Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100807.D
Acq On : 22 Nov 2017 4:13
Operator : SJ/JU
Sample : I6466-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 07:36:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85951	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	340264	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	147628	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	241836	20.00	ng		0.00
75) Chrysene-d12	14.03	240	178320	20.00	ng		-0.01
86) Perylene-d12	15.51	264	156483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	535756	99.92	ng		0.00
7) Phenol-d6	6.50	99	638547	96.57	ng		0.00
23) Nitrobenzene-d5	7.43	82	395499	76.85	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	140297	93.26	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	732848	75.59	ng		-0.01
78) Terphenyl-d14	12.98	244	482975	62.23	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	10876	2.30	ng		86
10) Phenol	6.51	94	34347	4.95	ng		82
19) n-Nitroso-di-n-propylamine	7.43	70	50861	11.09	ng	#	82
25) Isophorone	7.43	82	395491	36.57	ng	#	64
47) 2-Nitroaniline	9.23	65	892	3.09	ng	#	1
49) Dimethylphthalate	9.62	163	25958	2.30	ng		100
50) 2,6-Dinitrotoluene	9.91	165	18891	8.47	ng	#	26
56) 2,4-Dinitrotoluene	9.91	165	18891	6.71	ng	#	23
62) Azobenzene	10.62	77	55852	5.26	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	8835	3.41	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100807.D
Acq On : 22 Nov 2017 4:13
Operator : SJ/JU
Sample : I6466-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 22 07:36:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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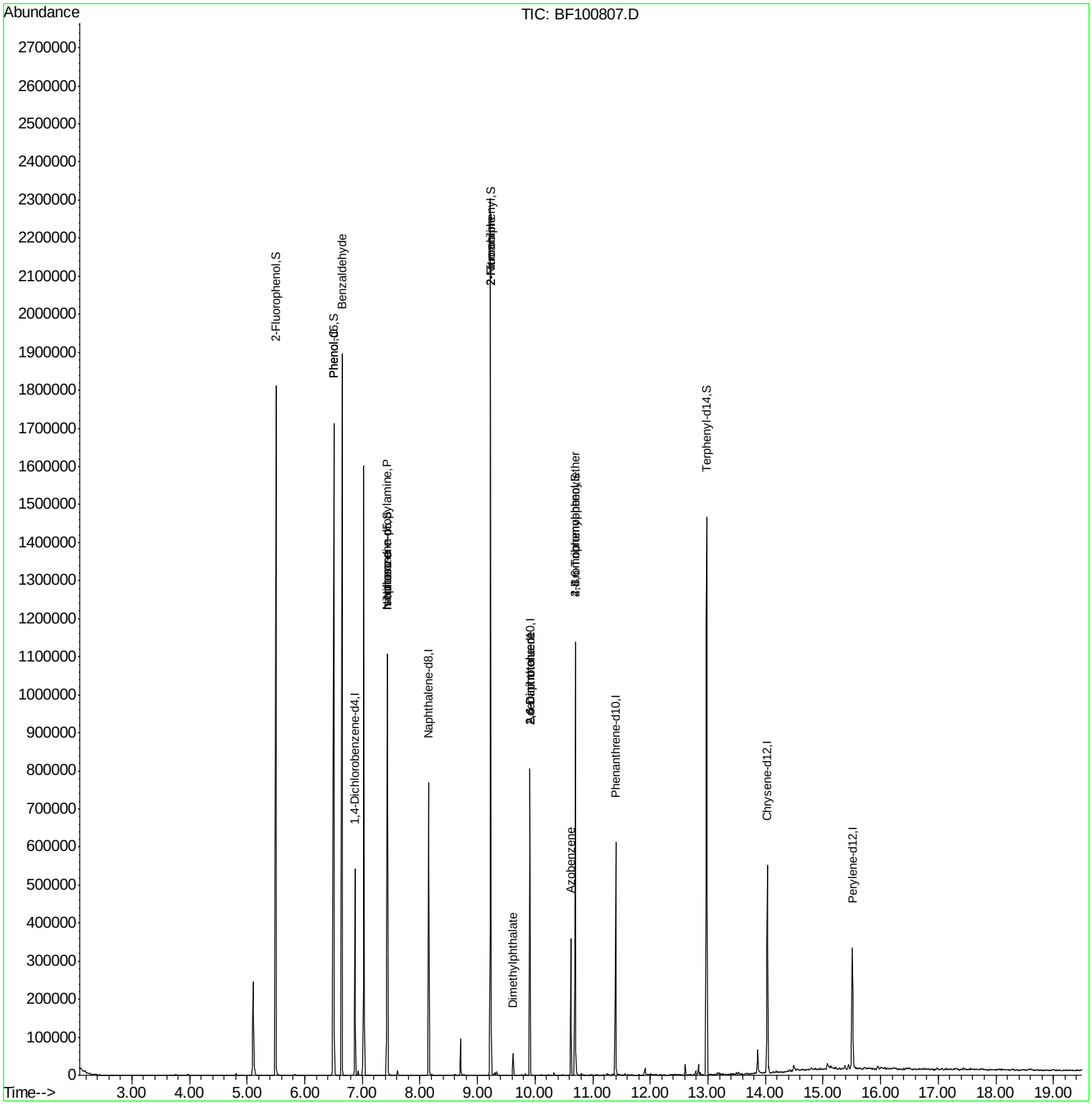
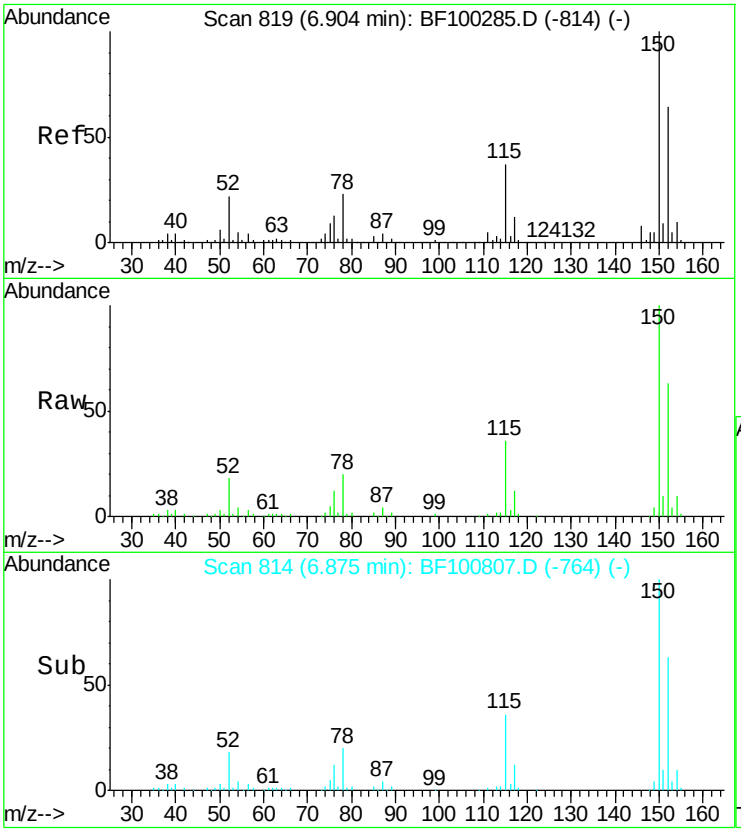


