Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104798.D
Acq On : 25 Apr 2018 19:27
Operator : JU/SJ
Sample : J2155-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 08:16:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	113206	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	462192	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	202876	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	307879	20.00	ng	0.00
75) Chrysene-d12	13.98	240	214506	20.00	ng	0.00
86) Perylene-d12	15.45	264	159509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	609375	82.31	ng	0.00
7) Phenol-d6	6.45	99	748078	82.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	459306	64.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	158631	75.38	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	869791	67.73	ng	0.00
78) Terphenyl-d14	12.92	244	607408	64.56	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	58483	9.838	ng	# 71
25) Isophorone	7.37	82	459300	30.686	ng	# 64
49) Dimethylphthalate	9.56	163	100433	6.278	ng	98
56) 2,4-Dinitrotoluene	9.84	165	25583	6.588	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	154	7.434	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	9996	3.052	ng	# 1
76) Benzidine	12.92	184	8354	Below Cal		96
87) Benzo(b)fluoranthene	15.02	252	20192	2.004	ng	# 74
88) Benzo(k)fluoranthene	15.02	252	20192	2.123	ng	# 77

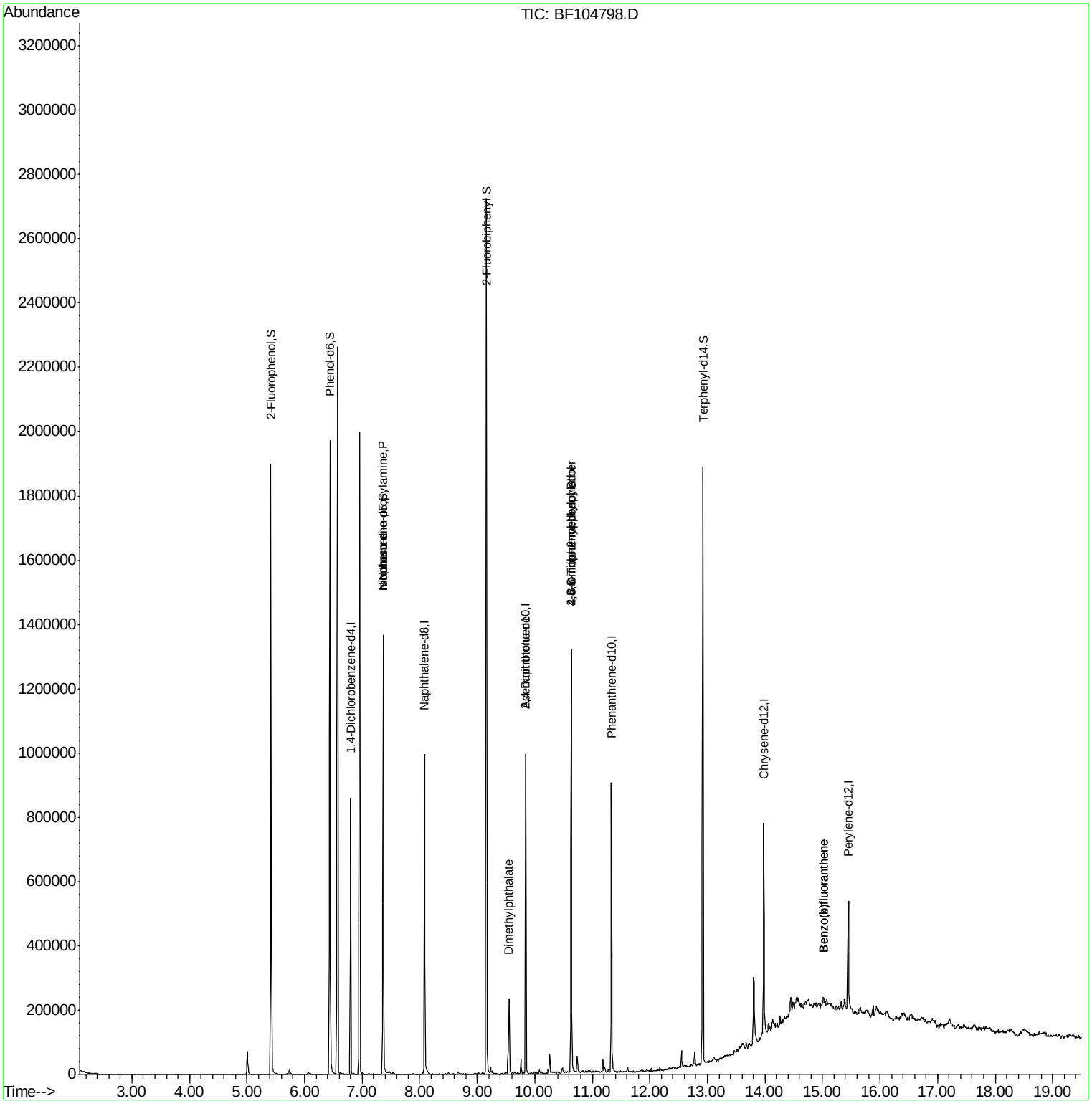
(#) = qualifier out of range (m) = manual integration (+) = signals summed

