Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113309.D
Acq On : 26 Mar 2019 23:49
Operator : JU/SJ
Sample : K2103-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C02-SETTLED-3H-A

Quant Time: Mar 27 05:02:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165341	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	580617	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	282013	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	533256	20.00	ng	0.00
76) Chrysene-d12	13.83	240	329632	20.00	ng	-0.01
87) Perylene-d12	15.23	264	377022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	419357	41.47	ng	0.00
7) Phenol-d6	6.35	99	369994	28.92	ng	-0.01
23) Nitrobenzene-d5	7.26	82	904599	92.47	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	250692	71.97	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1576160	88.28	ng	0.00
79) Terphenyl-d14	12.79	244	1238240	82.80	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.85	79	58701	6.956	ng	# 83
17) 2-Methylphenol	6.85	107	25260	2.745	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	118836	14.789	ng	# 77
20) 3+4-Methylphenols	7.15	107	3965	Below Cal		88
25) Isophorone	7.26	82	888043	46.844	ng	# 64
50) Dimethylphthalate	9.45	163	47682	2.281	ng	100
51) 2,6-Dinitrotoluene	9.73	165	35749	7.582	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	35749	5.962	ng	# 24
67) 4-Bromophenyl-phenylether	10.52	248	13689	2.355	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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Operator : JU/SJ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

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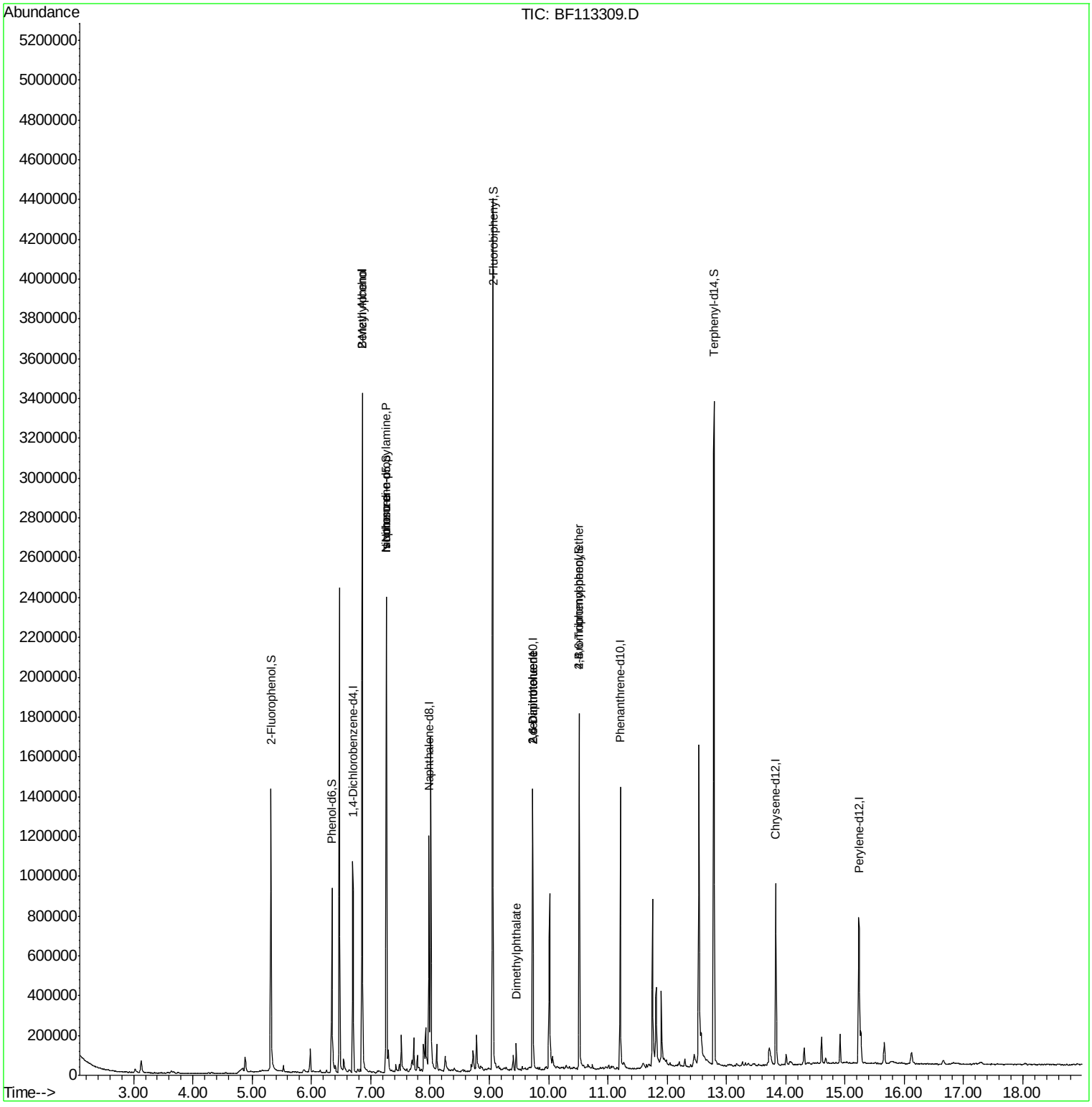
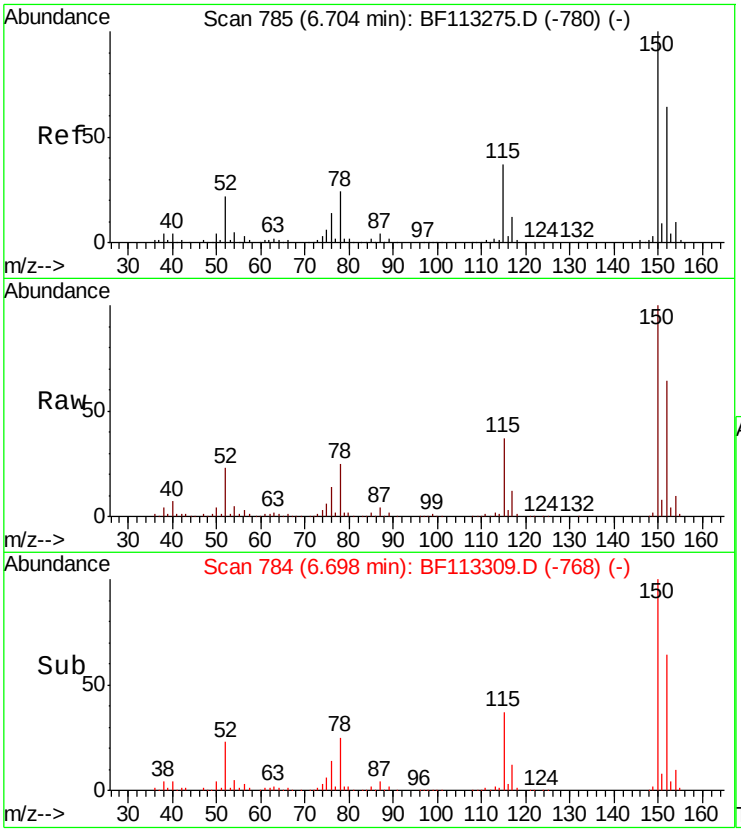


