Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Quant Time: Mar 27 05:02:19 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	185908	20.00 ng	0.00
21) Naphthalene-d8	7.98	136	697459	20.00 ng	0.00
39) Acenaphthene-d10	9.73	164	346708	20.00 ng	0.00
64) Phenanthrene-d10	11.21	188	652573	20.00 ng	0.00
76) Chrysene-d12	13.83	240	383034	20.00 ng	-0.01
87) Perylene-d12	15.23	264	467560	20.00 ng	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	5.32	112	460196	40.48 ng	0.00
7) Phenol-d6	6.35	99	383464	26.66 ng	-0.01
23) Nitrobenzene-d5	7.27	82	1075001	91.48 ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	296050	69.13 ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1895346	85.86 ng	0.00
79) Terphenyl-d14	12.79	244	1501443	86.40 ng	0.00

Target Compounds	R.T.	QIon	Response	Conc Units		Qvalue
15) Benzyl Alcohol	6.86	79	37008	3.900 ng	#	55
19) n-Nitroso-di-n-propylamine	7.27	70	143688	15.904 ng	#	76
20) 3+4-Methylphenols	7.13	107	3885	Below Cal		86
25) Isophorone	7.27	82	1053587	46.265 ng	#	64
51) 2,6-Dinitrotoluene	9.73	165	44791	7.727 ng	#	27
57) 2,4-Dinitrotoluene	9.73	165	44791	6.076 ng	#	24
67) 4-Bromophenyl-phenylether	10.52	248	16569	2.330 ng	#	1

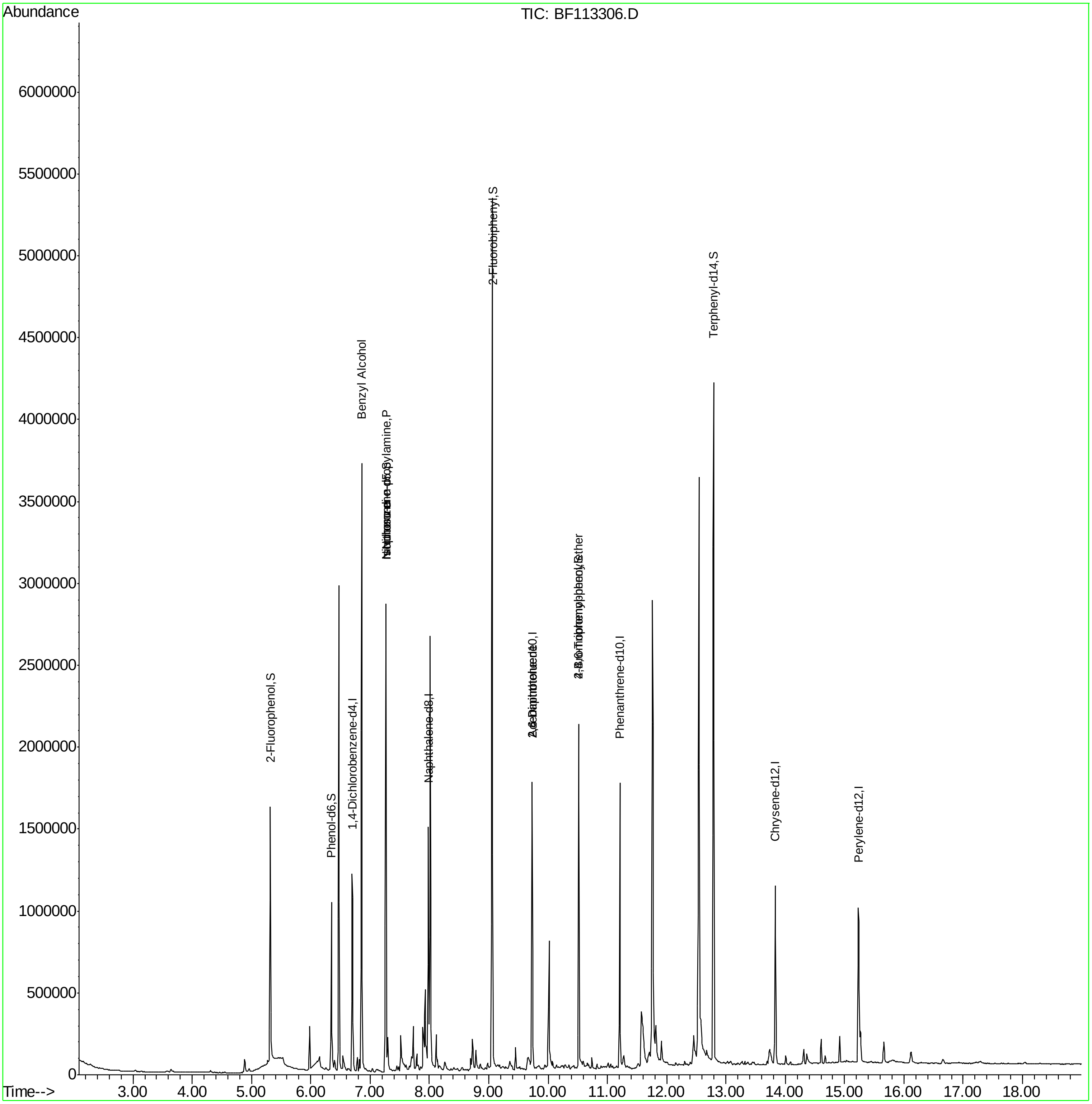
(#) = qualifier out of range (m) = manual integration (+) = signals summed

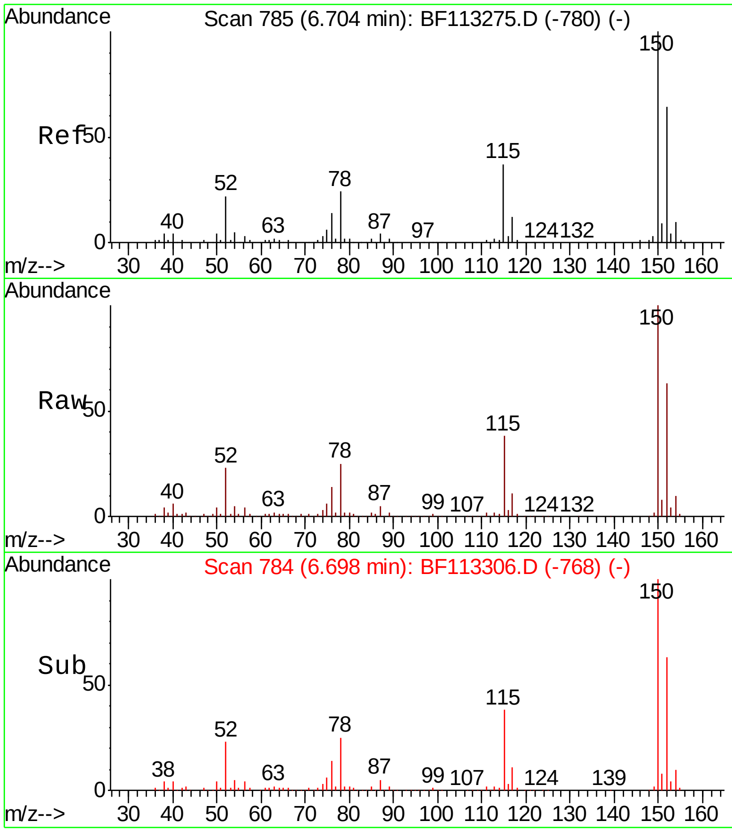
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Quant Time: Mar 27 05:02:19 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