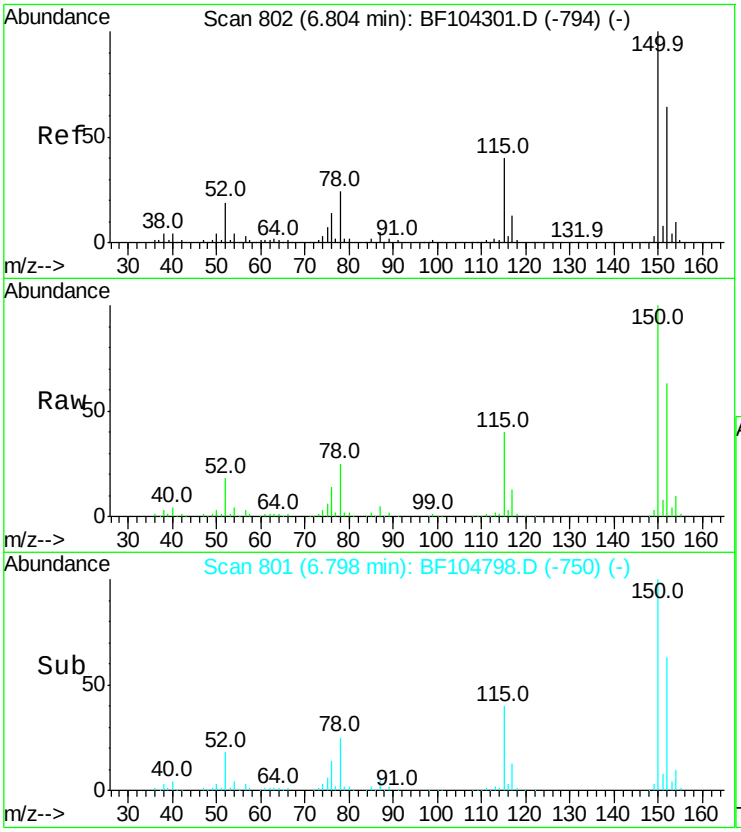
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104798.D
Acq On : 25 Apr 2018 19:27
Operator : JU/SJ
Sample : J2155-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 26 08:16:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration



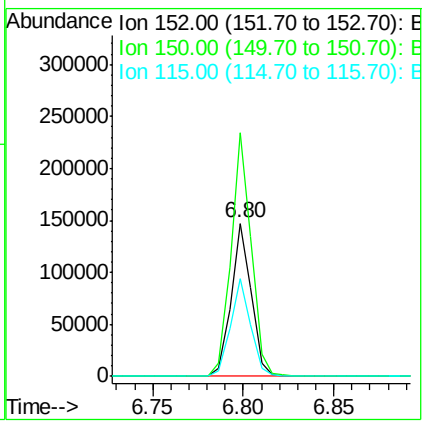


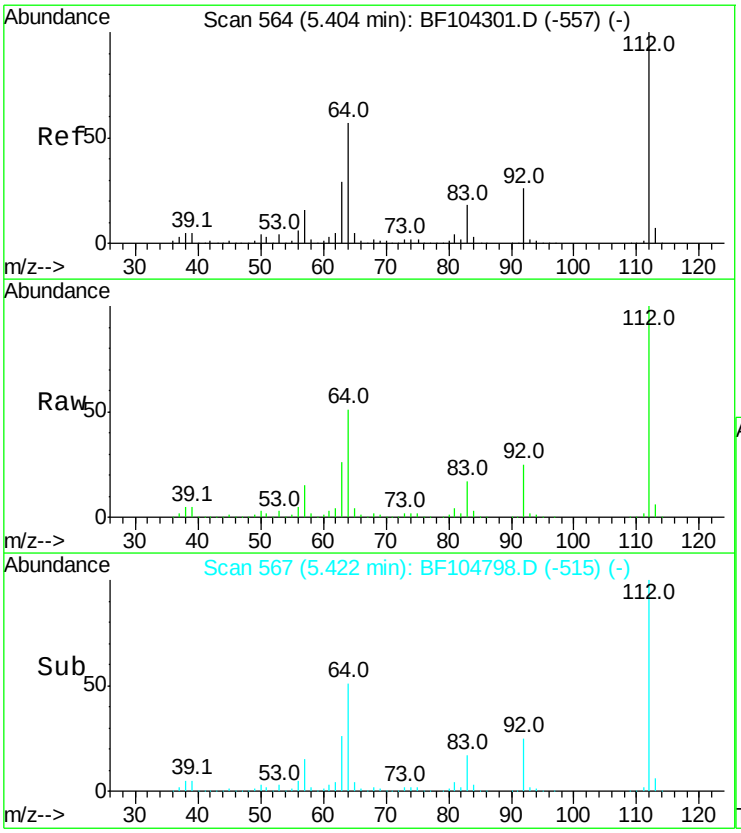
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113206

