Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102159.D
Acq On : 17 Jan 2018 19:27
Operator : SJ/JU
Sample : J1144-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 18 01:09:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148674	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	575949	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	242290	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	352241	20.00	ng		0.00
75) Chrysene-d12	13.87	240	247459	20.00	ng		0.00
86) Perylene-d12	15.29	264	203257	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	986579	93.70	ng		0.01
7) Phenol-d6	6.36	99	1161569	92.47	ng		0.00
23) Nitrobenzene-d5	7.29	82	702011	71.63	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	211588	100.07	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	975871	62.92	ng		0.00
78) Terphenyl-d14	12.82	244	584969	49.08	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	21936	2.515	ng		84
10) Phenol	6.37	94	53123	3.742	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	94370	11.464	ng	#	81
25) Isophorone	7.29	82	698182	36.052	ng	#	64
49) Dimethylphthalate	9.47	163	172289	8.864	ng		98
56) 2,4-Dinitrotoluene	9.75	165	30970	6.364	ng	#	24
62) Azobenzene	10.47	77	134728	7.004	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.54	198	537	5.910	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	13870	3.729	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.86	149	187877	16.315	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102159.D
Acq On : 17 Jan 2018 19:27
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
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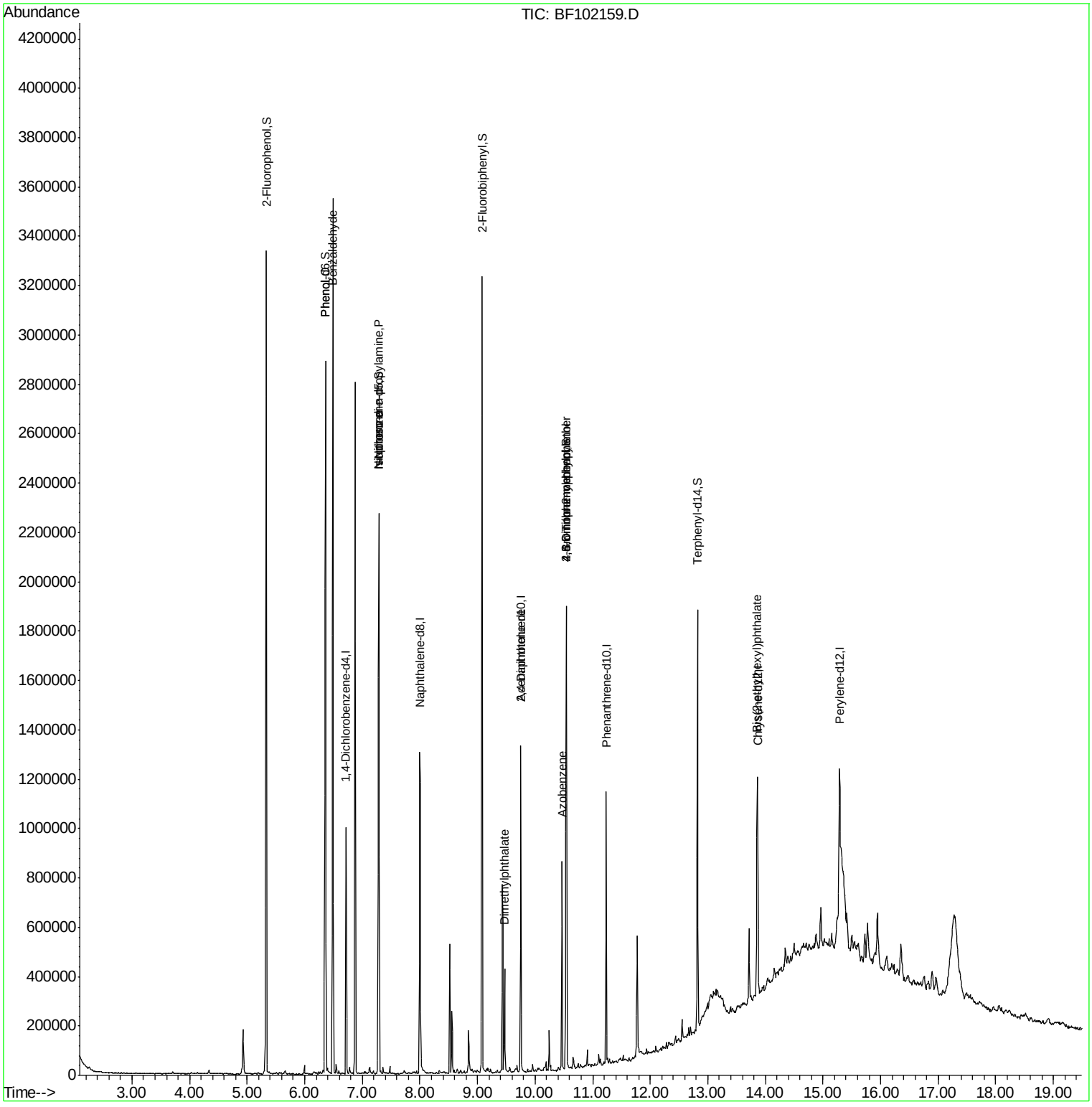
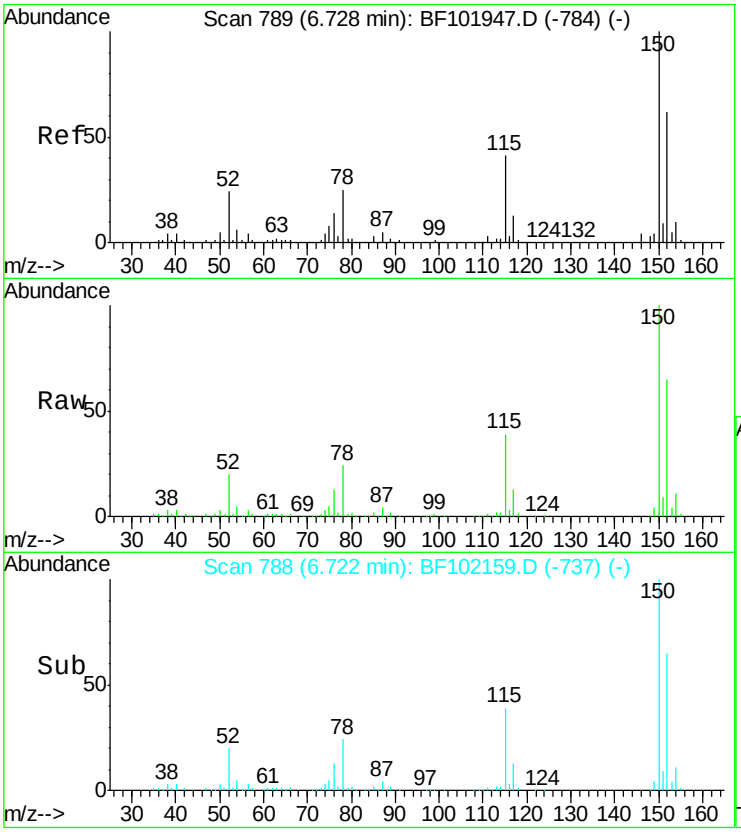