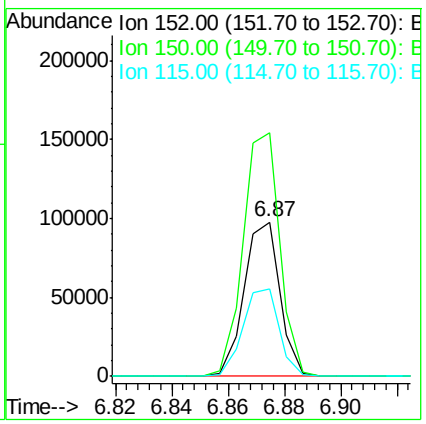


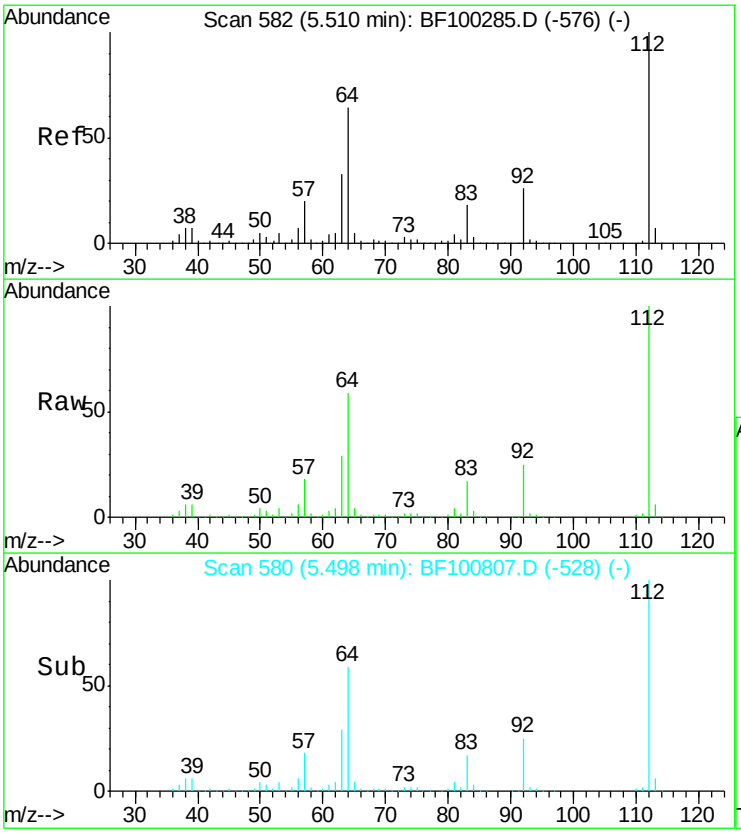
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 85951

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	57.0	50.1	75.1

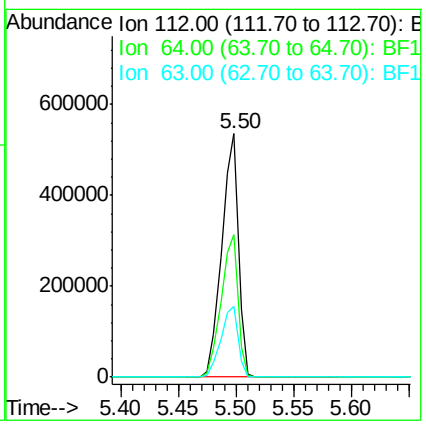


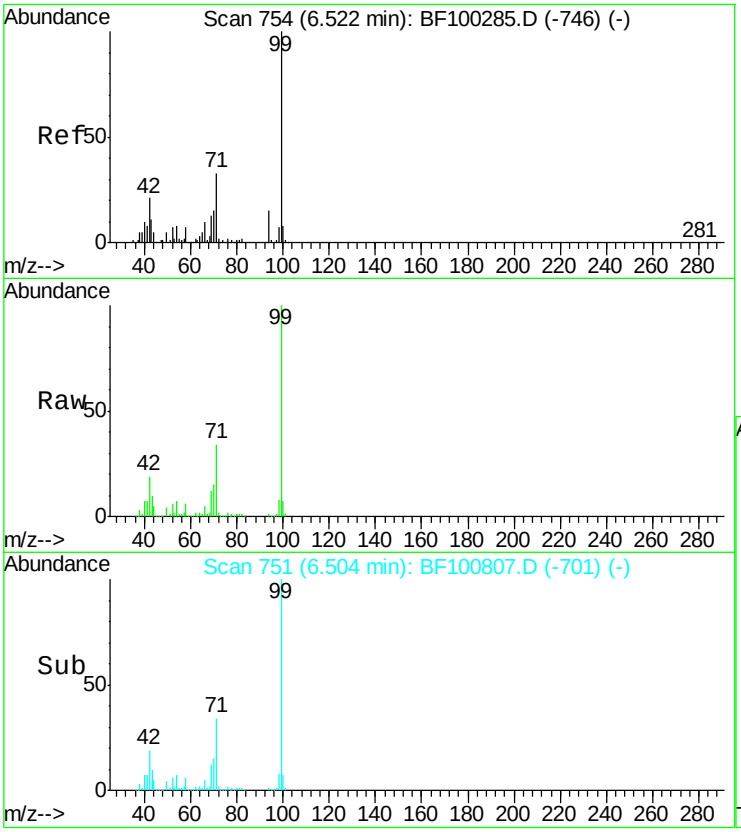


#5
2-Fluorophenol
Concen: 99.92 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:112 Resp: 535756

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.2	23.7	35.5



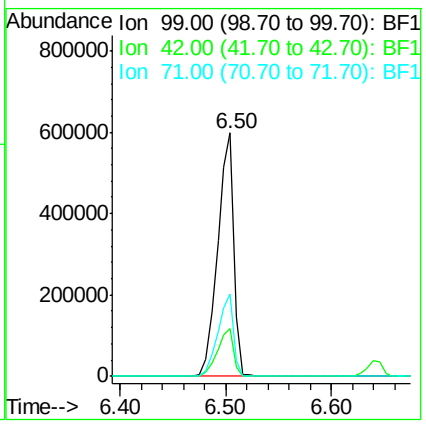


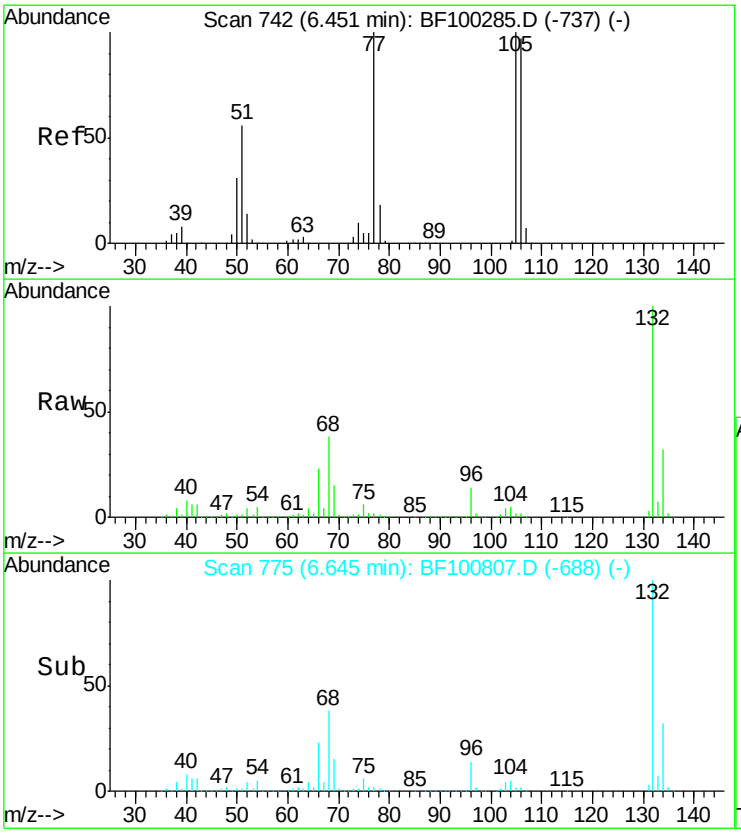
#7
Phenol-d6
Concen: 96.57 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 638547