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	63.9	50.1	75.1

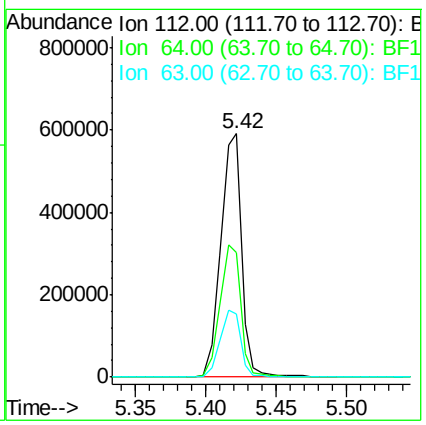


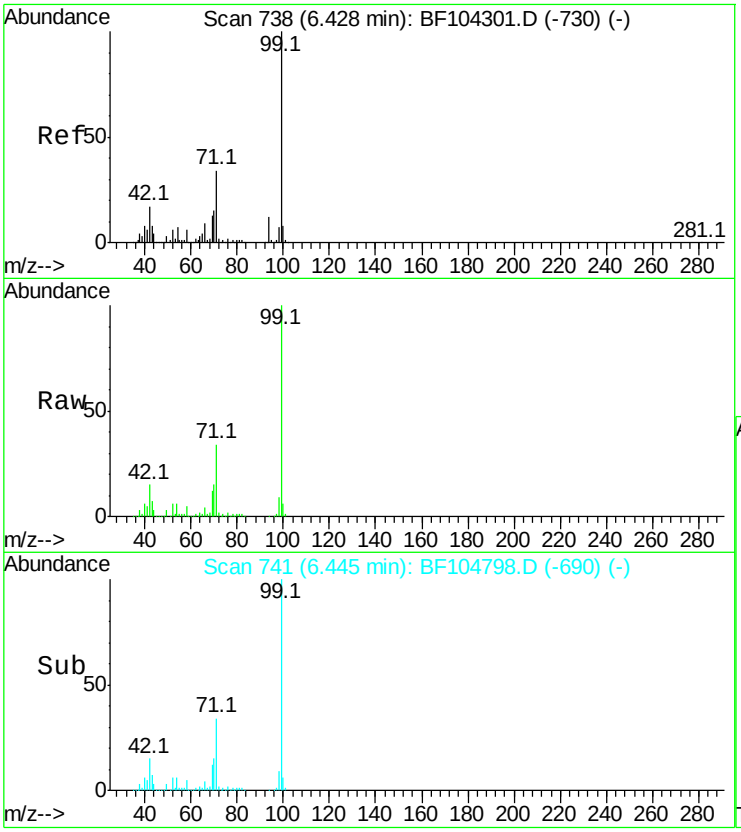


#5
2-Fluorophenol
Concen: 82.307 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion:112 Resp: 609375

Ion	Ratio	Lower	Upper
112	100		
64	51.0	47.9	71.9
63	26.0	23.7	35.5



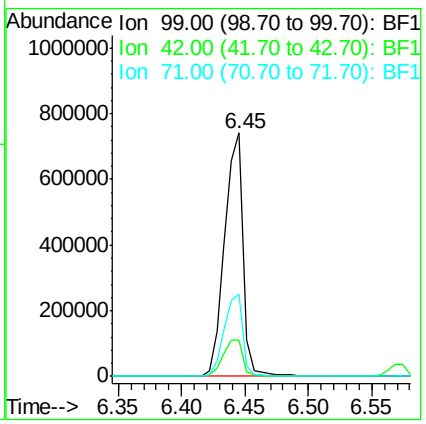


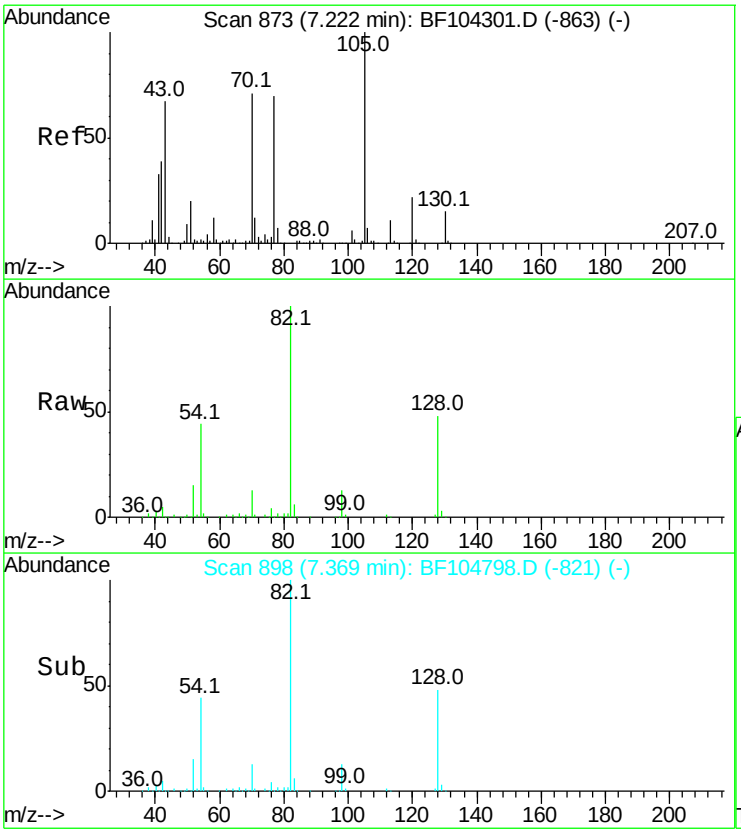
#7
Phenol-d6
Concen: 82.236 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 748078