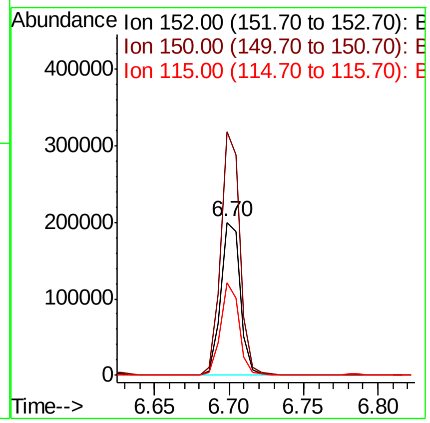


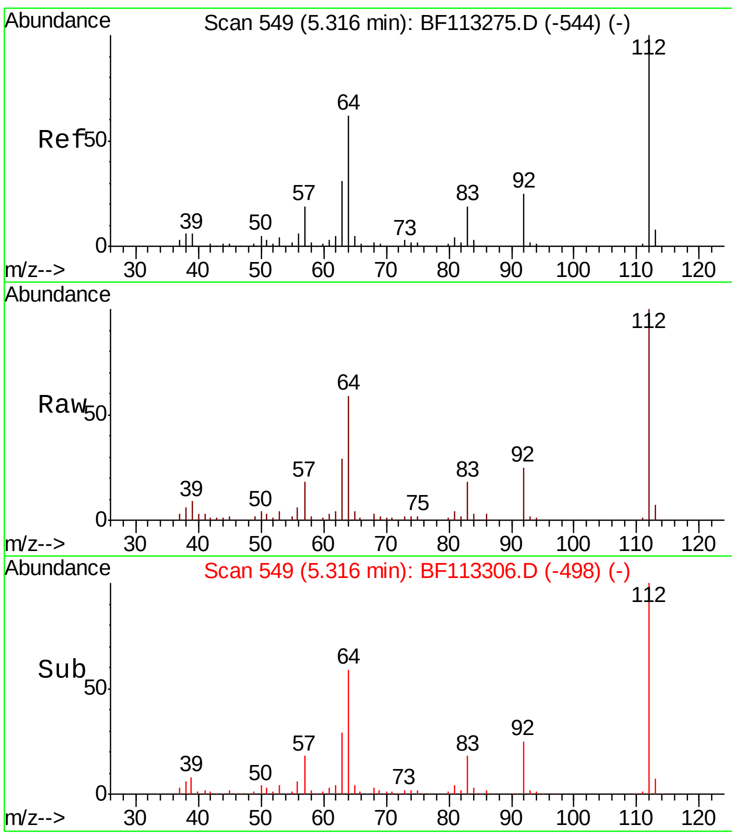


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min   Scan# 784
Delta R.T.   -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019   22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

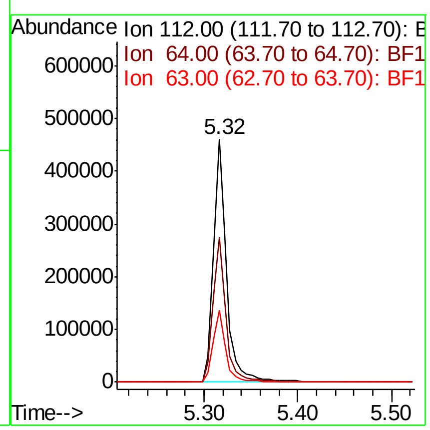
Tgt	Ion:152	Resp:	185908
Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.7	187.1
115	60.1	46.0	69.0



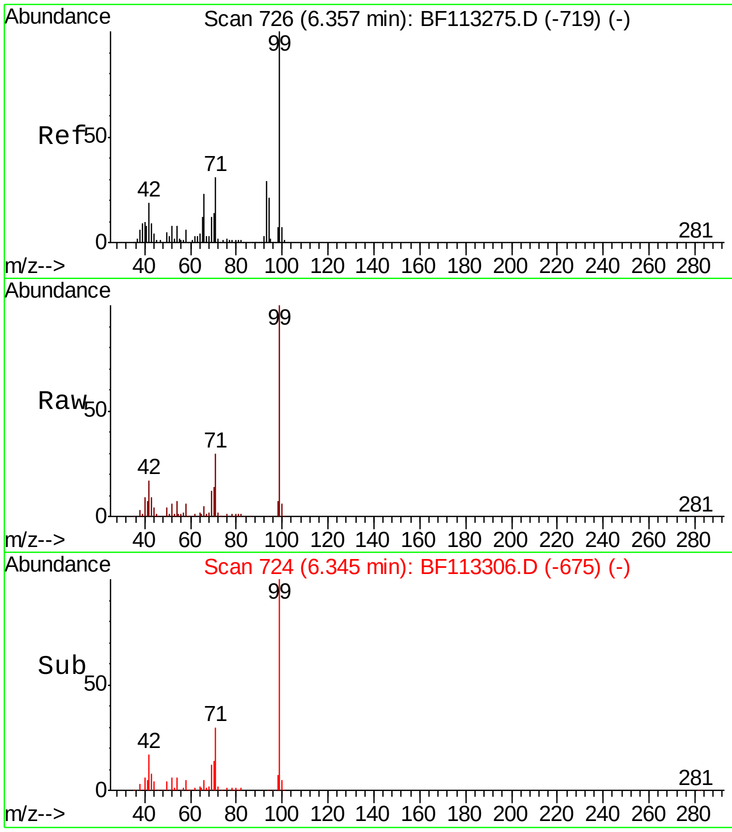


#5
2-Fluorophenol
Concen: 40.476 ng
RT: 5.32 min   Scan# 549
Delta R.T.   0.00 min
Lab File: BF113306.D
Acq: 26 Mar 2019   22:21

Tgt	Ion:112	Resp:	460196
Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.2	73.8
63	29.4	24.9	37.3



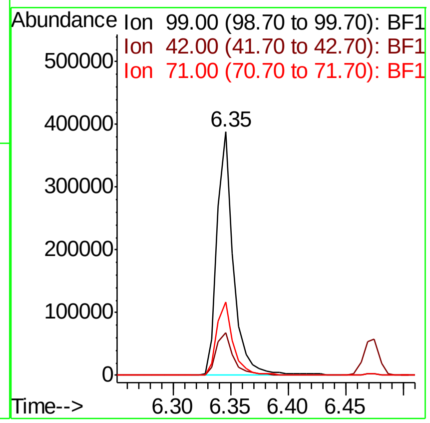
Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