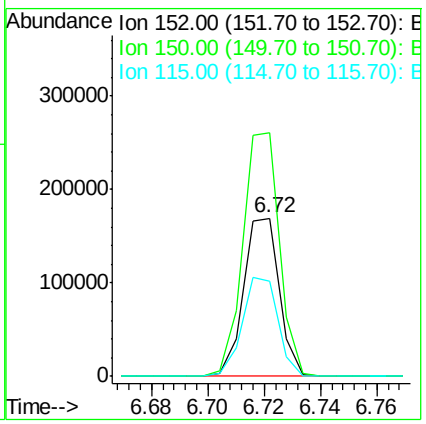


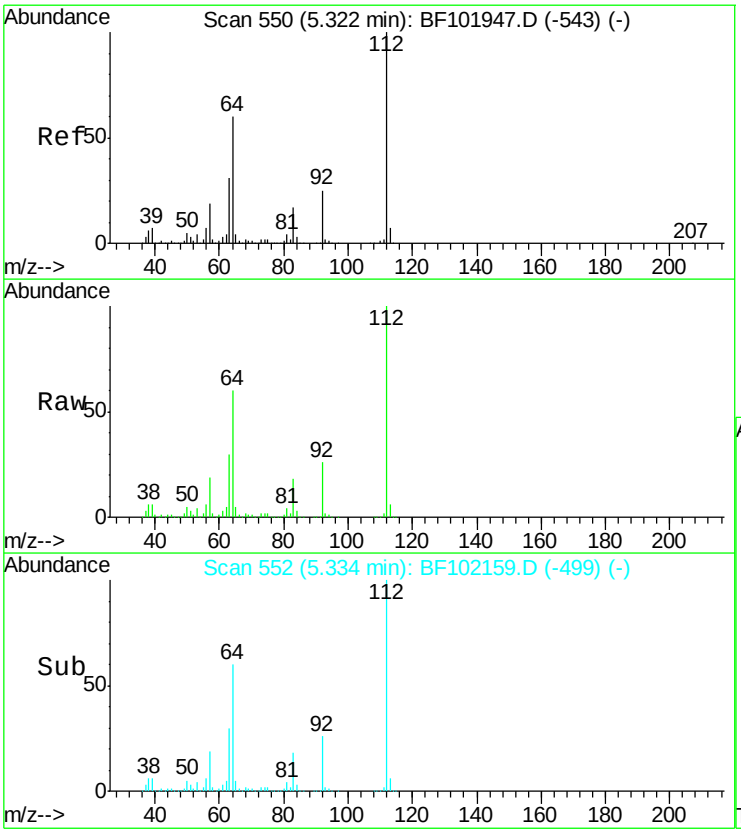
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 148674

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	60.6	50.1	75.1

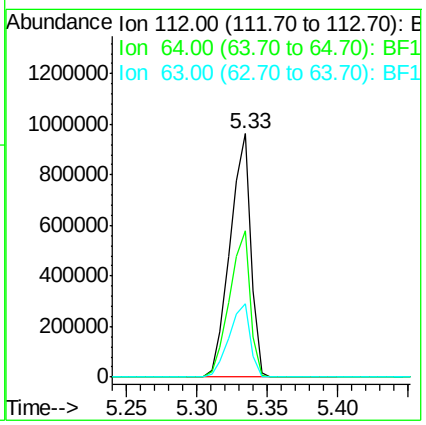


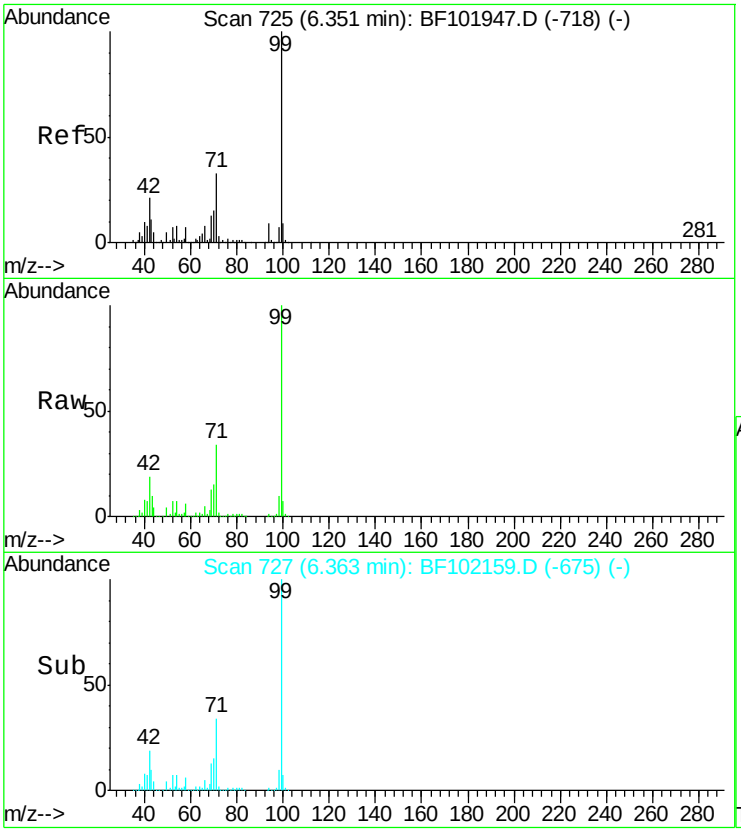


#5
2-Fluorophenol
Concen: 93.704 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:112 Resp: 986579

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.3	23.7	35.5



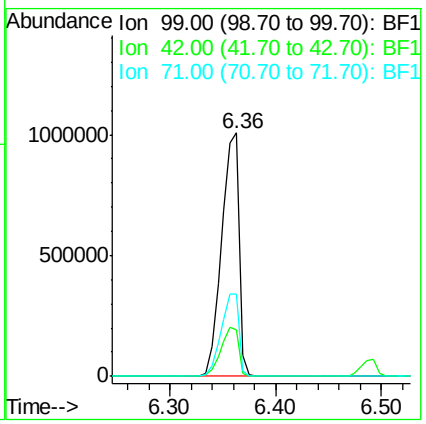


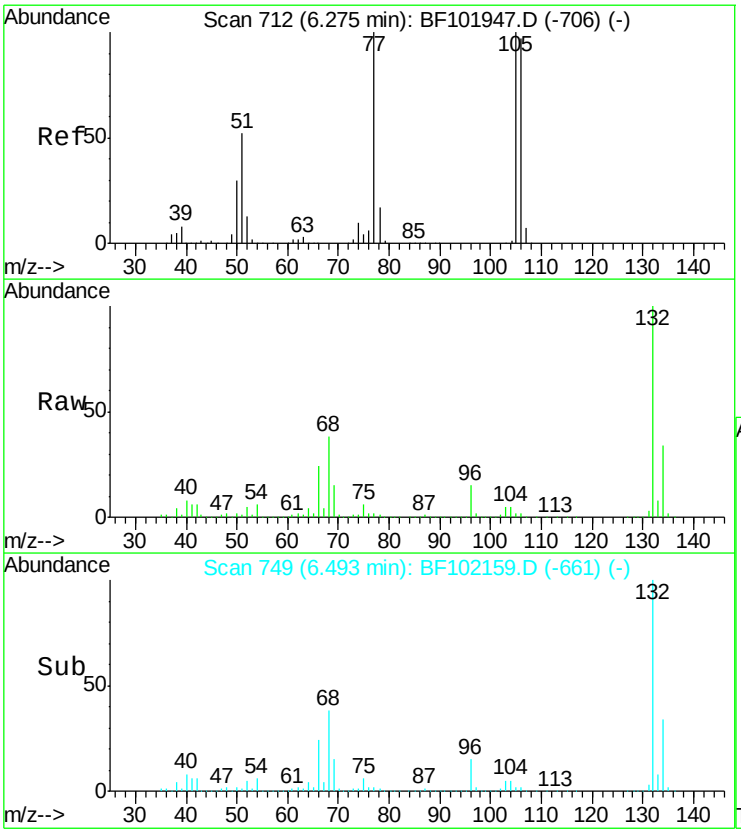
#7
Phenol-d6
Concen: 92.468 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1161569

