Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104678.D
Acq On : 20 Apr 2018 17:00
Operator : JU/SJ
Sample : J2475-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-02

Quant Time: Apr 21 04:12:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112338	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	440318	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	182389	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	305356	20.00	ng	0.00
75) Chrysene-d12	13.98	240	237275	20.00	ng	0.00
86) Perylene-d12	15.45	264	195474	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	637384	86.76	ng	0.00
7) Phenol-d6	6.45	99	747813	82.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	441225	65.43	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	163980	86.67	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	808402	70.02	ng	0.00
78) Terphenyl-d14	12.92	244	688827	66.19	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	56915	9.649	ng	# 72
25) Isophorone	7.37	82	441221	30.942	ng	# 64
49) Dimethylphthalate	9.56	163	52904	3.678	ng	99
50) 2,6-Dinitrotoluene	9.85	165	22425	8.426	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	22425	6.424	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	270	7.501	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10037	3.090	ng	# 1
76) Benzidine	12.92	184	9012	Below Cal		98
87) Benzo(b)fluoranthene	15.02	252	34031	2.756	ng	# 79
88) Benzo(k)fluoranthene	15.02	252	34031	2.920	ng	# 83

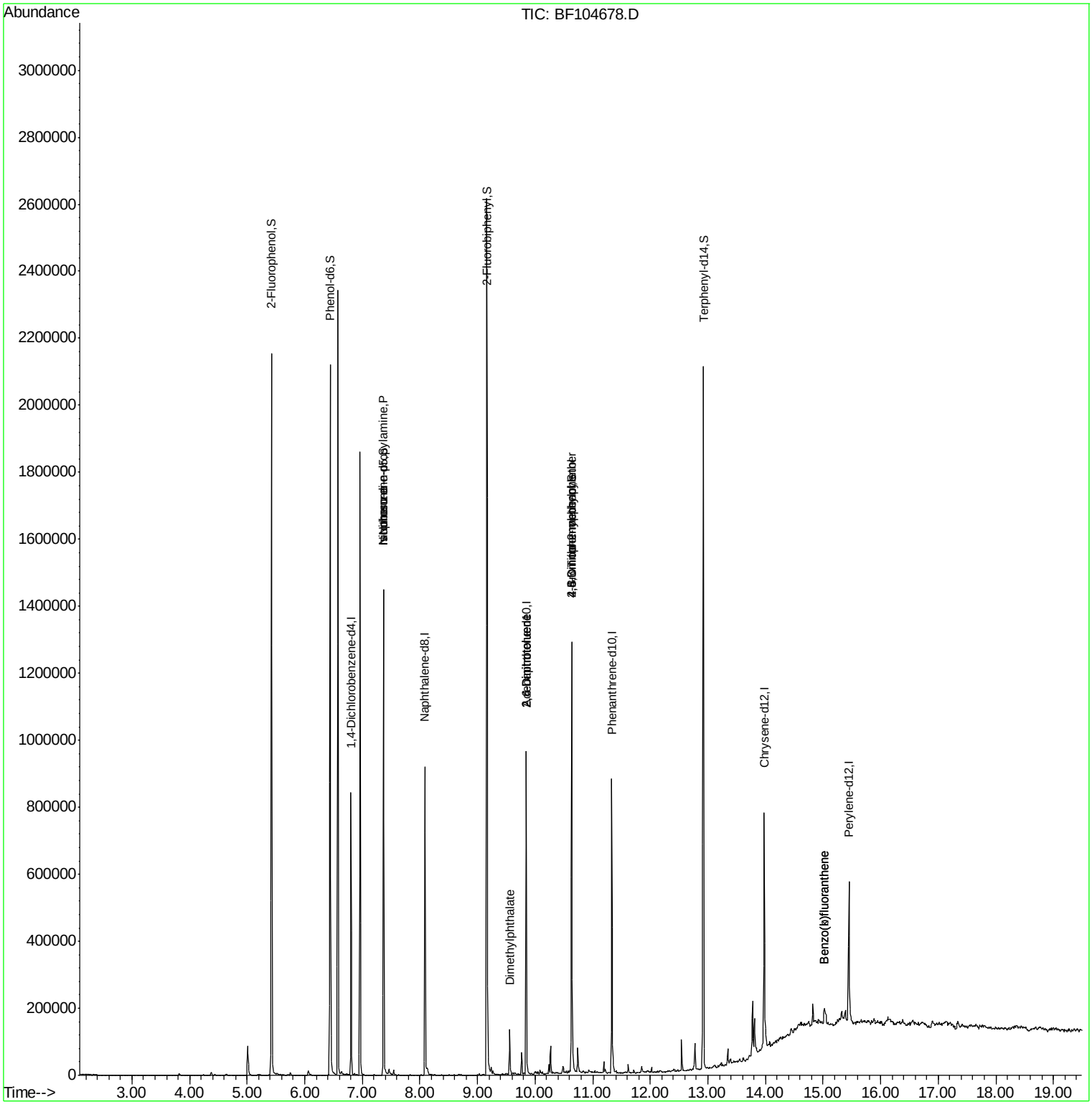
(#) = qualifier out of range (m) = manual integration (+) = signals summed

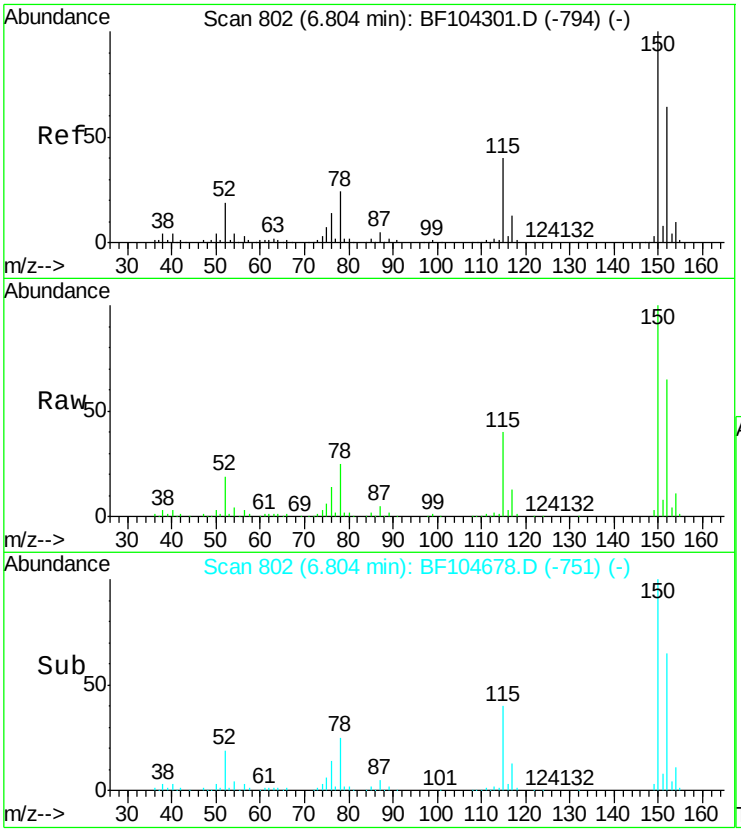
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104678.D
Acq On : 20 Apr 2018 17:00
Operator : JU/SJ
Sample : J2475-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Quant Time: Apr 21 04:12:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration