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	34.0	25.4	38.0

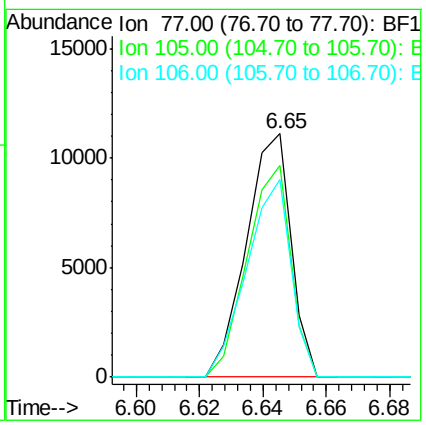


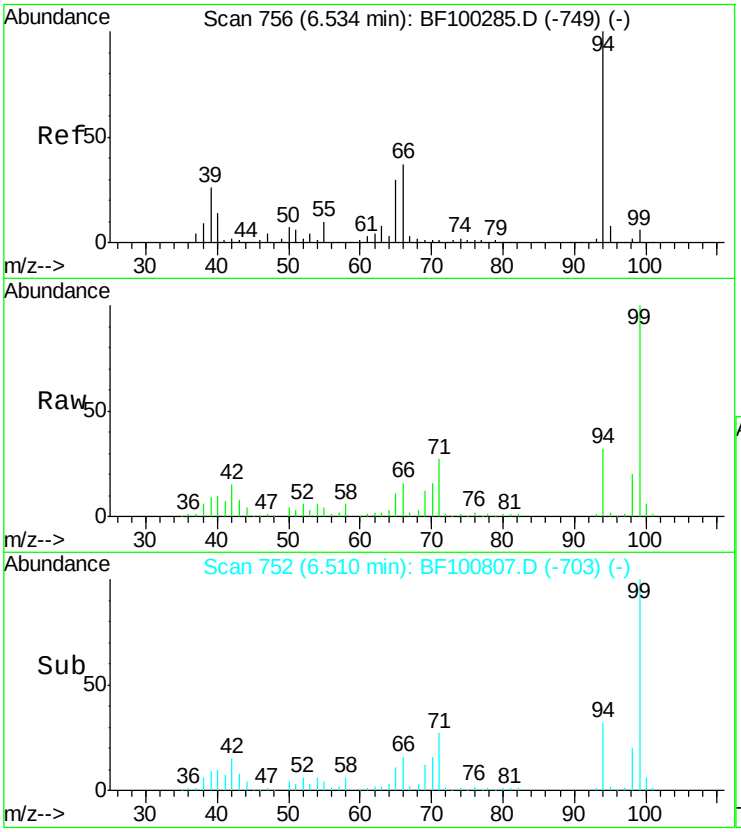


#9
Benzaldehyde
Concen: 2.30 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion: 77 Resp: 10876

Ion	Ratio	Lower	Upper
77	100		
105	86.9	81.1	121.1
106	81.3	74.5	114.5



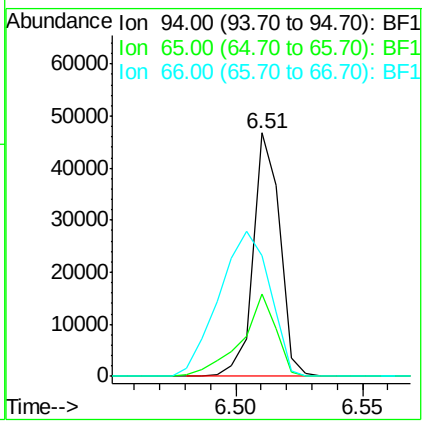


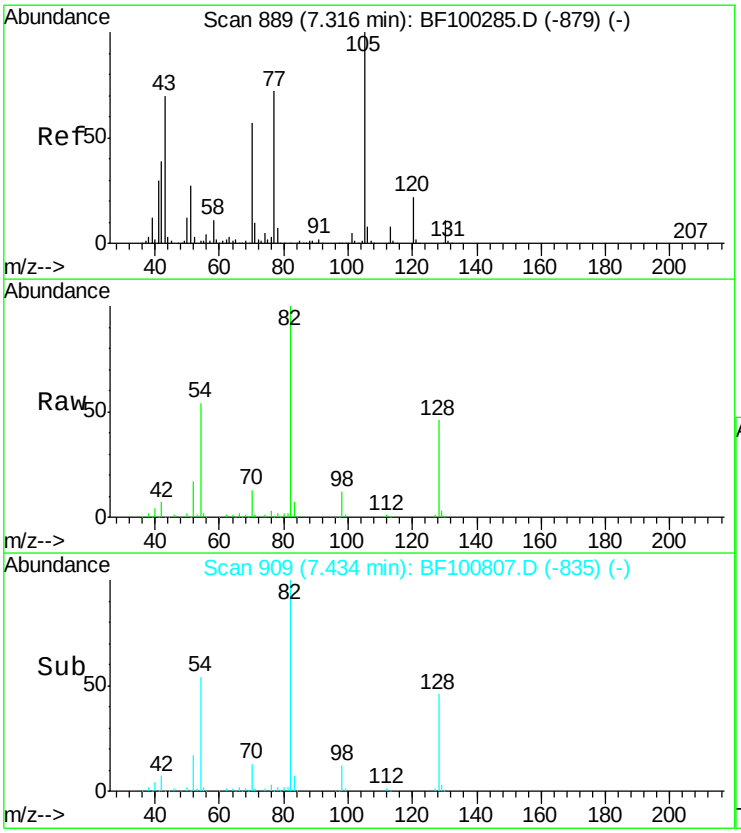
#10
Phenol
Concen: 4.95 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 34347

Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.9	47.9
66	49.8	16.2	56.2

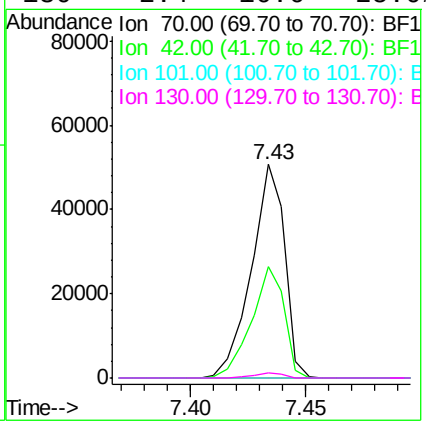


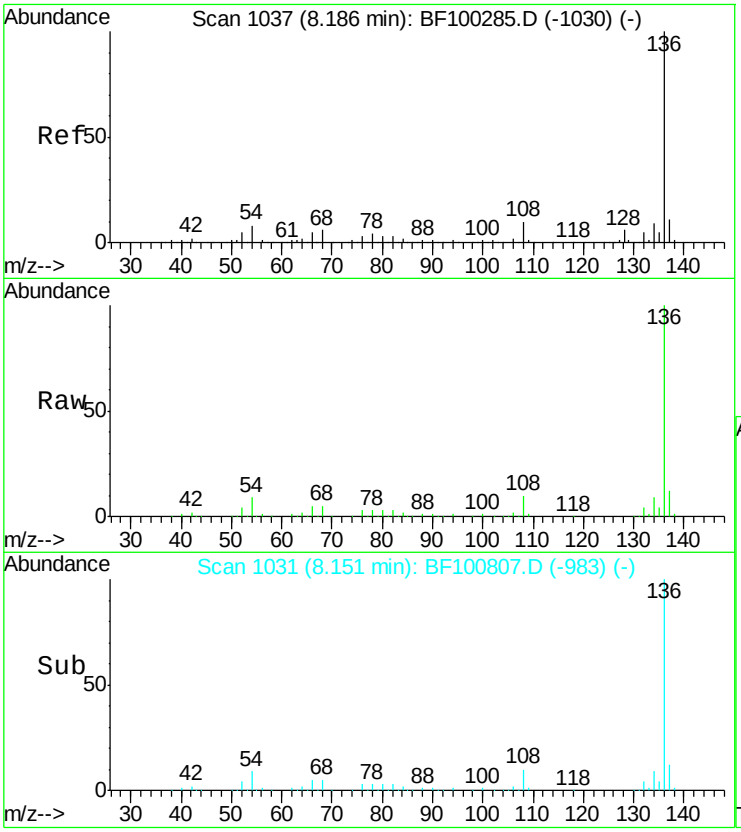


#19
n-Nitroso-di-n-propylamine
Concen: 11.09 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion: 70 Resp: 50861