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	33.9	25.4	38.0

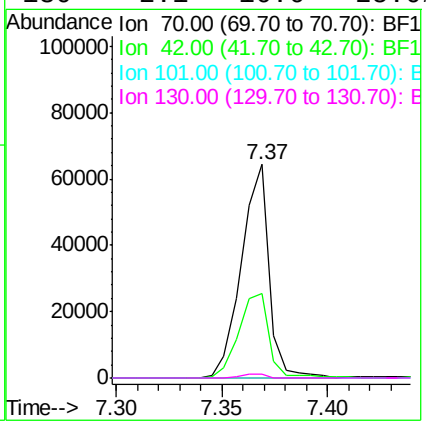


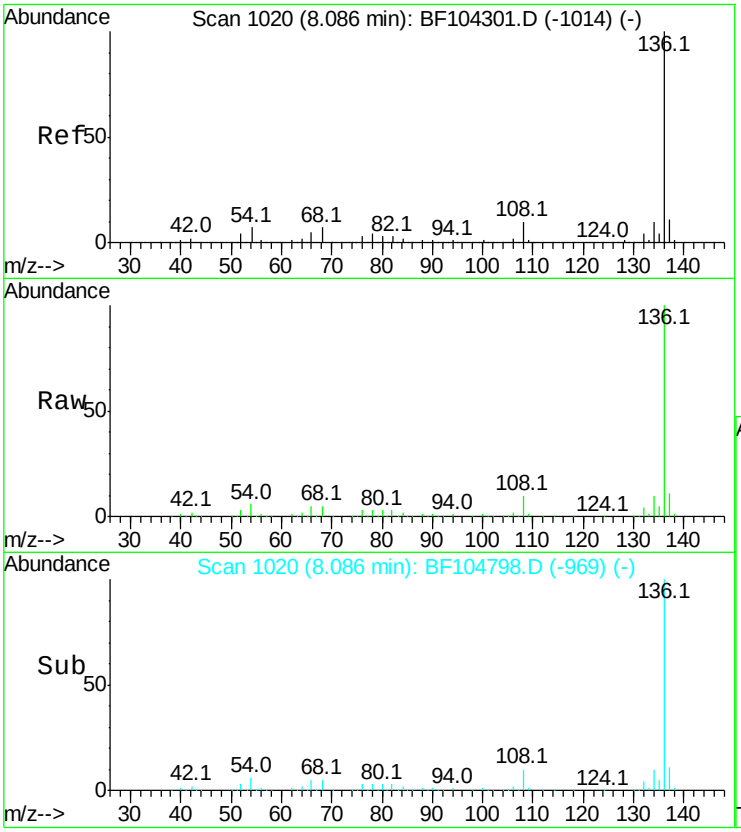


#19
n-Nitroso-di-n-propylamine
Concen: 9.838 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion: 70 Resp: 58483

Ion	Ratio	Lower	Upper
70	100		
42	39.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



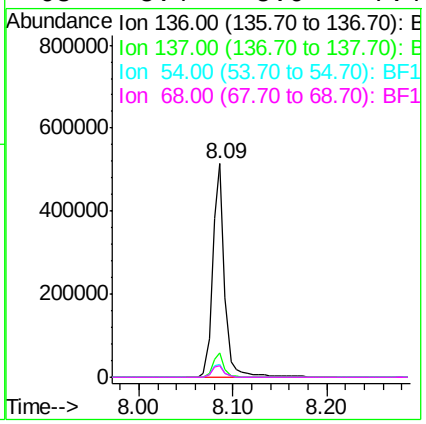


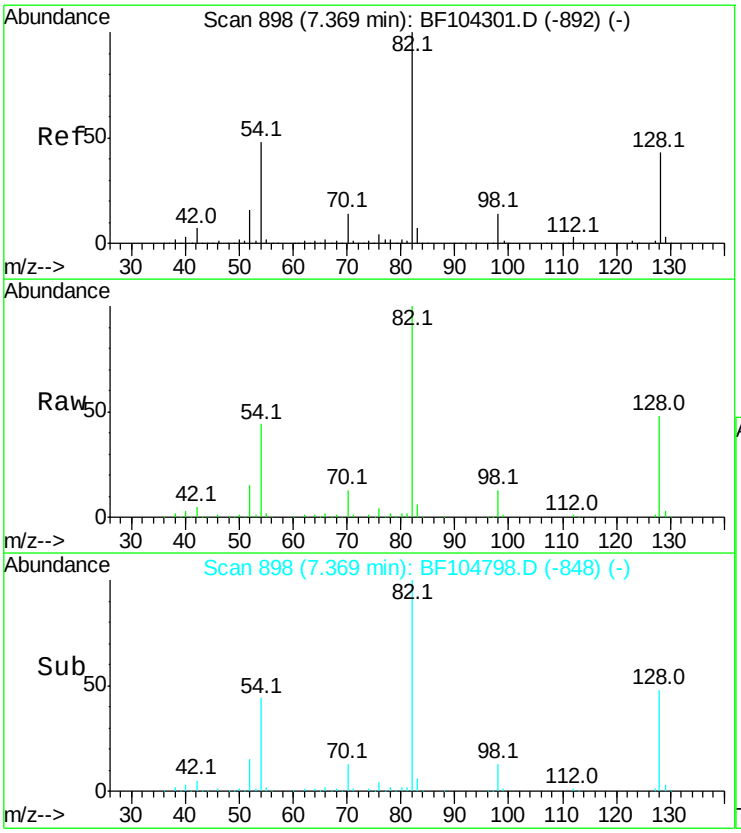
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 462192