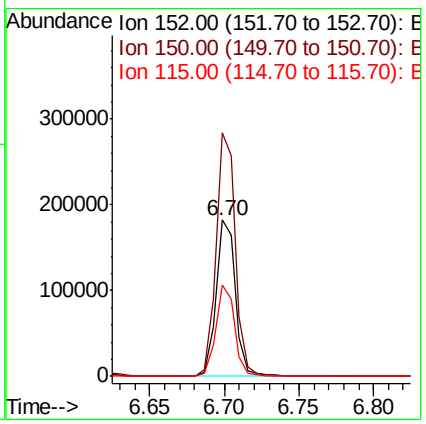


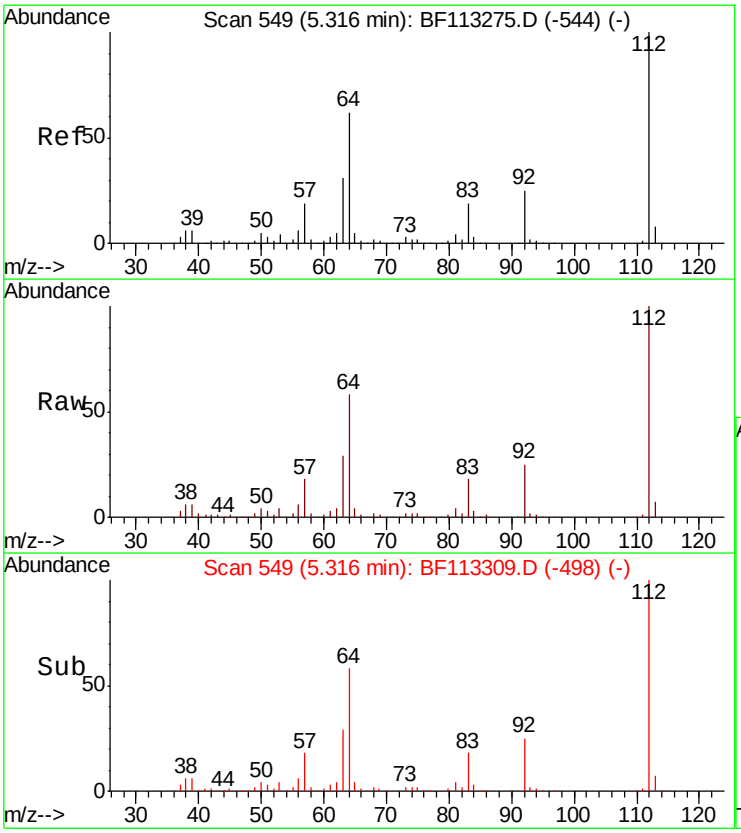
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:152 Resp: 165341

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.7	187.1
115	58.1	46.0	69.0

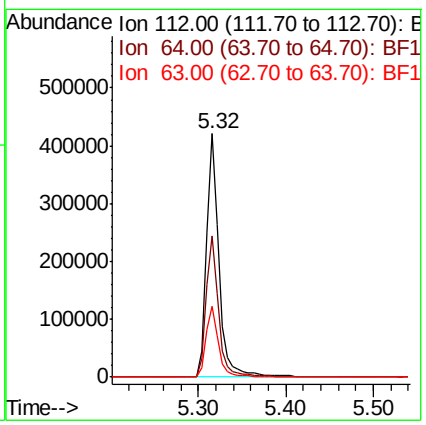


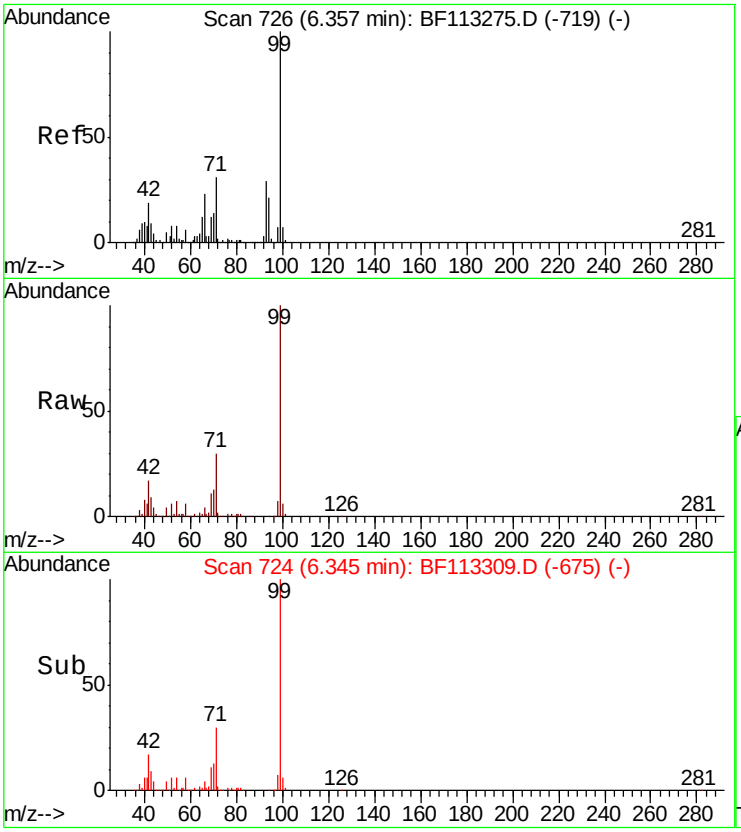


#5
2-Fluorophenol
Concen: 41.472 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:112 Resp: 419357

Ion	Ratio	Lower	Upper
112	100		
64	58.1	49.2	73.8
63	29.3	24.9	37.3



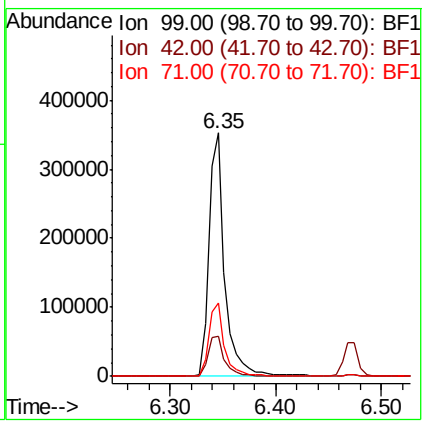


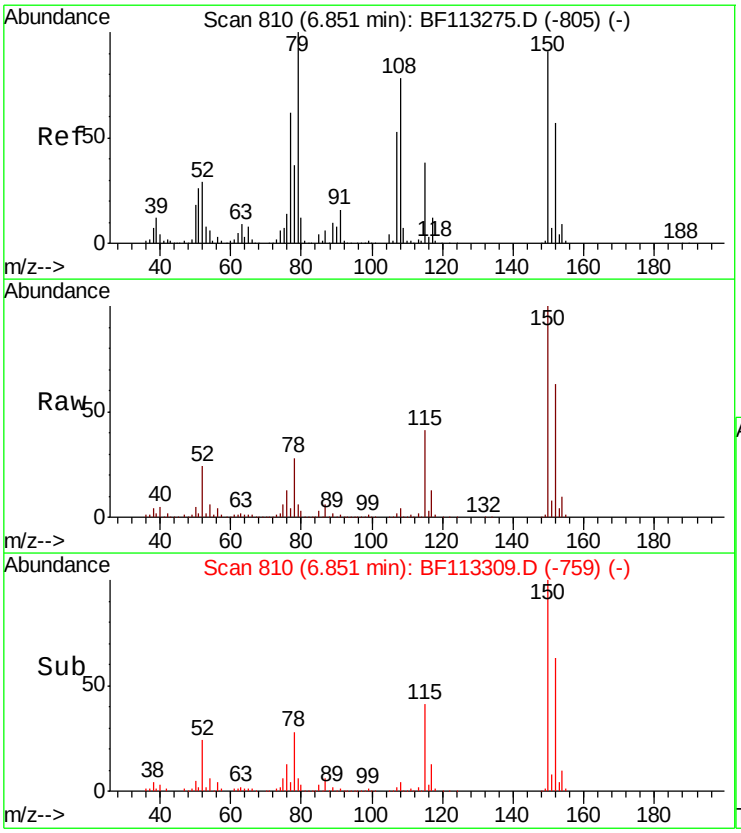
#7
Phenol-d6
Concen: 28.924 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion: 99 Resp: 369994

