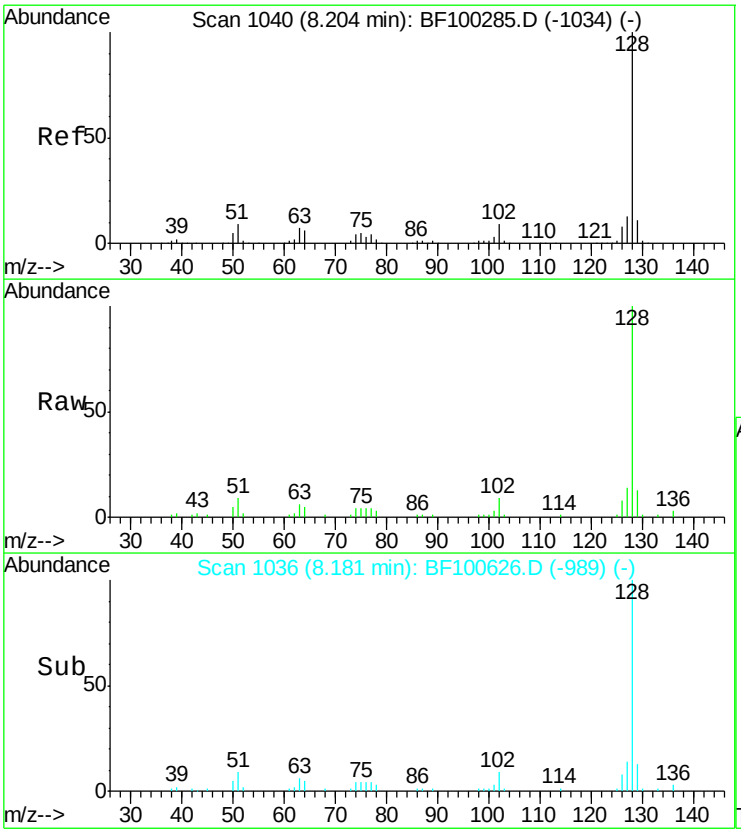
#25
Isophorone
Concen: 48.841 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.28 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion: 82 Resp: 687295

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

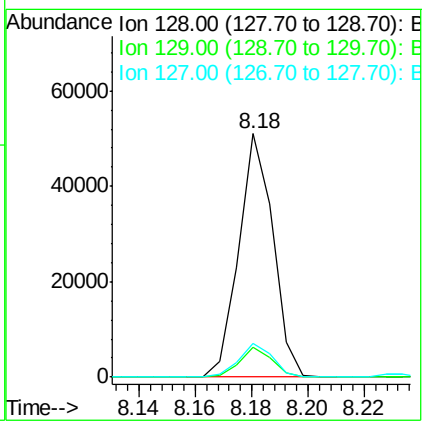


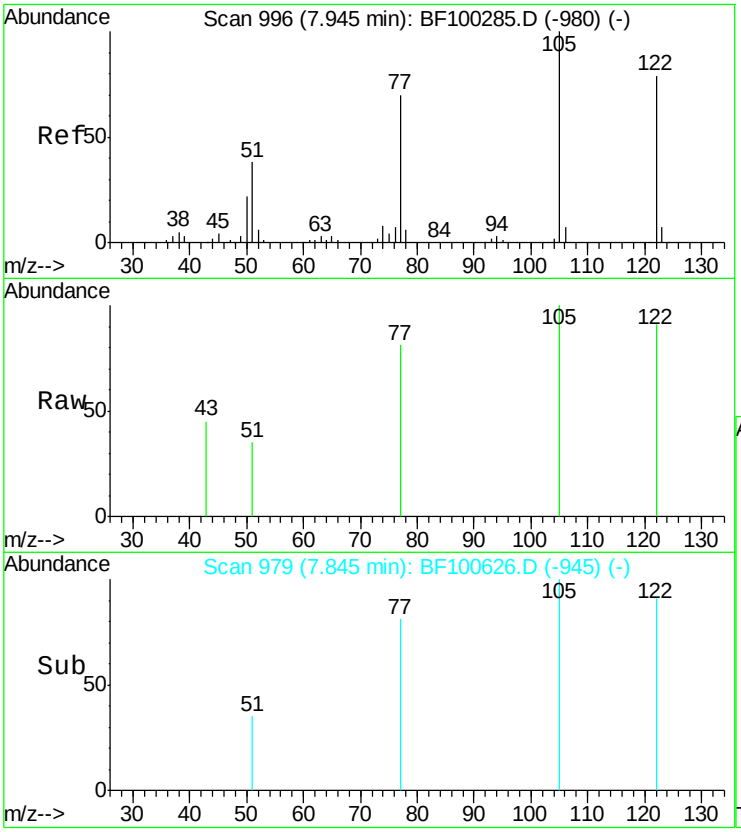


#31
Naphthalene
Concen: 2.003 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:128 Resp: 42720

