Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111919.D
Acq On : 8 Jan 2019 20:44
Operator : JU/SJ
Sample : K1044-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 09 00:59:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131449	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	392724	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	172961	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	269844	20.00	ng	0.00
76) Chrysene-d12	14.05	240	300241	20.00	ng	0.00
87) Perylene-d12	15.53	264	188584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	670290	87.24	ng	0.00
7) Phenol-d6	6.53	99	860203	86.86	ng	0.00
23) Nitrobenzene-d5	7.44	82	515501	70.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	182312	81.04	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	912720	76.95	ng	-0.01
79) Terphenyl-d14	12.99	244	809776	51.20	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	854	Below Cal	#	84
10) Phenol	6.54	94	71143	6.610	ng	# 73
17) 2-Methylphenol	7.29	107	102980	15.018	ng	# 68
19) n-Nitroso-di-n-propylamine	7.44	70	70219	10.913	ng	# 79
20) 3+4-Methylphenols	7.29	107	102980	12.067	ng	# 60
25) Isophorone	7.44	82	512459	43.067	ng	# 65
50) Dimethylphthalate	9.63	163	102248	7.870	ng	99
57) 2,4-Dinitrotoluene	9.92	165	21669	5.772	ng	# 27
67) 4-Bromophenyl-phenylether	10.71	248	10527	3.012	ng	# 1

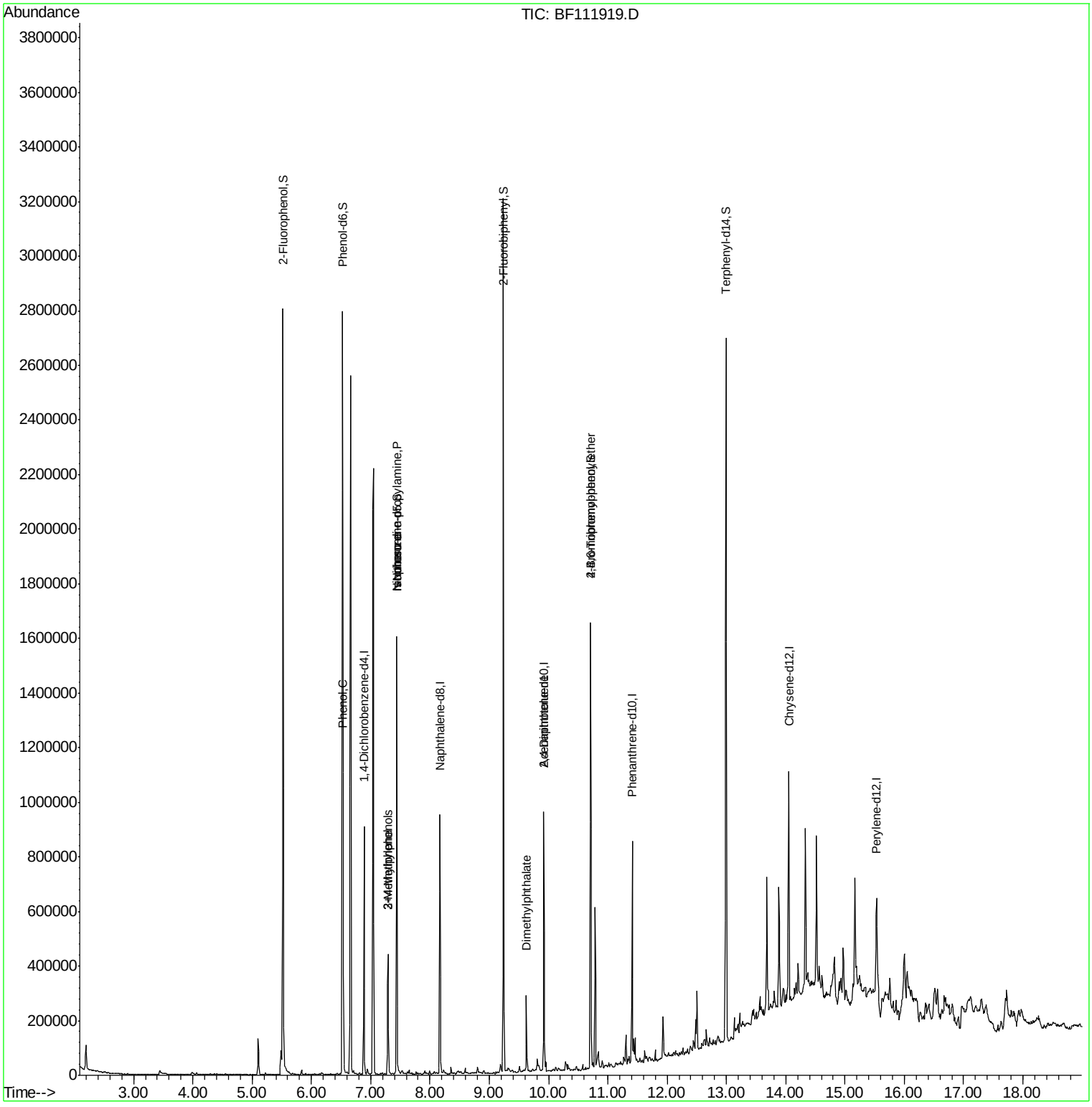
(#) = qualifier out of range (m) = manual integration (+) = signals summed

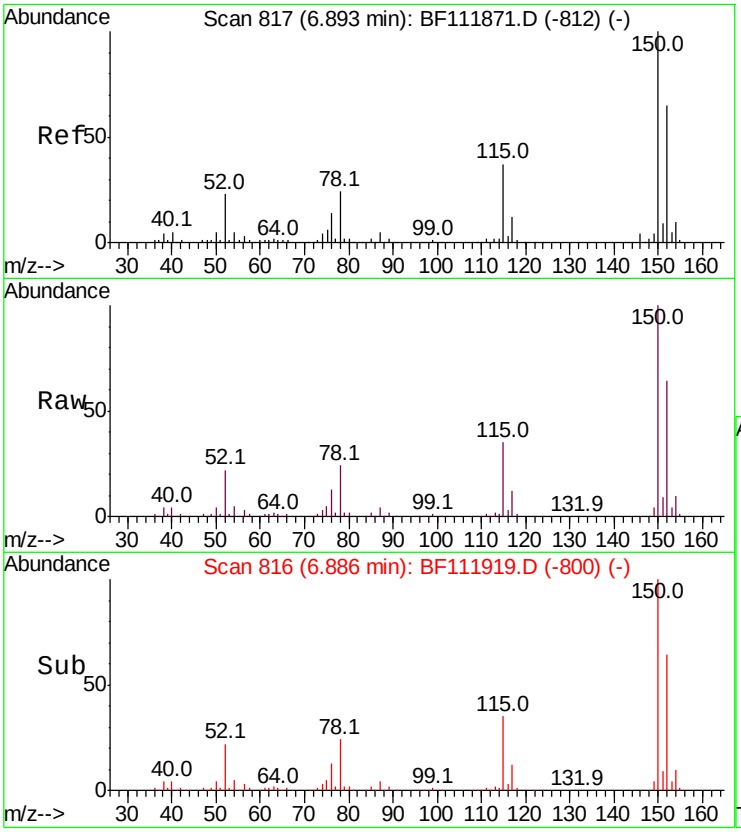
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111919.D
Acq On : 8 Jan 2019 20:44
Operator : JU/SJ
Sample : K1044-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 09 00:59:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