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.9	25.4	38.0

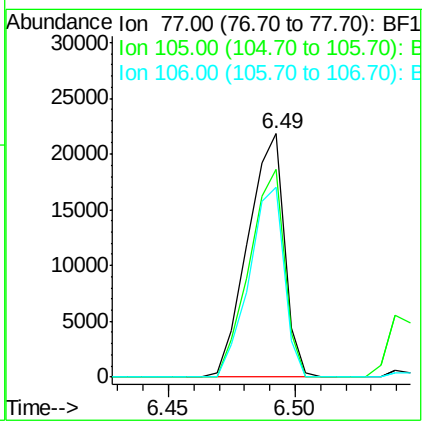


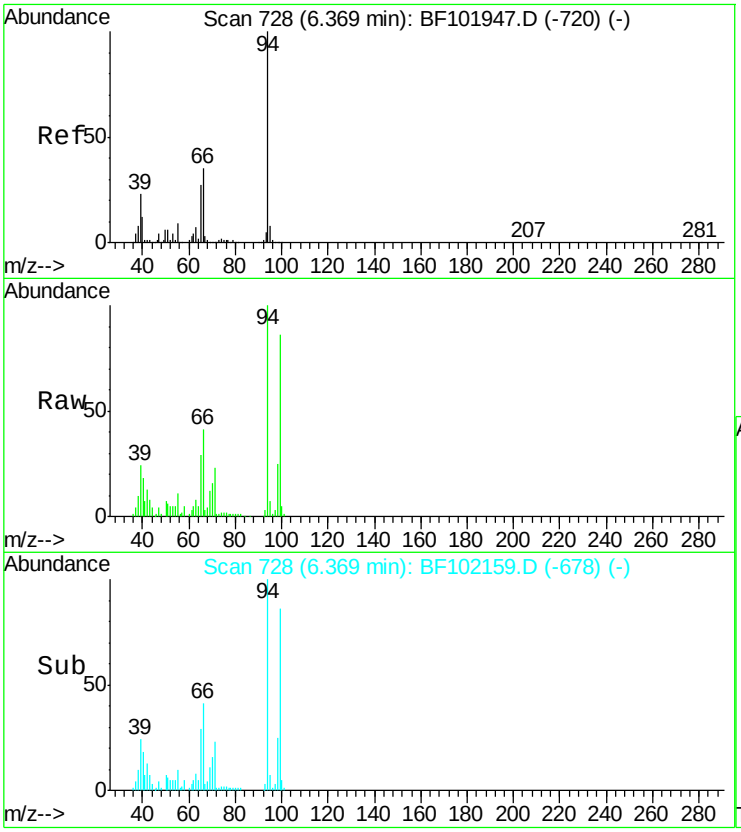


#9
Benzaldehyde
Concen: 2.515 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion: 77 Resp: 21936

Ion	Ratio	Lower	Upper
77	100		
105	85.1	81.1	121.1
106	78.1	74.5	114.5



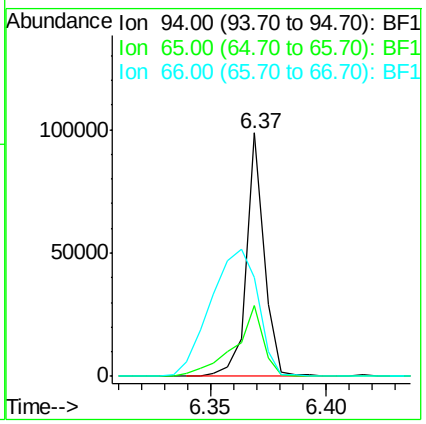


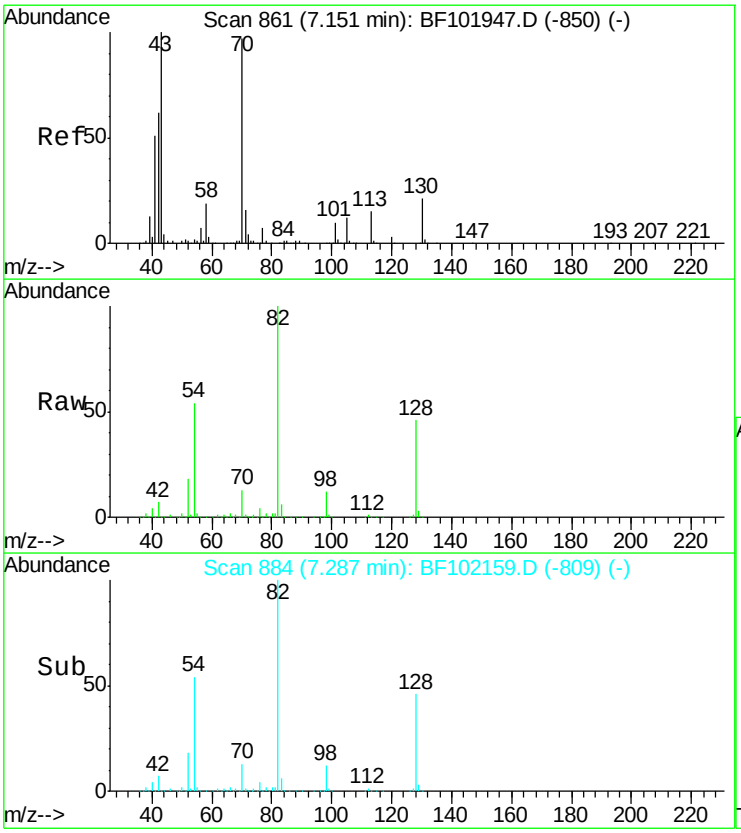
#10
Phenol
Concen: 3.742 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 53123

Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.9	47.9
66	40.5	16.2	56.2

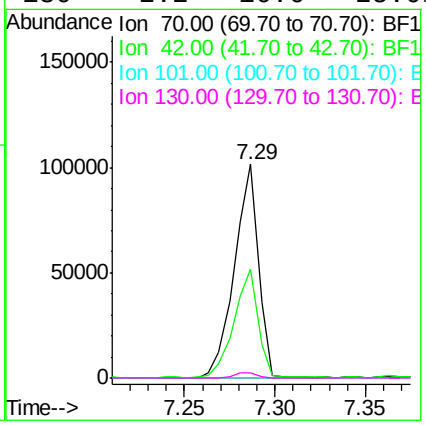


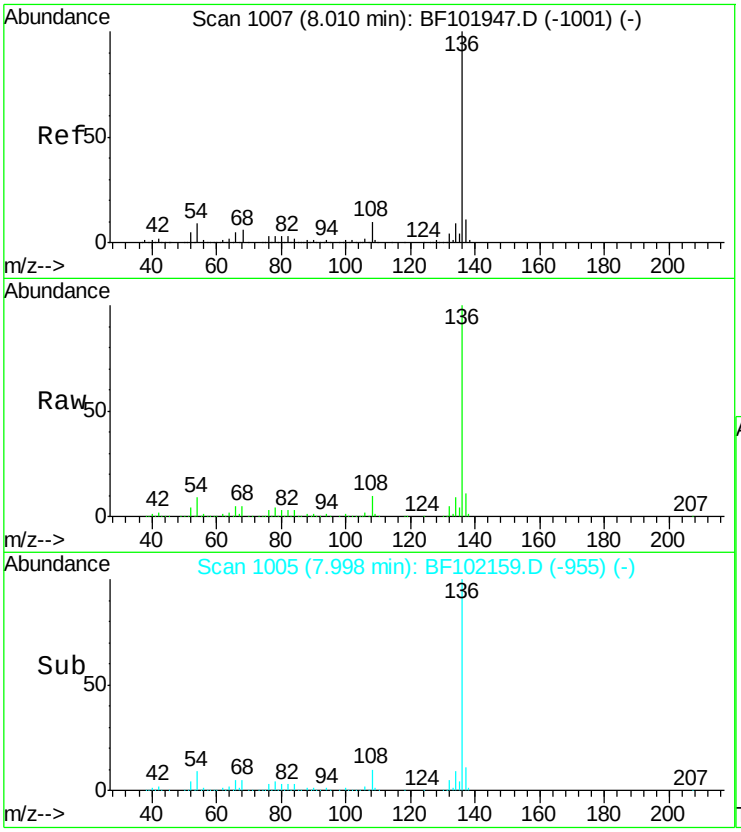


#19
n-Nitroso-di-n-propylamine
Concen: 11.464 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion: 70 Resp: 94370