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



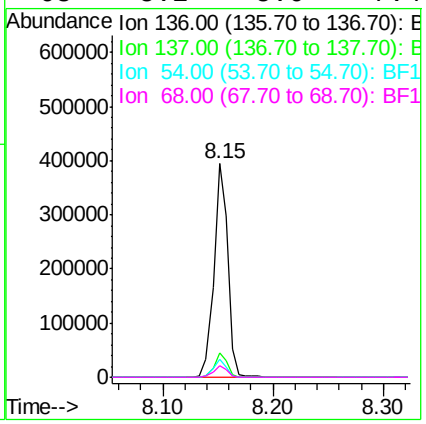


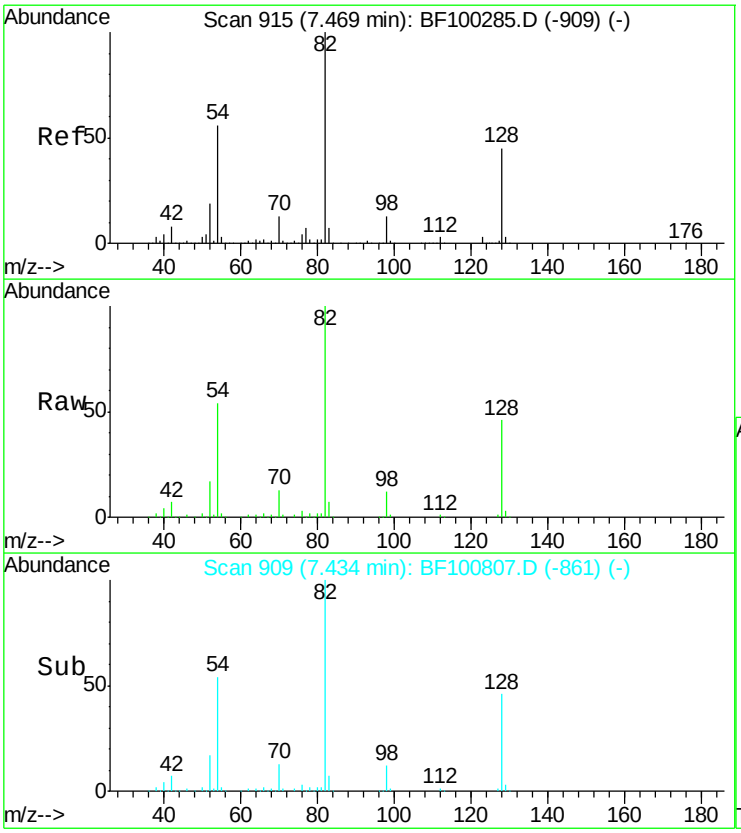
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 340264

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.5	6.6	9.8
68	5.2	5.0	7.4

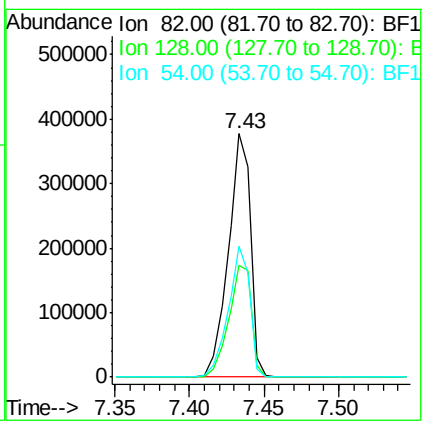


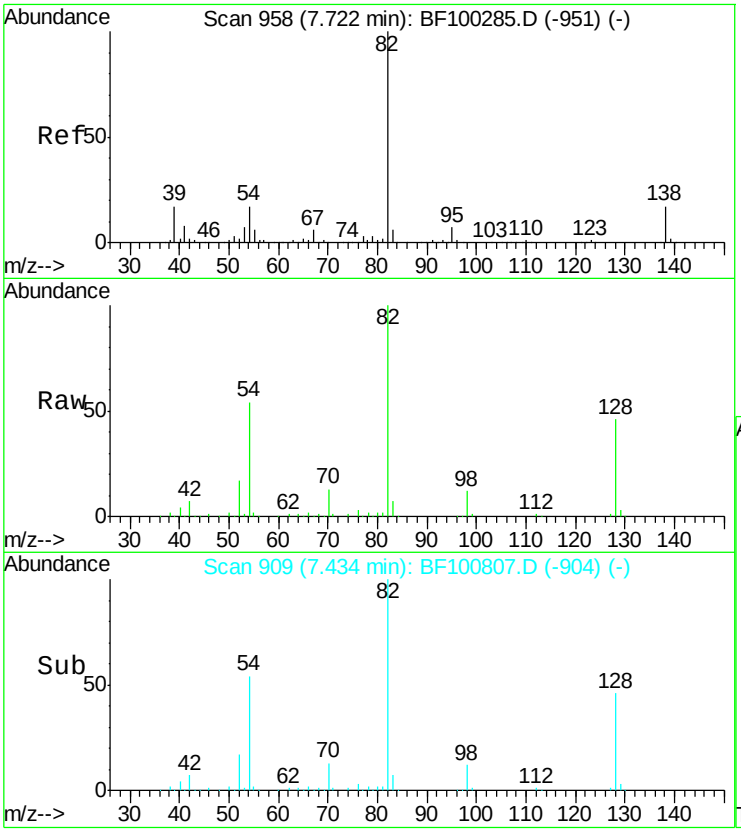


#23
Nitrobenzene-d5
Concen: 76.85 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion: 82 Resp: 395499

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.8	41.4	62.2



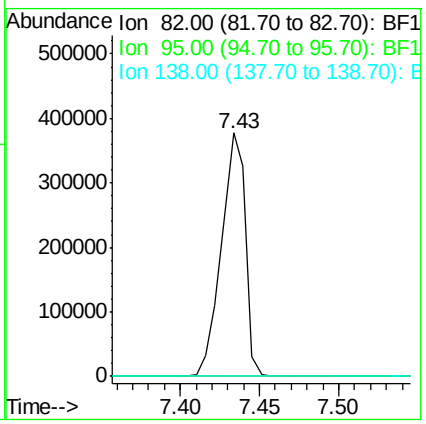


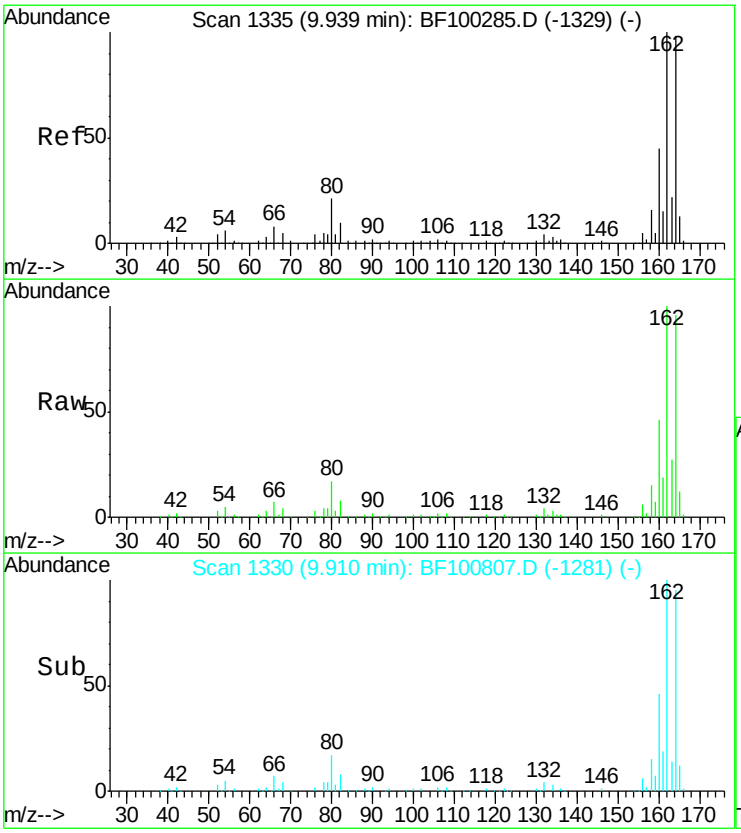
#25
Isophorone
Concen: 36.57 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 395491