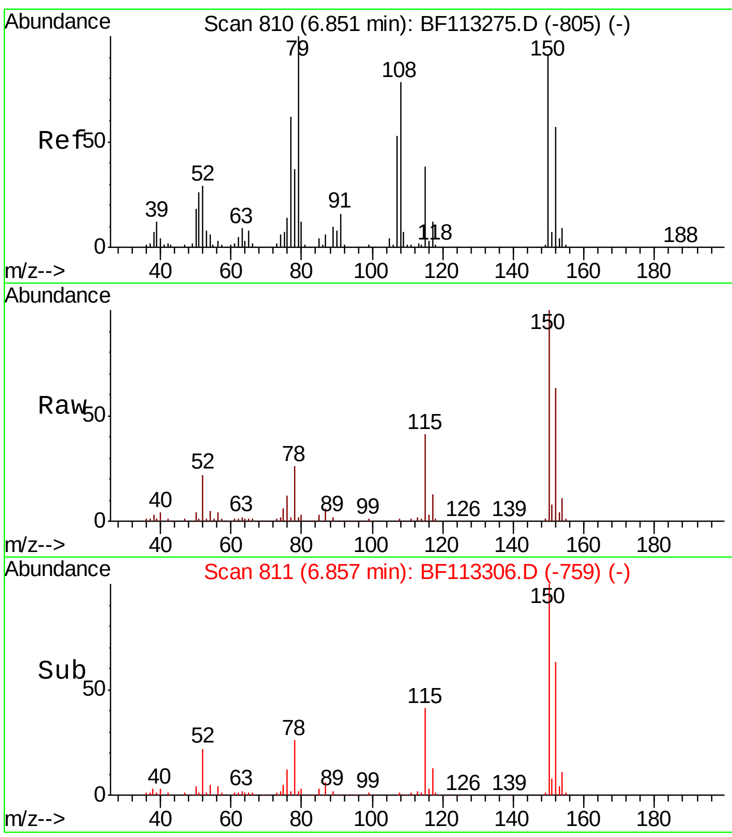


#7
Phenol-d6
Concen: 26.660 ng
RT: 6.35 min Scan# 724
Delta R.T.   -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Tgt Ion: 99 Resp: 383464

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.8	22.2
71	29.9	24.9	37.3

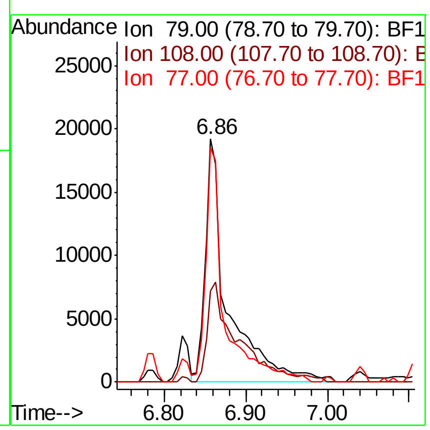


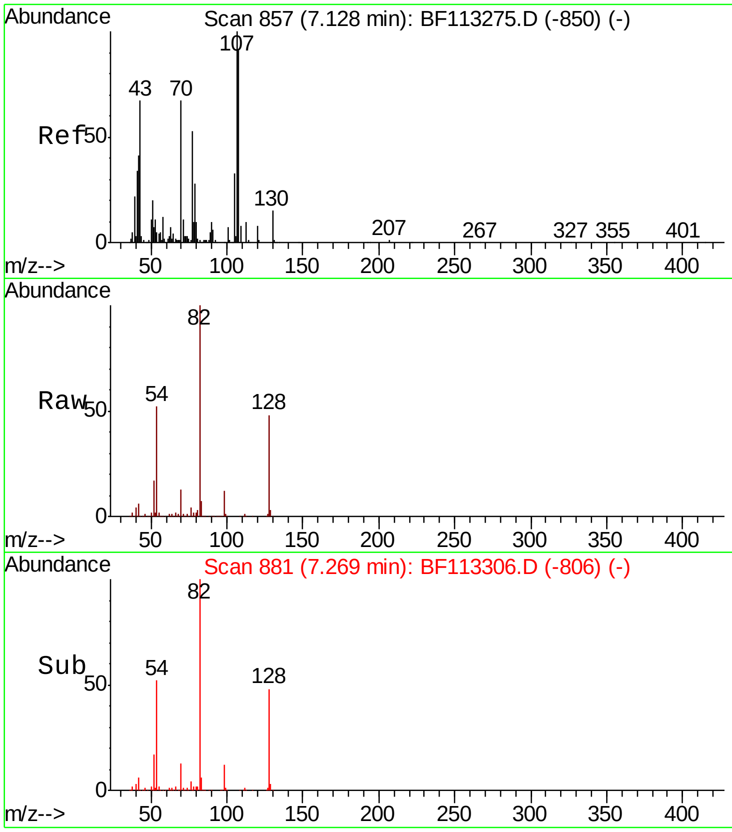


#15
Benzyl Alcohol
Concen: 3.900 ng
RT: 6.86 min Scan# 811
Delta R.T.   0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Tgt Ion: 79 Resp: 37008

Ion	Ratio	Lower	Upper
79	100		
108	37.6	62.0	93.0#
77	96.6	49.9	74.9#



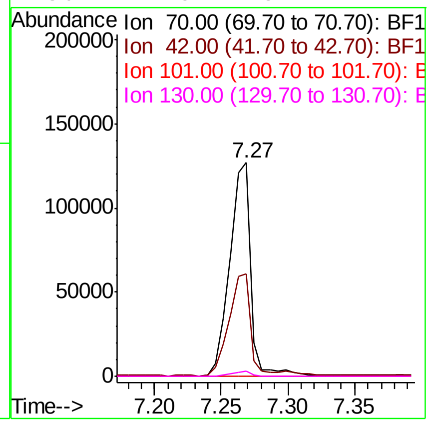


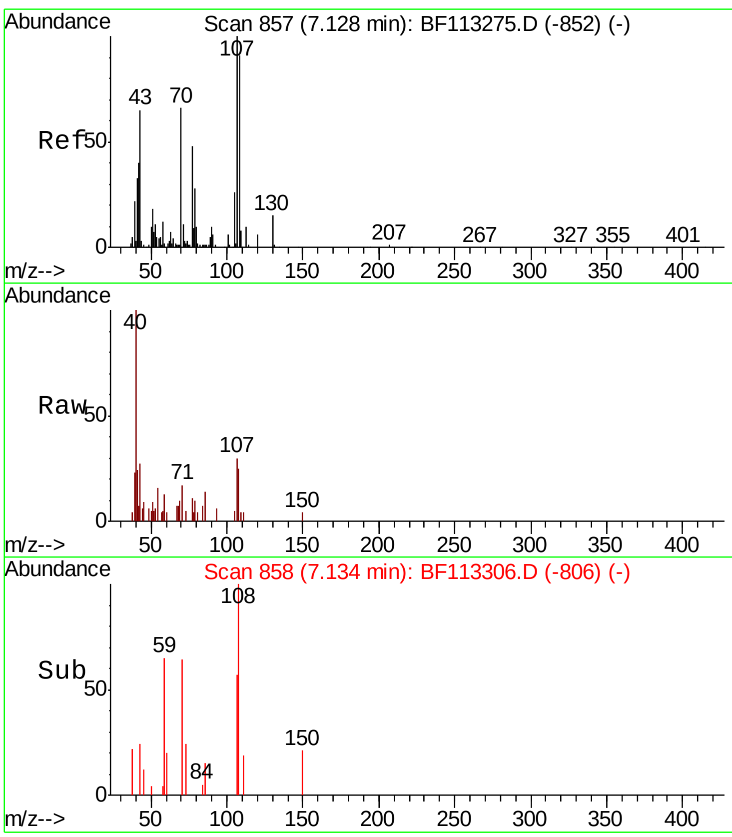
#19
n-Nitroso-di-n-propylamine
Concen: 15.904 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Tgt Ion: 70 Resp: 143688

Ion	Ratio	Lower	Upper
70	100		
42	47.8	48.4	72.6#
101	0.0	7.8	11.8#
130	2.5	18.2	27.4#