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.8	22.2
71	29.9	24.9	37.3

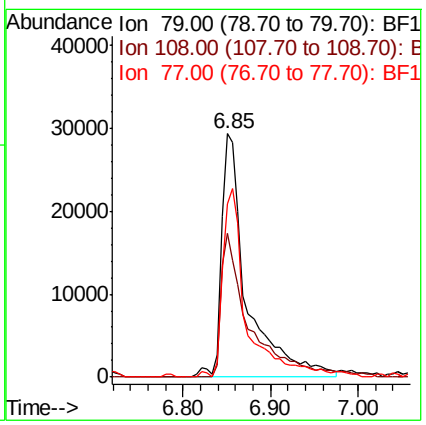


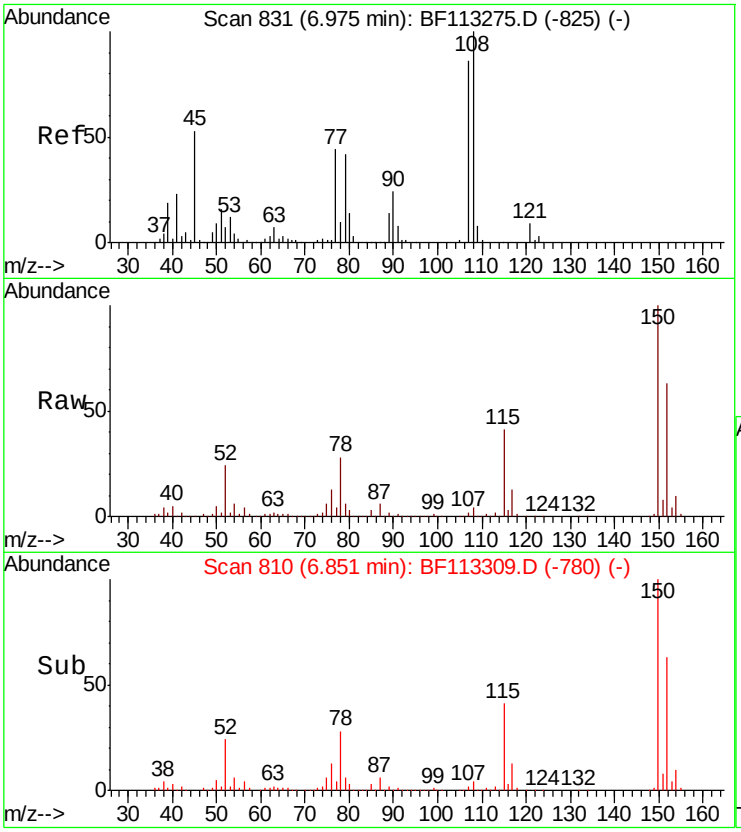


#15
Benzyl Alcohol
Concen: 6.956 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion: 79 Resp: 58701

Ion	Ratio	Lower	Upper
79	100		
108	59.2	62.0	93.0#
77	71.3	49.9	74.9



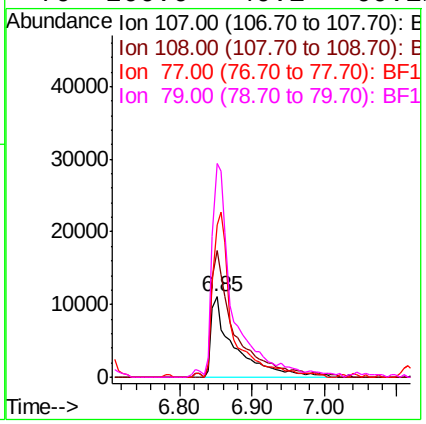


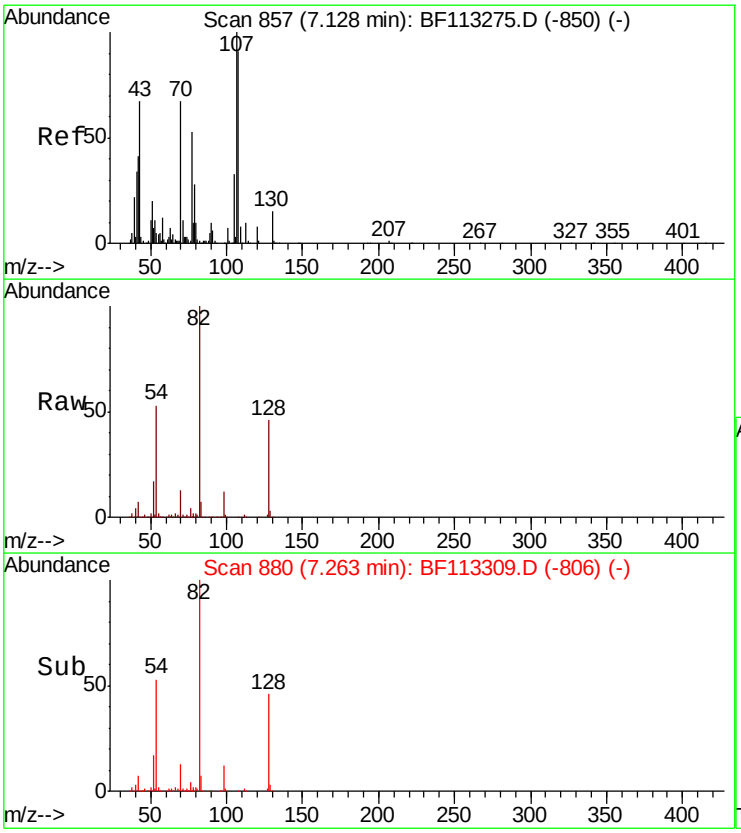
#17
2-Methylphenol
Concen: 2.745 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.12 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:107 Resp: 25260

Ion	Ratio	Lower	Upper
107	100		
108	157.9	93.4	140.0#
77	190.1	41.2	61.8#
79	266.6	40.1	60.1#

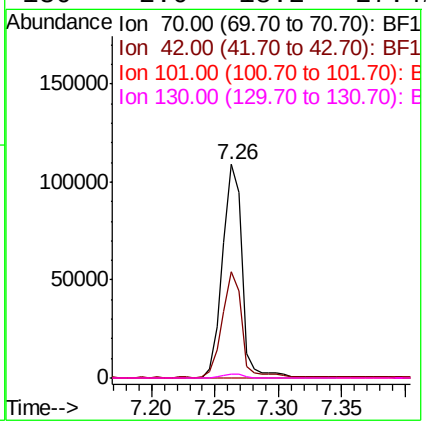


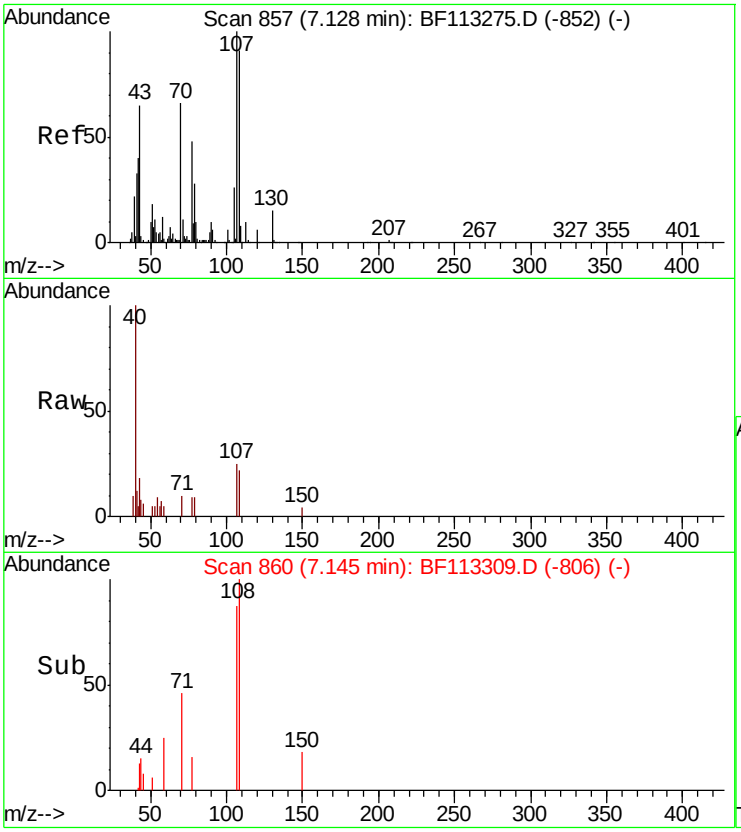


#19
n-Nitroso-di-n-propylamine
Concen: 14.789 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion: 70 Resp: 118836