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



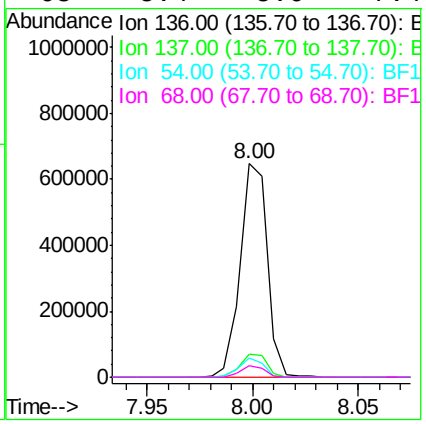


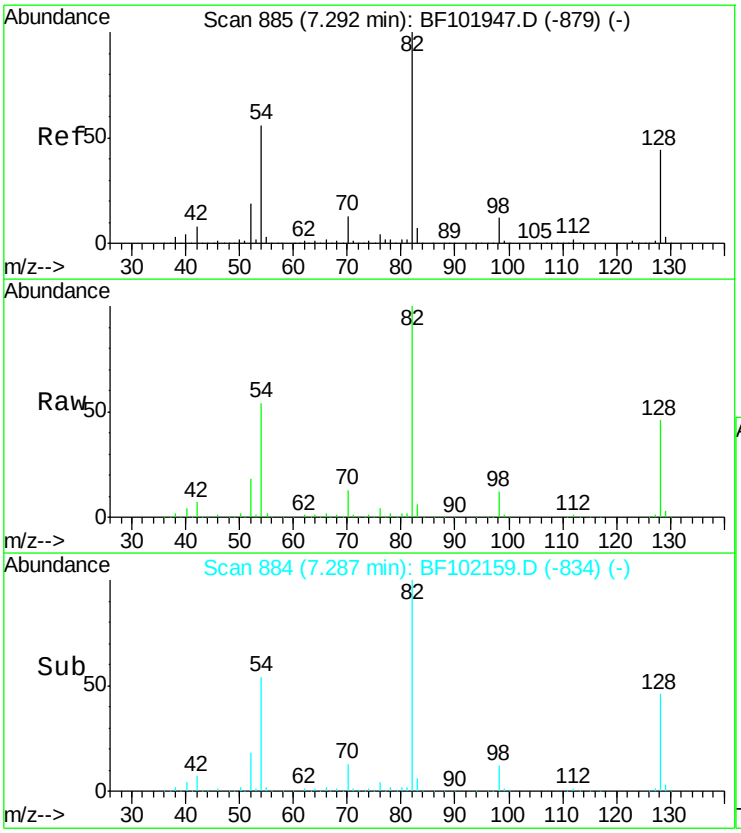
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 575949

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	5.4	5.0	7.4

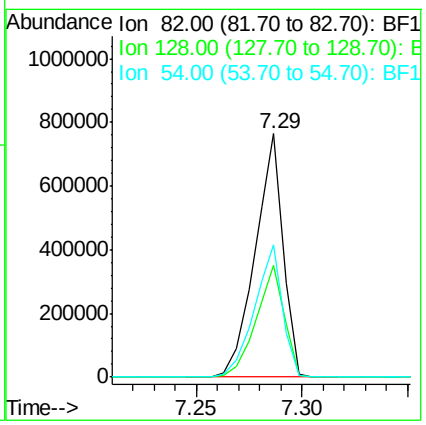


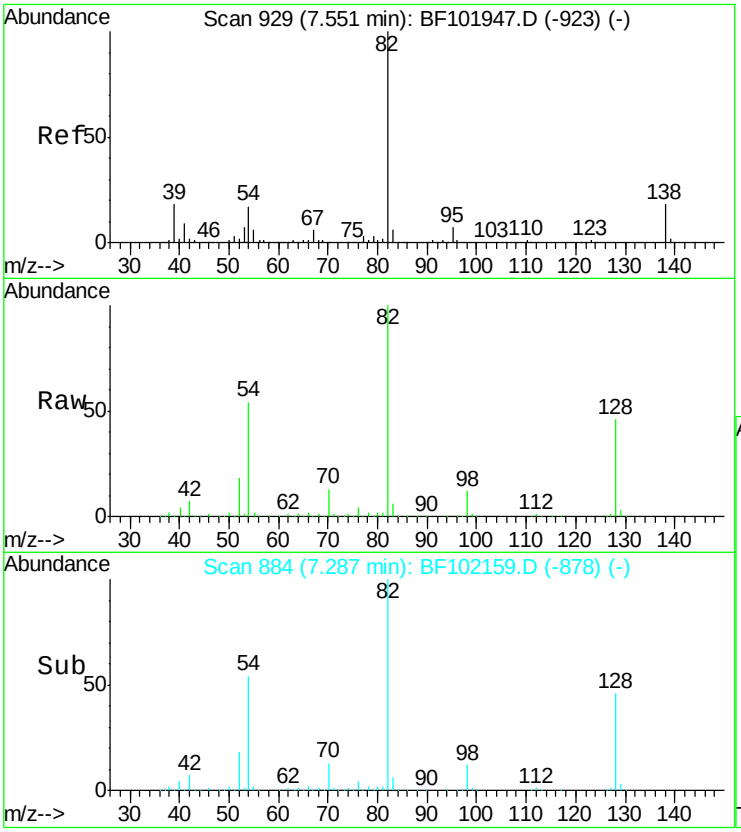


#23
Nitrobenzene-d5
Concen: 71.626 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion: 82 Resp: 702011

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.4	41.4	62.2



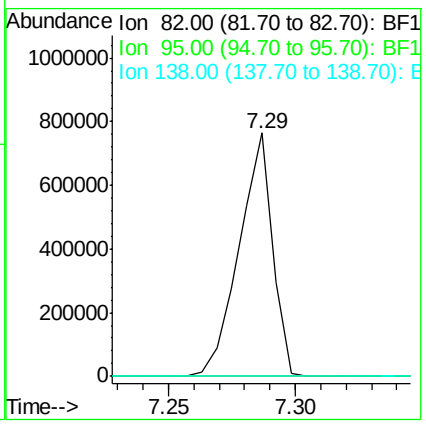


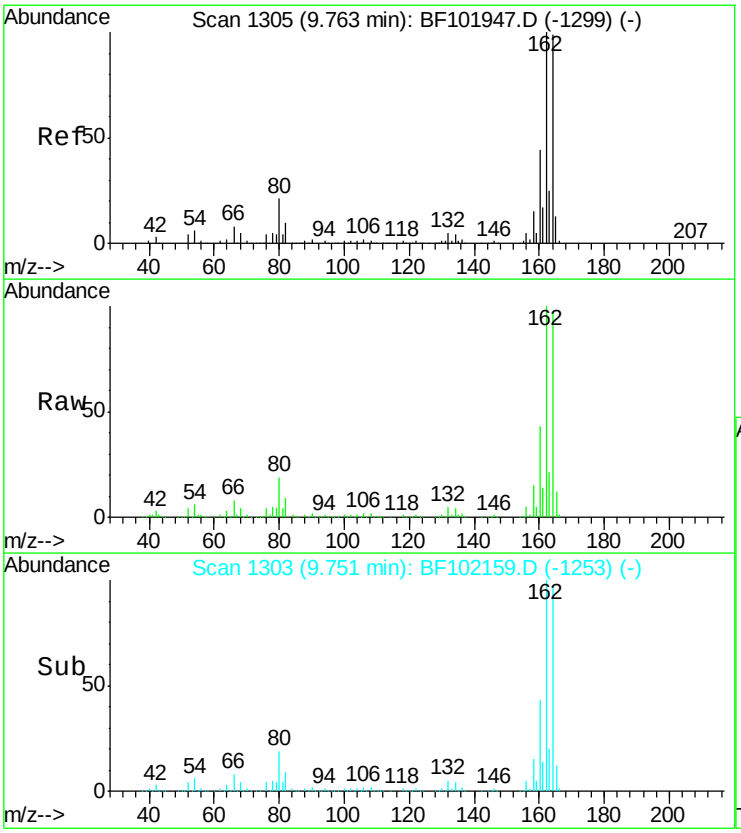
#25
Isophorone
Concen: 36.052 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 698182