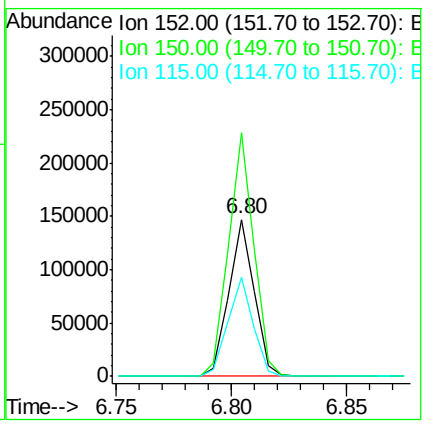


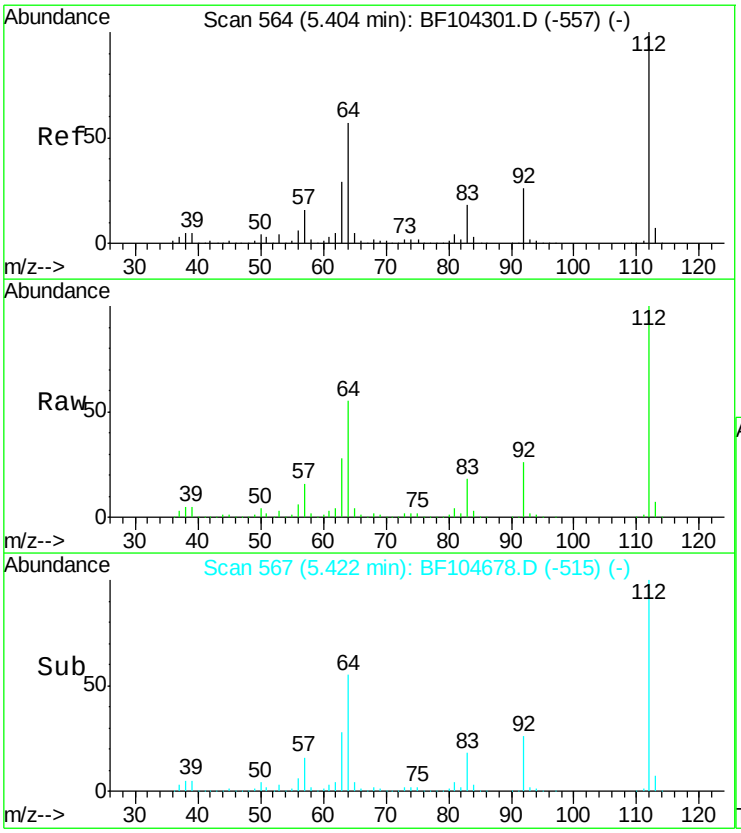
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion:152 Resp: 112338

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	62.7	50.1	75.1

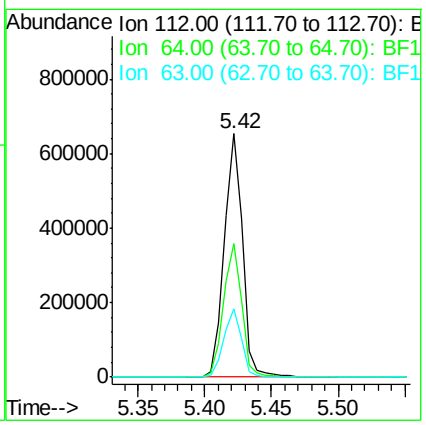


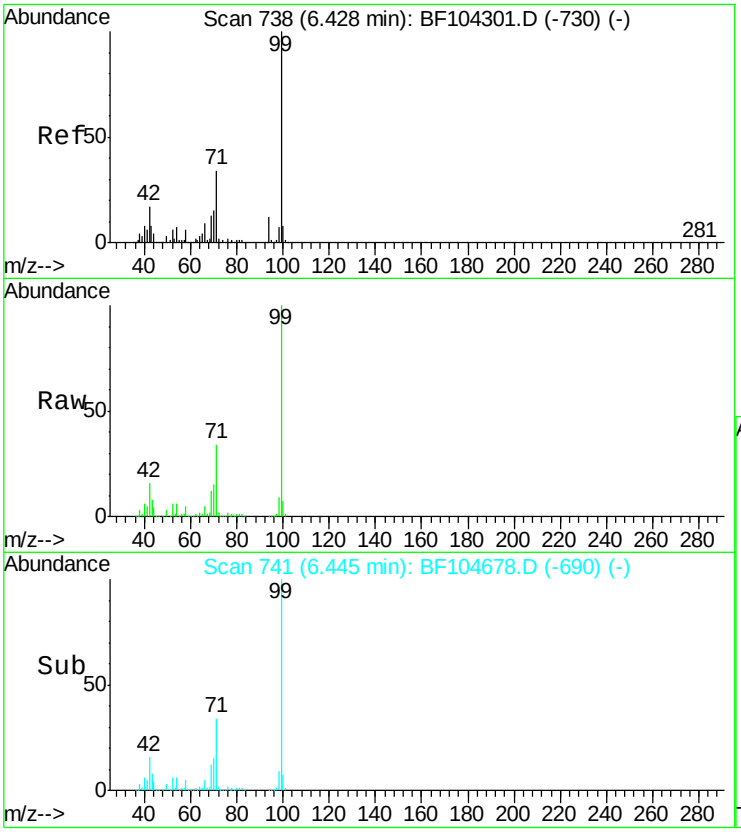


#5
2-Fluorophenol
Concen: 86.756 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion:112 Resp: 637384

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	28.1	23.7	35.5



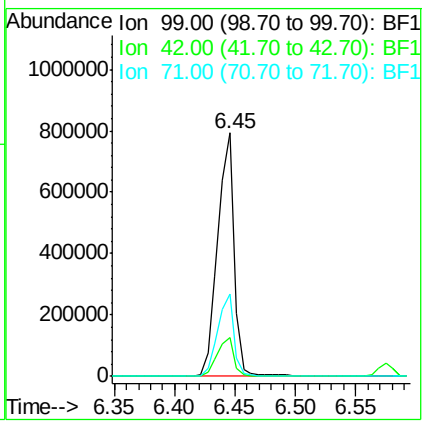


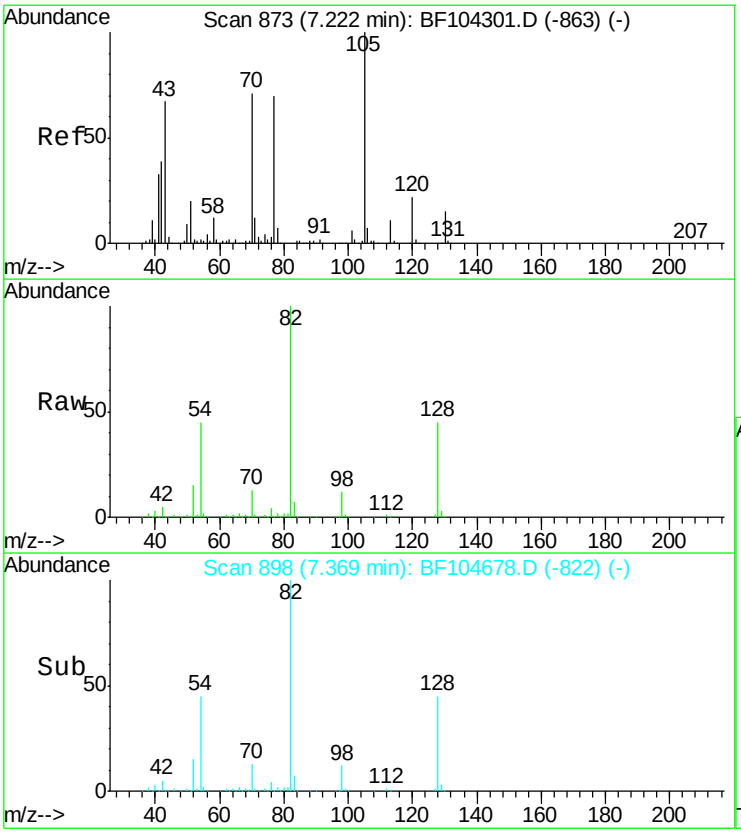
#7
Phenol-d6
Concen: 82.842 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion: 99 Resp: 747813