Ion	Ratio	Lower	Upper
70	100		
42	49.7	48.4	72.6
101	0.0	7.8	11.8#
130	2.0	18.2	27.4#



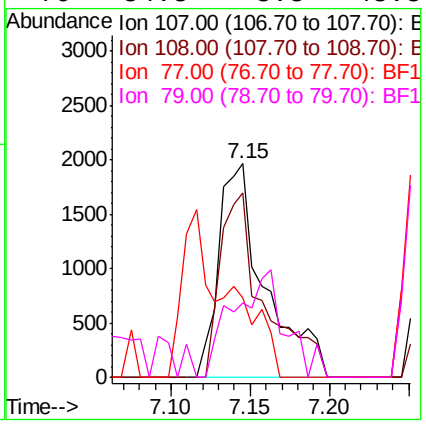


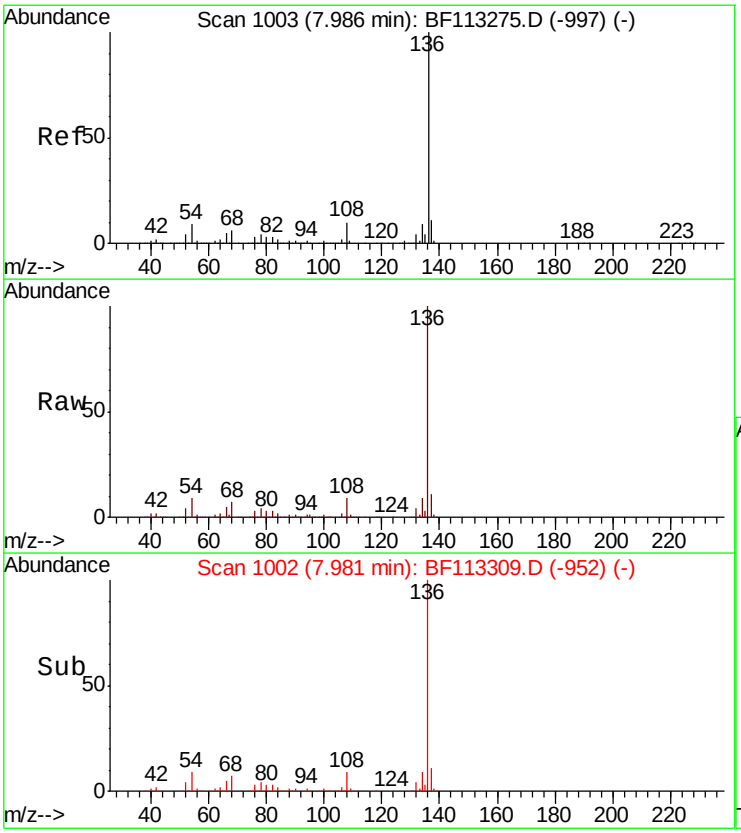
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:107 Resp: 3965

Ion	Ratio	Lower	Upper
107	100		
108	86.2	71.4	111.4
77	37.4	33.5	73.5
79	34.8	8.3	48.3

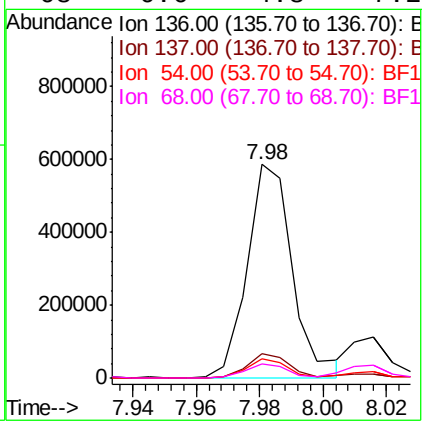


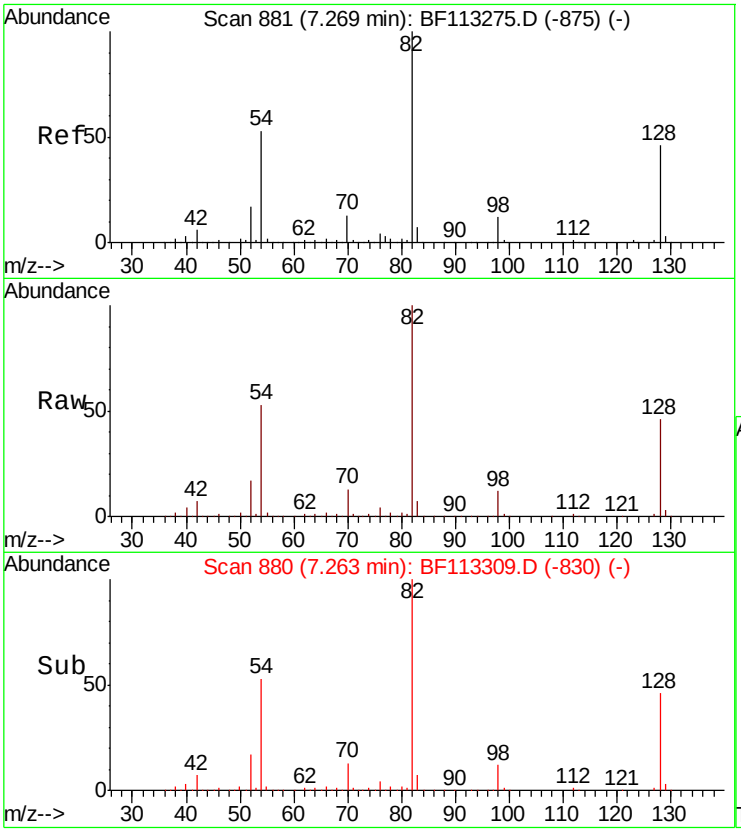


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:136 Resp: 580617

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.9	7.0	10.6
68	6.6	4.8	7.2



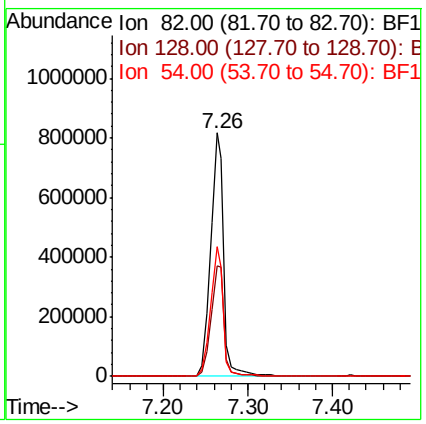


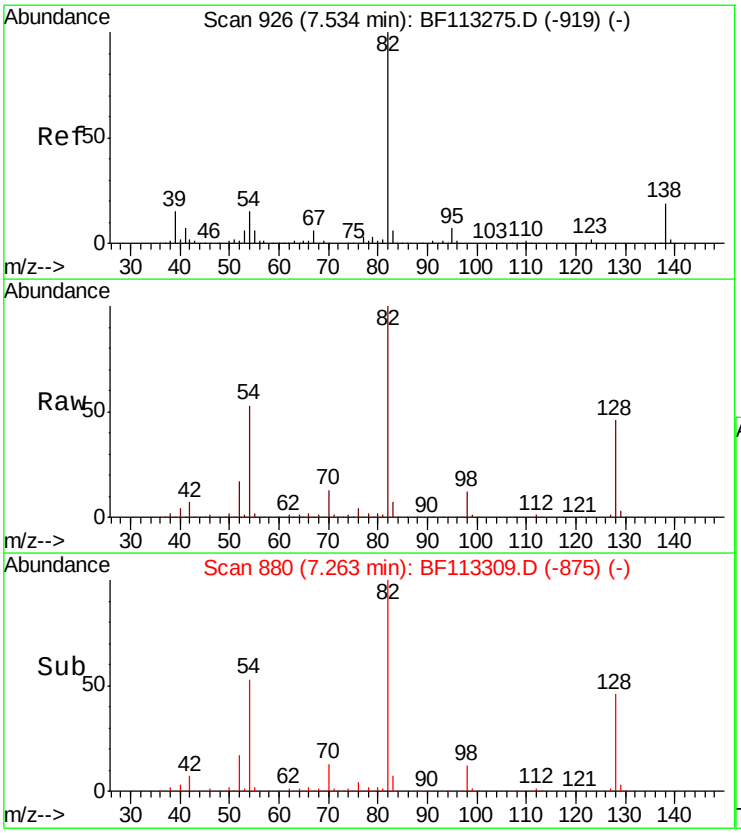
#23
Nitrobenzene-d5
Concen: 92.473 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion: 82 Resp: 904599