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4

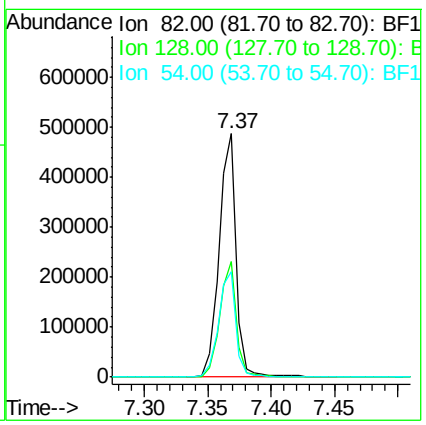


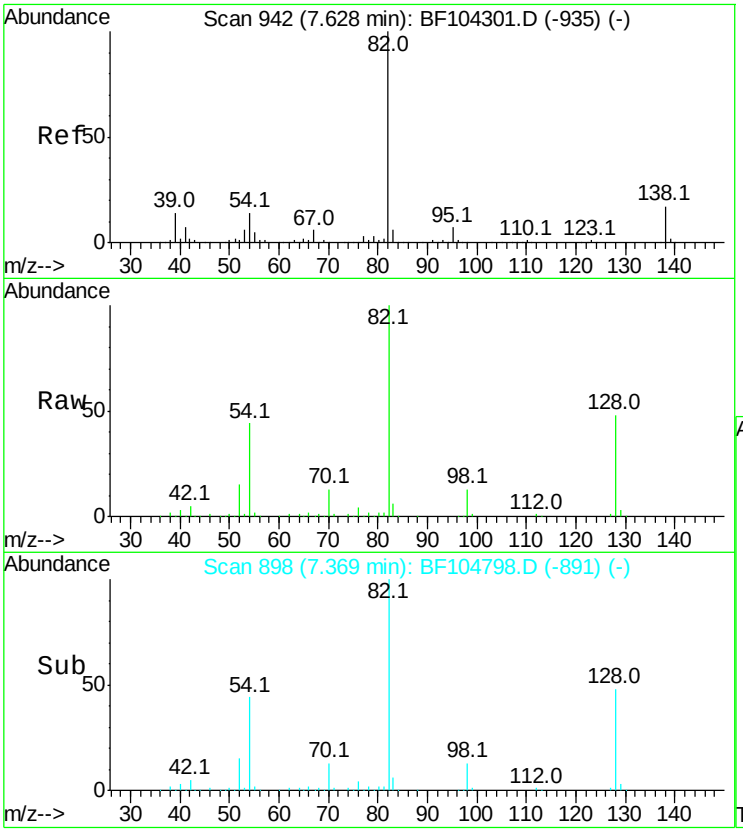


#23
Nitrobenzene-d5
Concen: 64.890 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion: 82 Resp: 459306

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	43.5	41.4	62.2



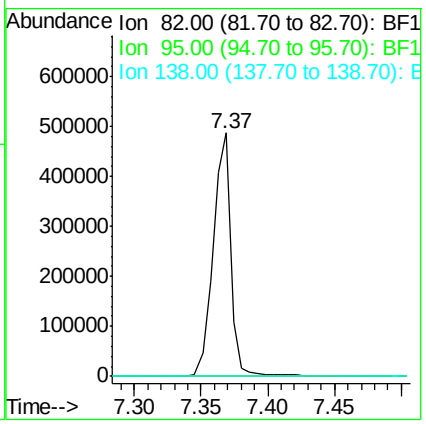


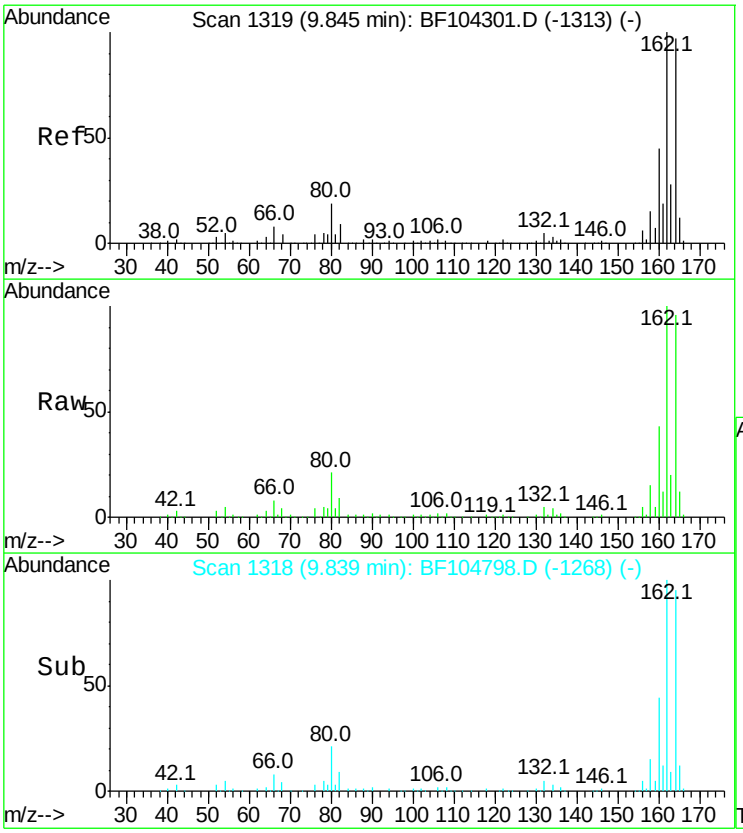
#25
Isophorone
Concen: 30.686 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 459300