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

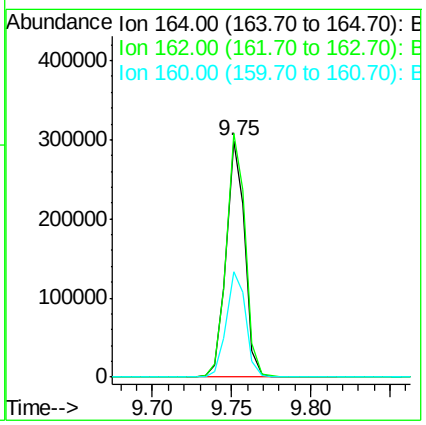


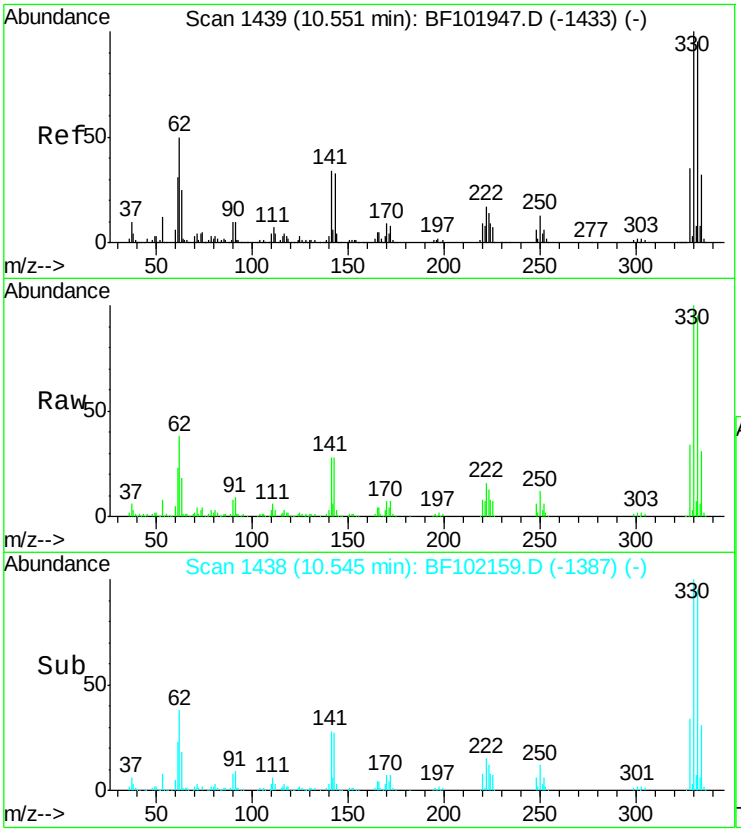


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:164 Resp: 242290

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.8	38.3	57.5



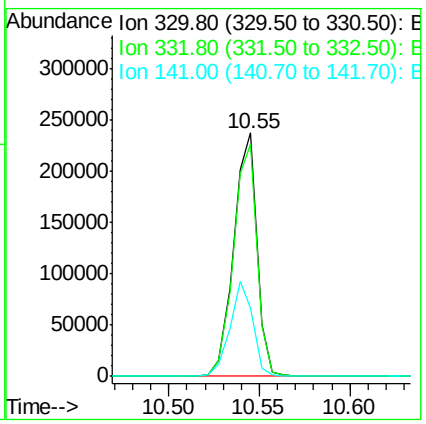


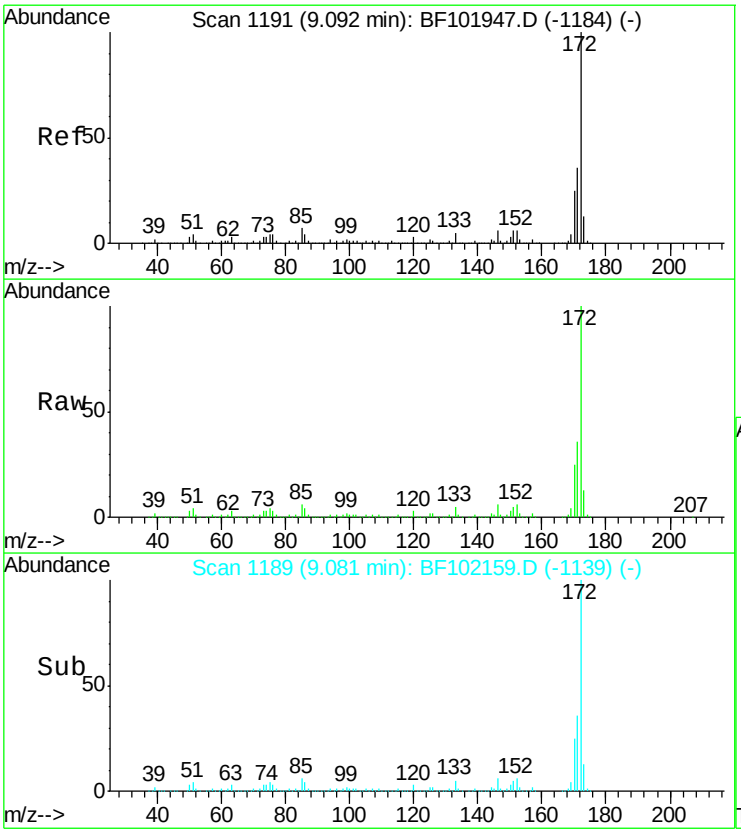
#41
2,4,6-Tribromophenol
Concen: 100.068 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 211588

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	38.8	29.9	44.9

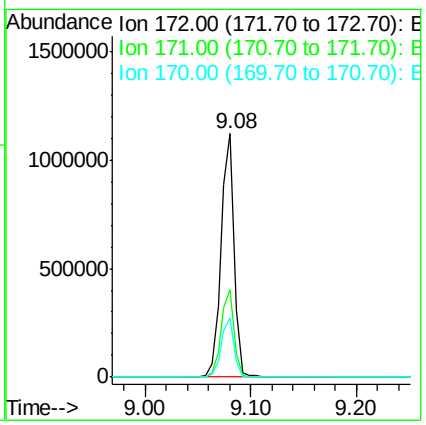


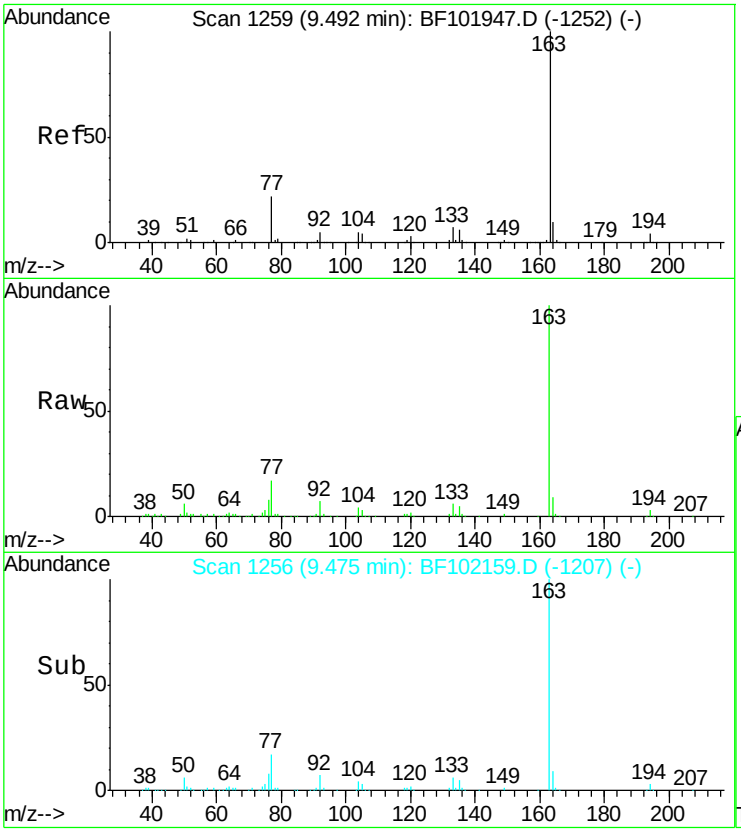


#44
2-Fluorobiphenyl
Concen: 62.924 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:172 Resp: 975871