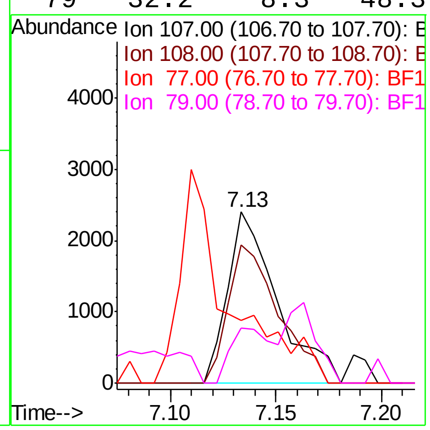


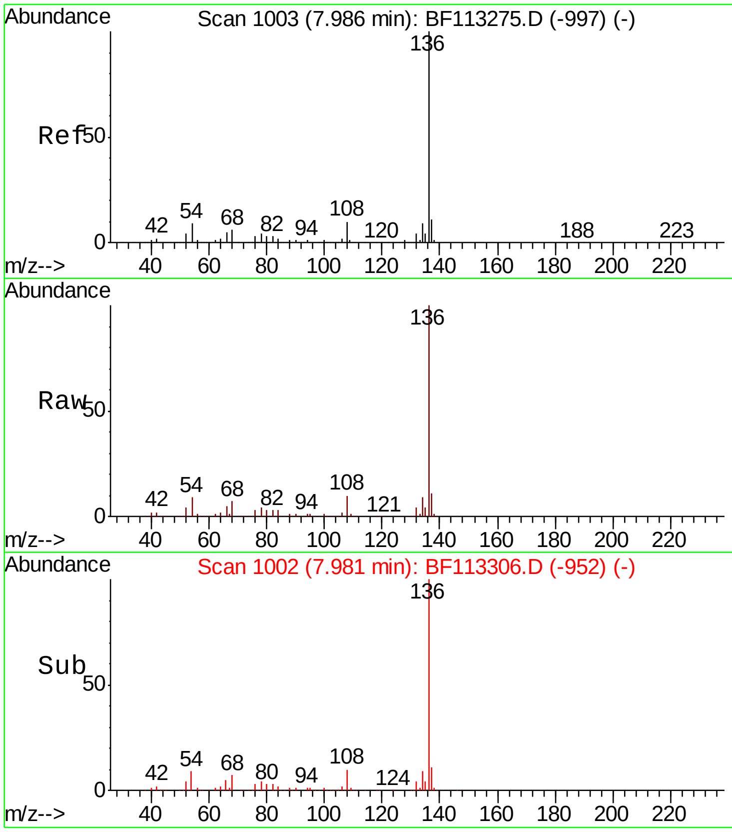


#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Tgt Ion:107 Resp: 3885

Ion	Ratio	Lower	Upper
107	100		
108	80.9	71.4	111.4
77	36.5	33.5	73.5
79	32.2	8.3	48.3



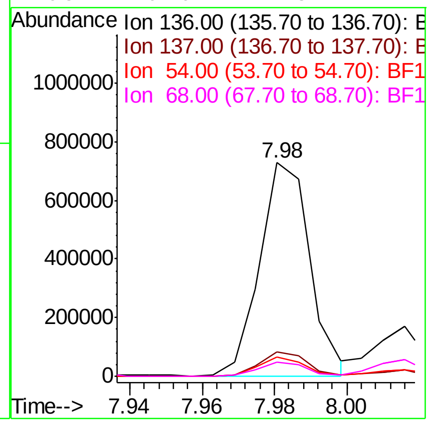


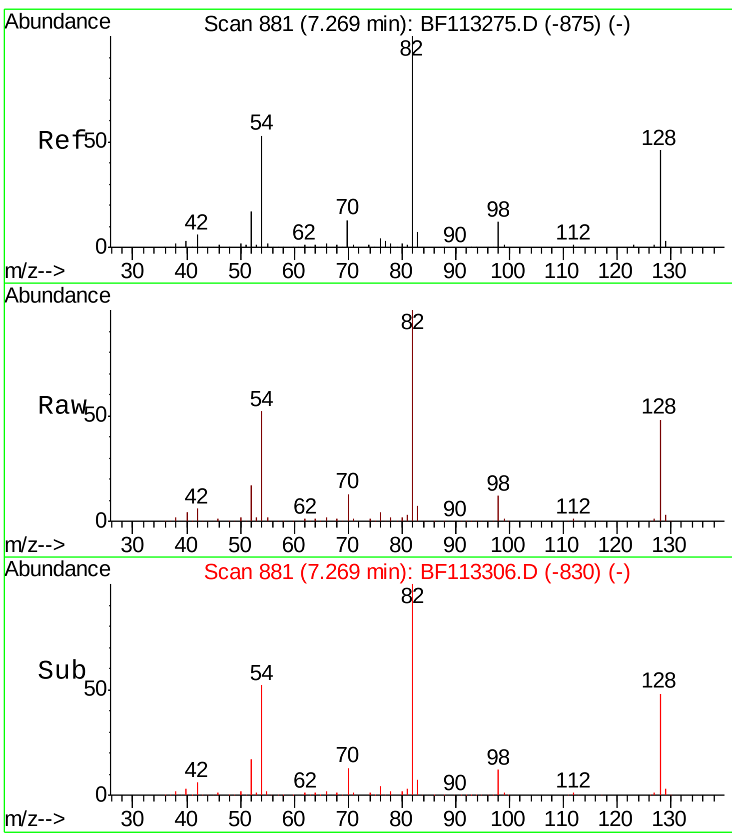
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Tgt Ion:136 Resp: 697459

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	7.0	10.6
68	6.6	4.8	7.2

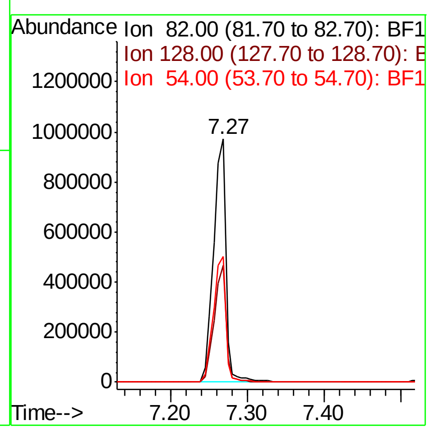


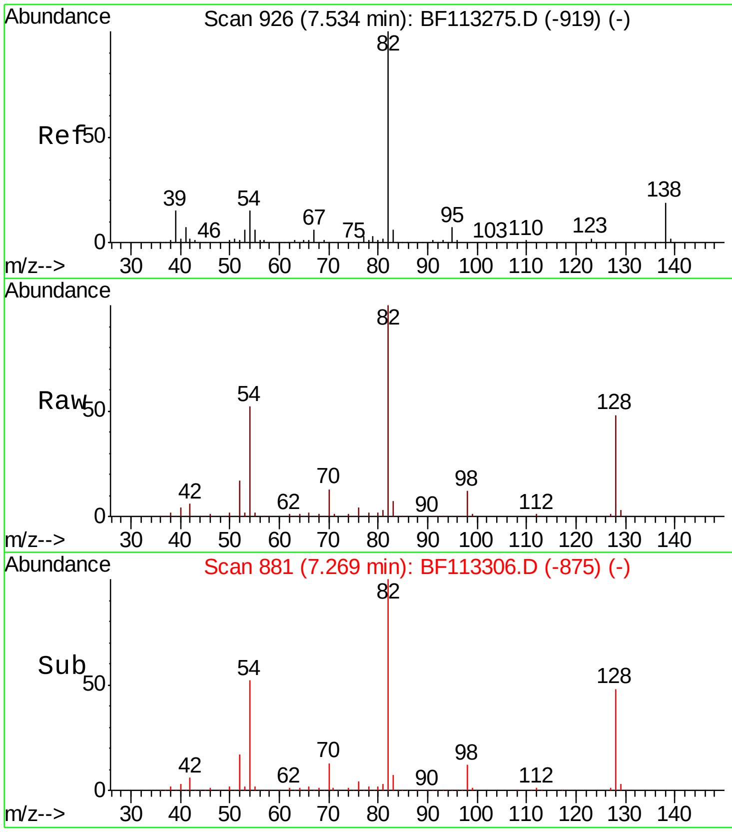


#23
Nitrobenzene-d5
Concen: 91.483 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Tgt Ion: 82 Resp: 1075001