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.8	13.2
127	14.1	10.9	16.3



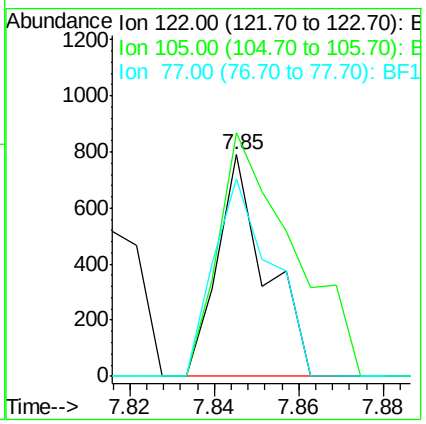


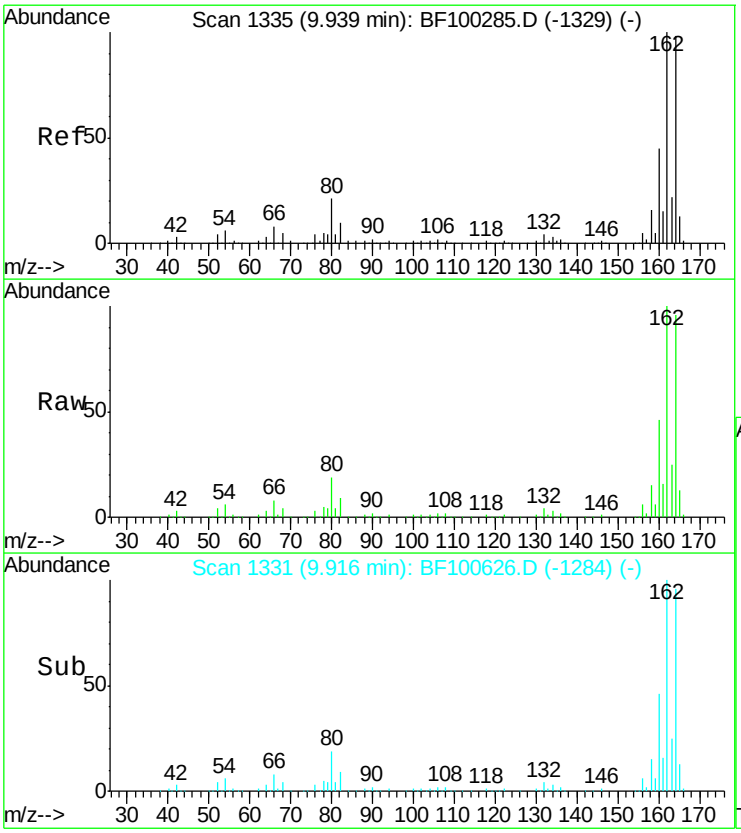
#32
Benzoic acid
Concen: 9.476 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.10 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion:122 Resp: 633