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.6	19.6	29.4



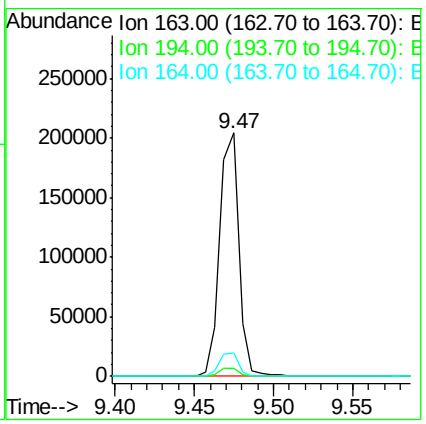


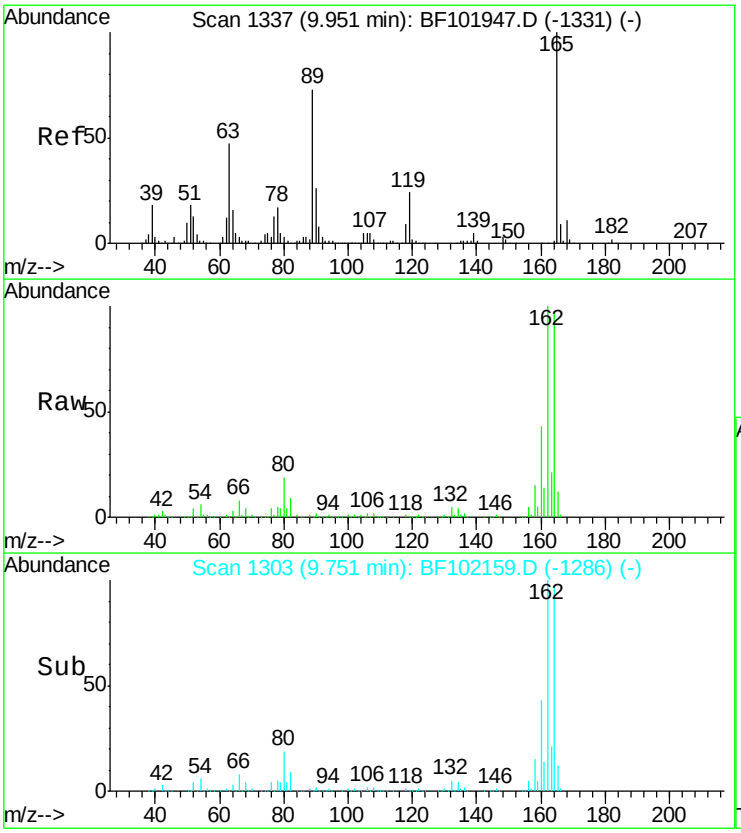
#49
Dimethylphthalate
Concen: 8.864 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 172289

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.4	8.2	12.2

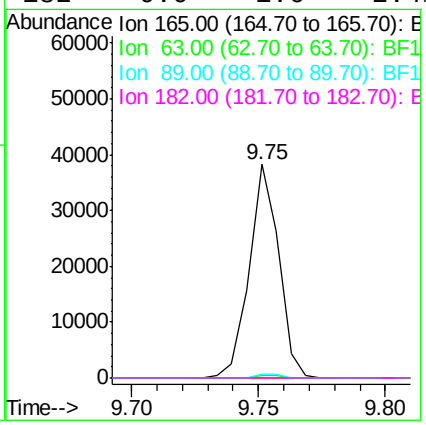


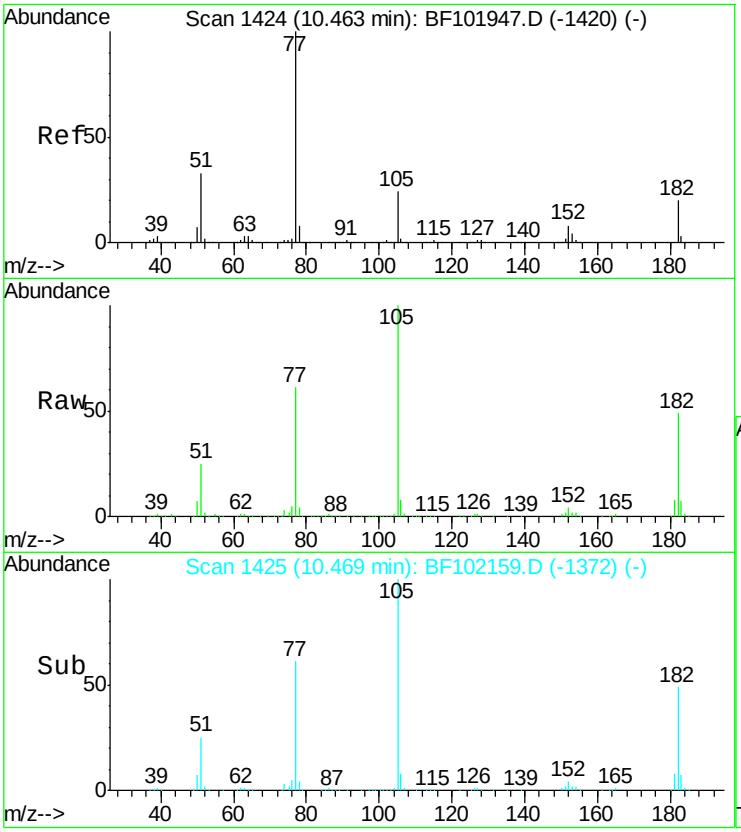


#56
2,4-Dinitrotoluene
Concen: 6.364 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:165 Resp: 30970

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



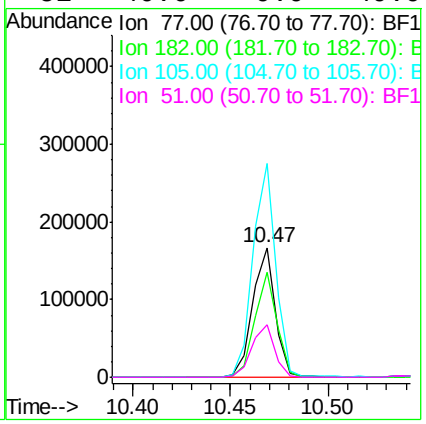


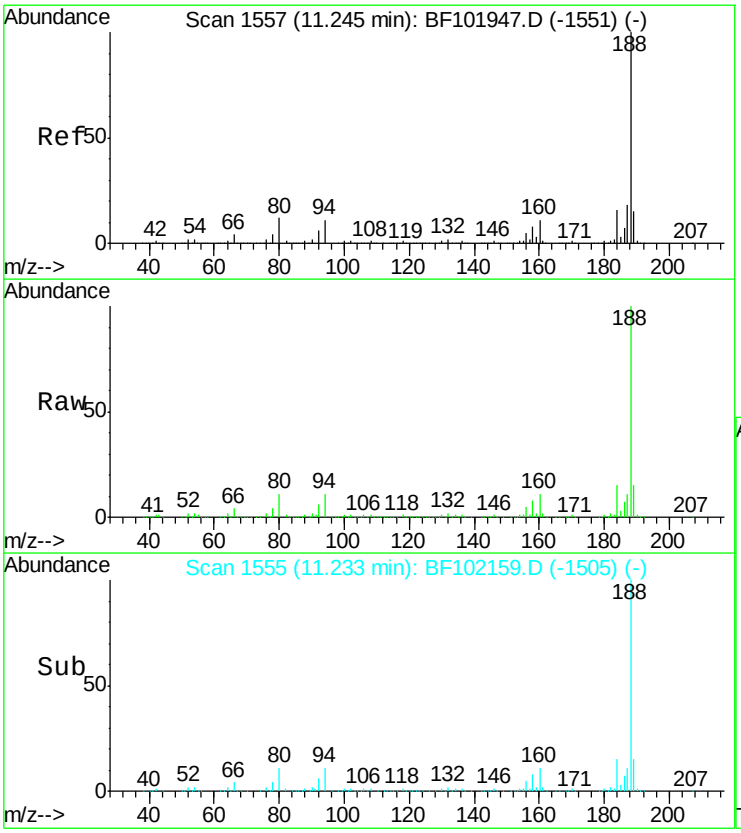
#62
Azobenzene
Concen: 7.004 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 134728

Ion	Ratio	Lower	Upper
77	100		
182	80.7	1.7	41.7#
105	164.4	3.0	43.0#
51	40.6	9.9	49.9