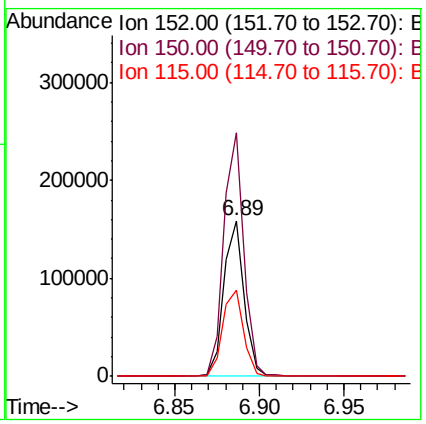


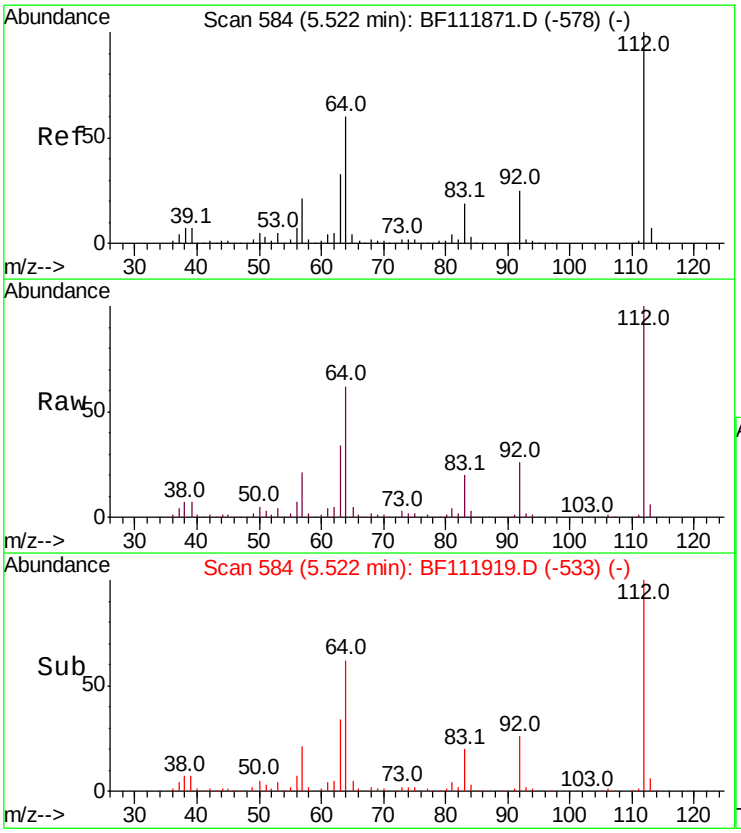
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 131449

Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.7	184.1
115	55.2	45.2	67.8

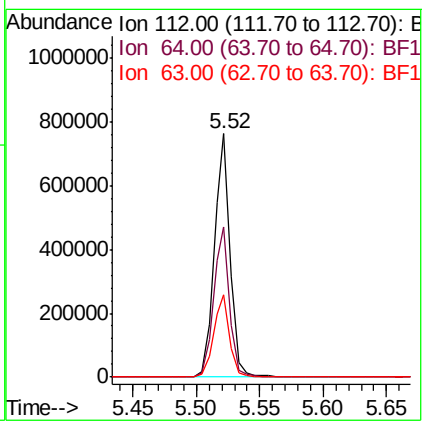


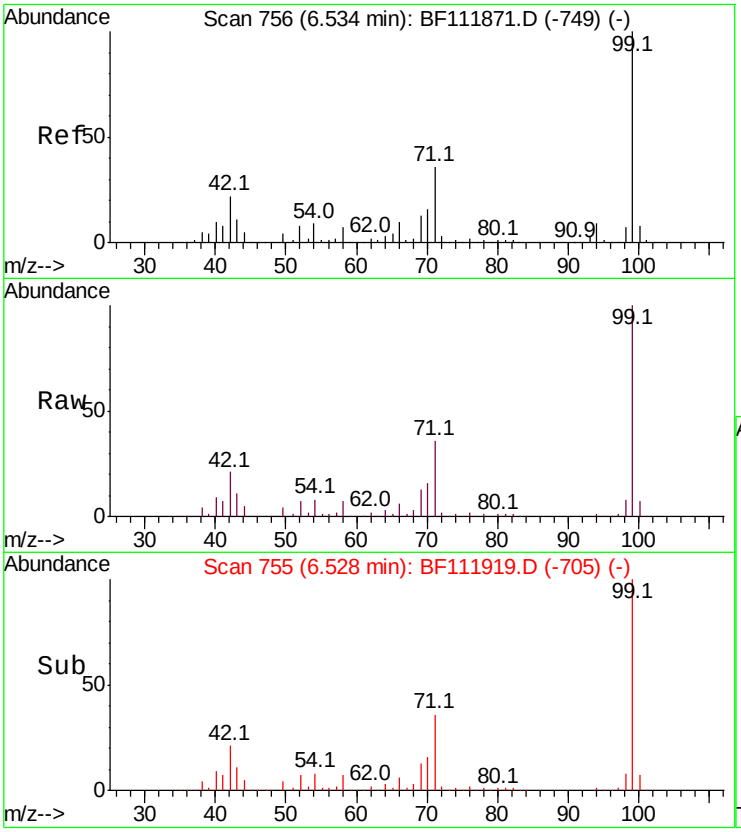


#5
2-Fluorophenol
Concen: 87.239 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion:112 Resp: 670290

Ion	Ratio	Lower	Upper
112	100		
64	61.9	48.3	72.5
63	33.7	26.1	39.1



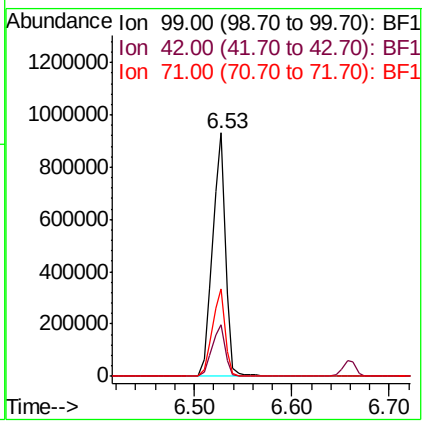


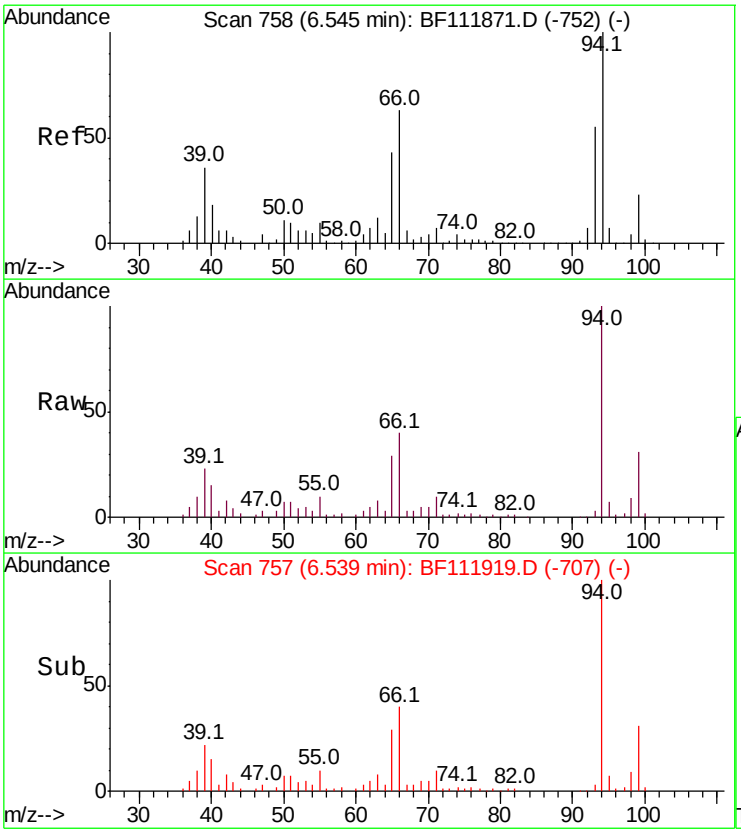
#7
Phenol-d6
Concen: 86.863 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 860203