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.7	25.4	38.0

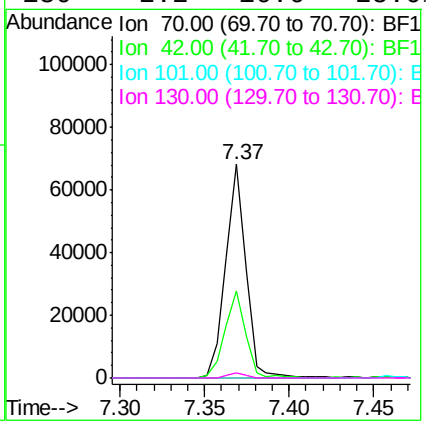


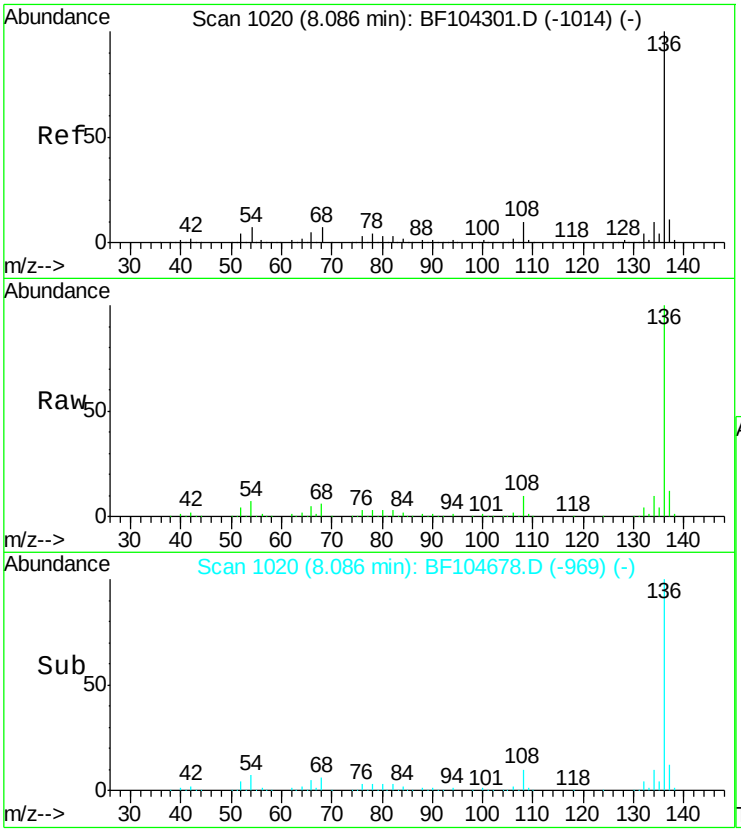


#19
n-Nitroso-di-n-propylamine
Concen: 9.649 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion: 70 Resp: 56915

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



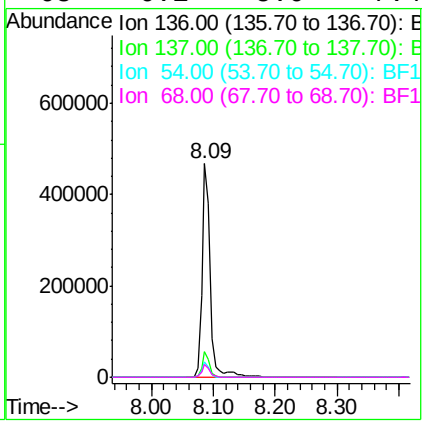


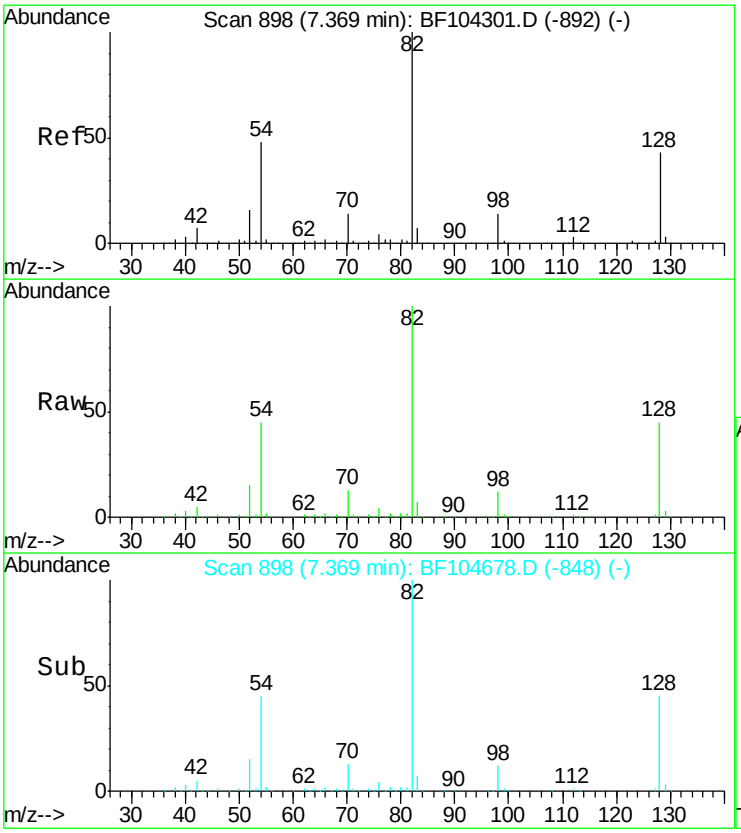
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion:136 Resp: 440318

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	7.2	6.6	9.8
68	6.1	5.0	7.4

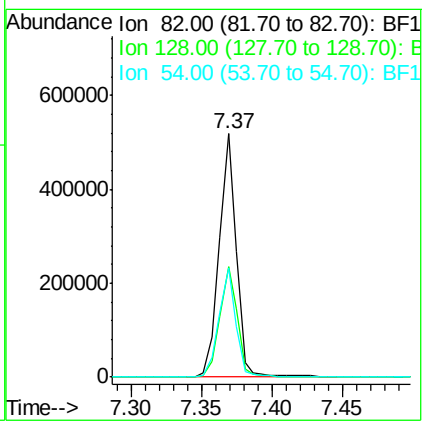


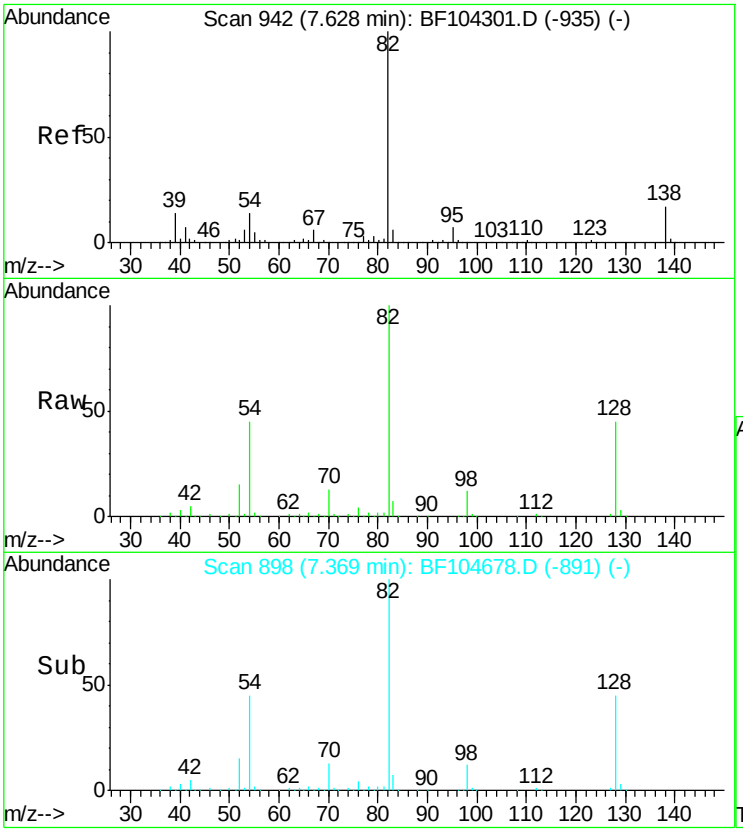


#23
Nitrobenzene-d5
Concen: 65.433 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion: 82 Resp: 441225