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

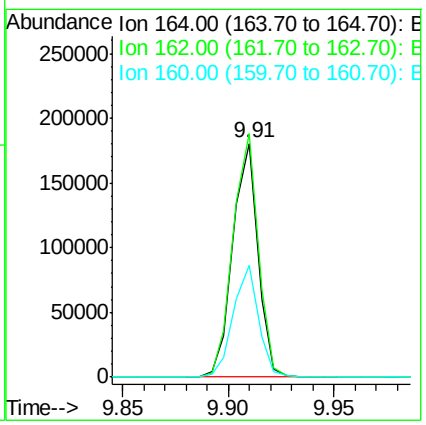


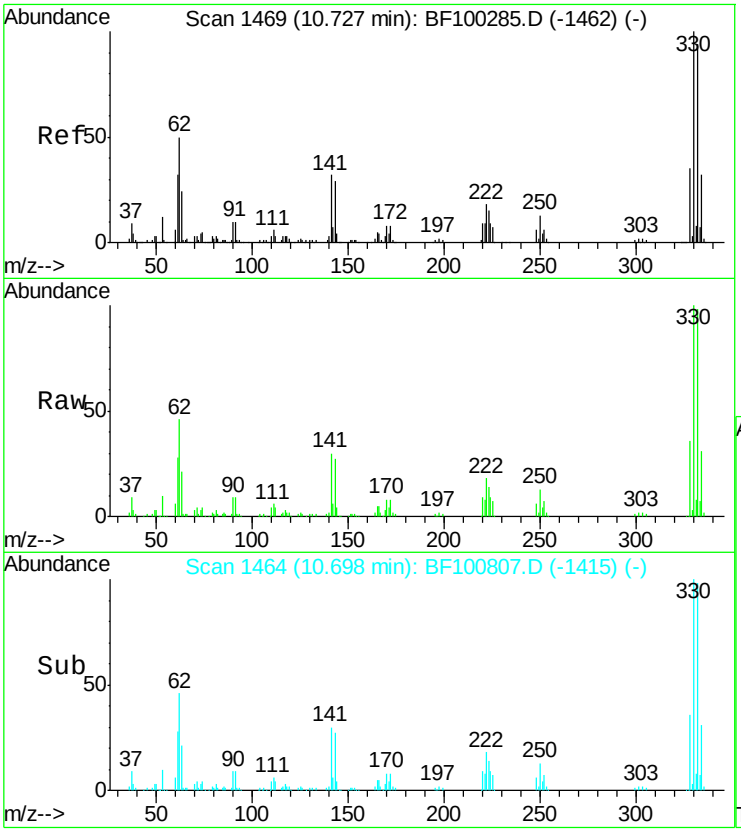


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:164 Resp: 147628

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.9	38.3	57.5



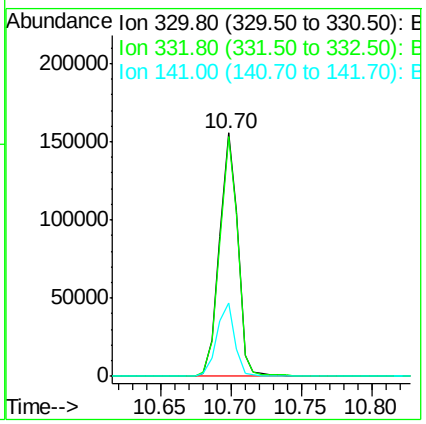


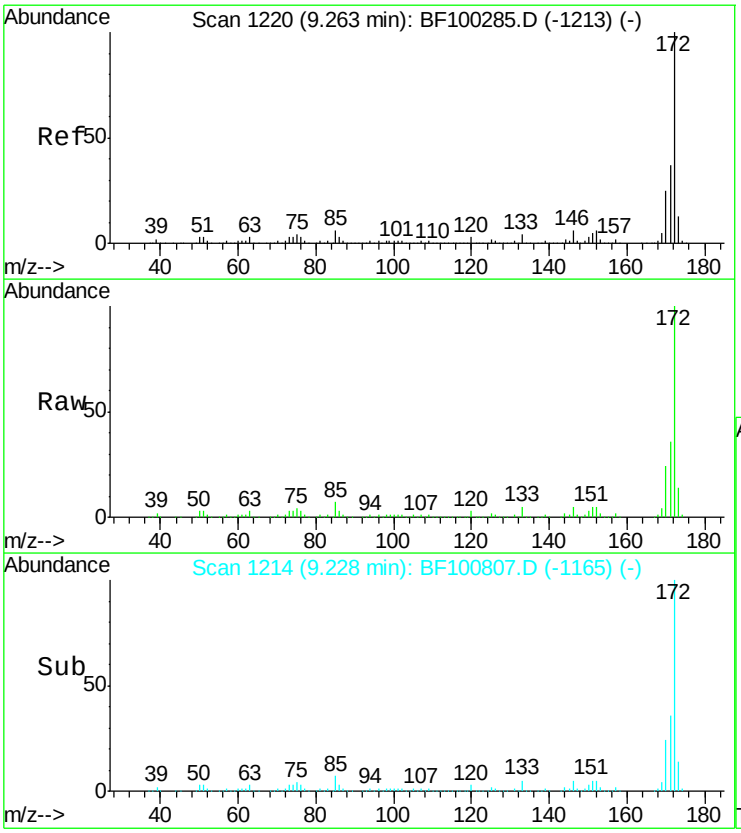
#41
2,4,6-Tribromophenol
Concen: 93.26 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 140297

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.1	29.9	44.9#

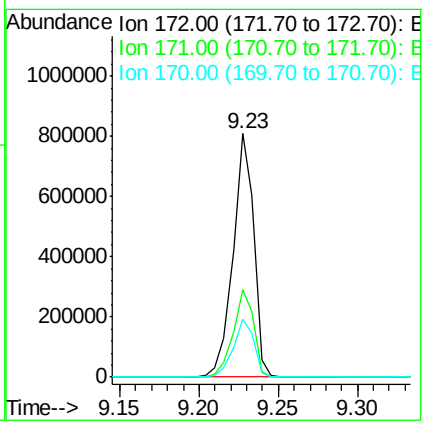


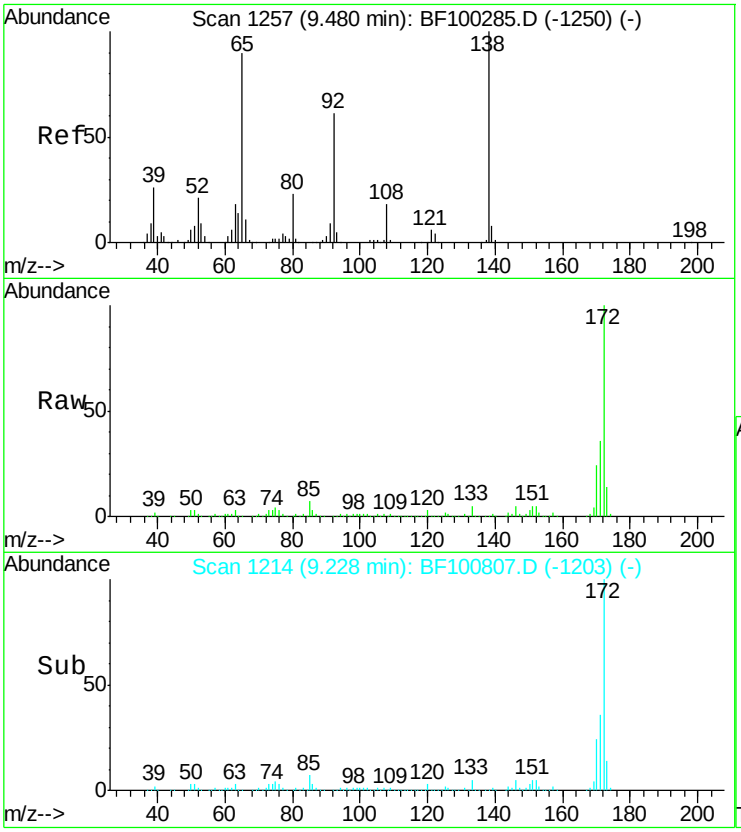


#44
2-Fluorobiphenyl
Concen: 75.59 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:172 Resp: 732848