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.9	26.9
71	36.1	28.7	43.1

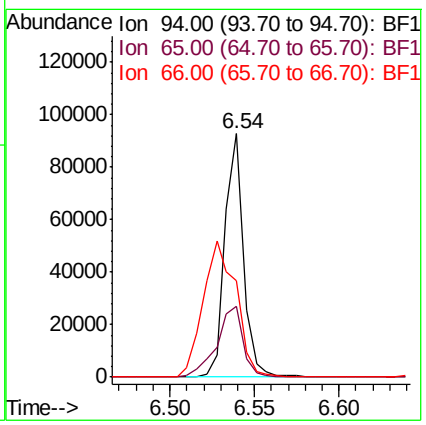


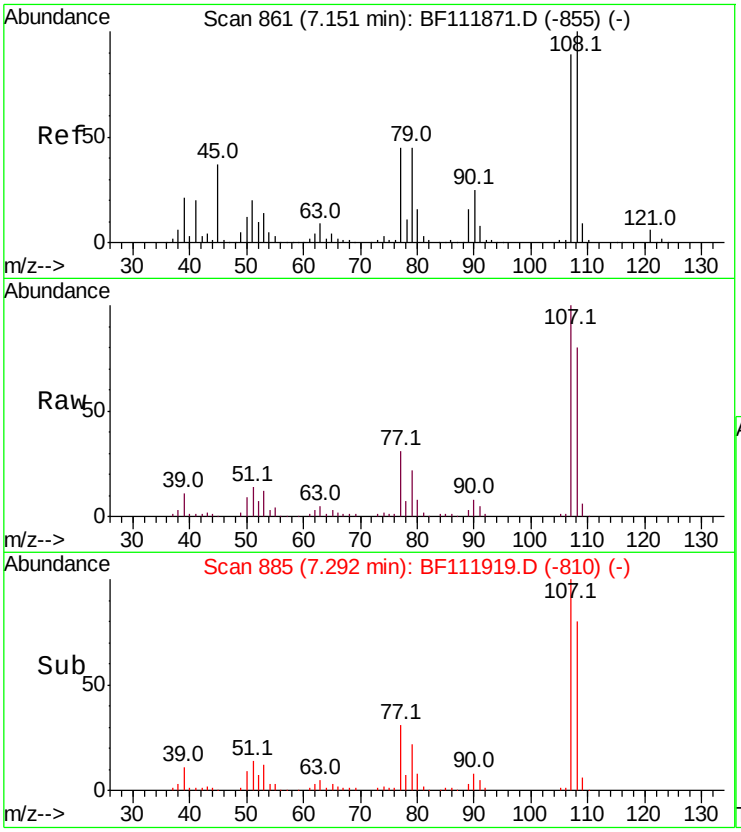


#10
Phenol
Concen: 6.610 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion: 94 Resp: 71143

Ion	Ratio	Lower	Upper
94	100		
65	28.9	22.8	62.8
66	39.7	43.3	83.3#



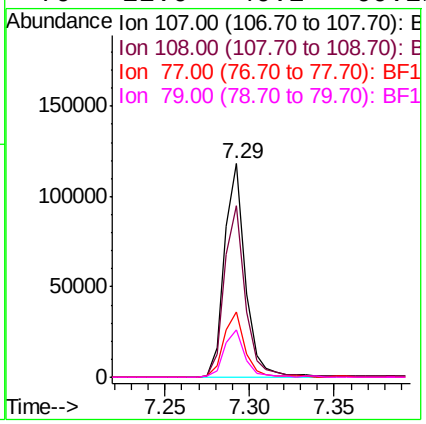


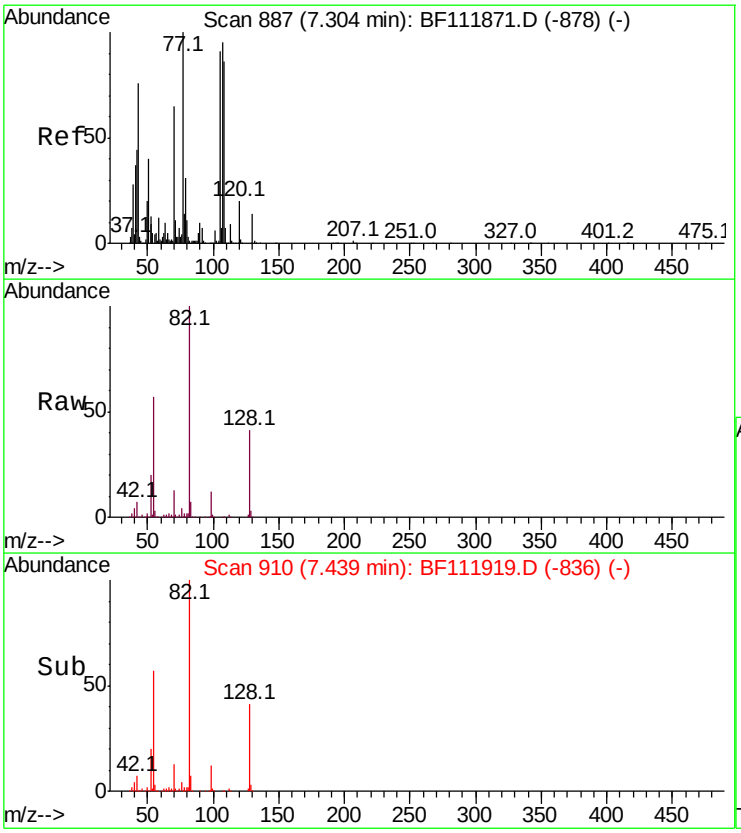
#17
2-Methylphenol
Concen: 15.018 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 102980

Ion	Ratio	Lower	Upper
107	100		
108	80.5	89.7	134.5#
77	30.7	40.6	60.8#
79	22.0	40.2	60.2#