Ion	Ratio	Lower	Upper
122	100		
105	109.9	101.1	141.1
77	89.4	70.7	110.7

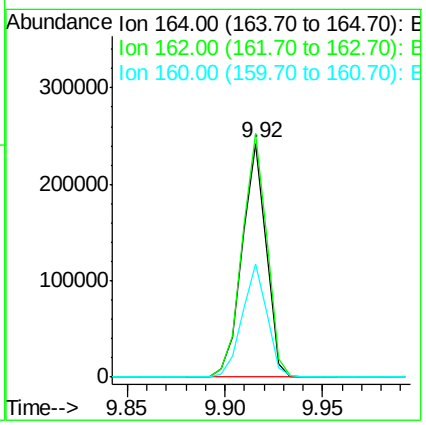


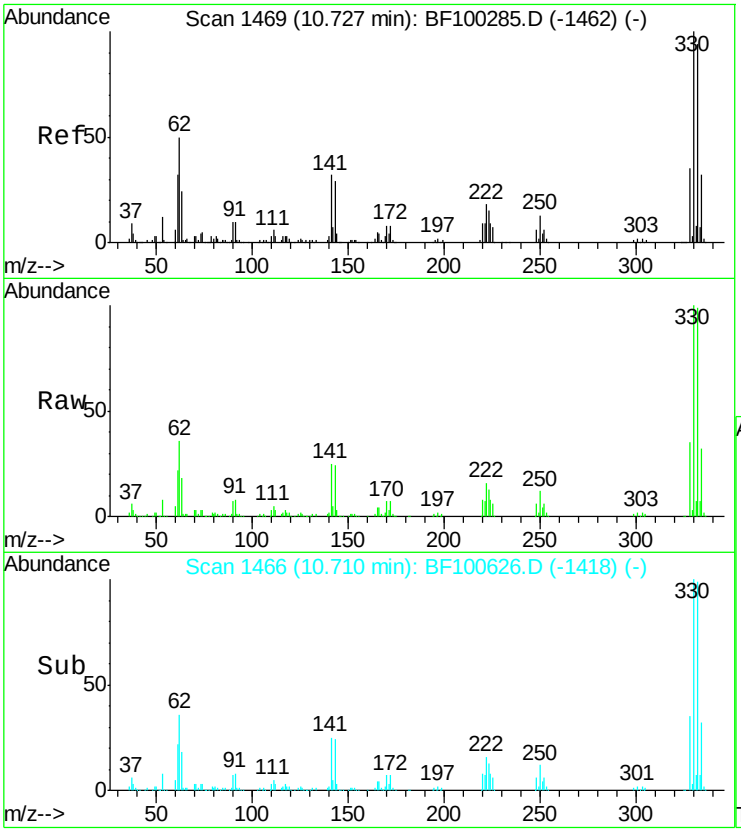


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:164 Resp: 208186

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.4	38.3	57.5



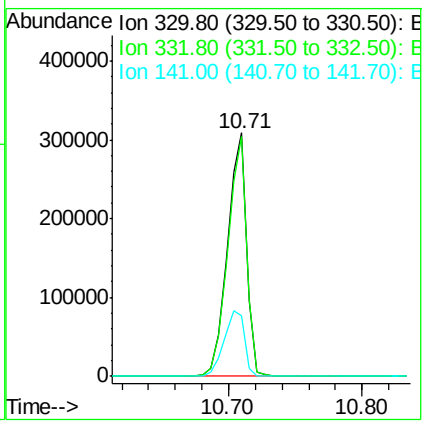


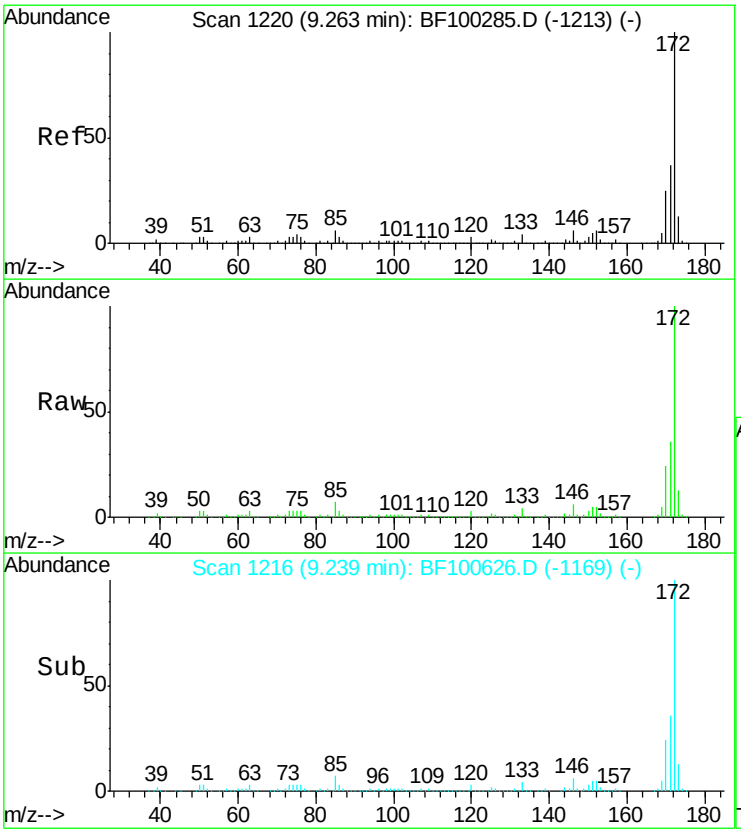
#41
2,4,6-Tribromophenol
Concen: 147.501 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion:330 Resp: 312911

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	28.9	29.9	44.9#

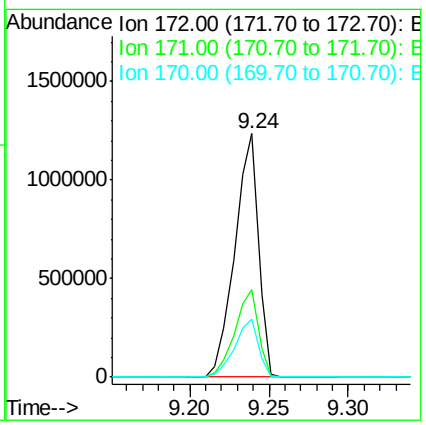


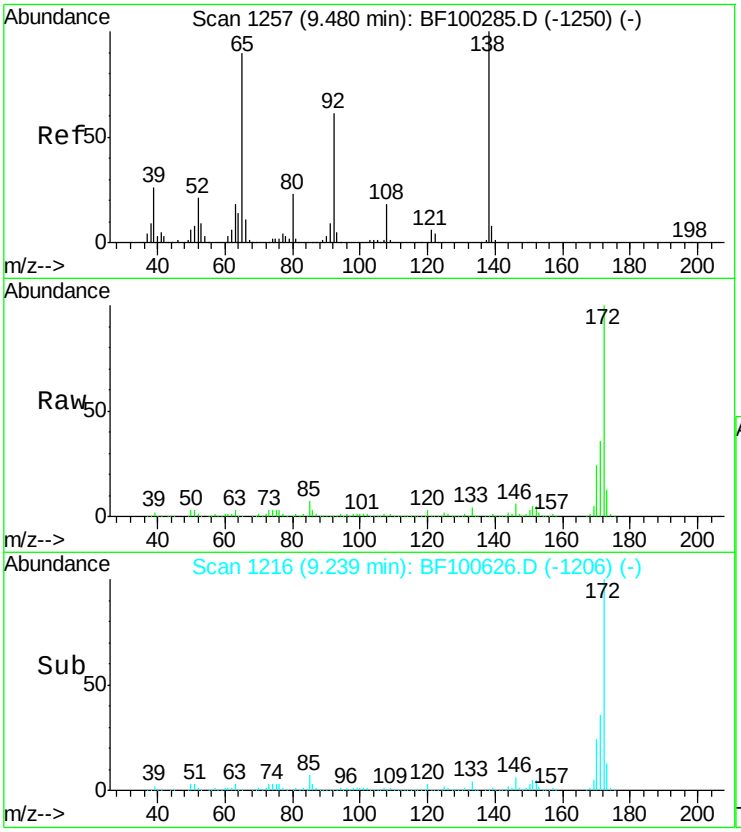


#44
2-Fluorobiphenyl
Concen: 93.142 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:172 Resp: 1273447