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	53.3	42.2	63.2

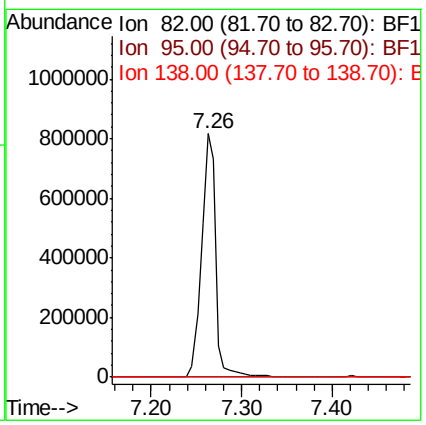


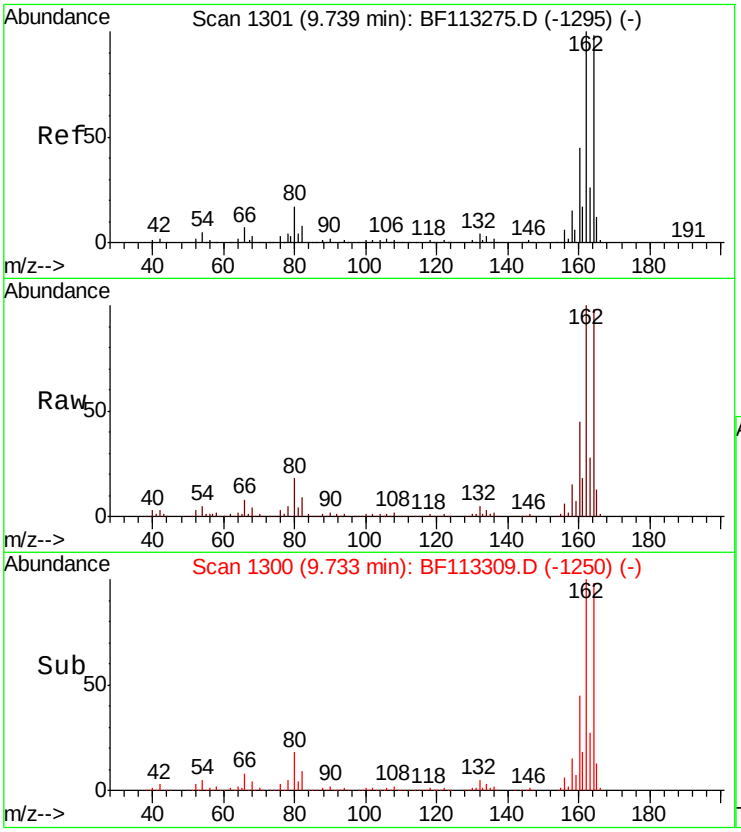


#25
Isophorone
Concen: 46.844 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion: 82 Resp: 888043

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#



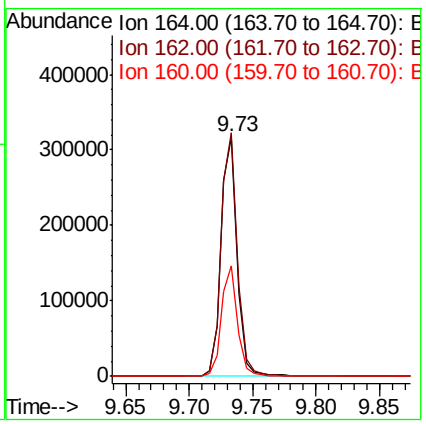


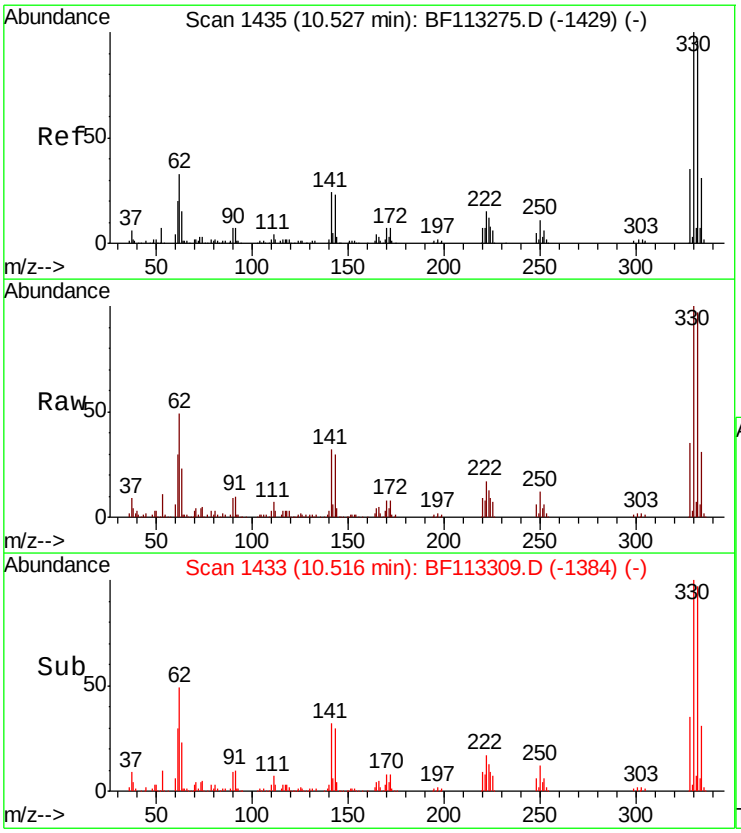
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:164 Resp: 282013