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	44.7	41.4	62.2



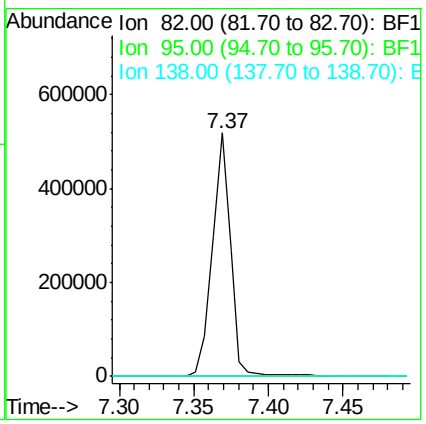


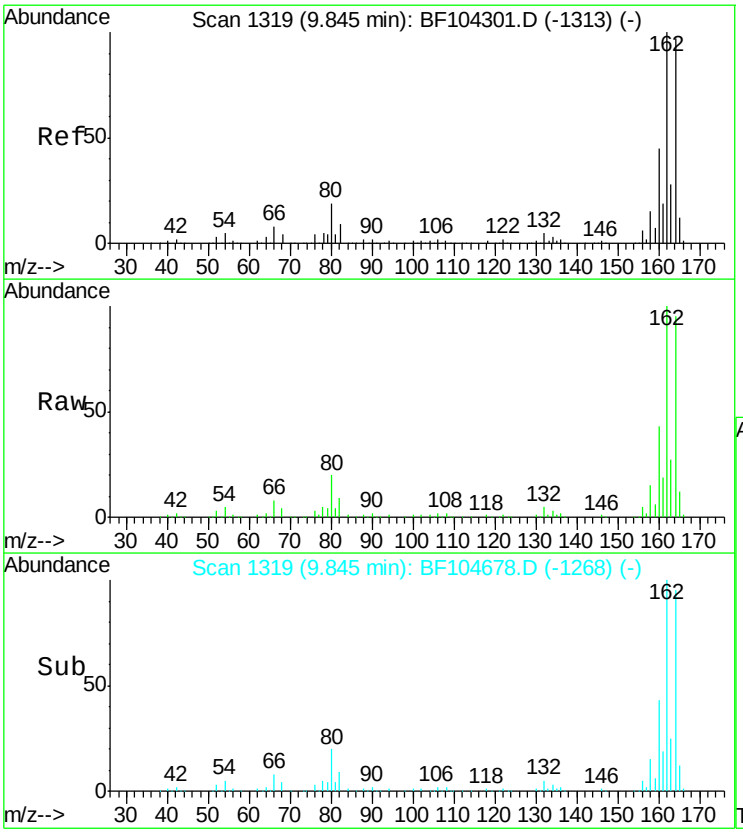
#25
Isophorone
Concen: 30.942 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion: 82 Resp: 441221

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

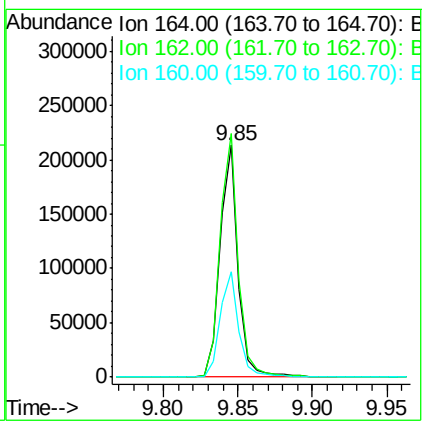


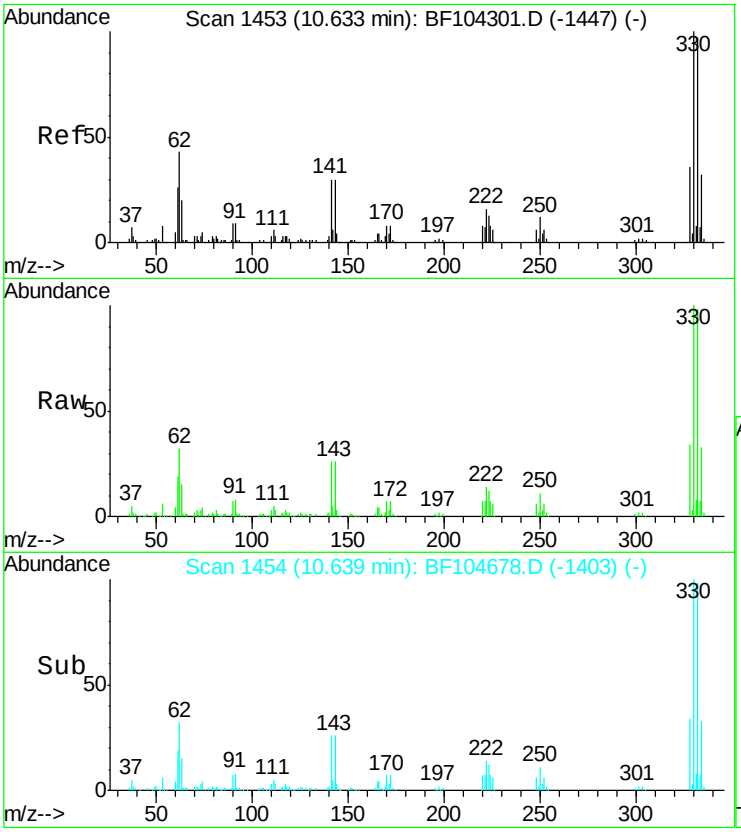


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion:164 Resp: 182389

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.7	38.3	57.5



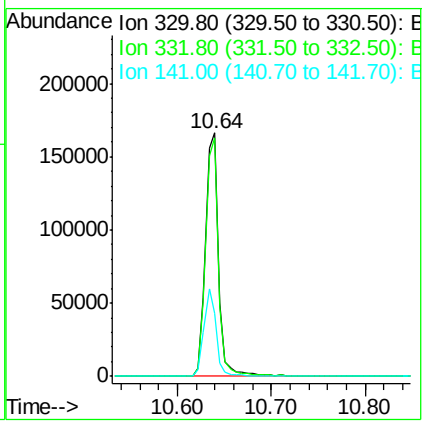


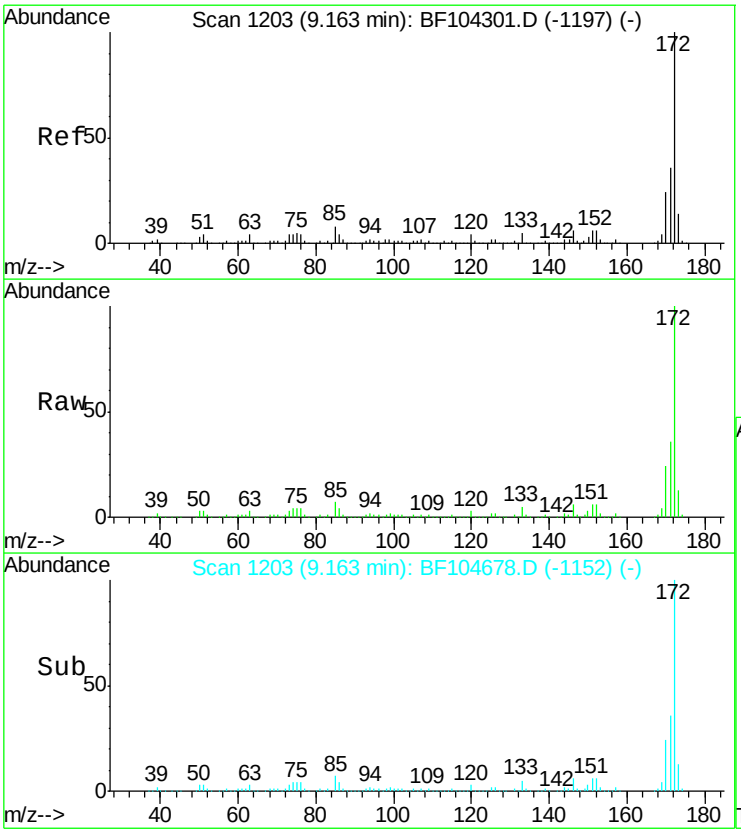
#41
2,4,6-Tribromophenol
Concen: 86.672 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion:330 Resp: 163980