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.5	54.7
54	51.6	42.2	63.2



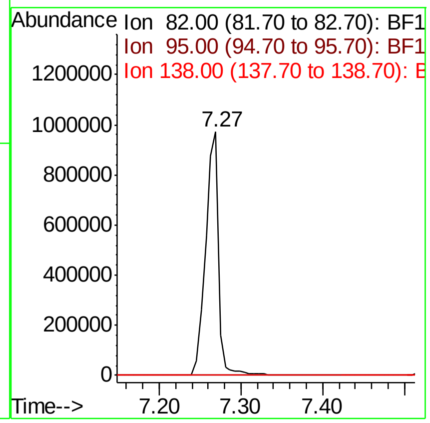


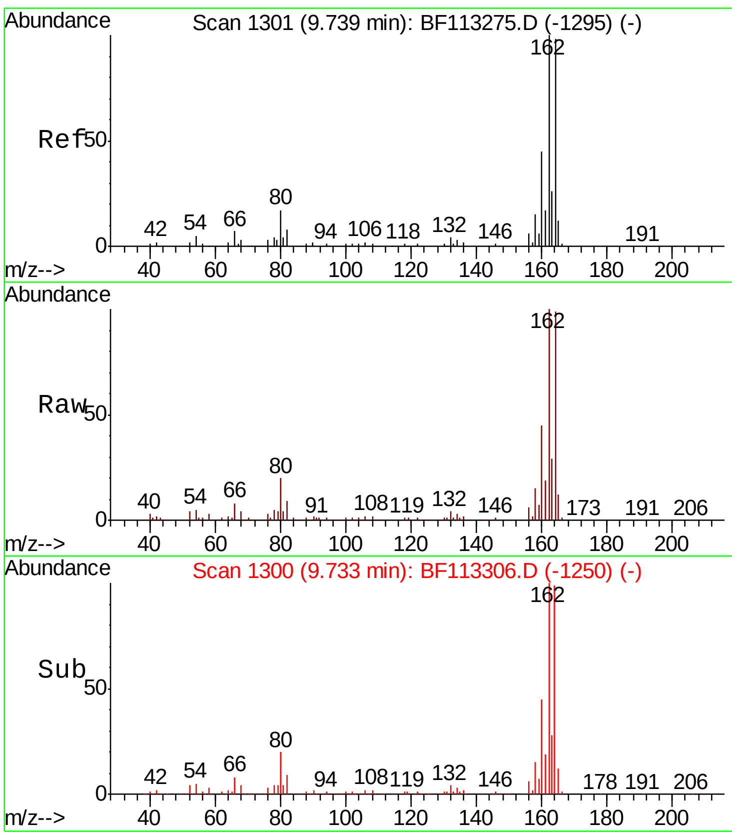
#25
Isophorone
Concen: 46.265 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Tgt Ion: 82 Resp: 1053587