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	46.1	36.4	54.6

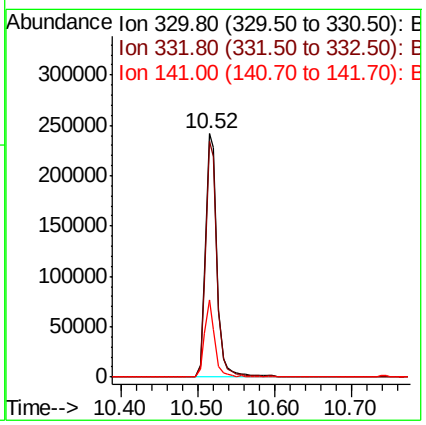


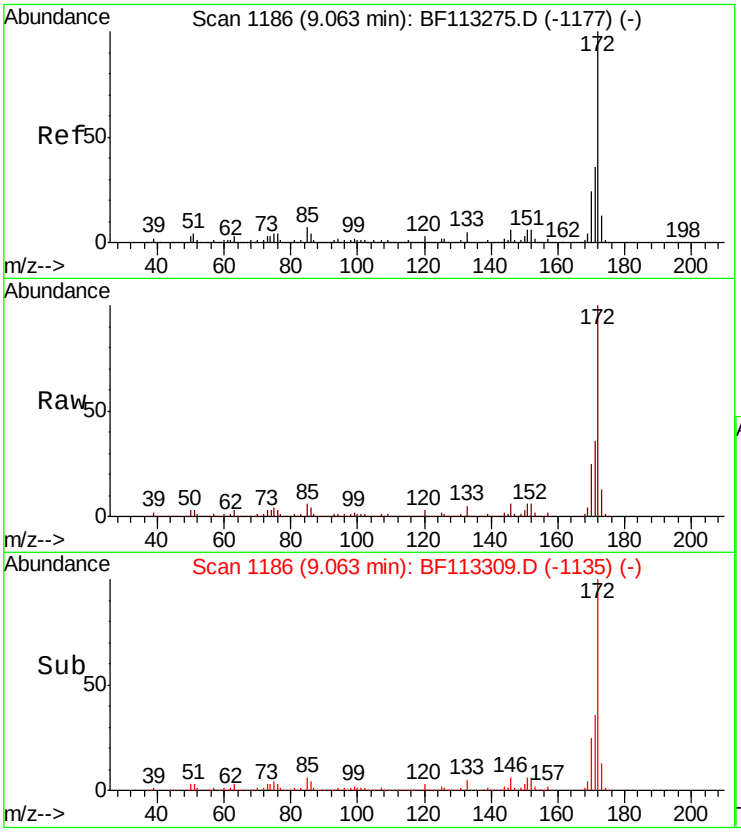


#42
2,4,6-Tribromophenol
Concen: 71.965 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:330 Resp: 250692

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	29.1	22.7	34.1



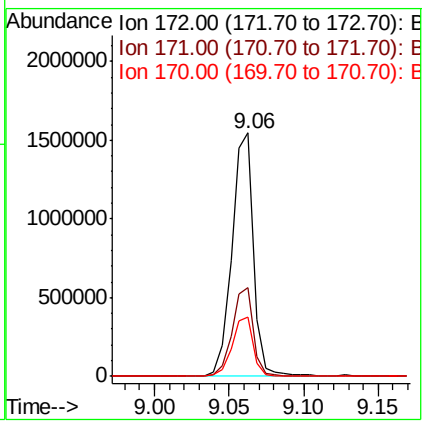


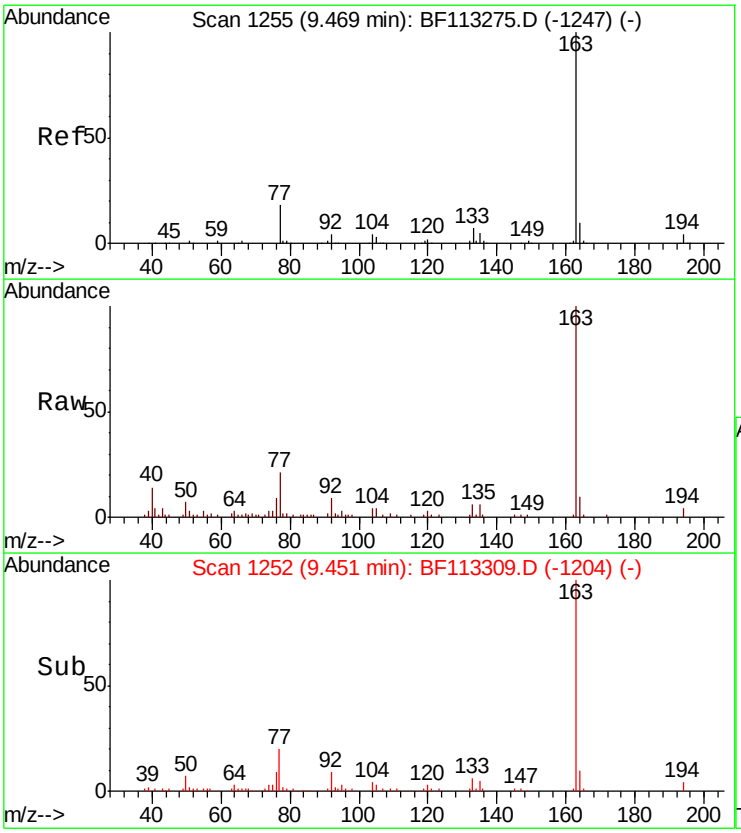
#45
2-Fluorobiphenyl
Concen: 88.280 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:172 Resp: 1576160

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.6	19.5	29.3

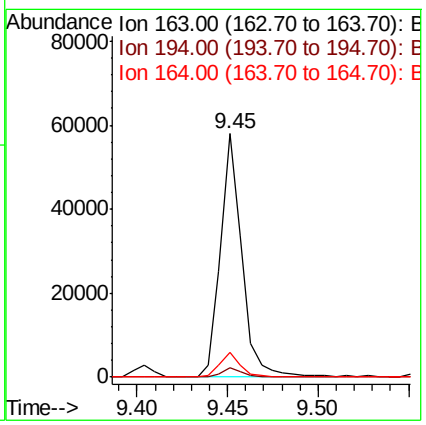


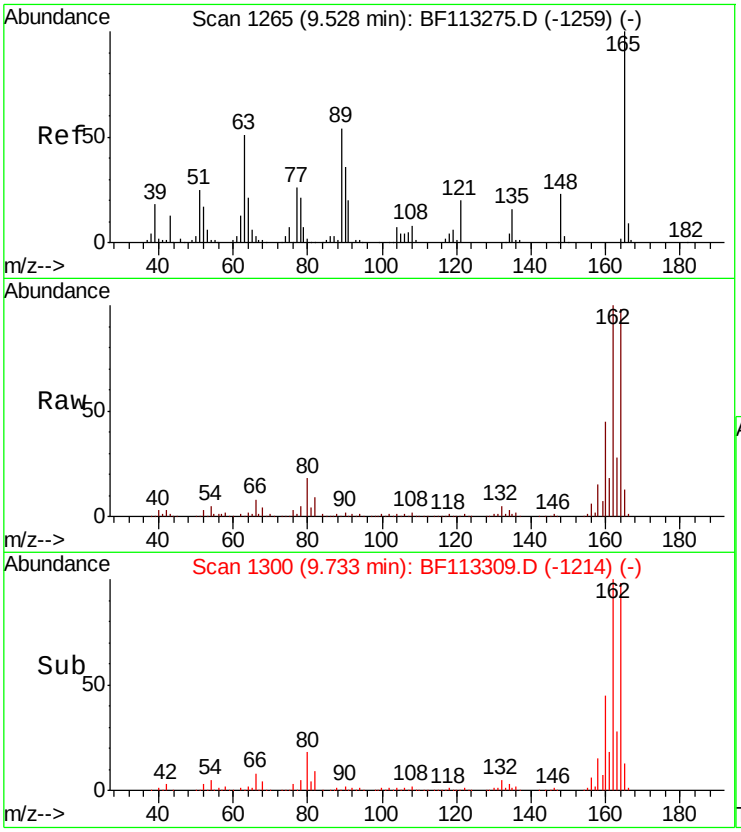


#50
Dimethylphthalate
Concen: 2.281 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:163 Resp: 47682