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

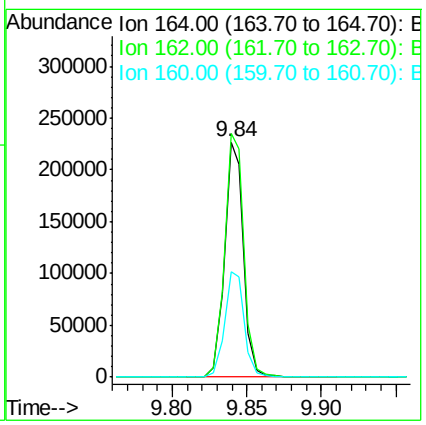


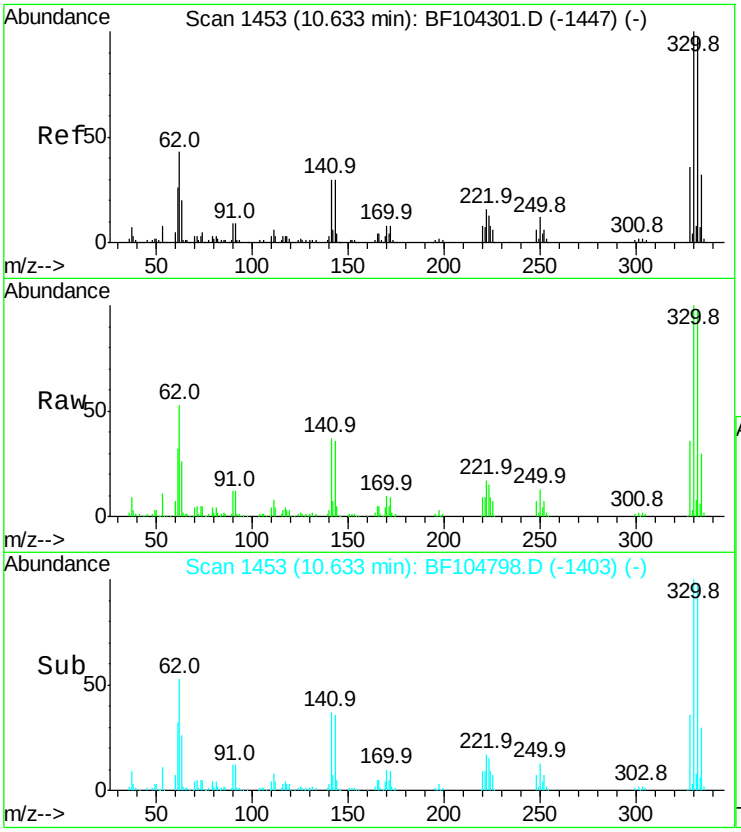


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion:164 Resp: 202876

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.1	38.3	57.5



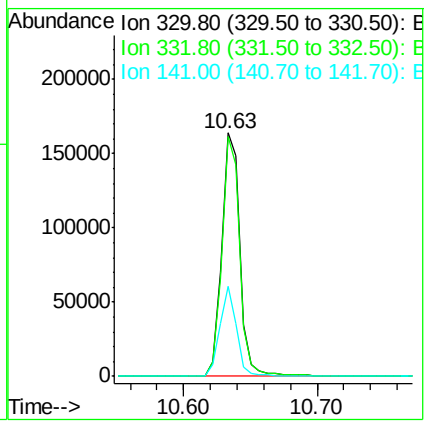


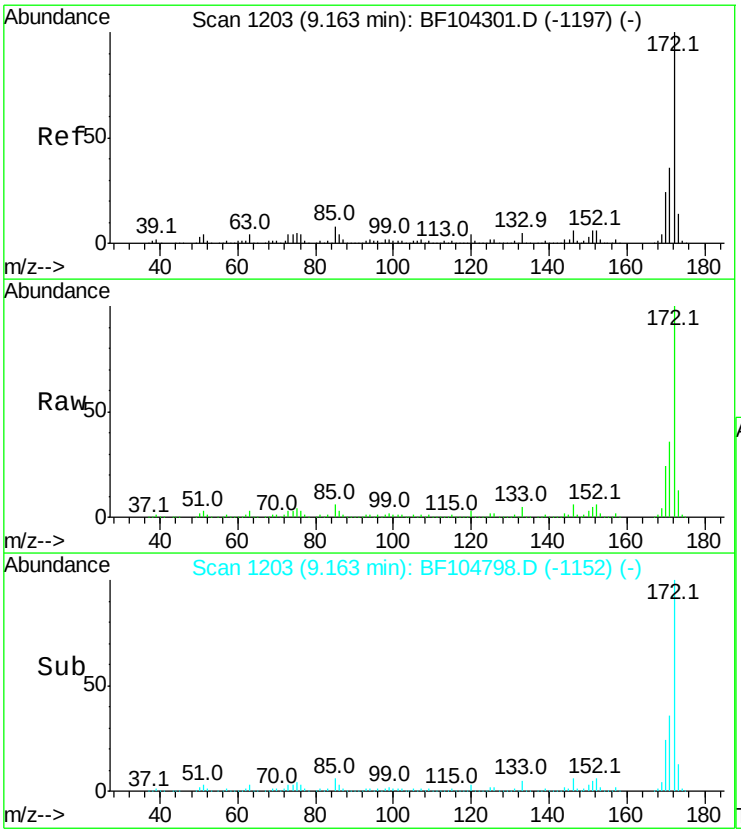
#41
2,4,6-Tribromophenol
Concen: 75.377 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 158631