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.0	15.2	22.8#

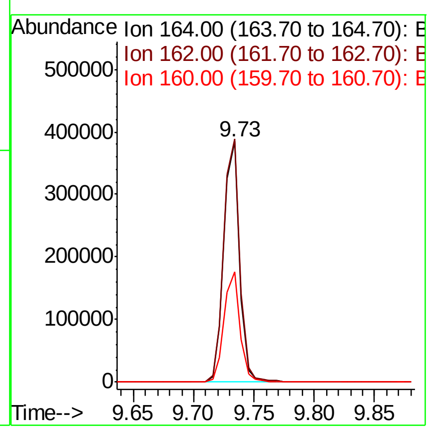


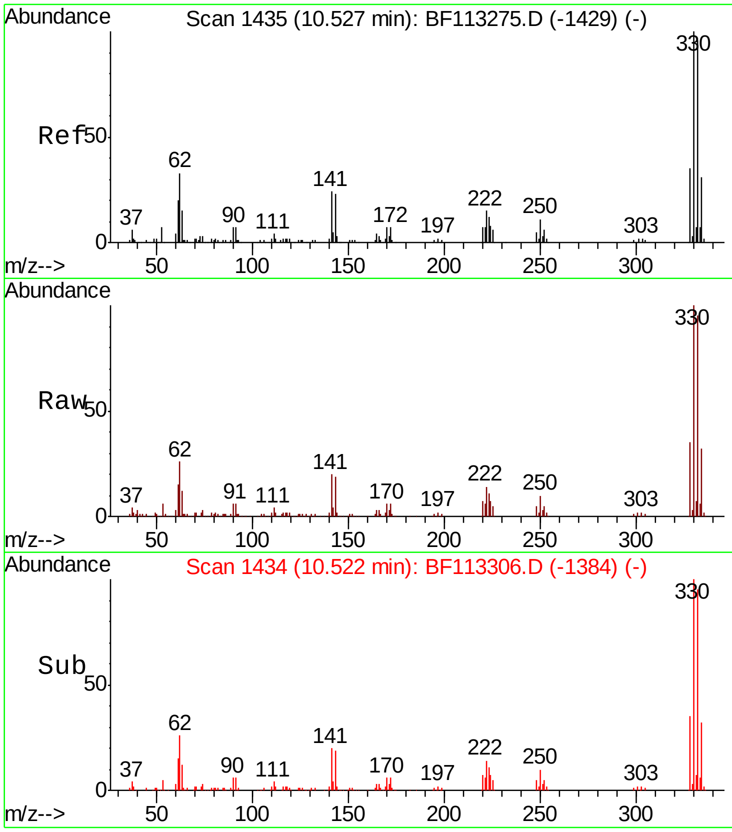


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Tgt Ion:164 Resp: 346708

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	45.7	36.4	54.6



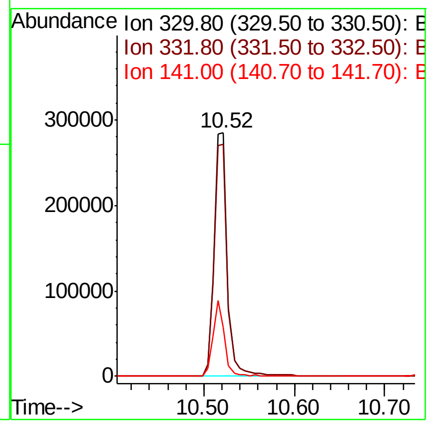


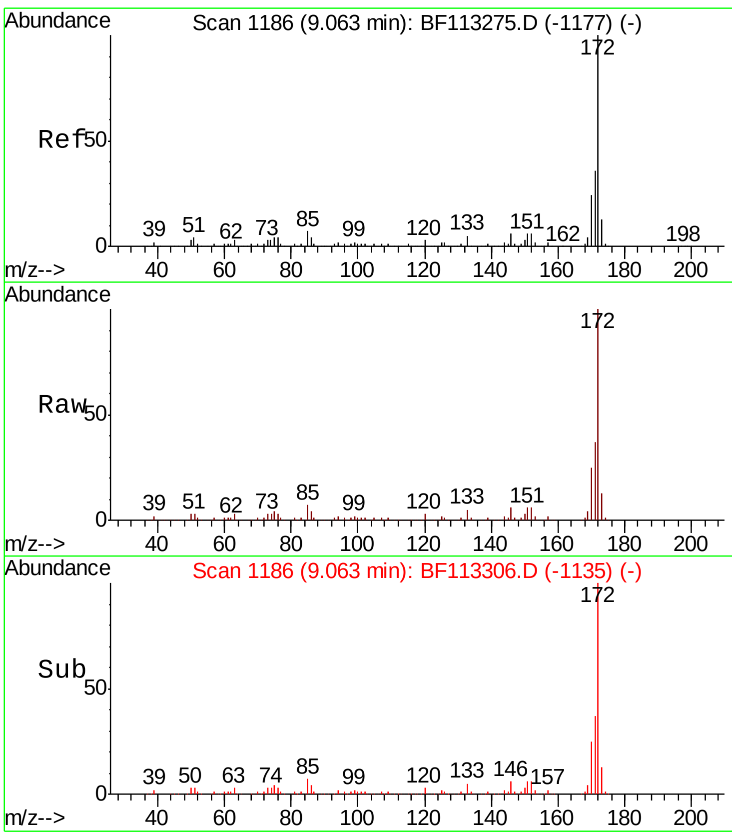
#42
2,4,6-Tribromophenol
Concen: 69.128 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Tgt Ion:330 Resp: 296050

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	27.5	22.7	34.1

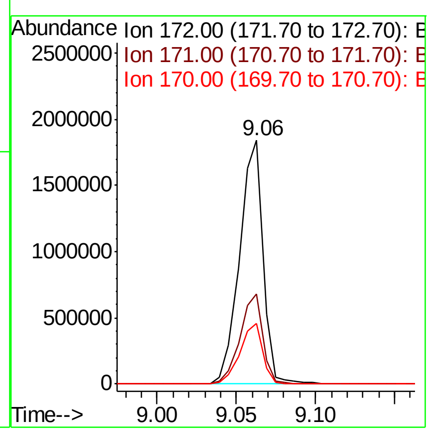


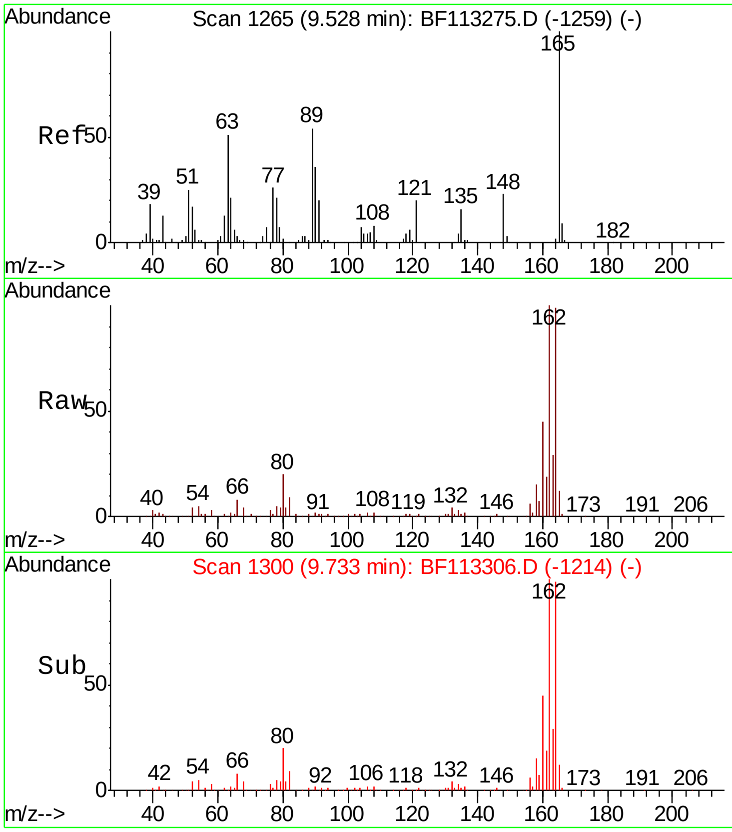


#45
2-Fluorobiphenyl
Concen: 85.861 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Tgt Ion:172 Resp: 1895346

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	25.1	19.5	29.3



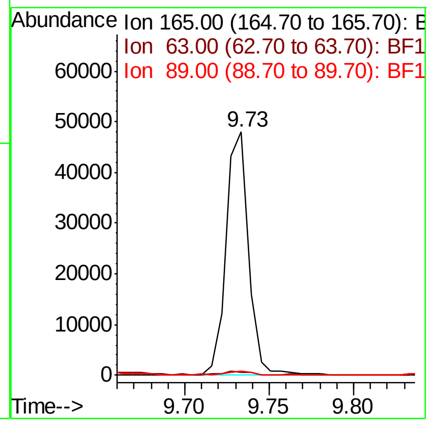


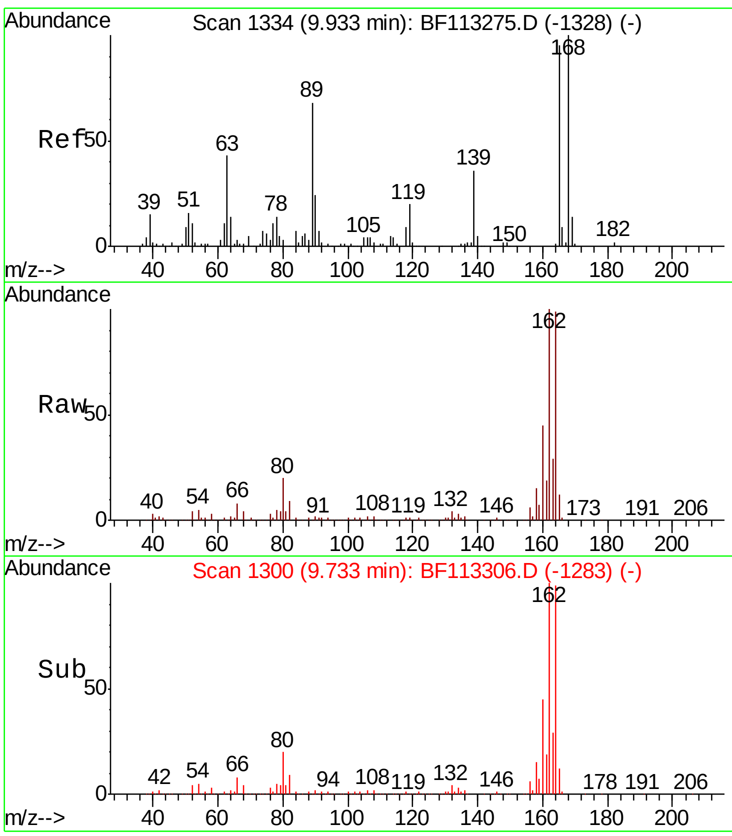
#51
2,6-Dinitrotoluene
Concen: 7.727 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Tgt Ion:165 Resp: 44791