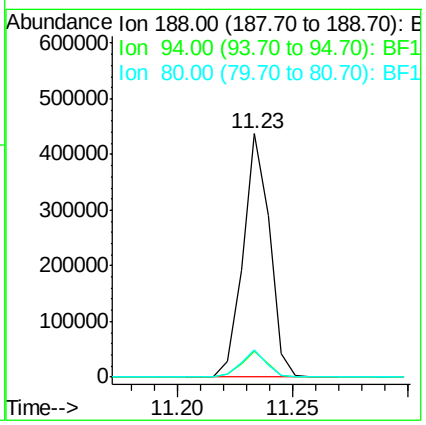


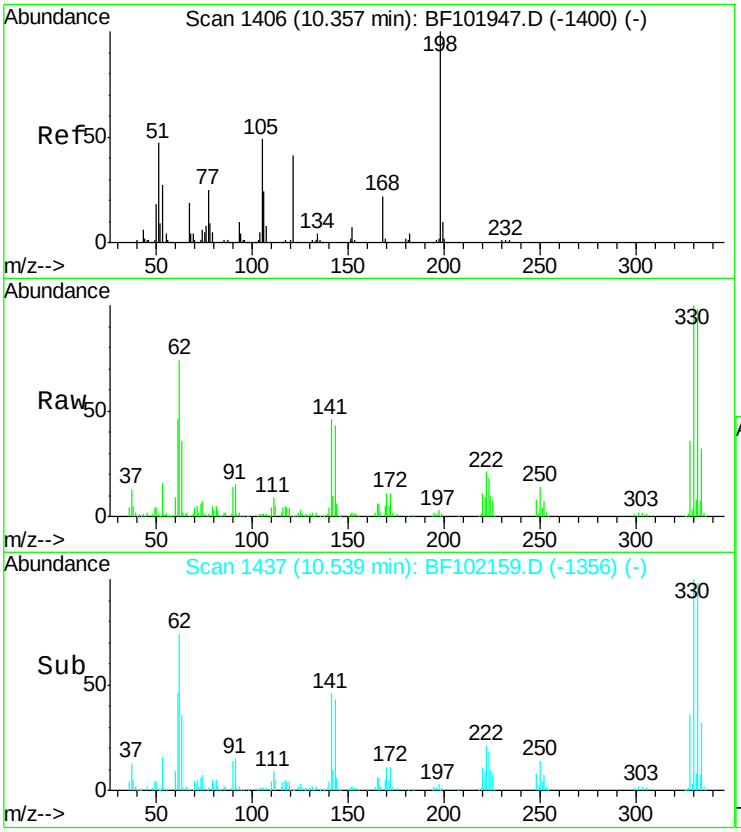


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:188 Resp: 352241

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.2	9.2	13.8



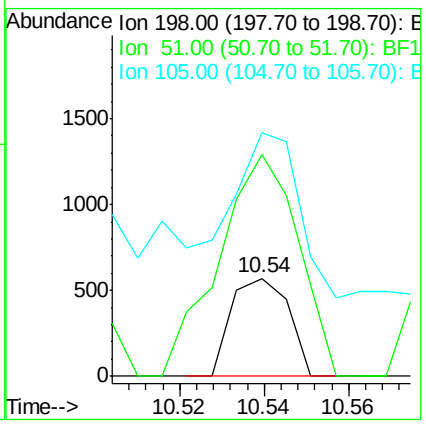


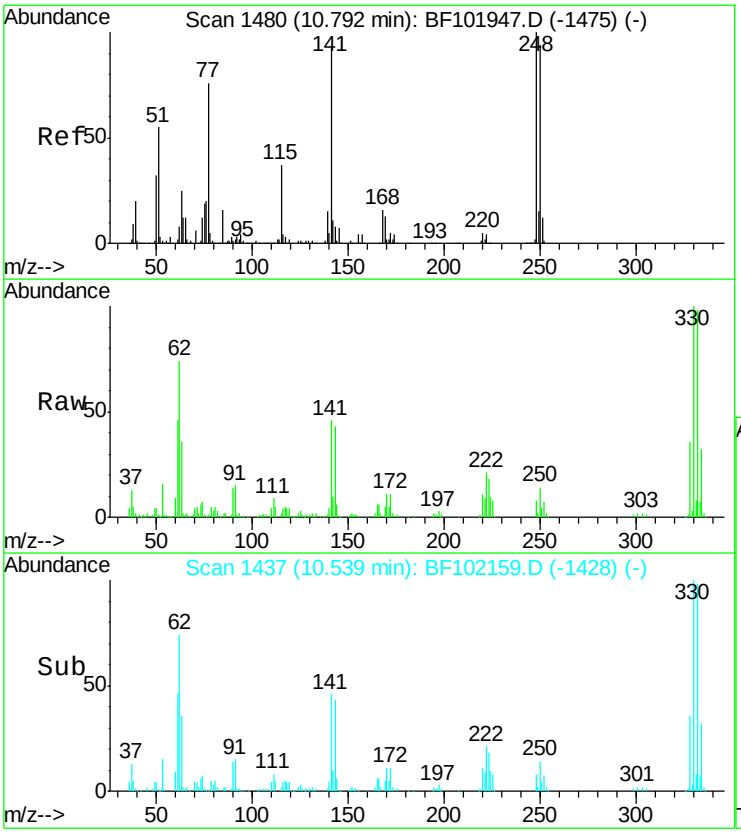
#64
4,6-Dinitro-2-methylphenol
Concen: 5.910 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 537

Ion	Ratio	Lower	Upper
198	100		
51	227.2	37.7	77.7#
105	249.2	36.3	76.3#

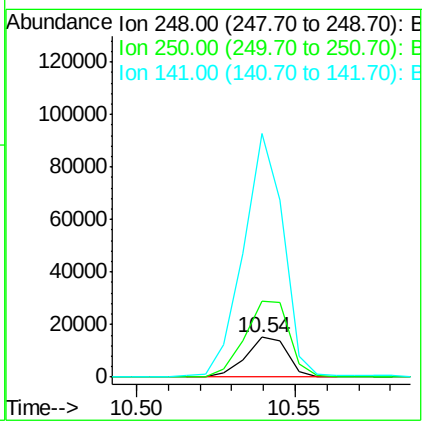


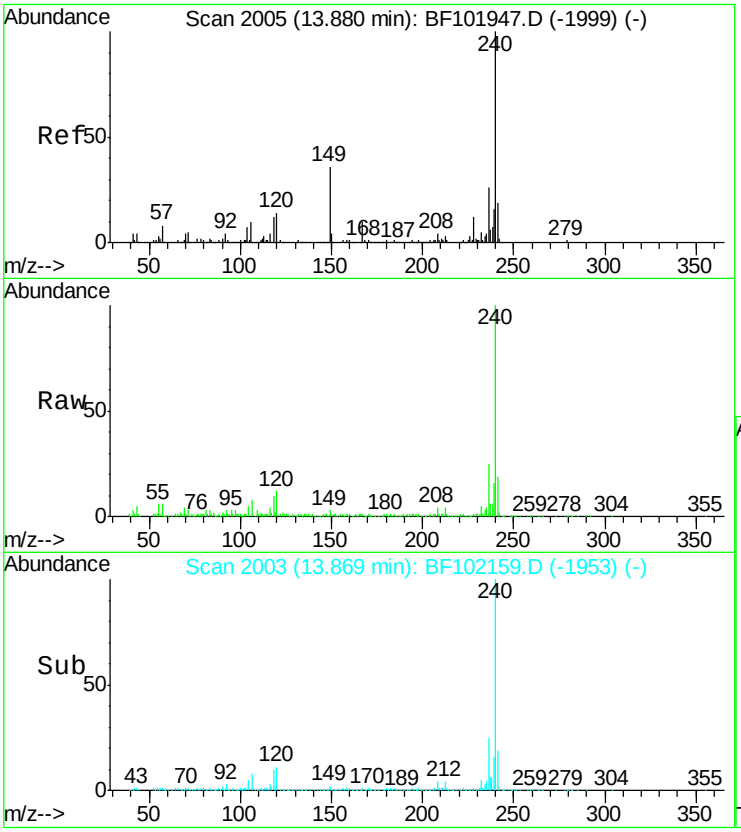


#66
4-Bromophenyl-phenylether
Concen: 3.729 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:248 Resp: 13870