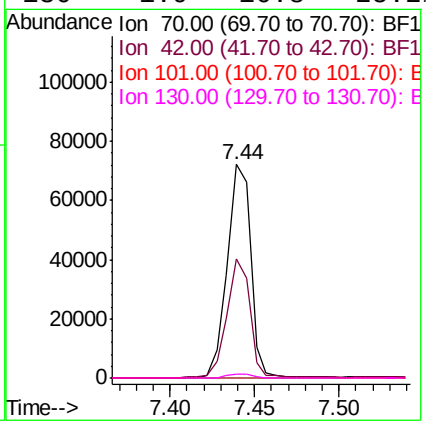


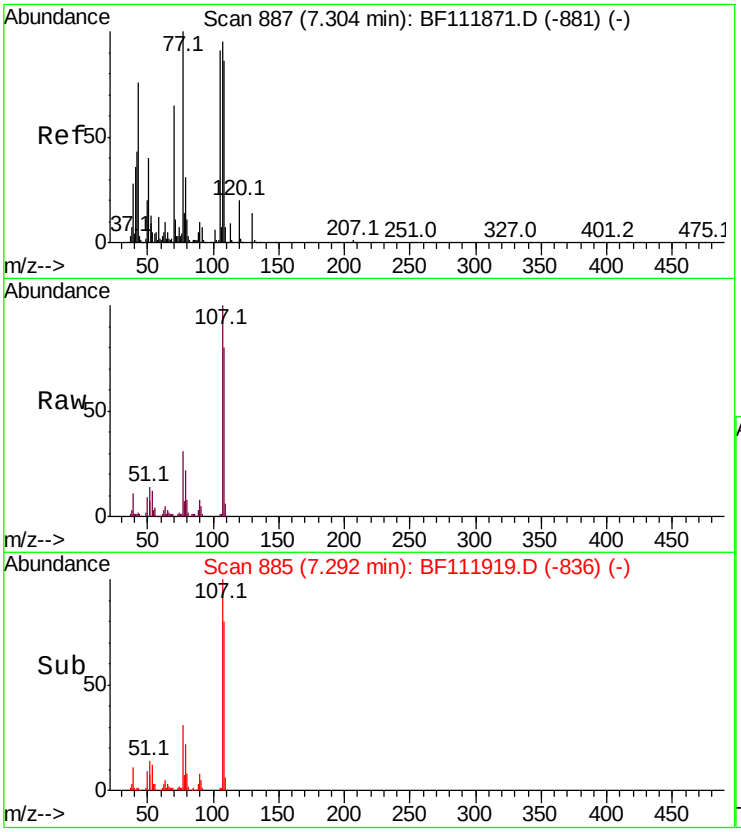


#19
n-Nitroso-di-n-propylamine
Concen: 10.913 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion: 70 Resp: 70219

Ion	Ratio	Lower	Upper
70	100		
42	55.9	53.6	80.4
101	0.0	7.3	10.9#
130	1.9	16.8	25.2#



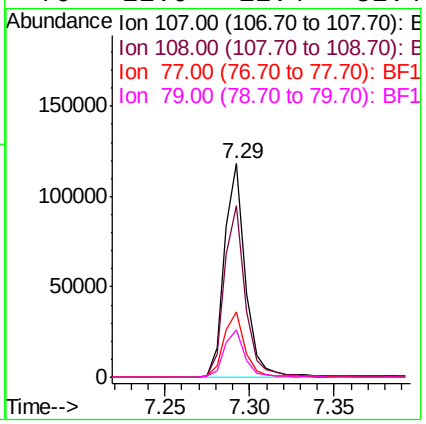


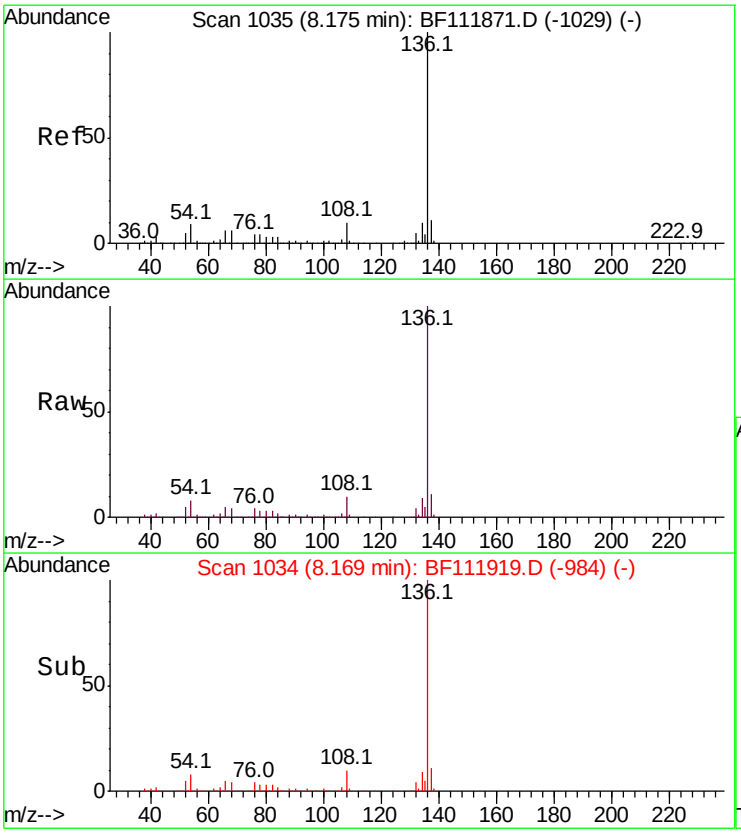
#20
3+4-Methylphenols
Concen: 12.067 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 102980

Ion	Ratio	Lower	Upper
107	100		
108	80.5	71.1	111.1
77	30.7	85.4	125.4#
79	22.0	12.4	52.4

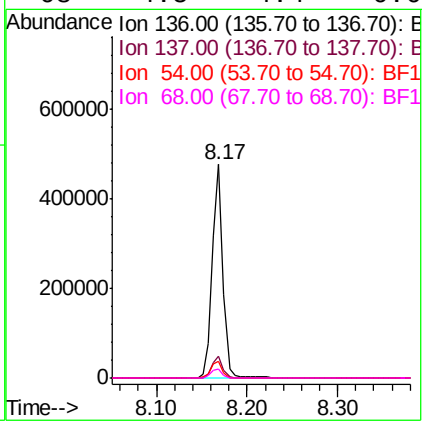


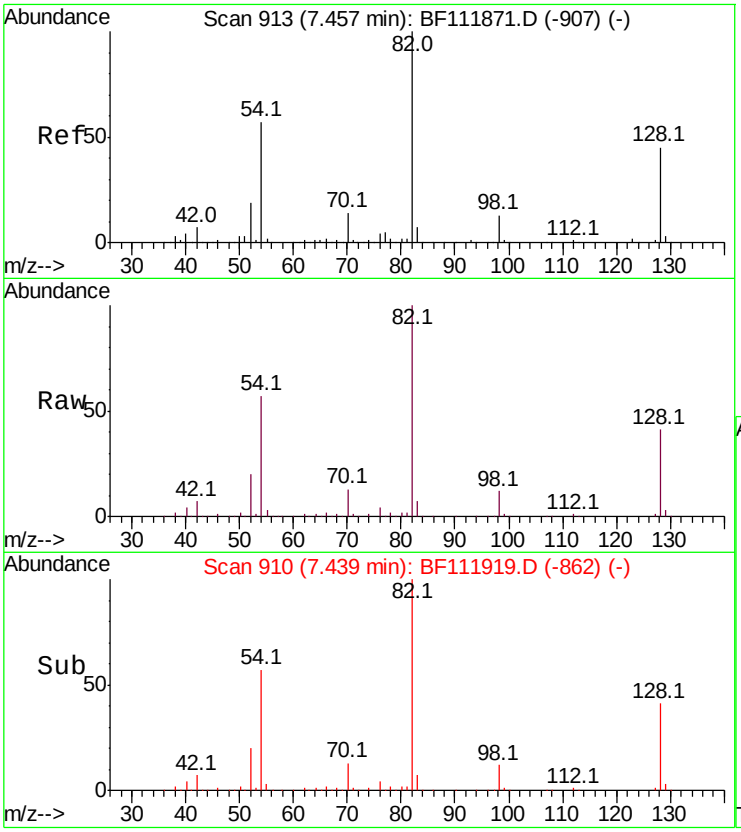


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion:136 Resp: 392724

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	8.0	7.2	10.8
68	4.5	4.4	6.6