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.8	43.1	64.7#

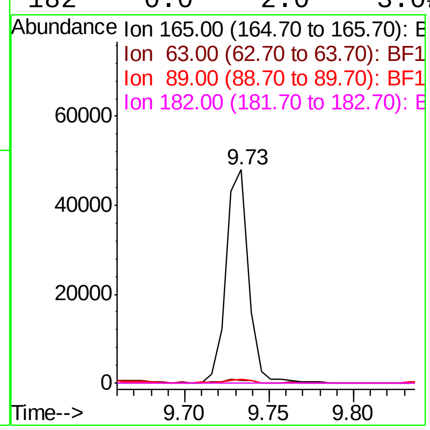


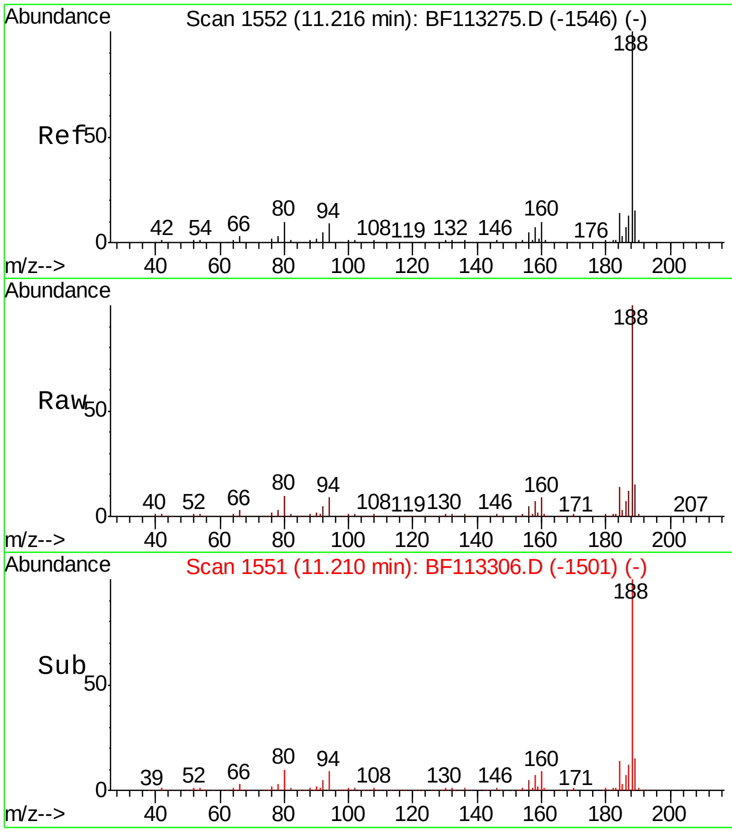


#57
2,4-Dinitrotoluene
Concen: 6.076 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Tgt Ion:165 Resp: 44791

Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.5	56.3#
89	1.8	57.4	86.2#
182	0.0	2.0	3.0#



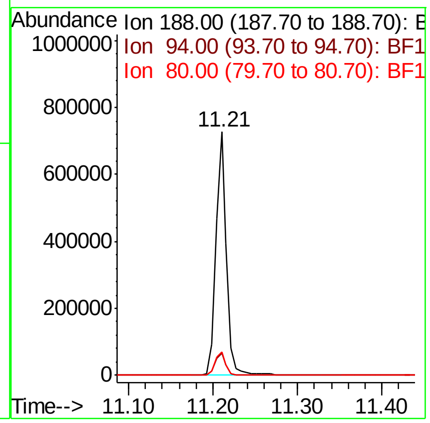


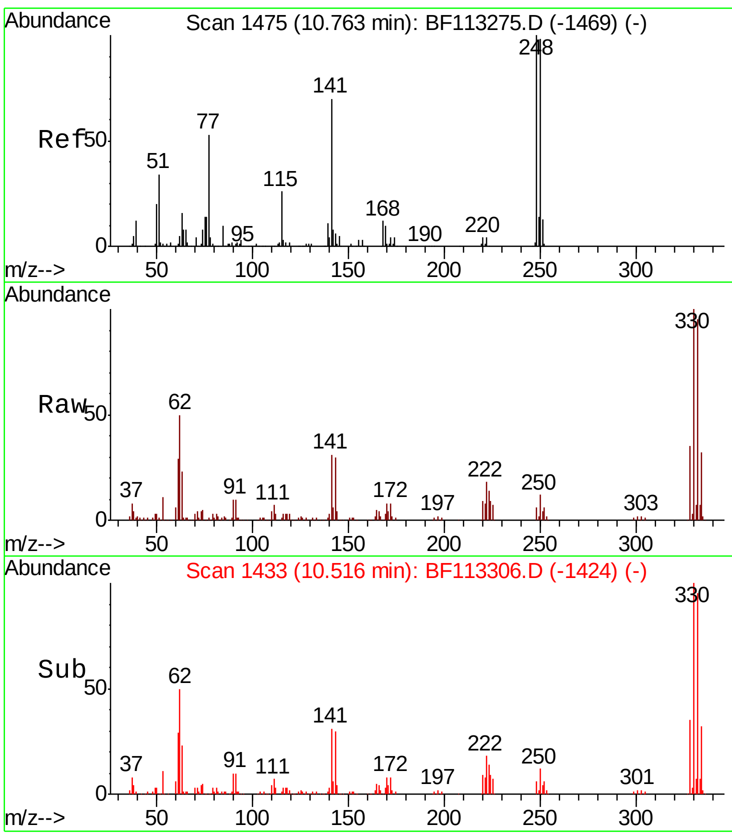
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min   Scan# 1551
Delta R.T.   -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019   22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Tgt Ion:188 Resp: 652573