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4



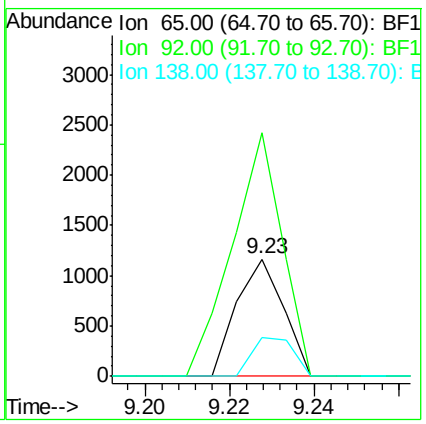


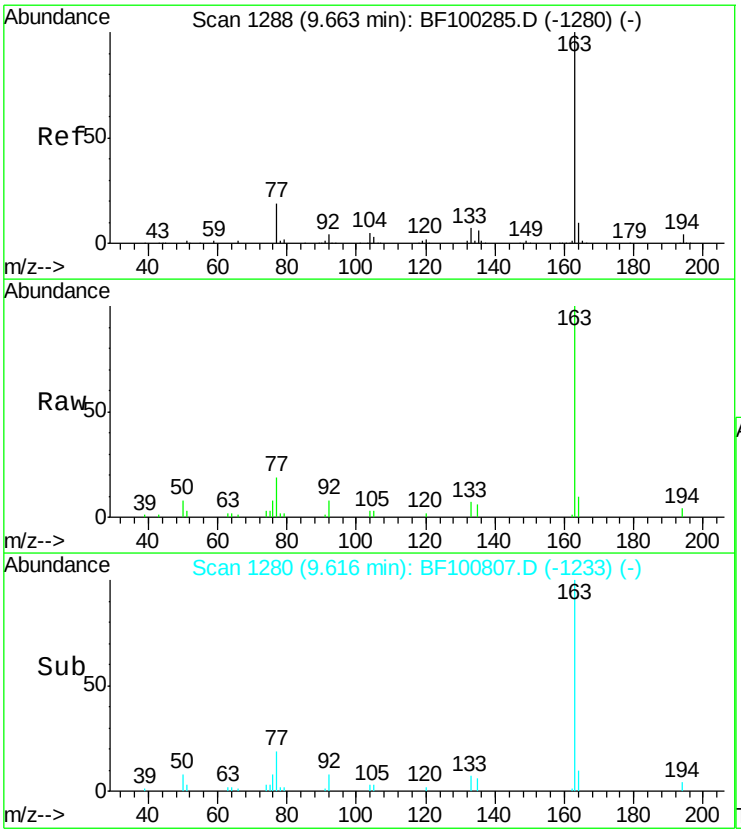
#47
2-Nitroaniline
Concen: 3.09 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.24 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 892

Ion	Ratio	Lower	Upper
65	100		
92	208.3	55.8	83.6#
138	32.8	91.2	136.8#

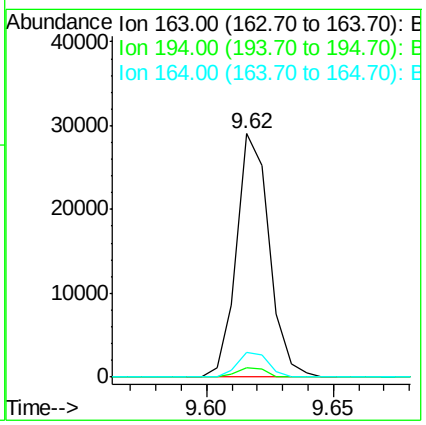


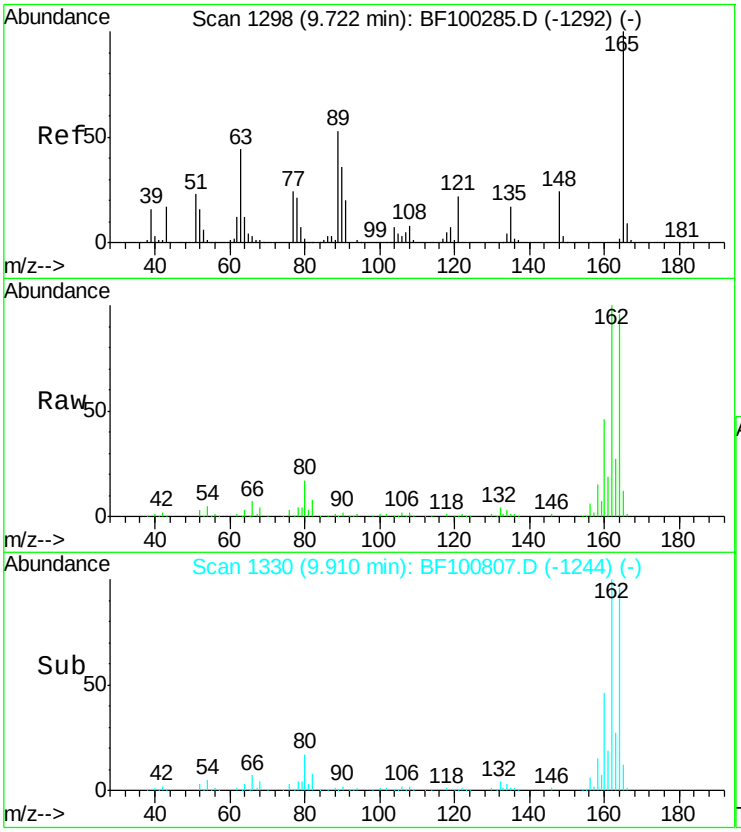


#49
Dimethylphthalate
Concen: 2.30 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:163 Resp: 25958

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2



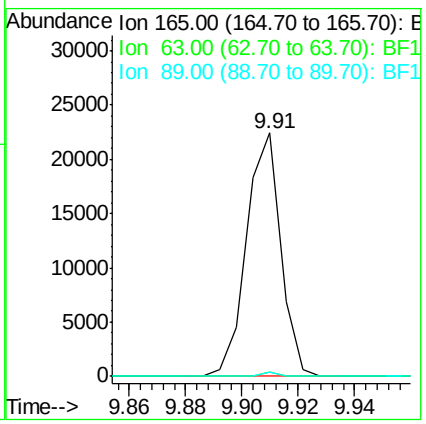


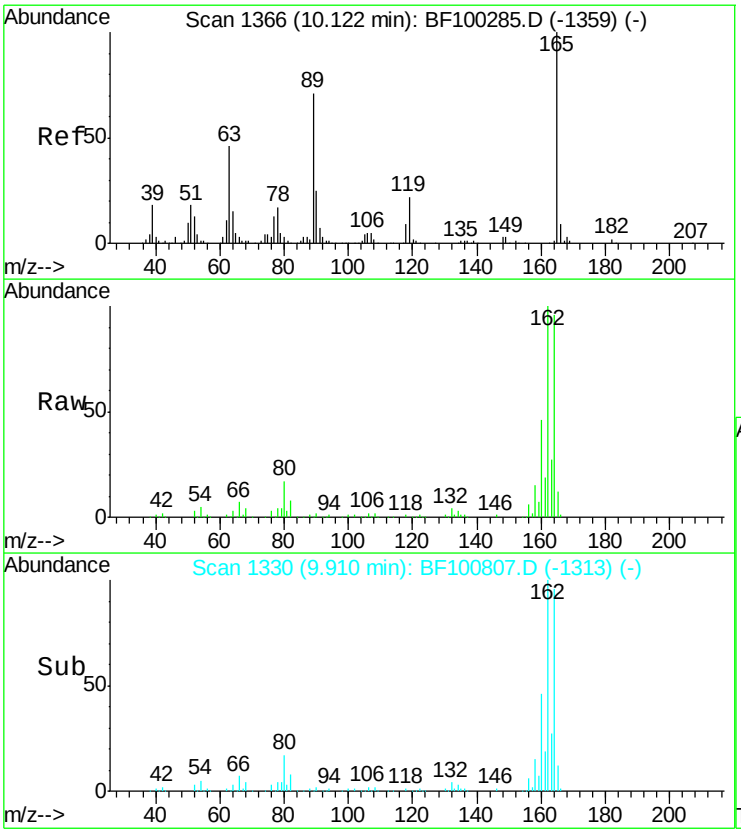
#50
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18891