Ion	Ratio	Lower	Upper
248	100		
250	190.7	76.9	115.3#
141	614.1	74.4	111.6#



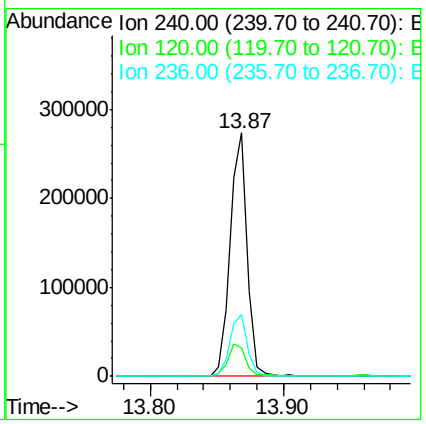


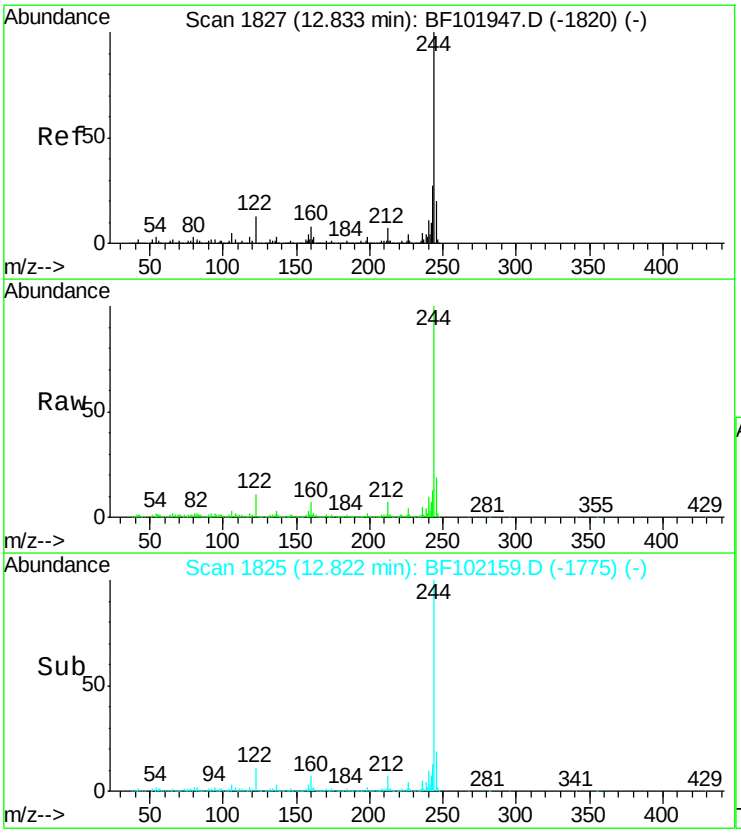
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 247459

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.3	20.7	31.1

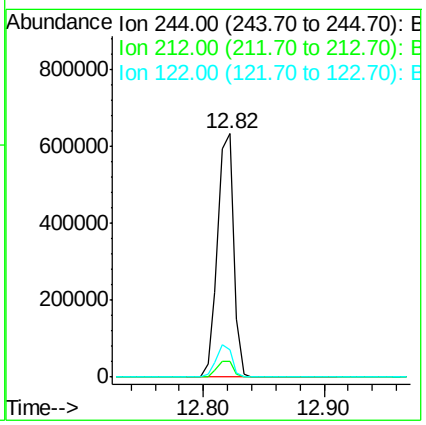


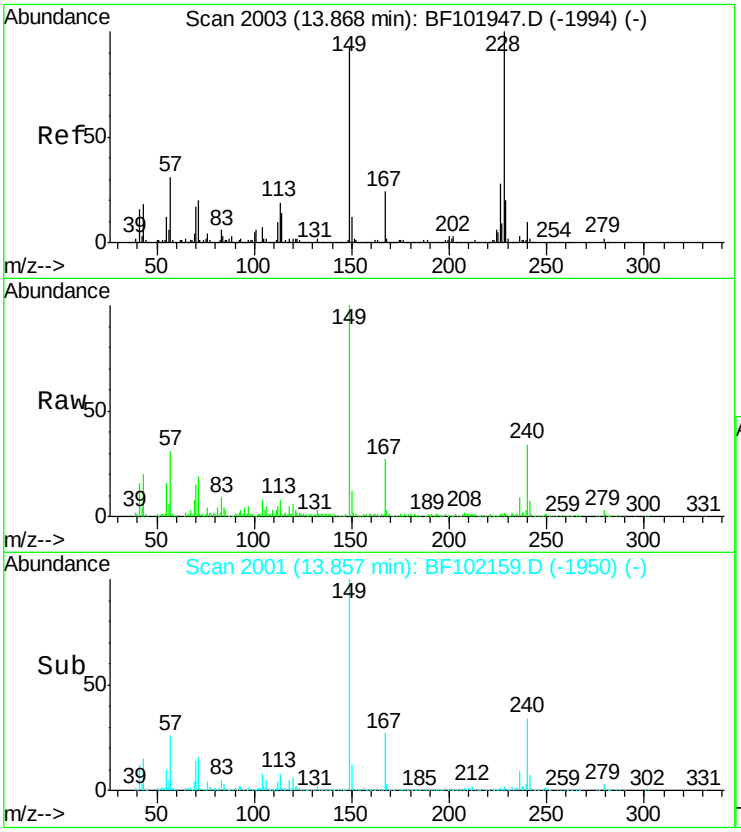


#78
Terphenyl-d14
Concen: 49.081 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:244 Resp: 584969

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.4	11.0	16.4



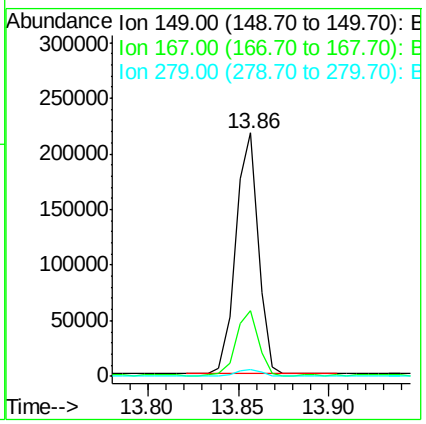


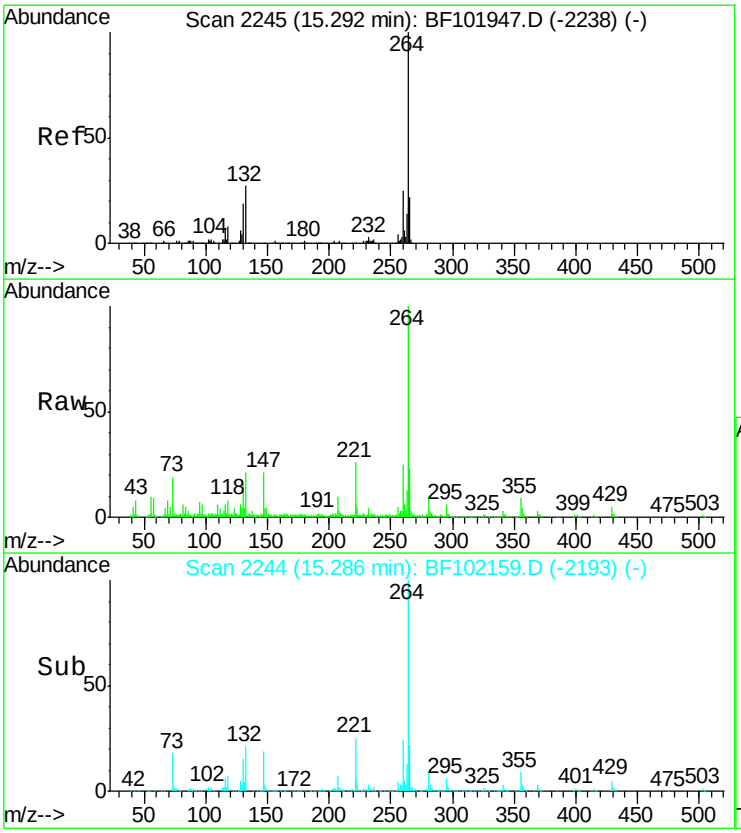
#83
Bis(2-ethylhexyl)phthalate
Concen: 16.315 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 187877

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.0	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:264 Resp: 203257

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.8	17.5	26.3