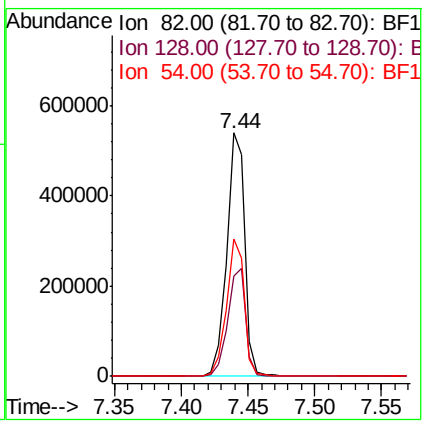


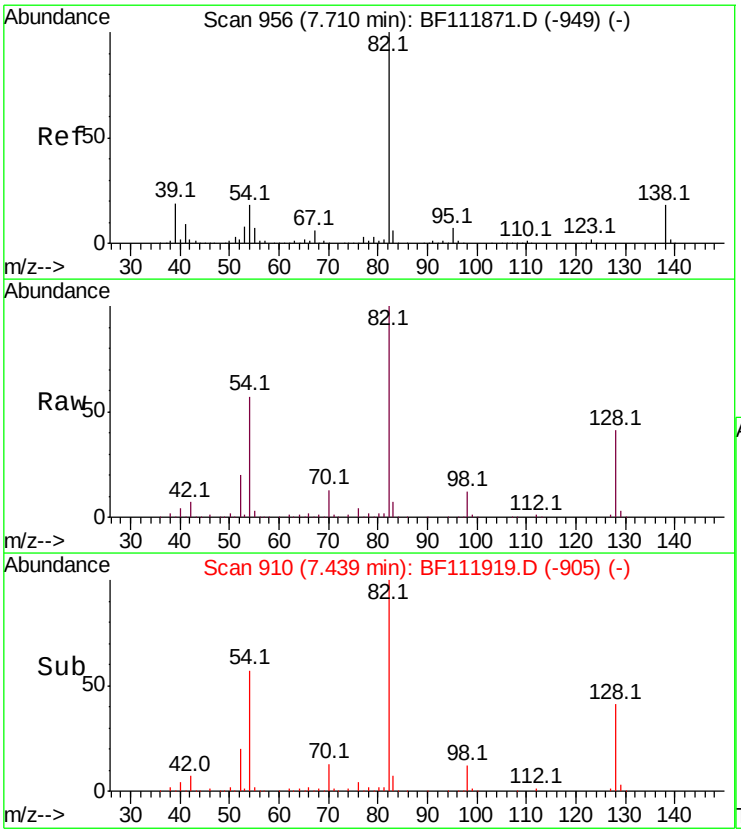
#23
Nitrobenzene-d5
Concen: 70.154 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 515501

Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.7	53.5
54	56.6	45.8	68.8

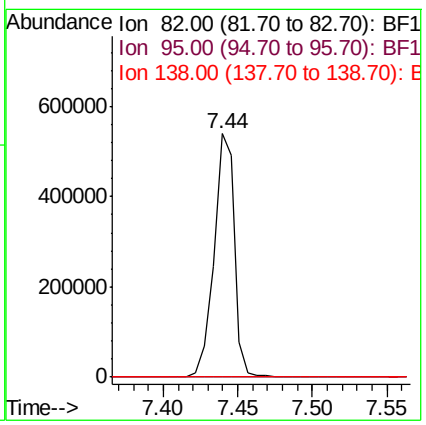


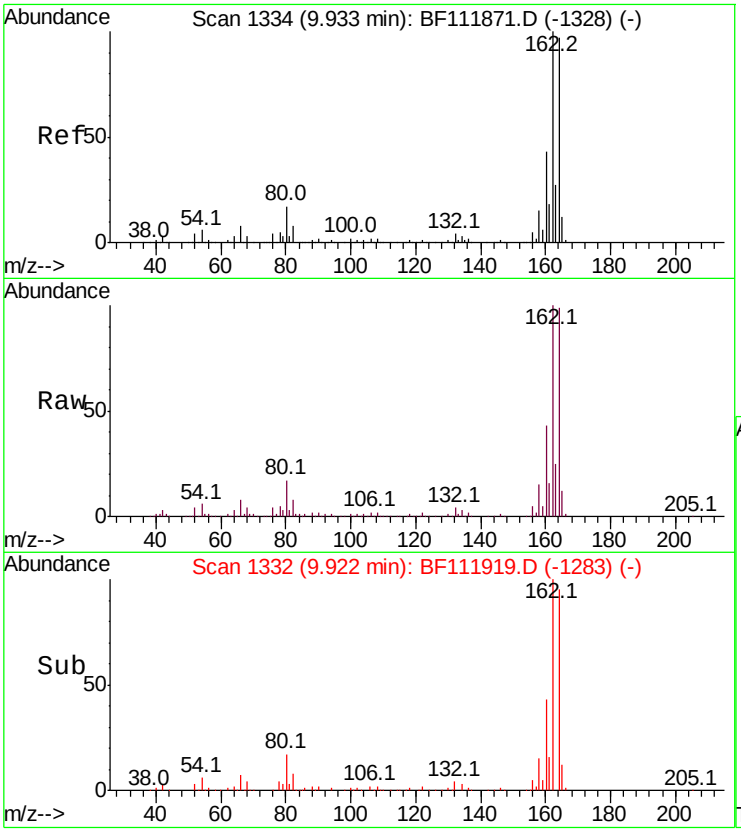


#25
Isophorone
Concen: 43.067 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion: 82 Resp: 512459

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.4	21.6#



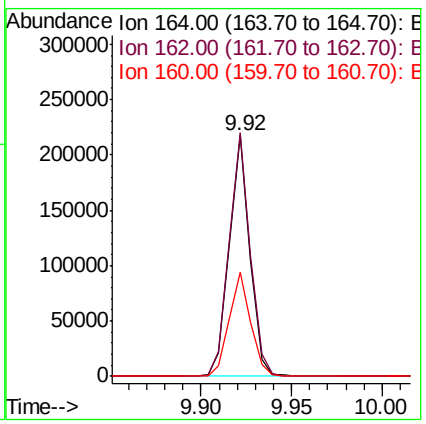


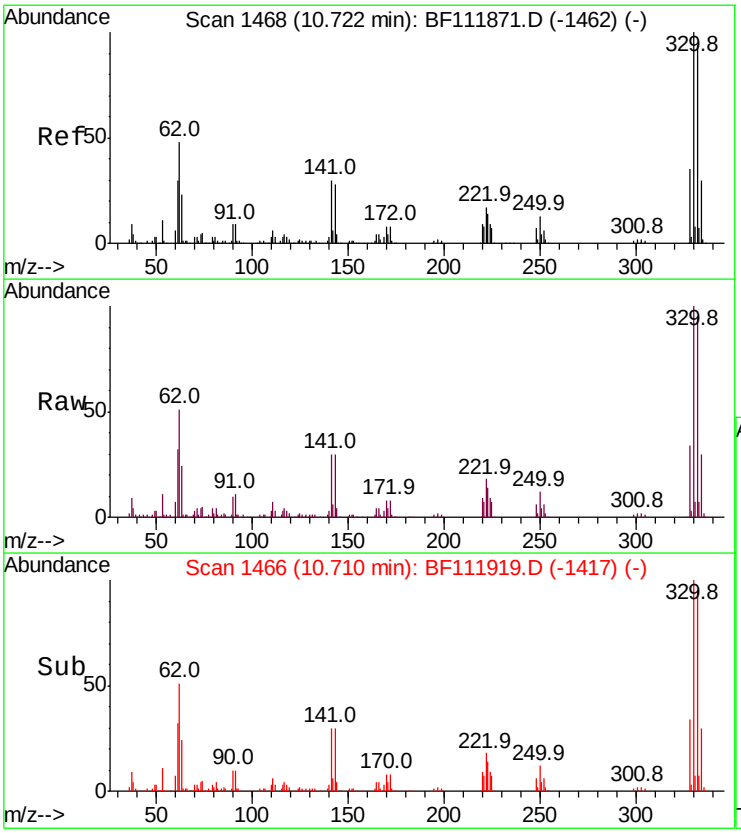
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 172961