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.5	29.9	44.9

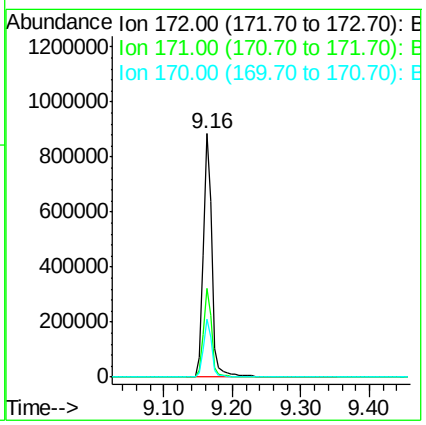


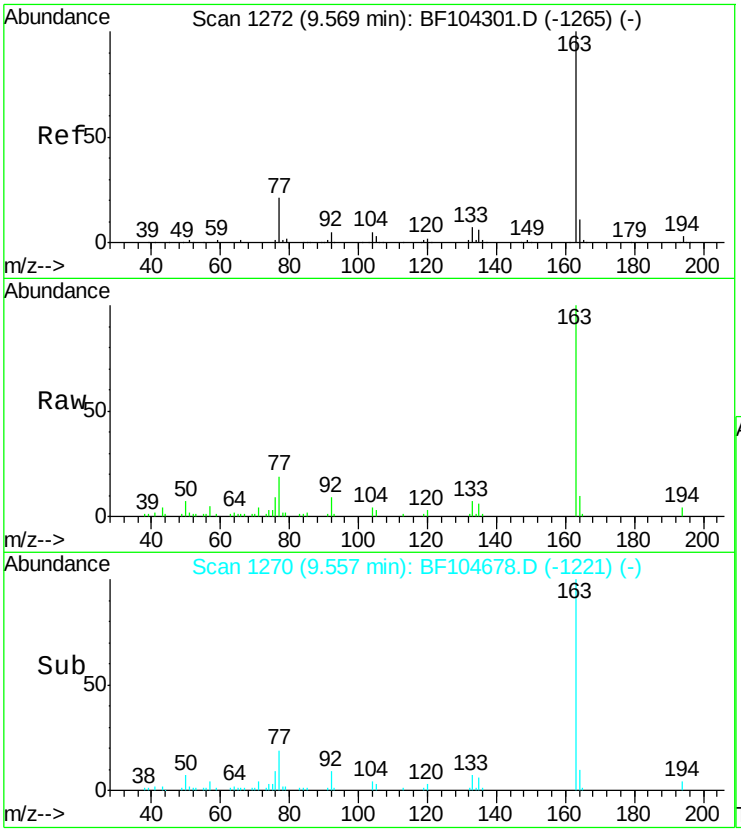


#44
2-Fluorobiphenyl
Concen: 70.019 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion:172 Resp: 808402

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4



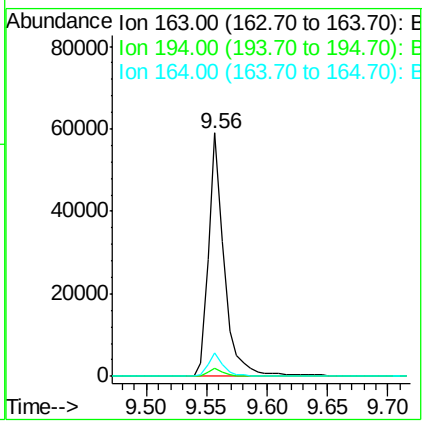


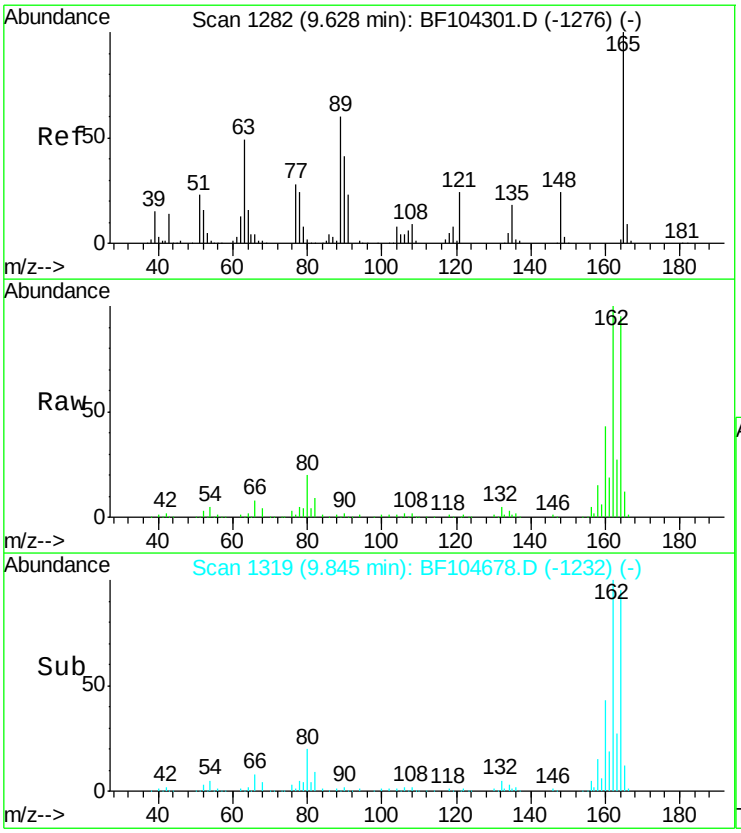
#49
Dimethylphthalate
Concen: 3.678 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion:163 Resp: 52904

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2

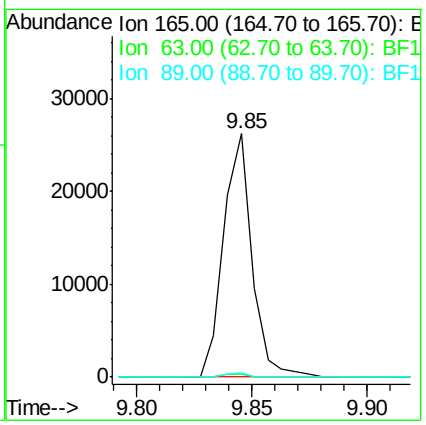


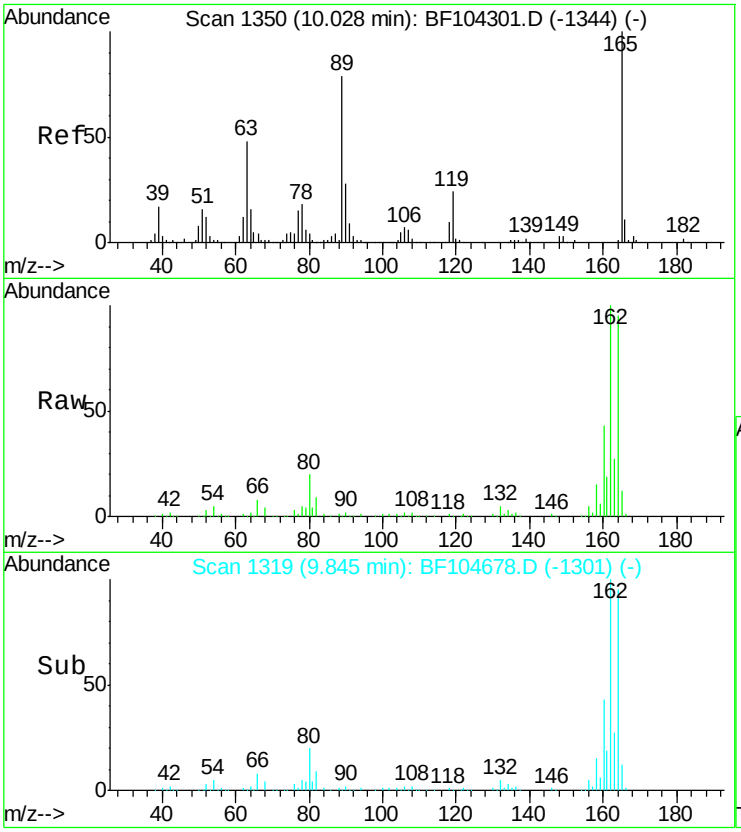


#50
2,6-Dinitrotoluene
Concen: 8.426 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion:165 Resp: 22425