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4



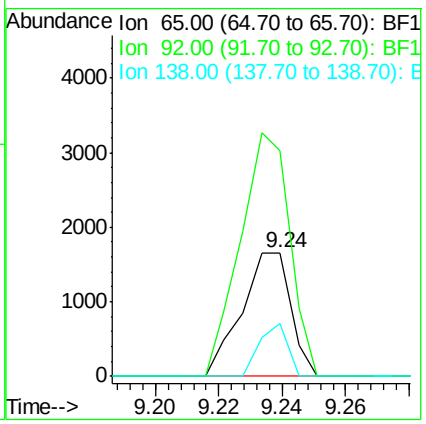


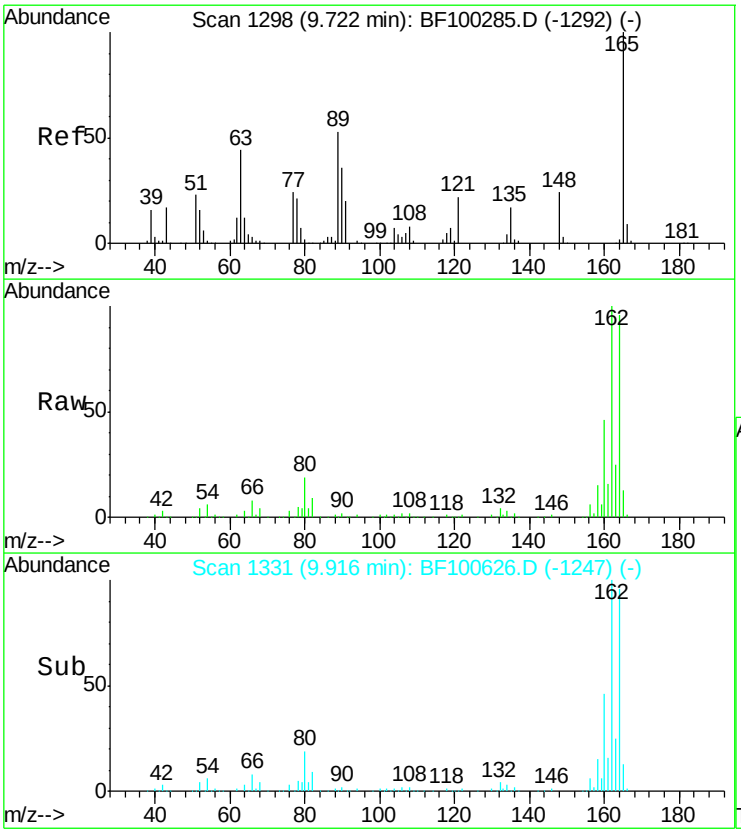
#47
2-Nitroaniline
Concen: 3.220 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.24 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion: 65 Resp: 1788