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.8	7.7	11.5

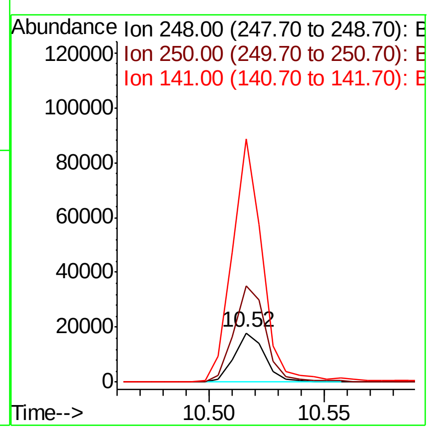


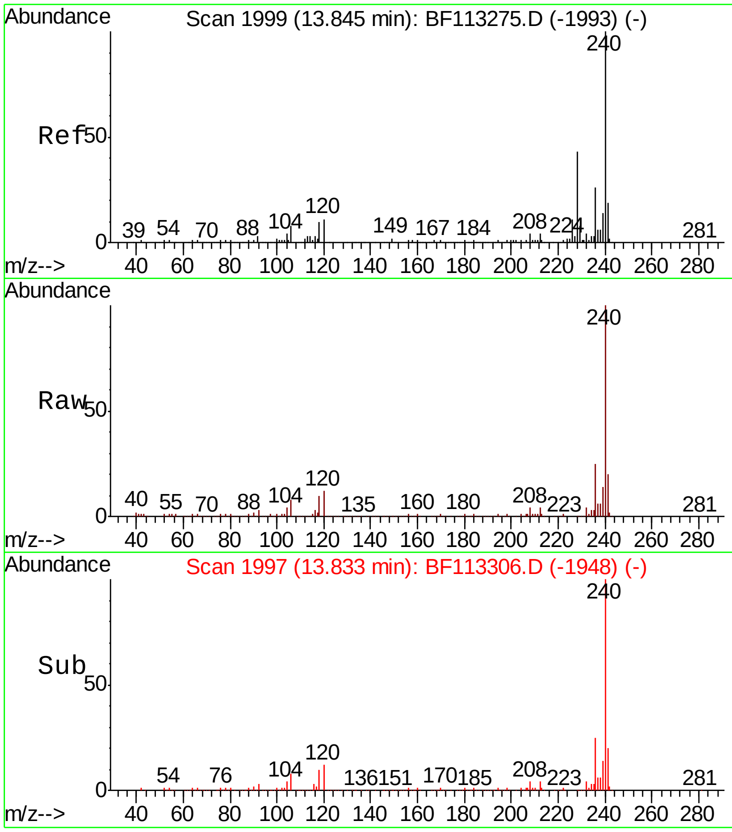


#67
4-Bromophenyl-phenylether
Concen: 2.330 ng
RT: 10.52 min   Scan# 1433
Delta R.T.   -0.25 min
Lab File: BF113306.D
Acq: 26 Mar 2019   22:21

Tgt Ion:248 Resp: 16569

Ion	Ratio	Lower	Upper
248	100		
250	195.5	78.3	117.5#
141	496.1	56.2	84.4#



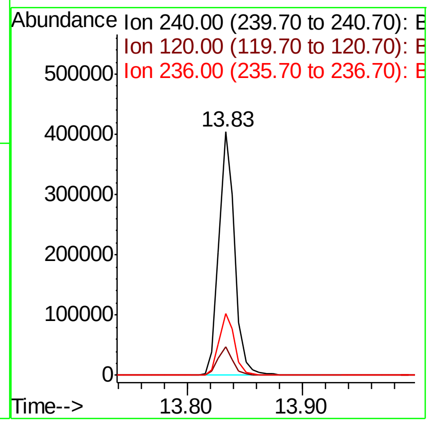


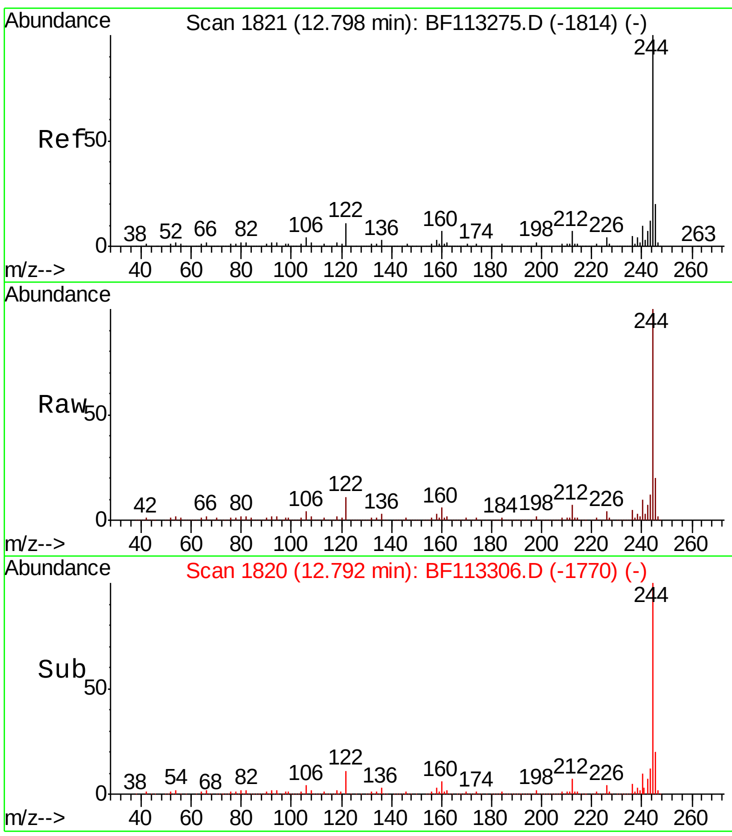
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min   Scan# 1997
Delta R.T.   -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019   22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Tgt Ion:240 Resp: 383034

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.8	13.2
236	25.5	20.9	31.3

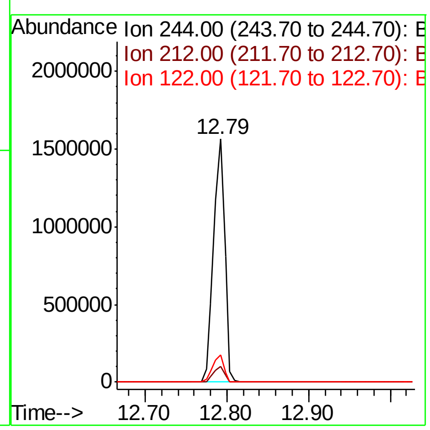


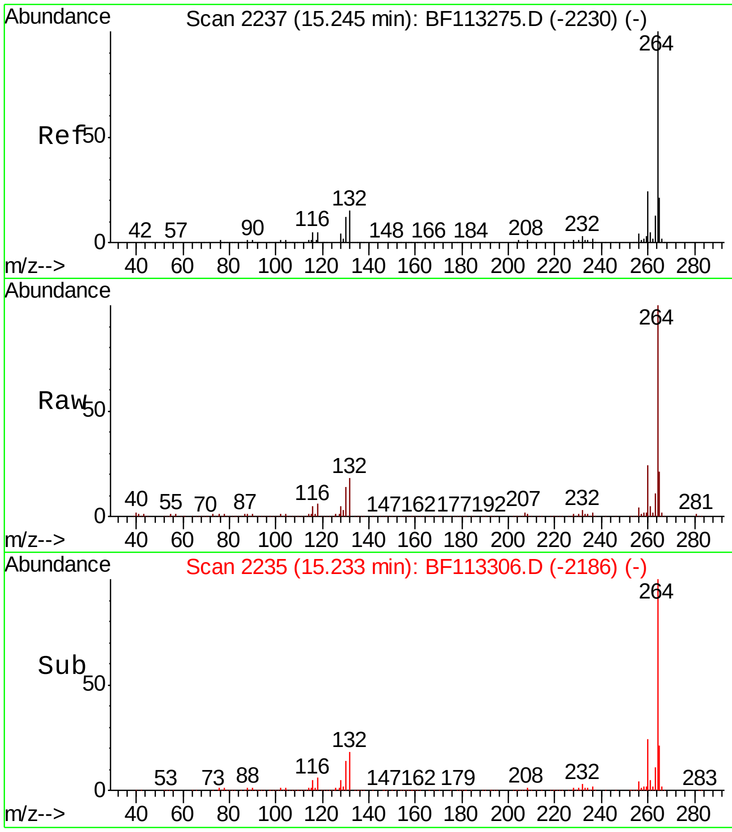


#79
Terphenyl-d14
Concen: 86.401 ng
RT: 12.79 min   Scan# 1820
Delta R.T.   -0.00 min
Lab File: BF113306.D
Acq: 26 Mar 2019   22:21

Tgt Ion:244 Resp: 1501443

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.1	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: BF113306.D
Acq: 26 Mar 2019 22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Tgt Ion:264 Resp: 467560

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.1	17.1	25.7