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.8	44.0	66.0#



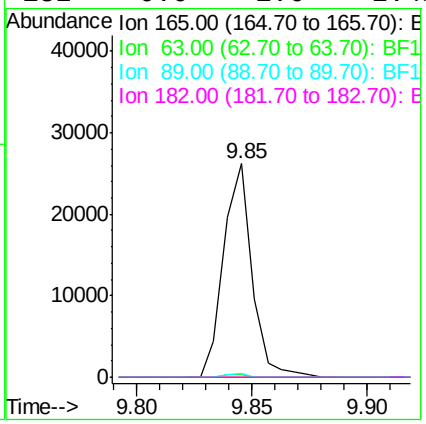


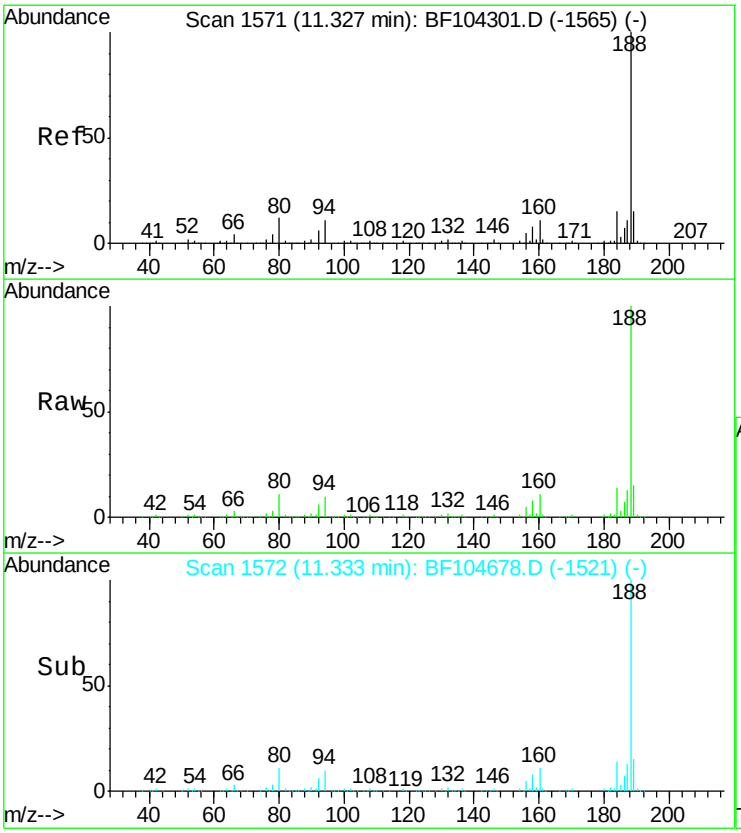
#56
2,4-Dinitrotoluene
Concen: 6.424 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion:165 Resp: 22425