Ion	Ratio	Lower	Upper
65	100		
92	181.9	55.8	83.6#
138	42.3	91.2	136.8#

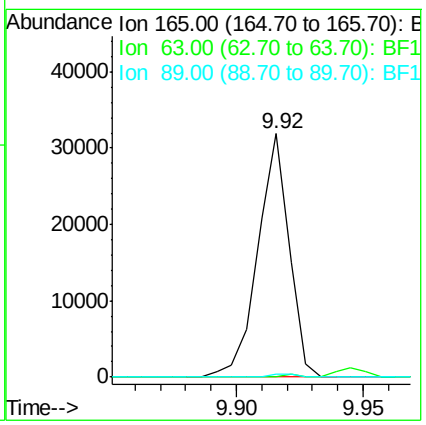


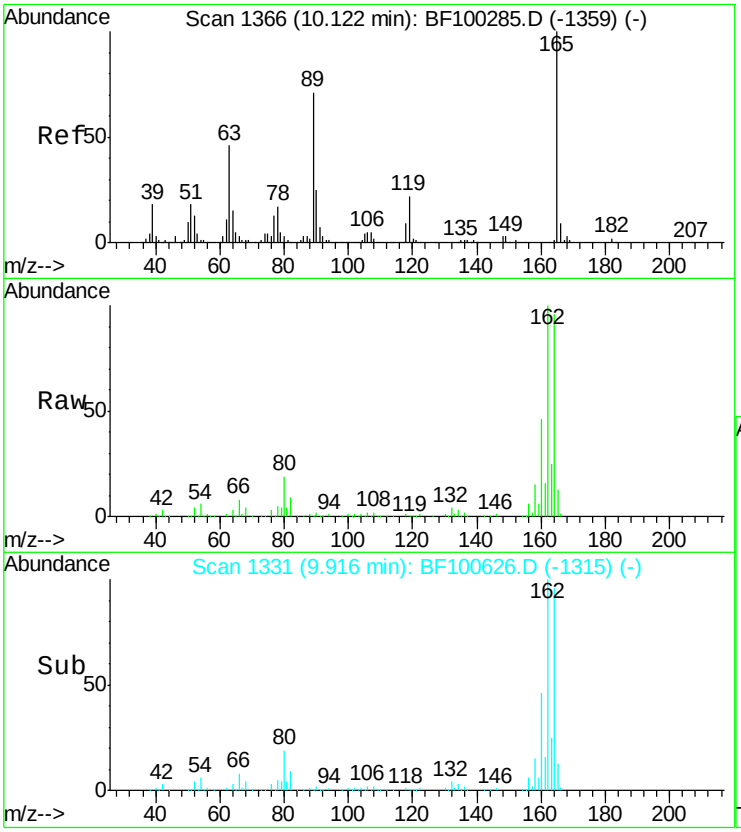


#50
2,6-Dinitrotoluene
Concen: 8.772 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.19 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:165 Resp: 27600

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#



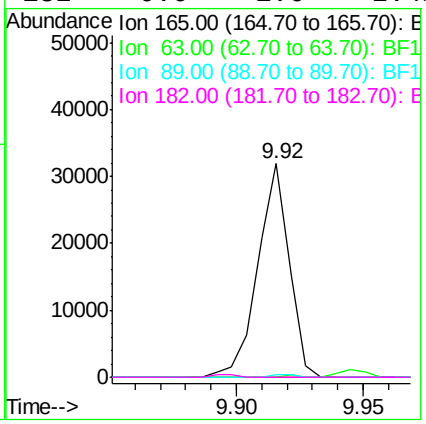


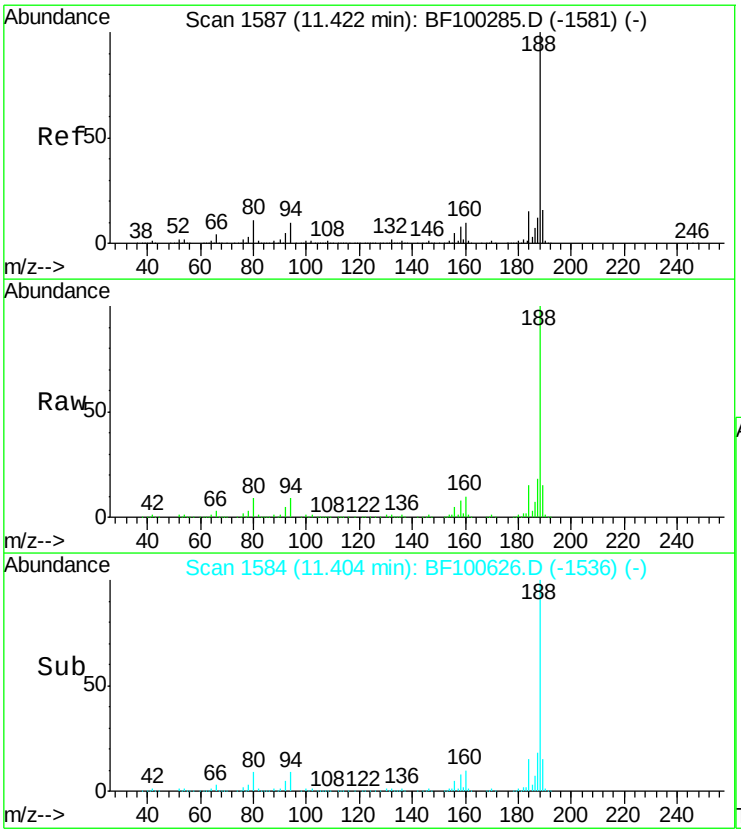
#56
2,4-Dinitrotoluene
Concen: 6.953 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.21 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion:165 Resp: 27600