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.0	8.1	12.1



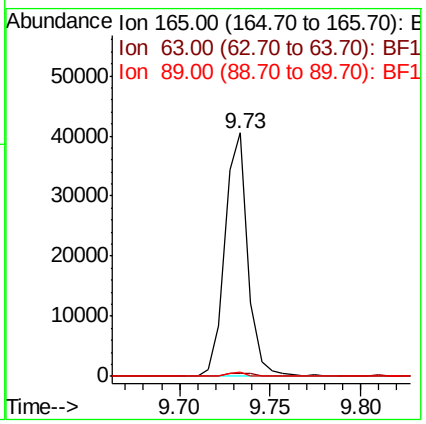


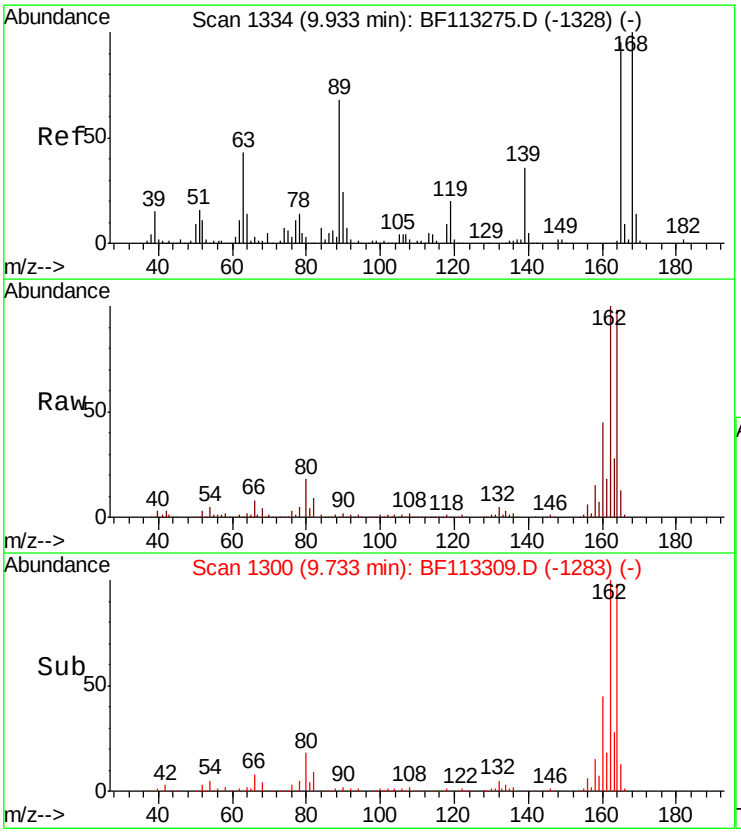
#51
2,6-Dinitrotoluene
Concen: 7.582 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:165 Resp: 35749

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.8	43.1	64.7#

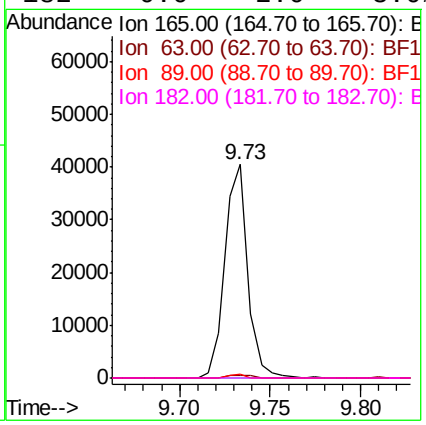


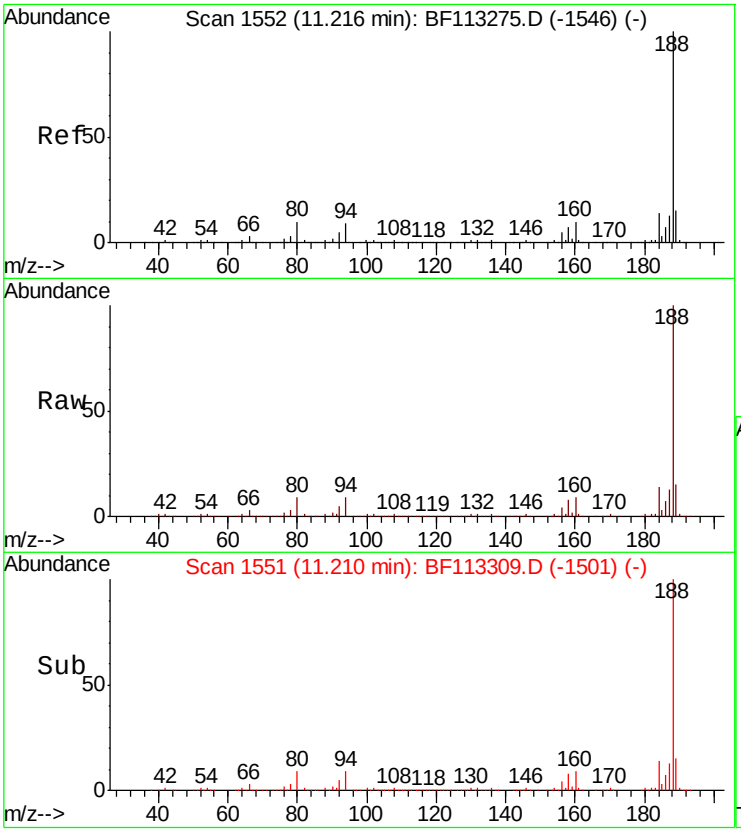


#57
2,4-Dinitrotoluene
Concen: 5.962 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:165 Resp: 35749

Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.5	56.3#
89	1.8	57.4	86.2#
182	0.0	2.0	3.0#



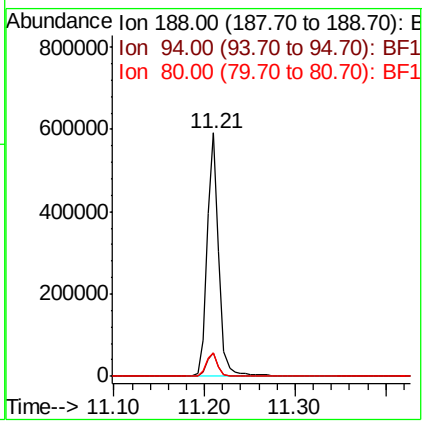


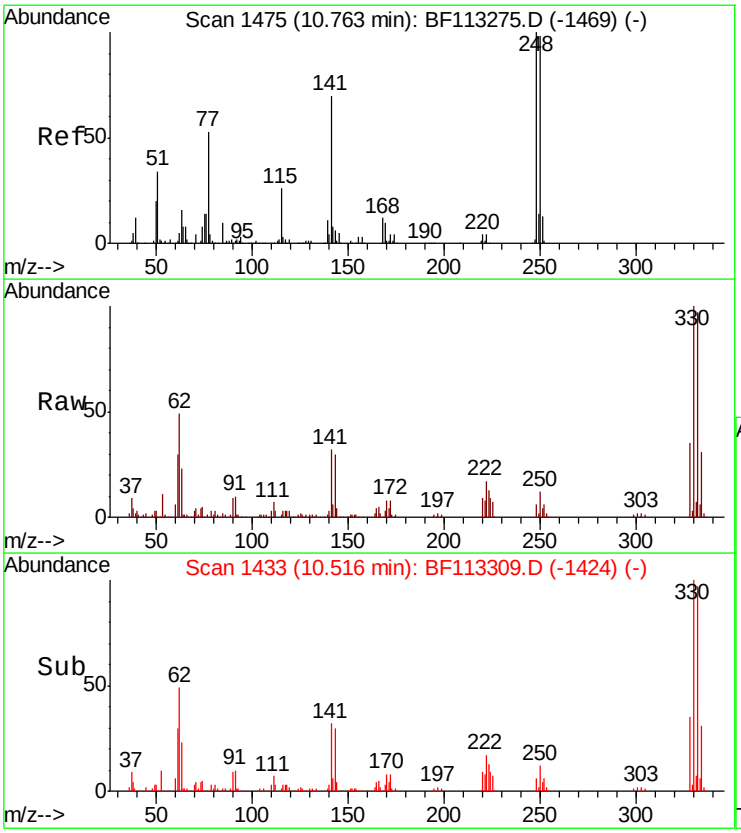
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:188 Resp: 533256