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.5	44.0	66.0#

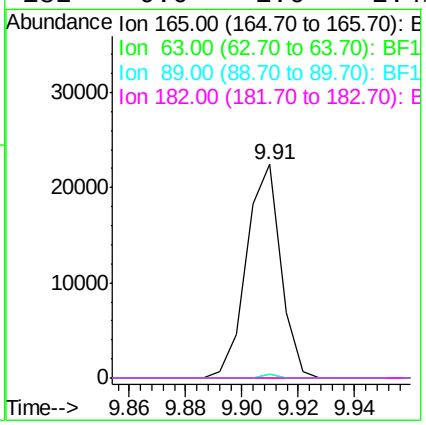


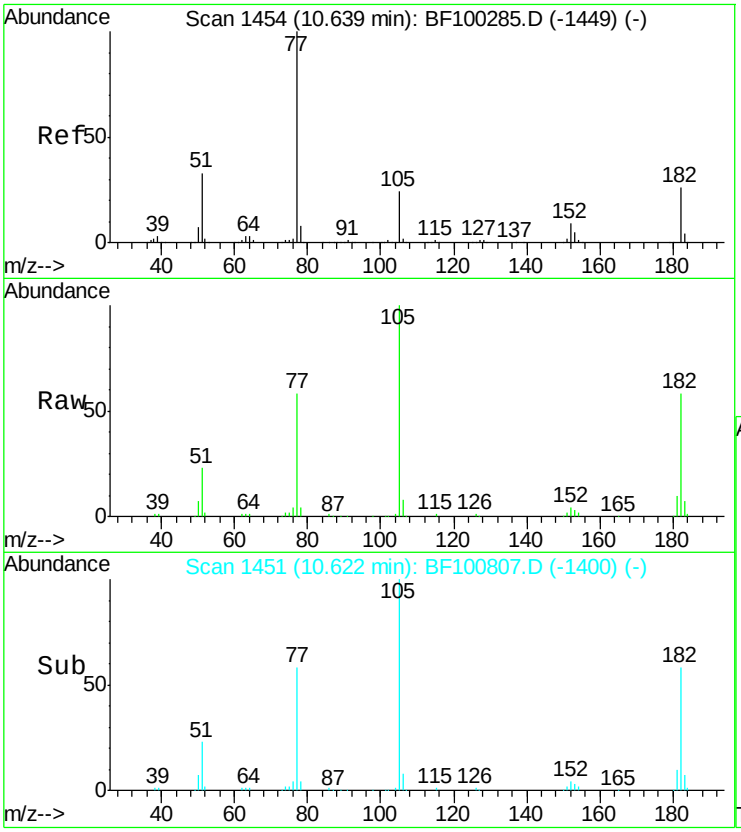


#56
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:165 Resp: 18891

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



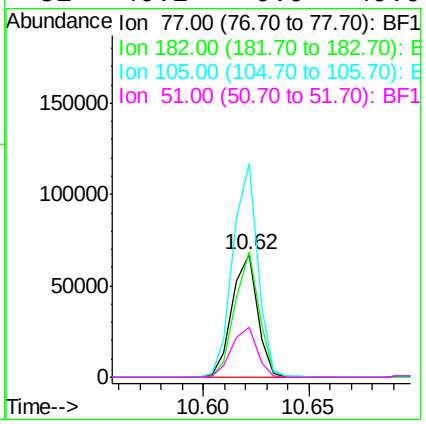


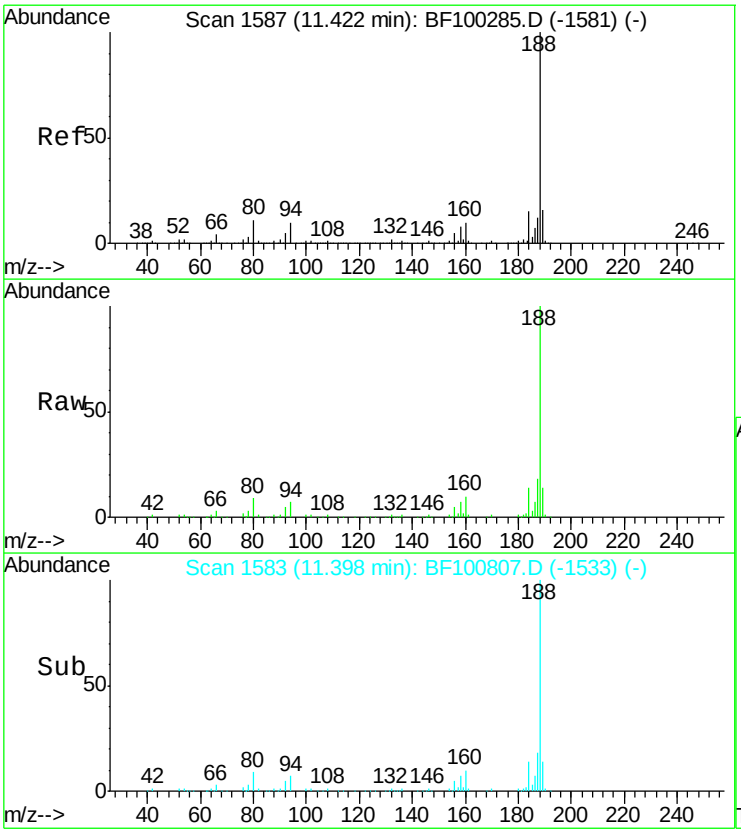
#62
Azobenzene
Concen: 5.26 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 55852

Ion	Ratio	Lower	Upper
77	100		
182	101.6	1.7	41.7#
105	173.9	3.0	43.0#
51	40.2	9.9	49.9