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

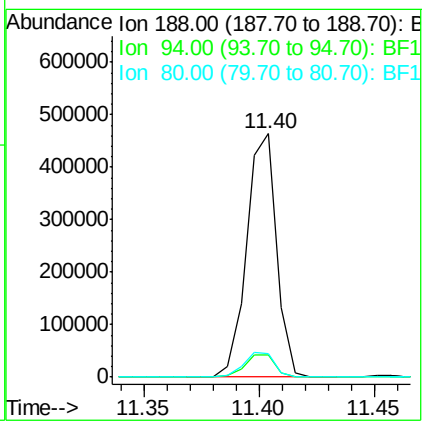


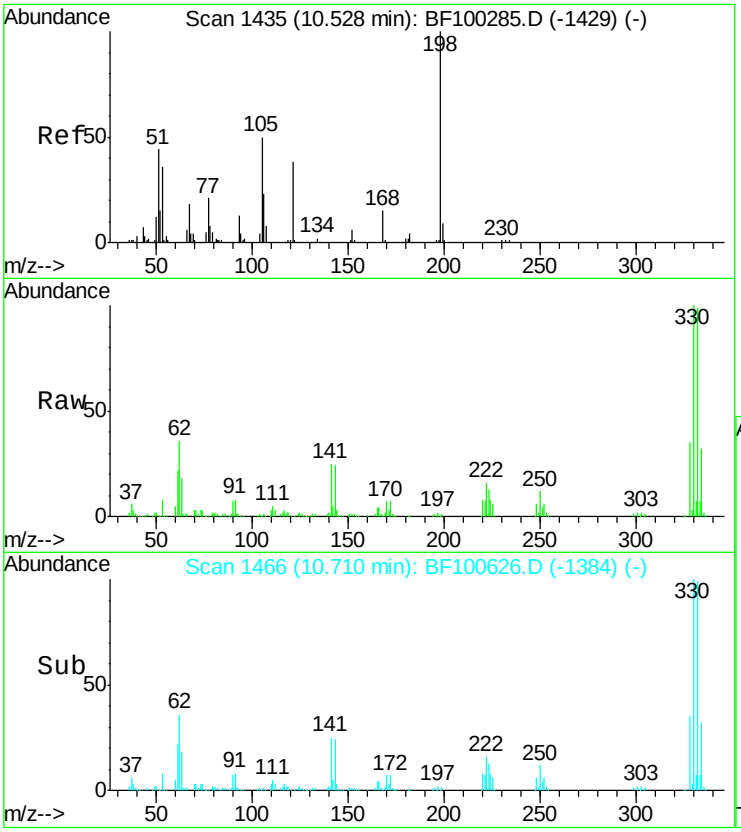


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:188 Resp: 421087

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8



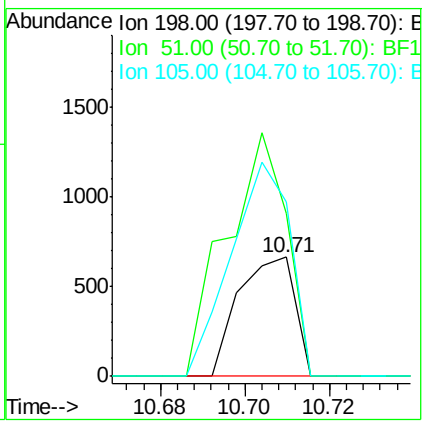


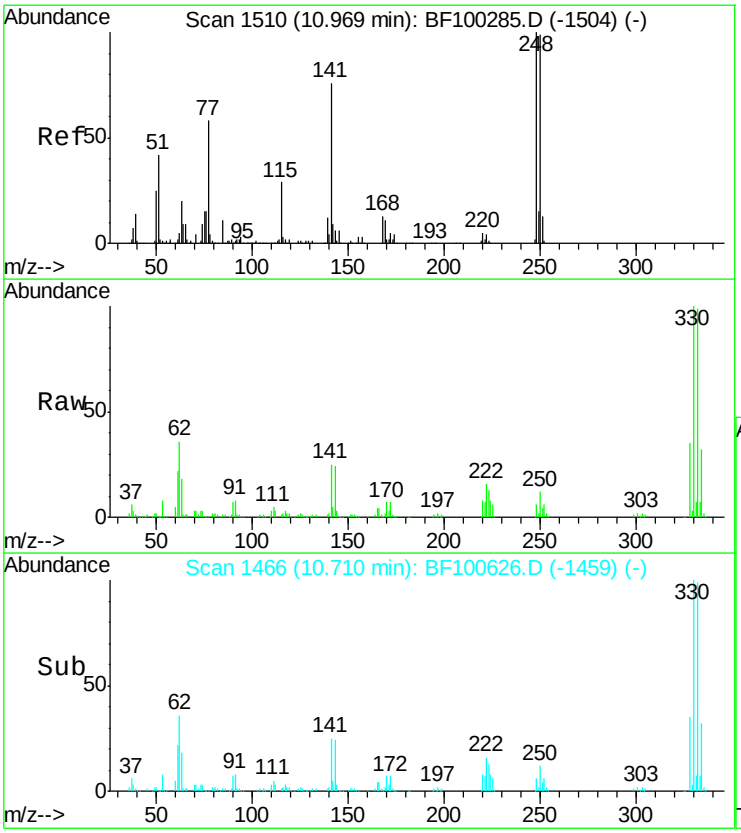
#64
4,6-Dinitro-2-methylphenol
Concen: 8.809 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion:198 Resp: 618