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.2
160	43.1	35.5	53.3

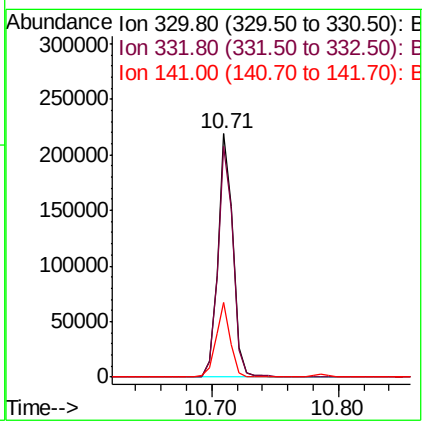


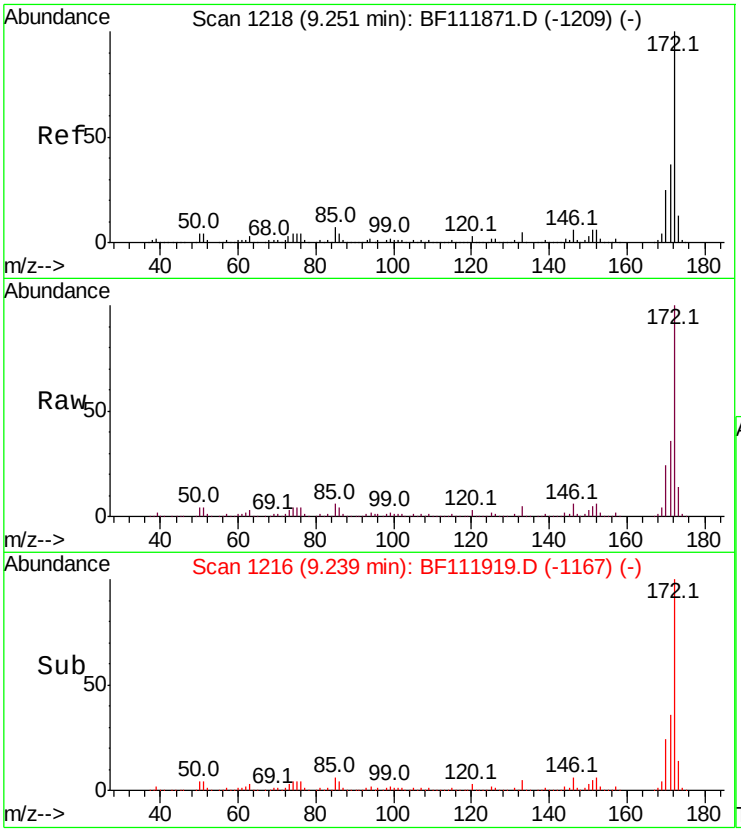


#42
2,4,6-Tribromophenol
Concen: 81.038 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion:330 Resp: 182312

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	29.6	23.7	35.5



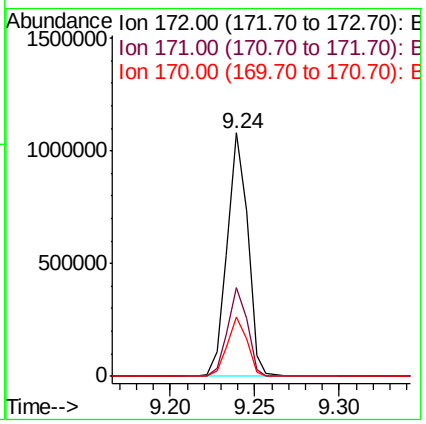


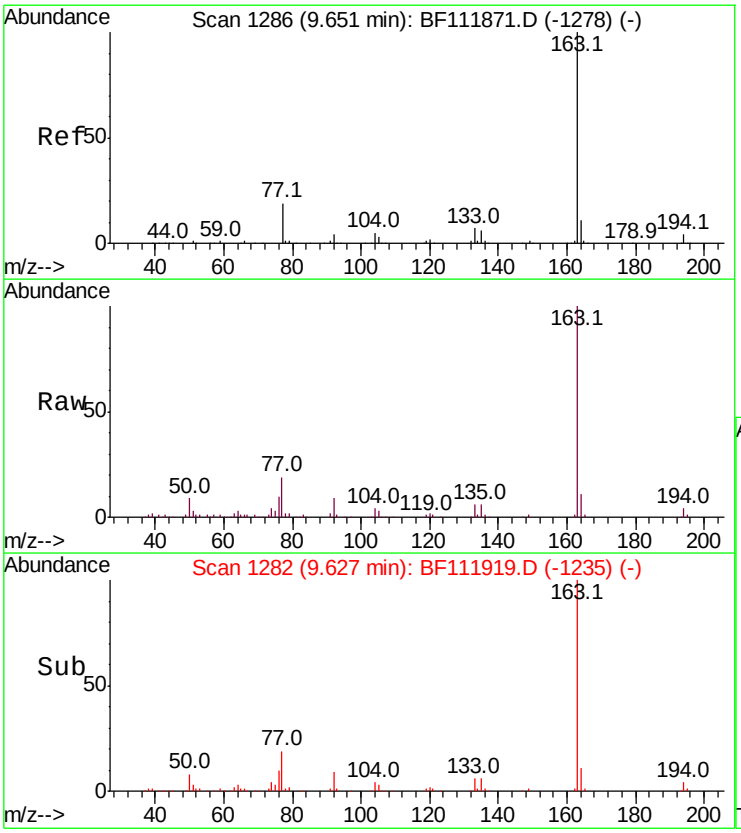
#45
2-Fluorobiphenyl
Concen: 76.950 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 912720