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.4	29.9	44.9

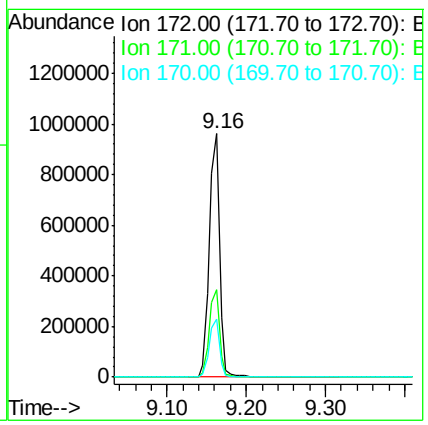


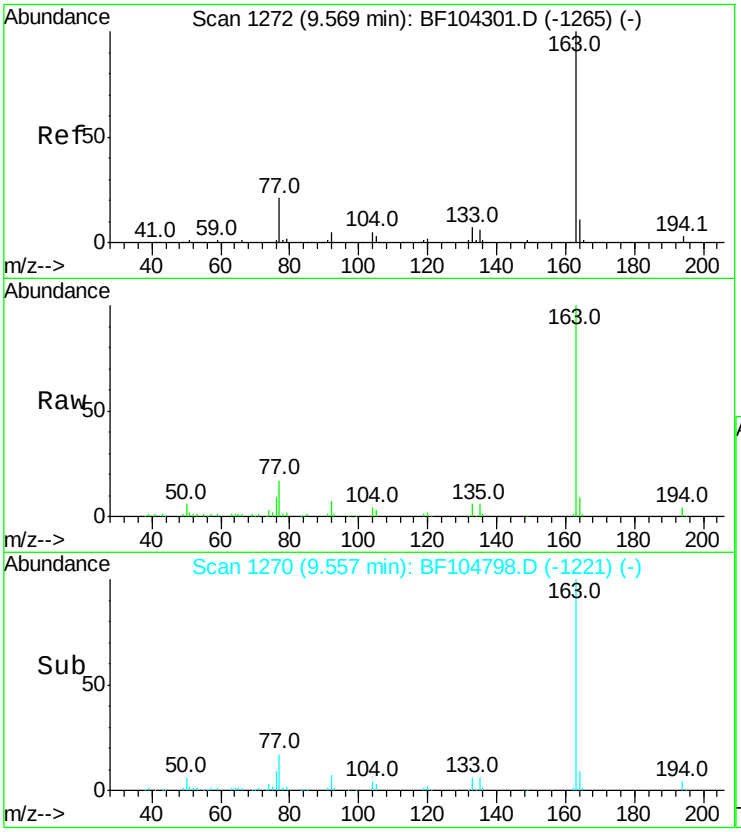


#44
2-Fluorobiphenyl
Concen: 67.729 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion:172 Resp: 869791

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



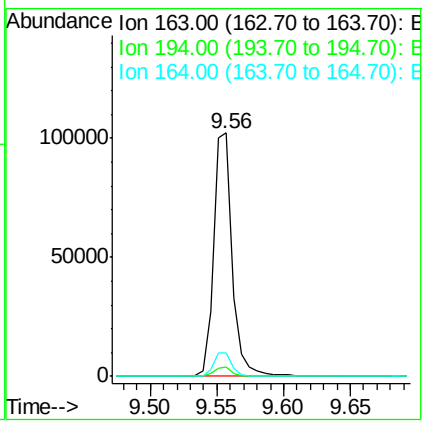


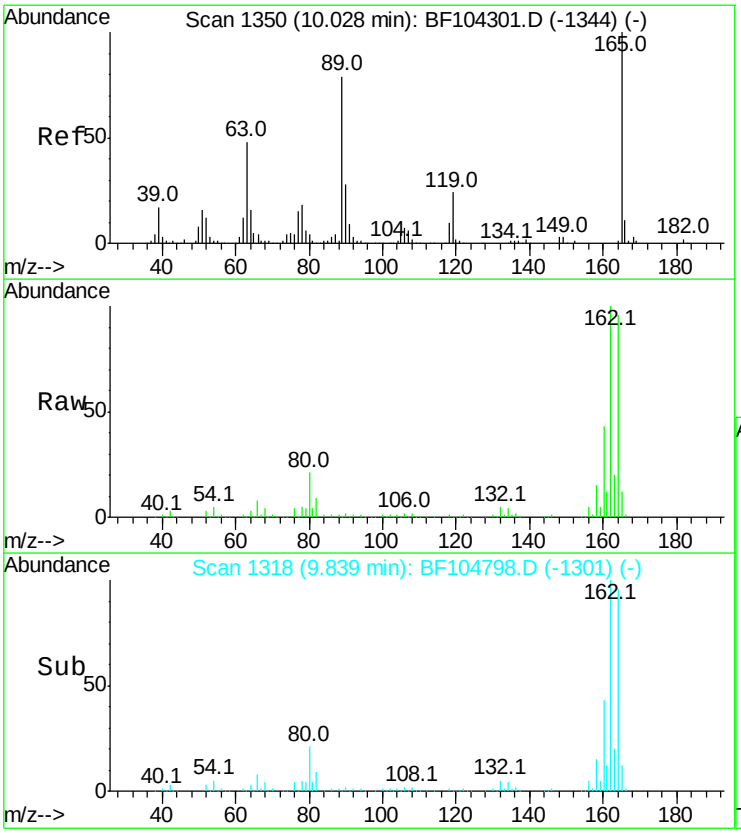
#49
Dimethylphthalate
Concen: 6.278 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 100433