Ion	Ratio	Lower	Upper
198	100		
51	137.0	37.7	77.7#
105	147.0	36.3	76.3#

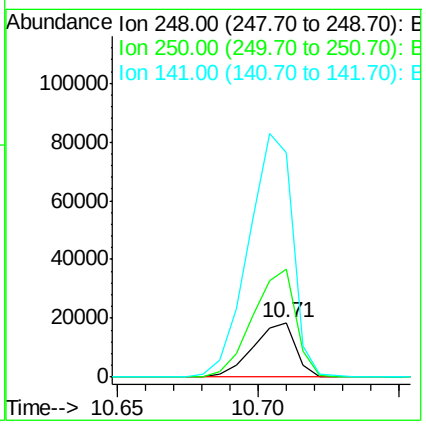


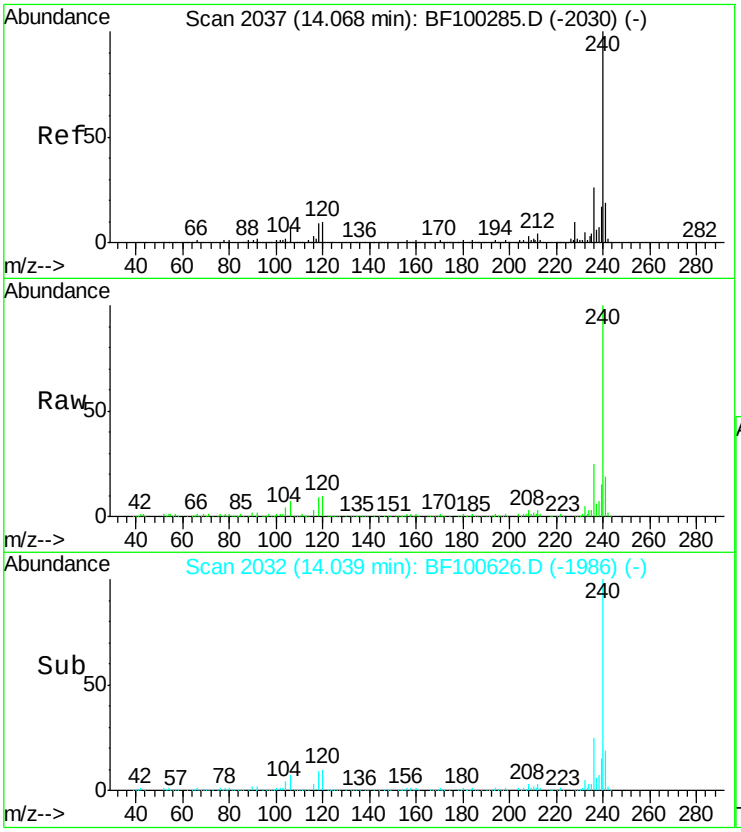


#66
4-Bromophenyl-phenylether
Concen: 4.307 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.26 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:248 Resp: 19440

Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.9	115.3#
141	414.3	74.4	111.6#



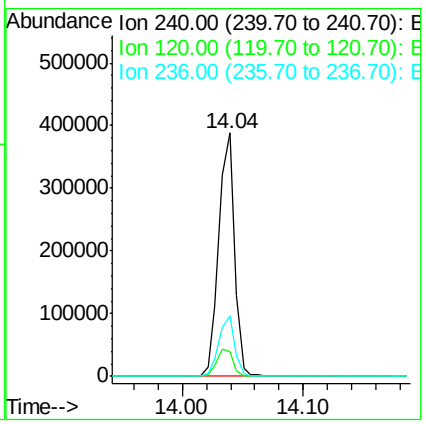


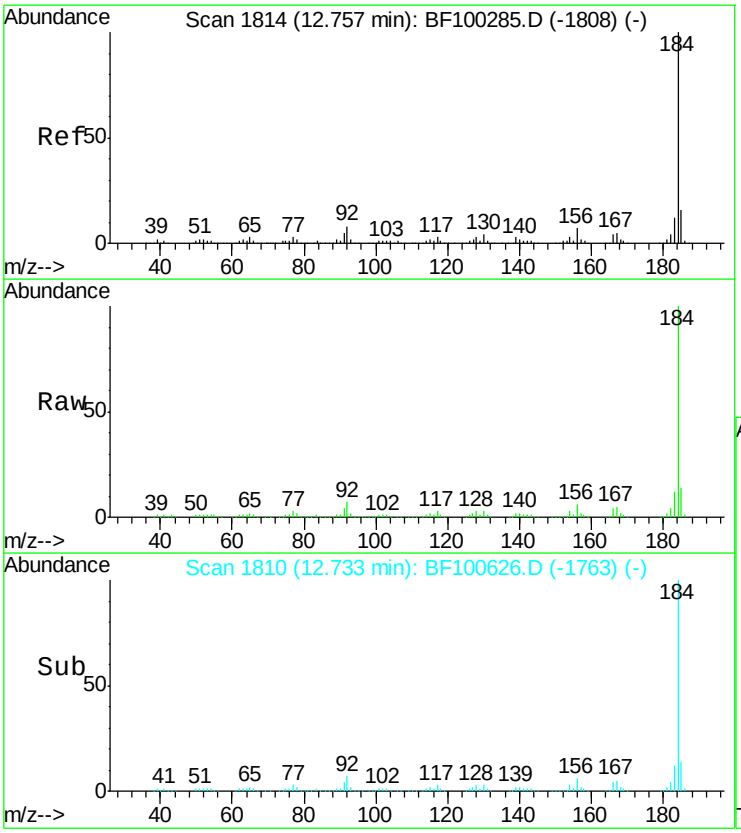
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.03 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion:240 Resp: 349203