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8

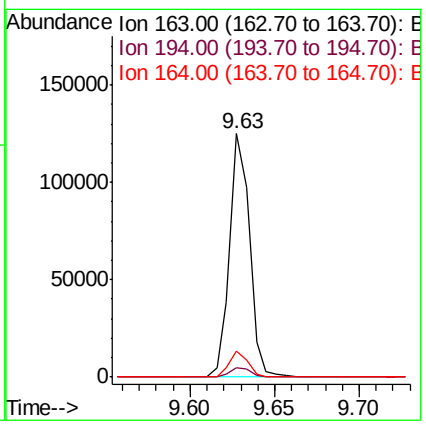


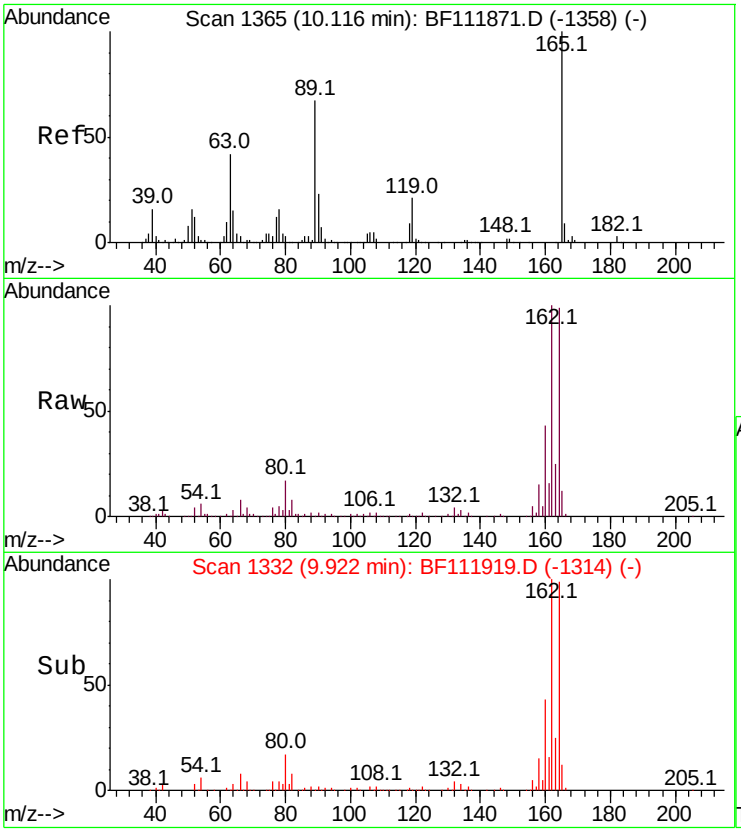


#50
Dimethylphthalate
Concen: 7.870 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion:163 Resp: 102248

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	10.8	8.5	12.7



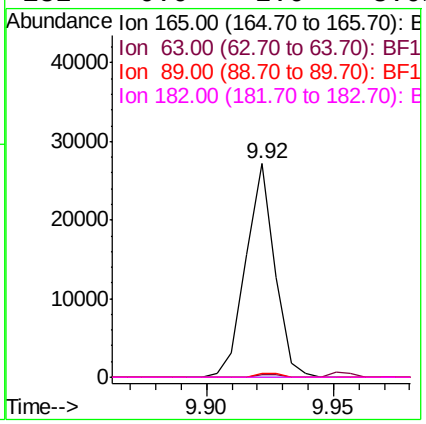


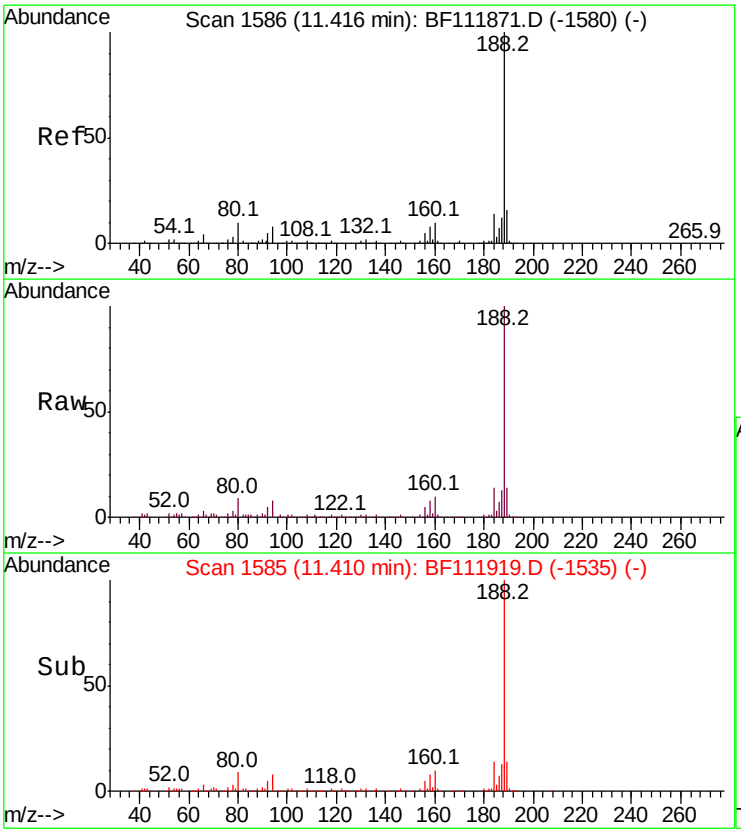
#57
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21669

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.1	51.1#
89	1.8	53.5	80.3#
182	0.0	2.0	3.0#