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

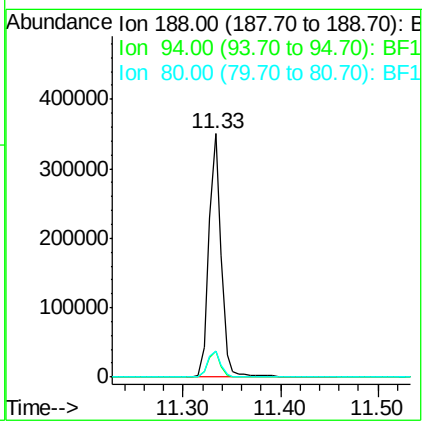


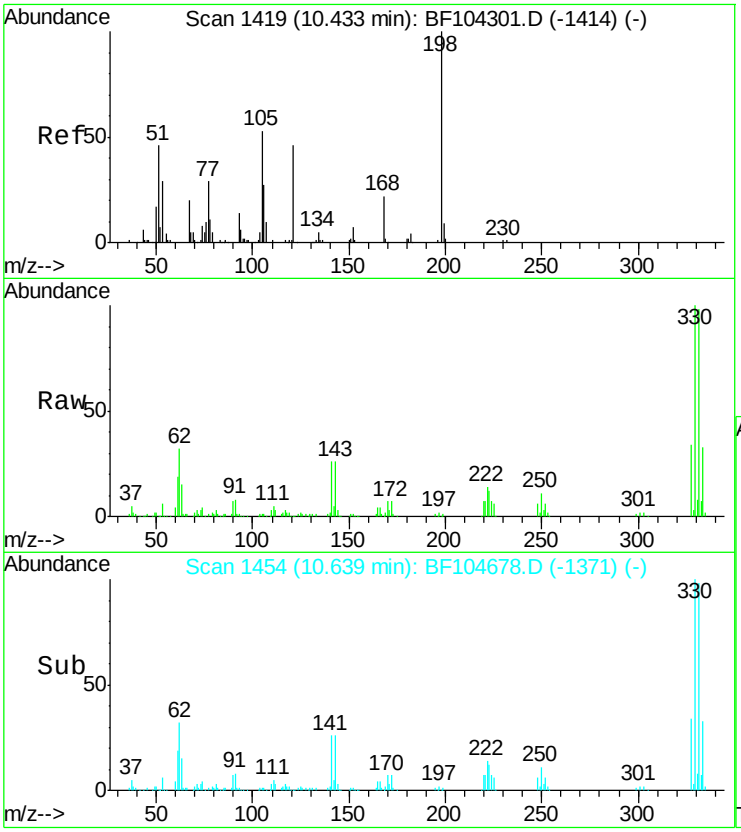


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion:188 Resp: 305356

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8



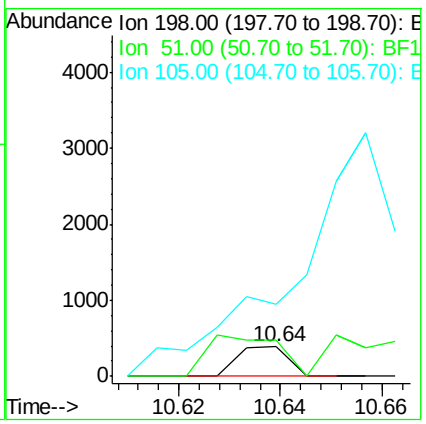


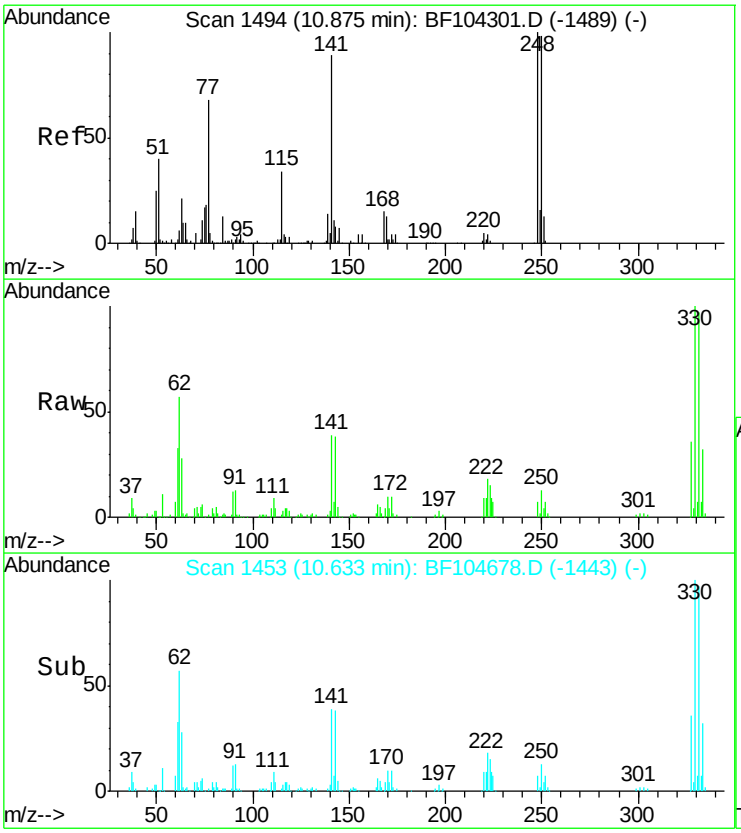
#64
4,6-Dinitro-2-methylphenol
Concen: 7.501 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion:198 Resp: 270

Ion	Ratio	Lower	Upper
198	100		
51	125.0	37.7	77.7#
105	242.5	36.3	76.3#

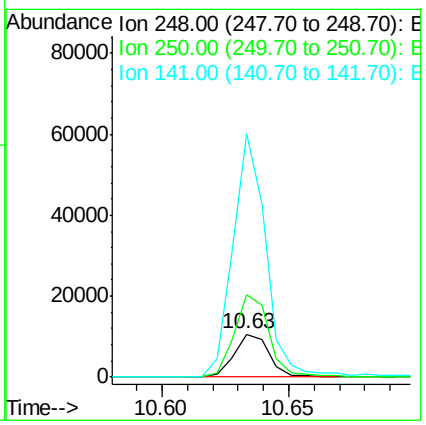


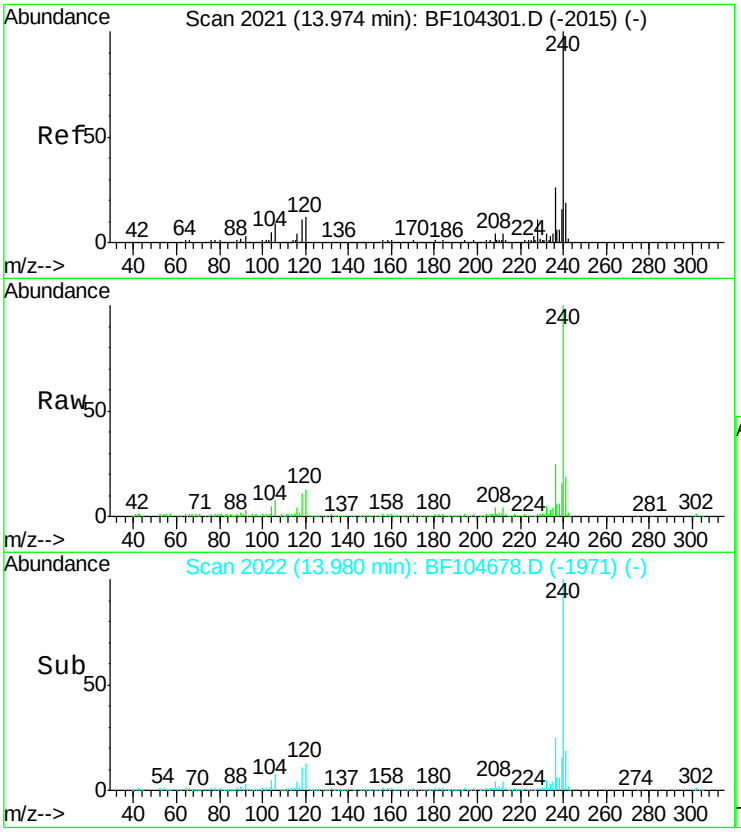


#66
4-Bromophenyl-phenylether
Concen: 3.090 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion:248 Resp: 10037

Ion	Ratio	Lower	Upper
248	100		
250	192.2	76.9	115.3#
141	570.7	74.4	111.6#



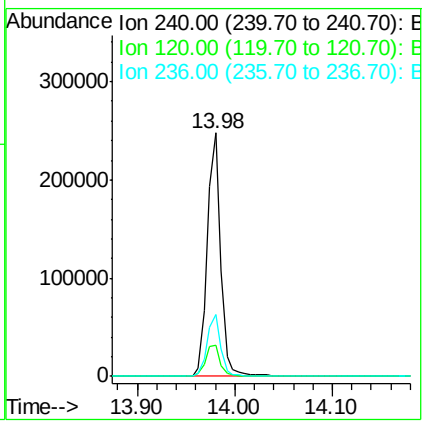


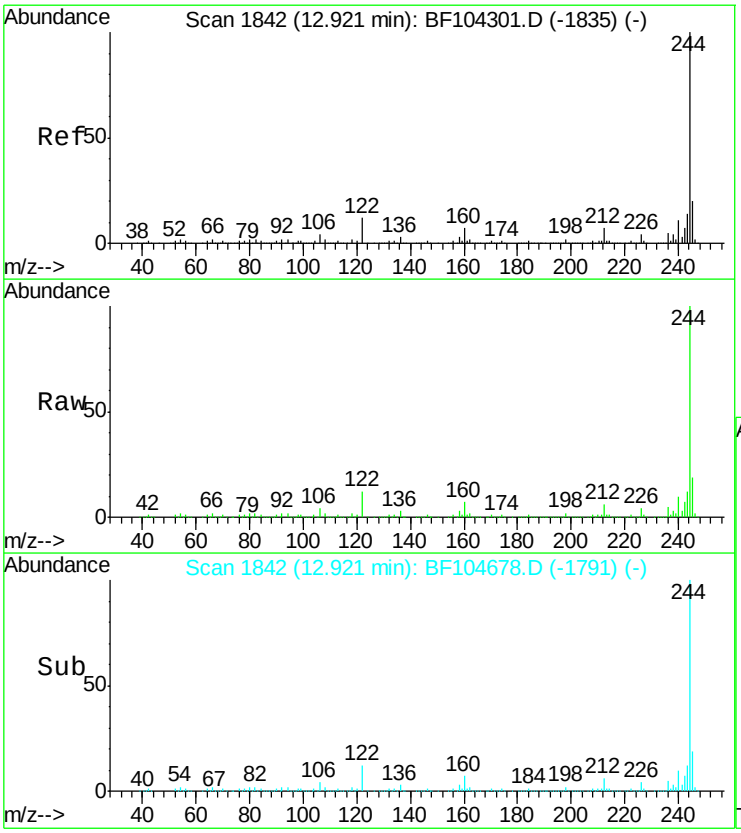
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion:240 Resp: 237275