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	24.8	20.7	31.1

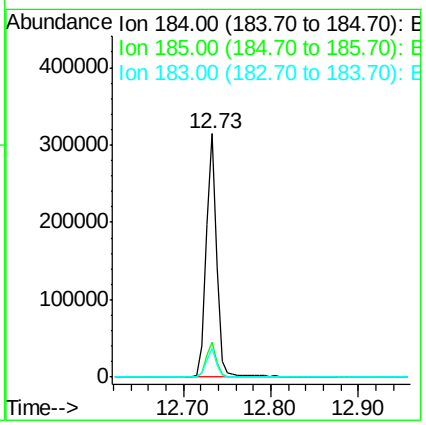


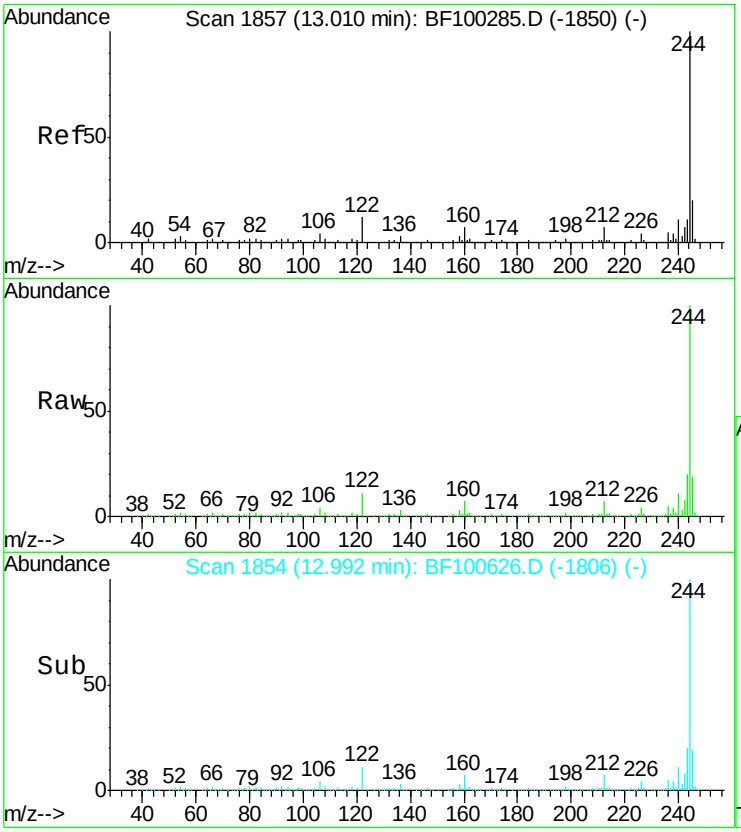


#76
Benzidine
Concen: 18.939 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:184 Resp: 264858

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	11.8	9.3	13.9



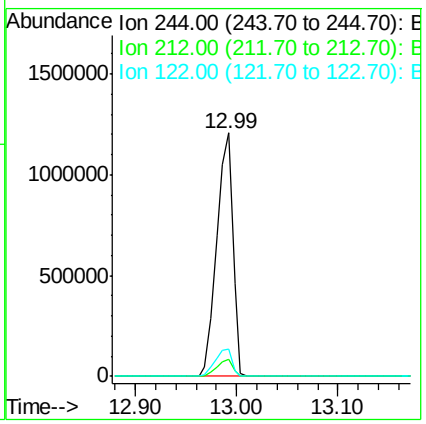


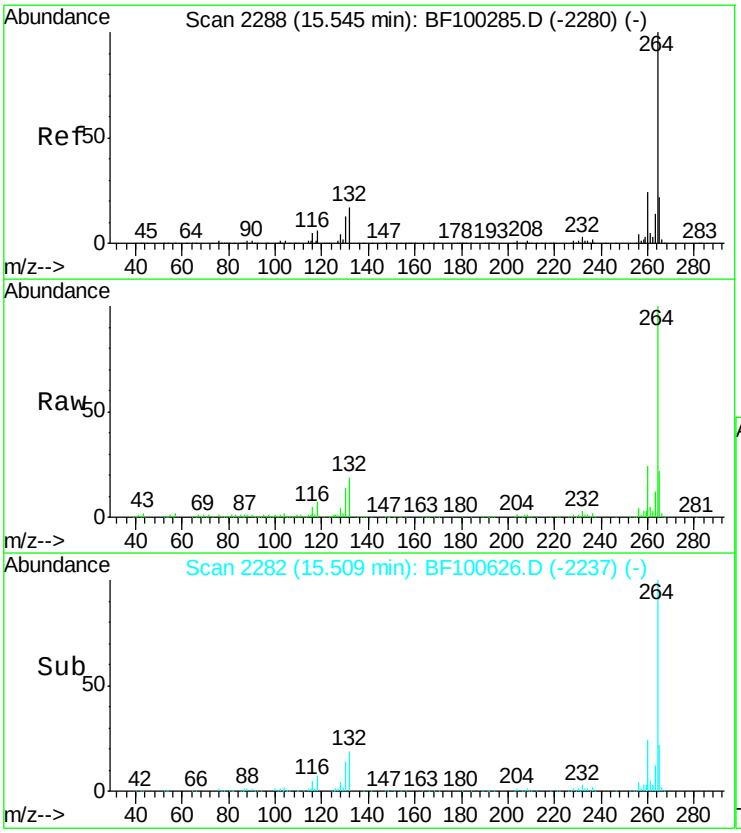
#78
Terphenyl-d14
Concen: 87.992 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Tgt Ion:244 Resp: 1337298

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.04 min
Lab File: BF100626.D
Acq: 16 Nov 2017 13:16

Tgt Ion:264 Resp: 255961

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3