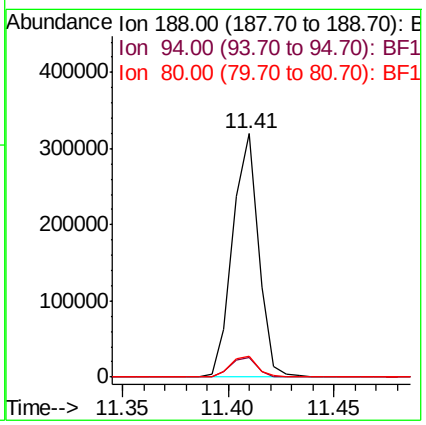


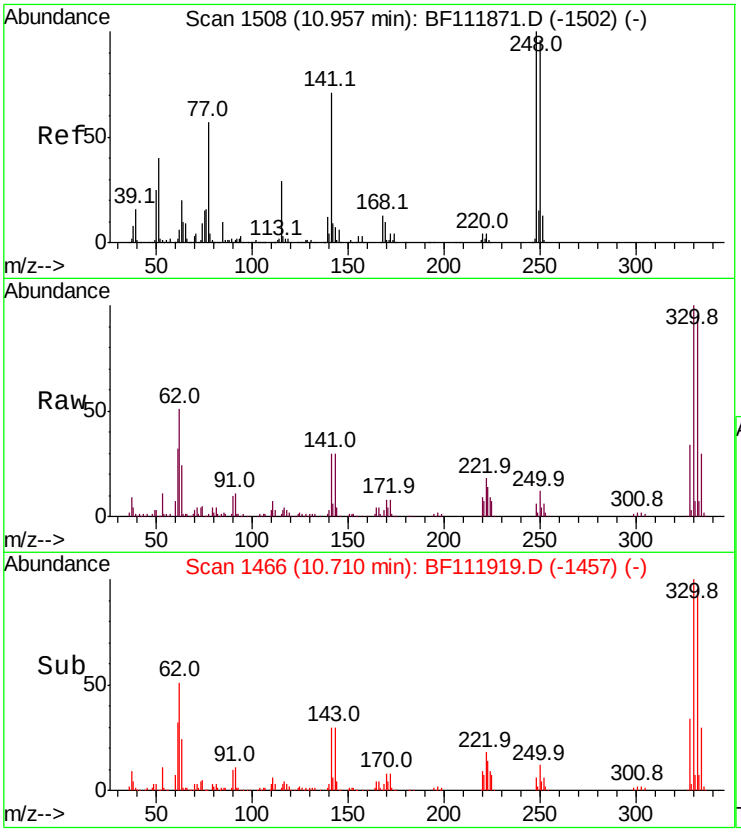


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion:188 Resp: 269844

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	8.6	7.7	11.5



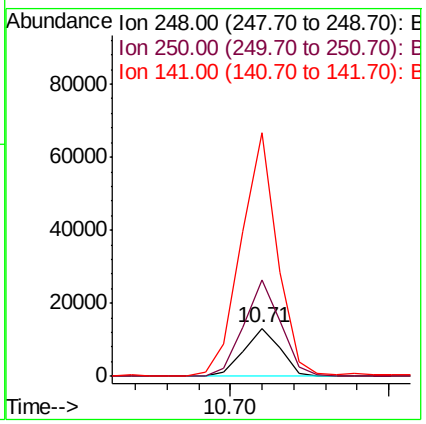


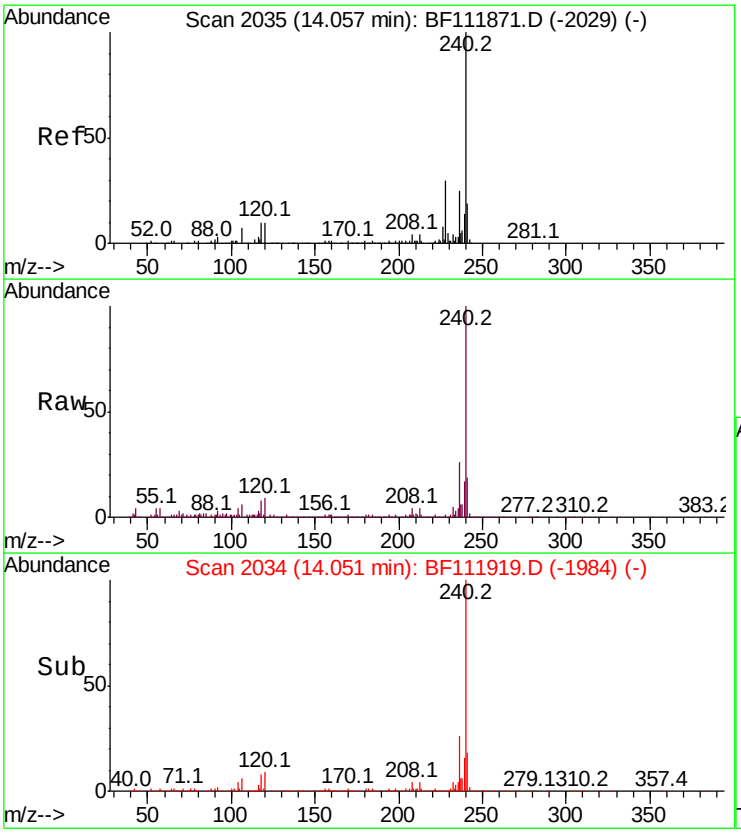
#67
4-Bromophenyl-phenylether
Concen: 3.012 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10527

Ion	Ratio	Lower	Upper
248	100		
250	200.5	76.8	115.2#
141	507.9	57.0	85.6#

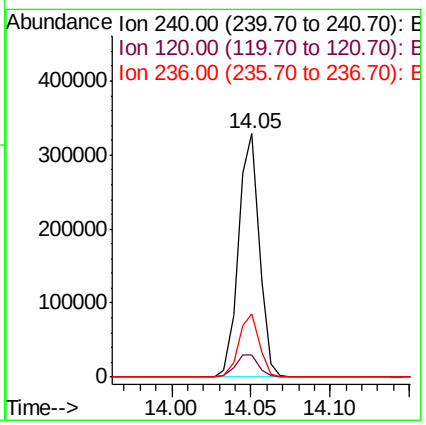


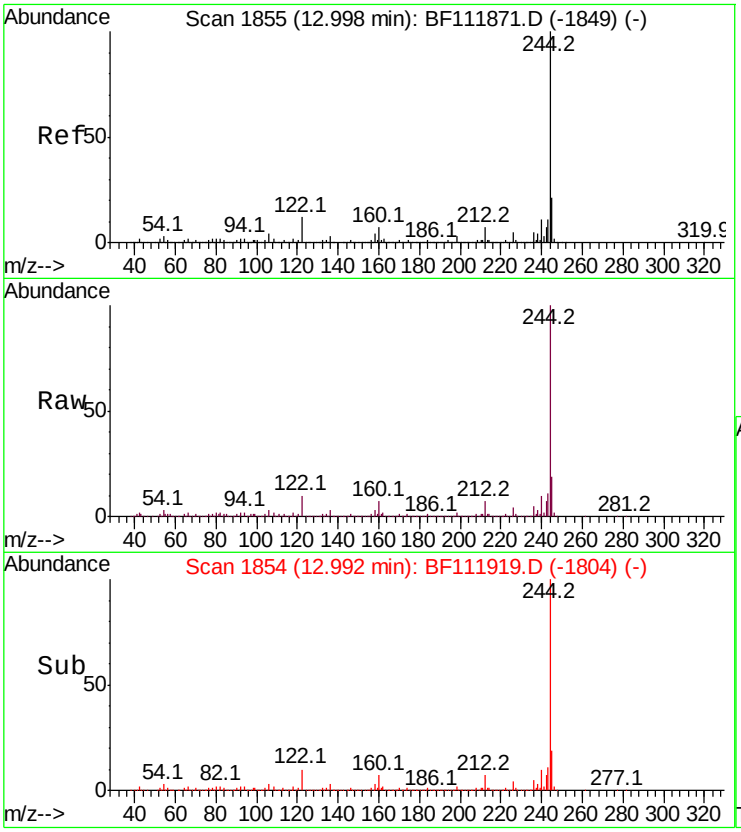


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion:240 Resp: 300241

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.2	12.2
236	25.7	20.2	30.4



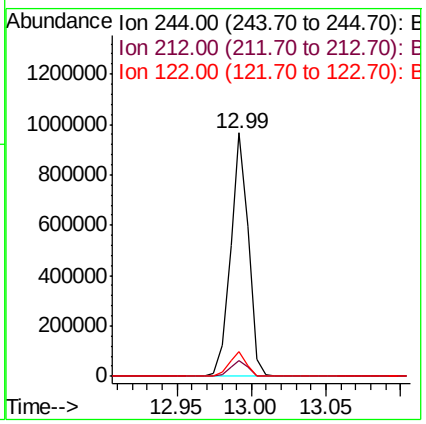


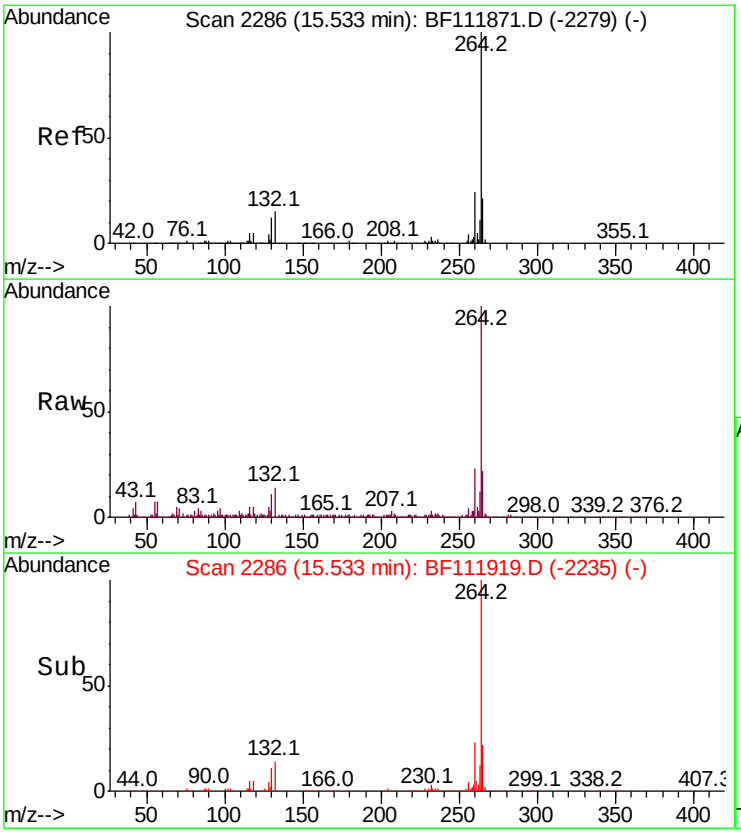
#79
Terphenyl-d14
Concen: 51.197 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 809776

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.3	9.5	14.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion:264 Resp: 188584

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.1	25.7