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.5	7.7	11.5

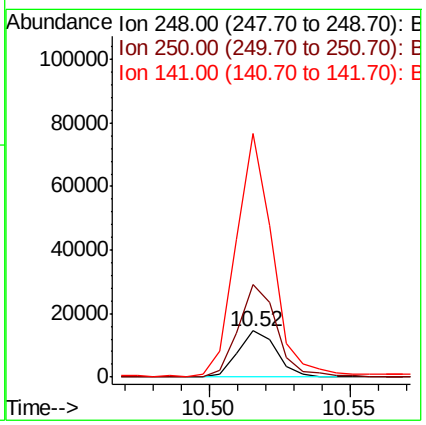


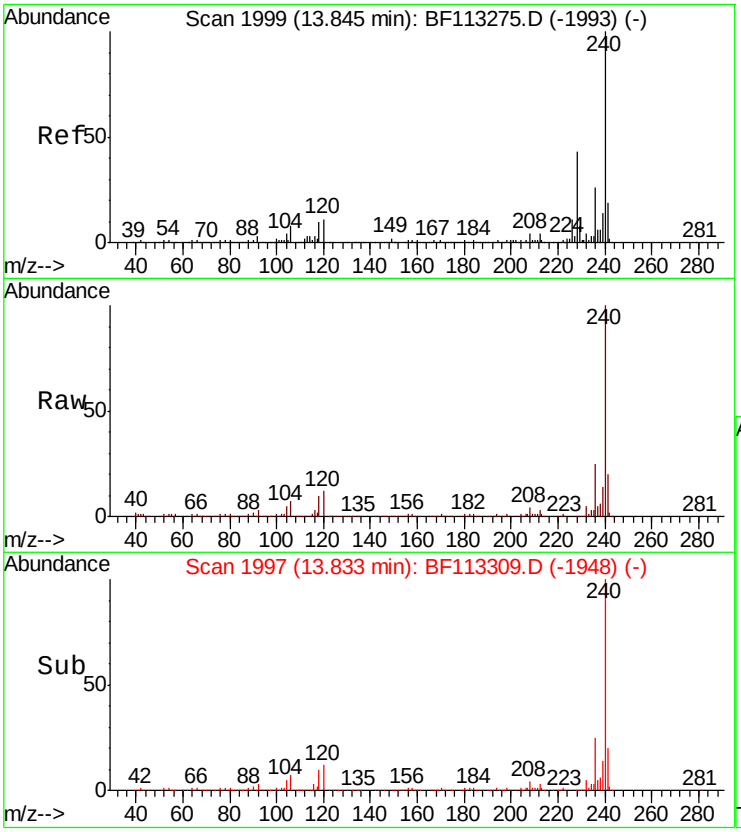


#67
4-Bromophenyl-phenylether
Concen: 2.355 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:248 Resp: 13689

Ion	Ratio	Lower	Upper
248	100		
250	199.5	78.3	117.5#
141	526.5	56.2	84.4#



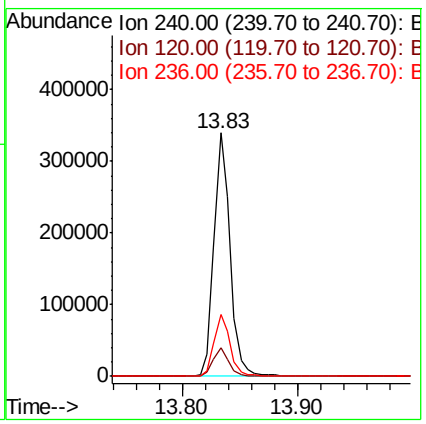


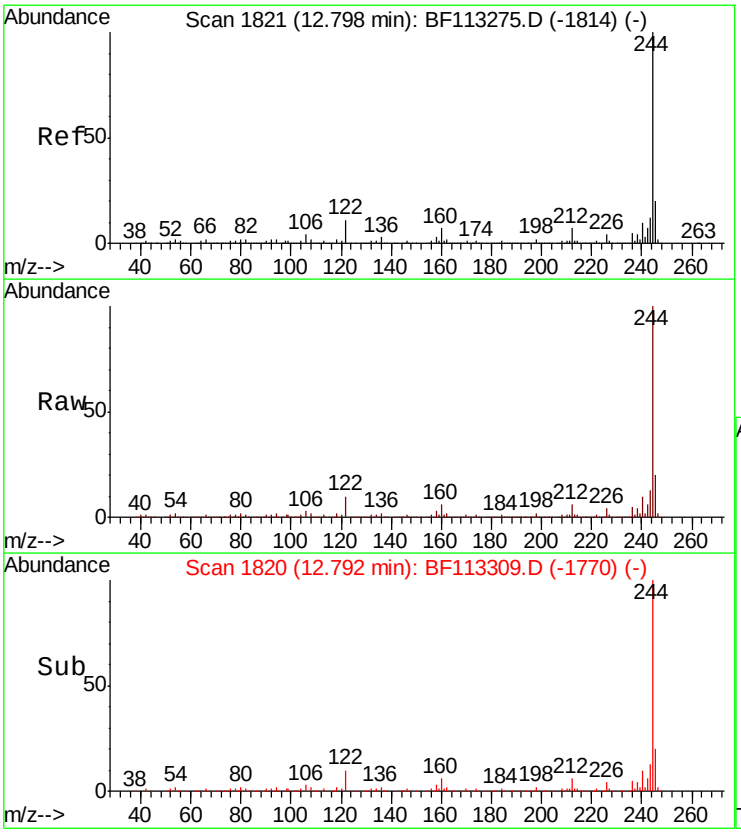
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:240 Resp: 329632

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.8	13.2
236	25.4	20.9	31.3

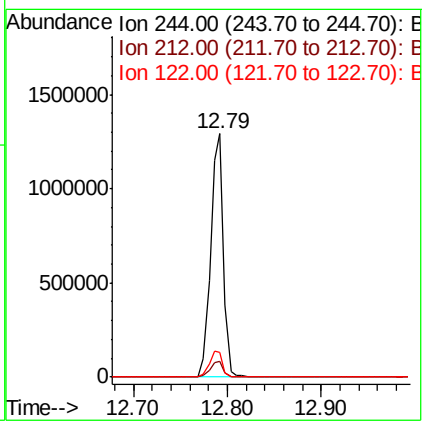


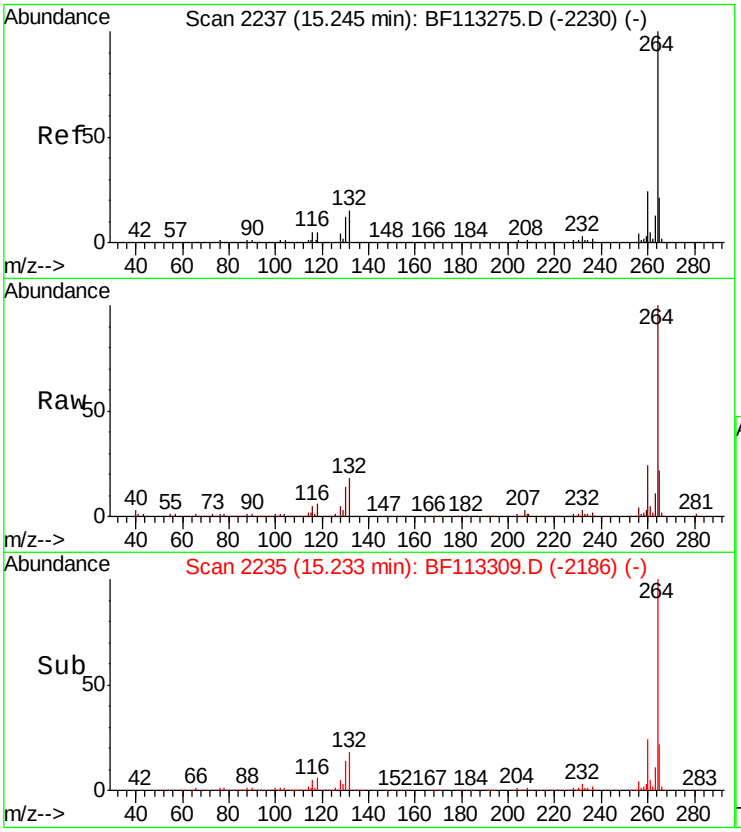


#79
Terphenyl-d14
Concen: 82.798 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Tgt Ion:244 Resp: 1238240

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	10.0	8.6	13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113309.D
Acq: 26 Mar 2019 23:49

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-3H-A

Tgt Ion:264 Resp: 377022

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	22.4	17.1	25.7