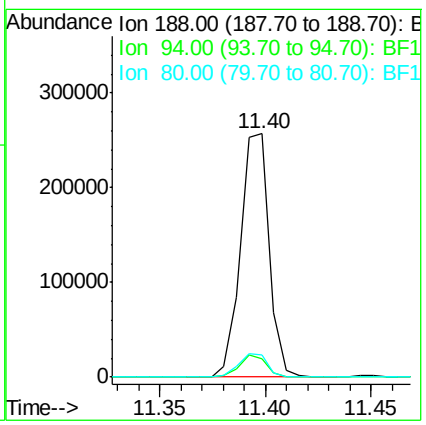


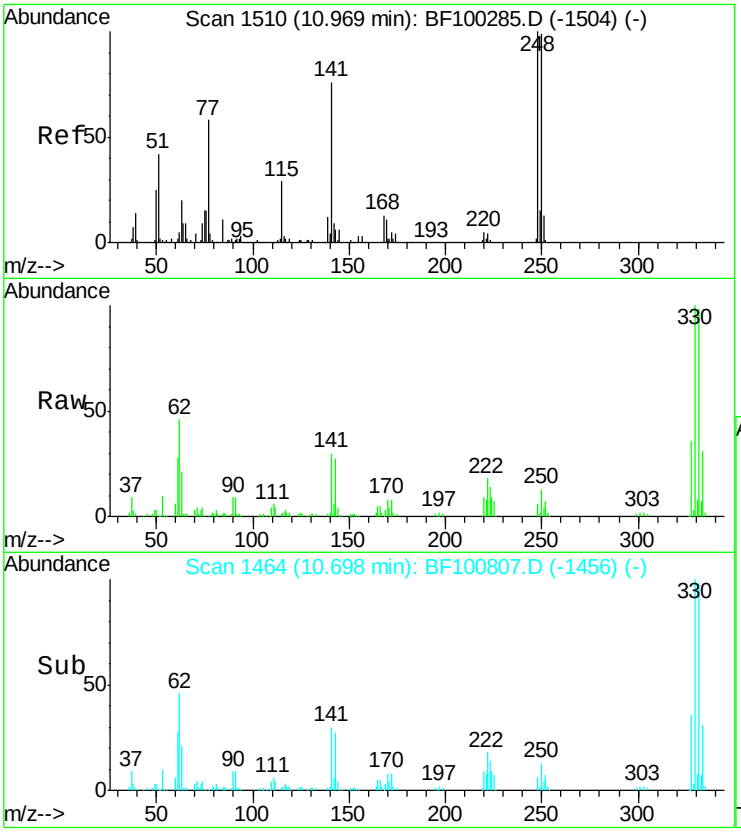


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:188 Resp: 241836

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.9	9.2	13.8#



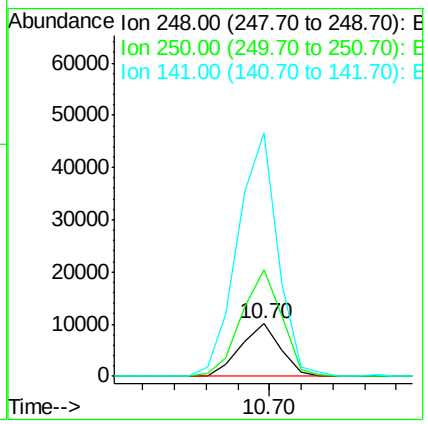


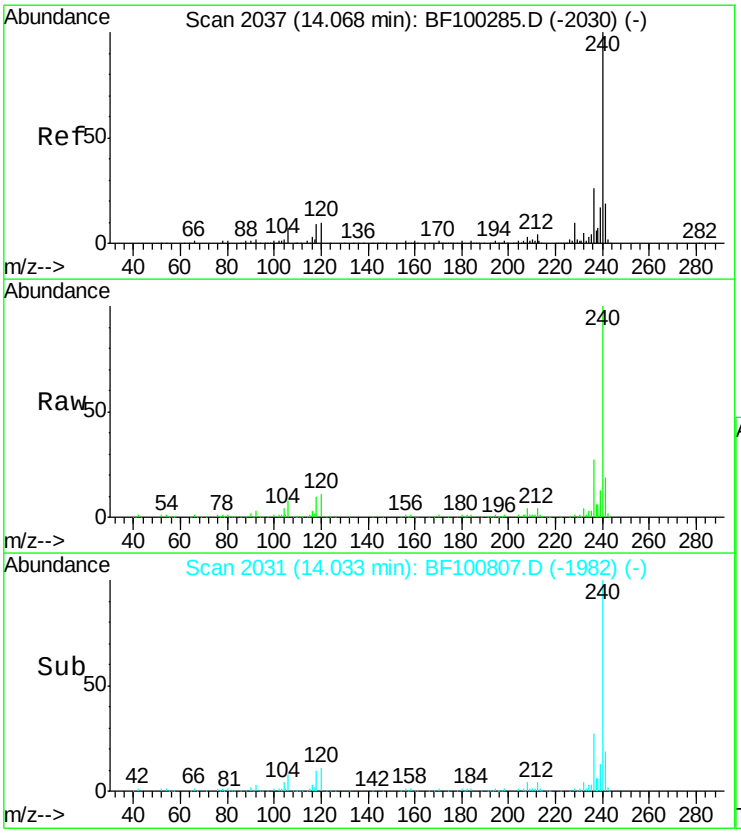
#66
4-Bromophenyl-phenylether
Concen: 3.41 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8835

Ion	Ratio	Lower	Upper
248	100		
250	202.7	76.9	115.3#
141	461.8	74.4	111.6#

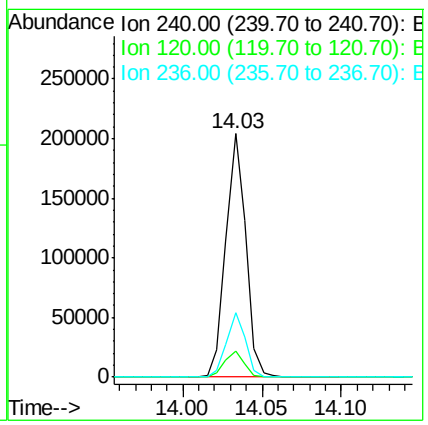


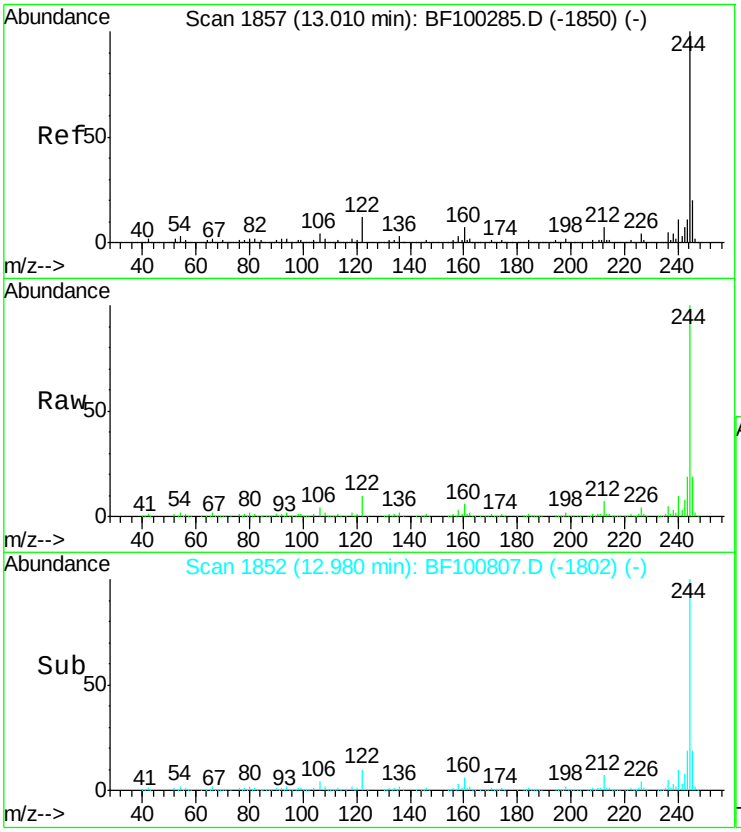


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:240 Resp: 178320

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.7	20.7	31.1



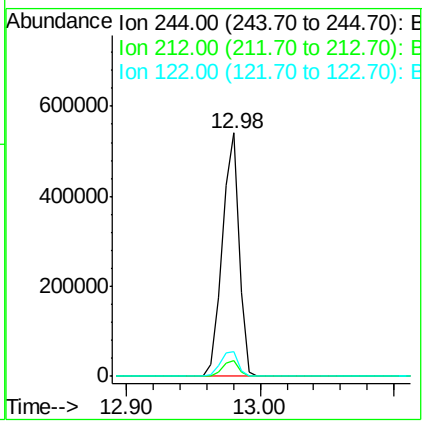


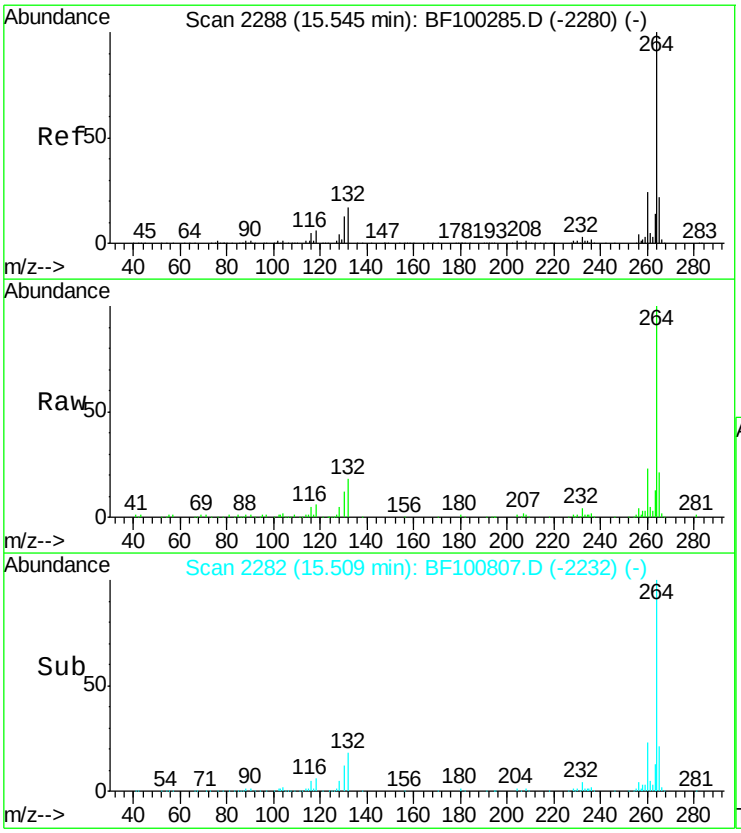
#78
Terphenyl-d14
Concen: 62.23 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 482975

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.2	11.0	16.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:264 Resp: 156483

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.5	26.3