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.4	20.7	31.1

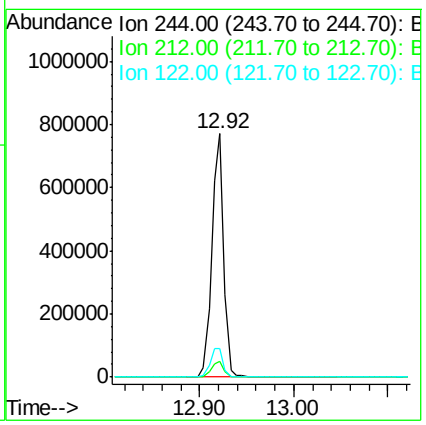


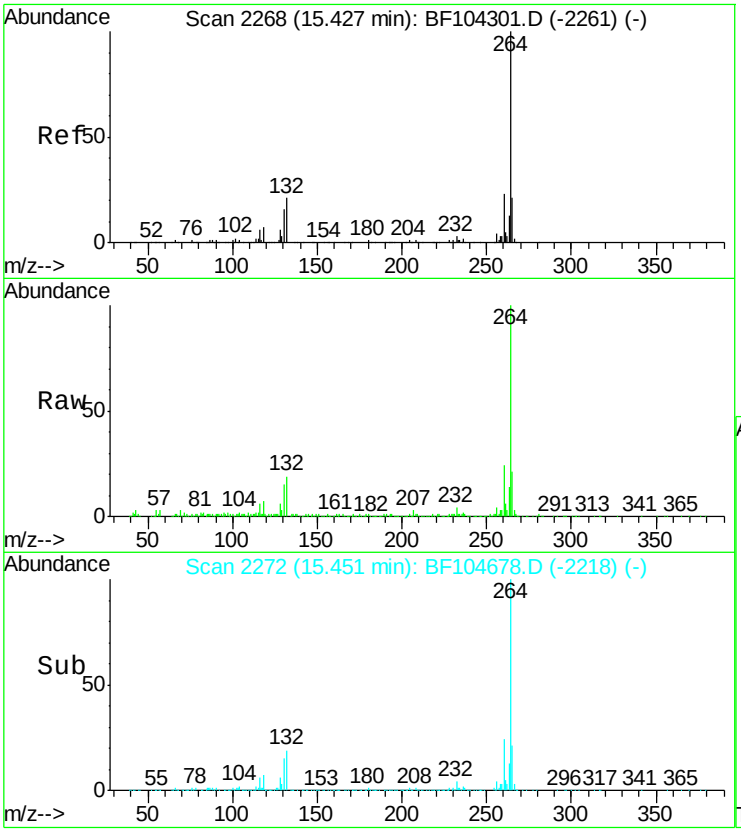


#78
Terphenyl-d14
Concen: 66.185 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion:244 Resp: 688827

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.8	11.0	16.4



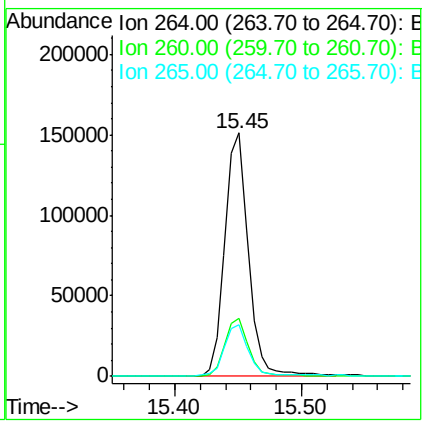


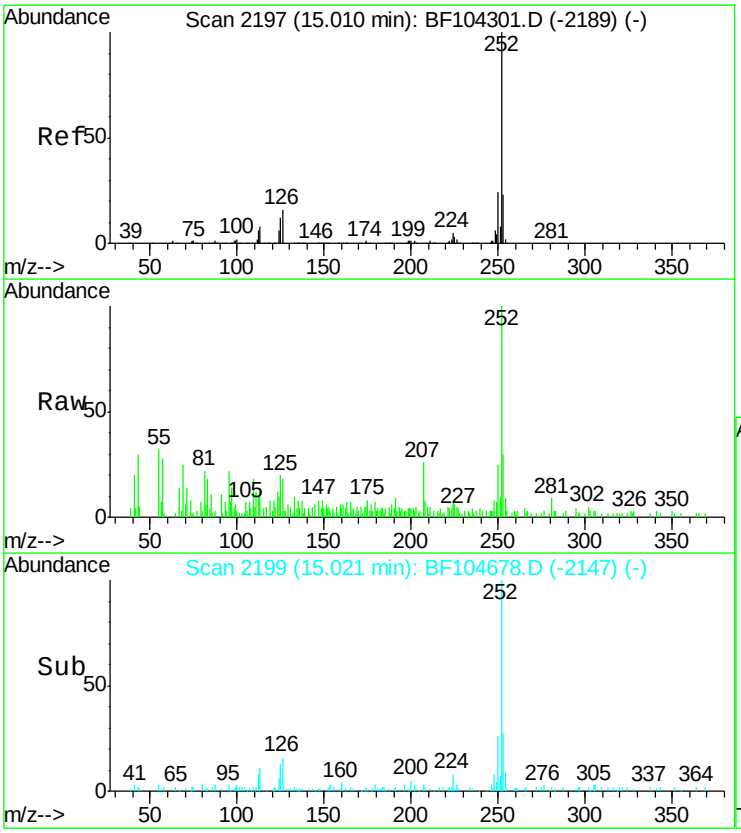
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion:264 Resp: 195474

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3

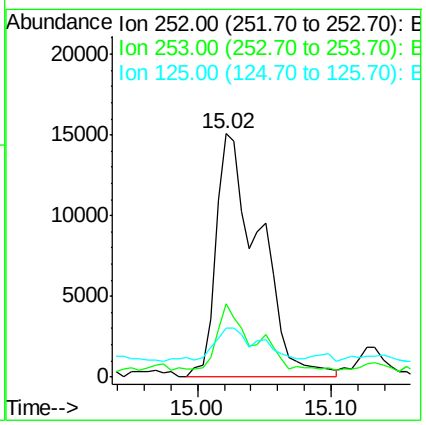


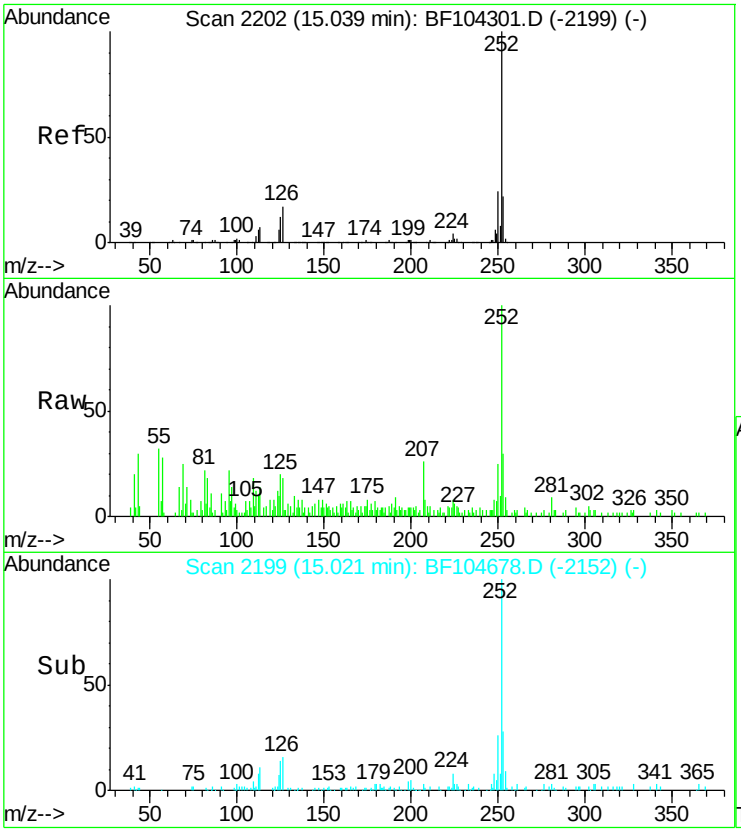


#87
Benzo(b)fluoranthene
Concen: 2.756 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Tgt Ion:252 Resp: 34031

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.0	25.6#
125	20.4	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.920 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF104678.D
Acq: 20 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-03-02

Tgt Ion:252 Resp: 34031

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.9	26.9#
125	20.4	10.2	15.2#