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.5	8.2	12.2

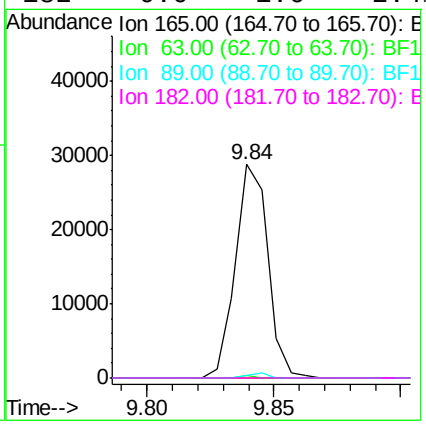


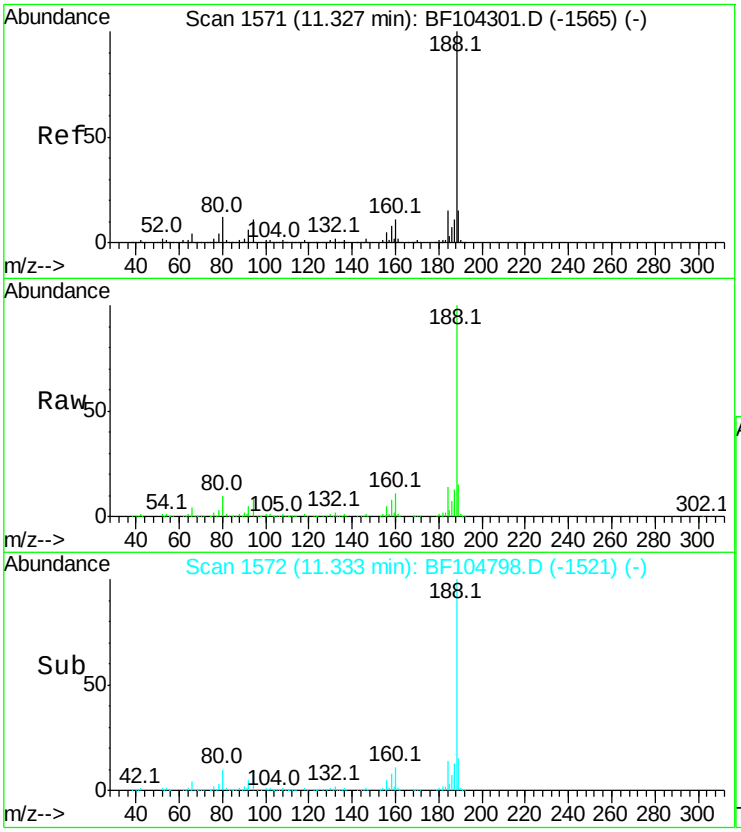


#56
2,4-Dinitrotoluene
Concen: 6.588 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion:165 Resp: 25583

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



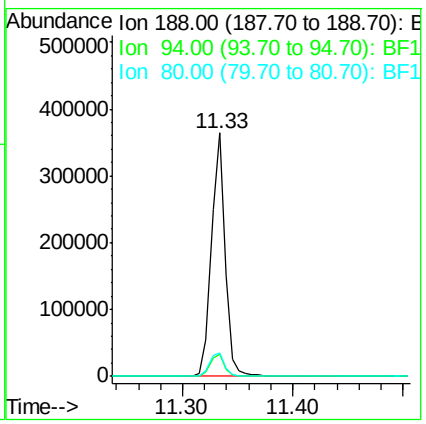


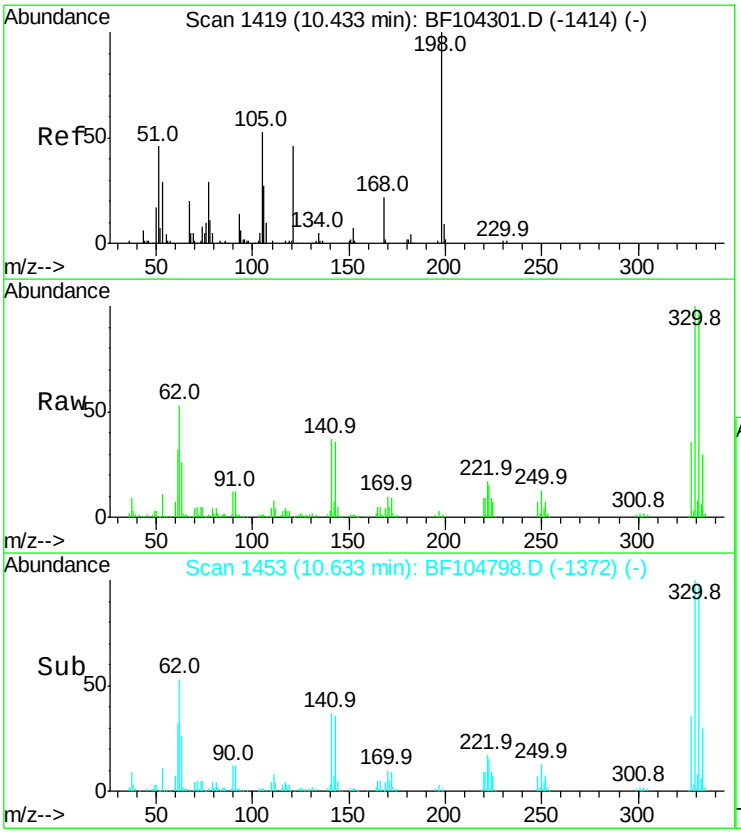
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 307879

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.6	9.2	13.8

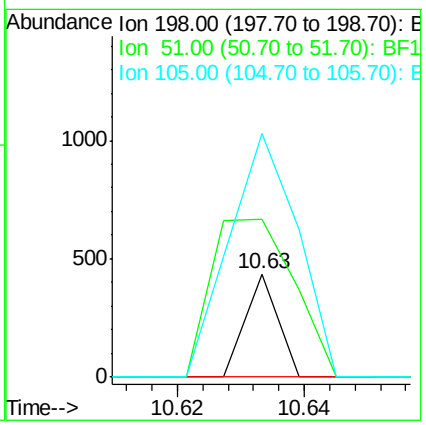


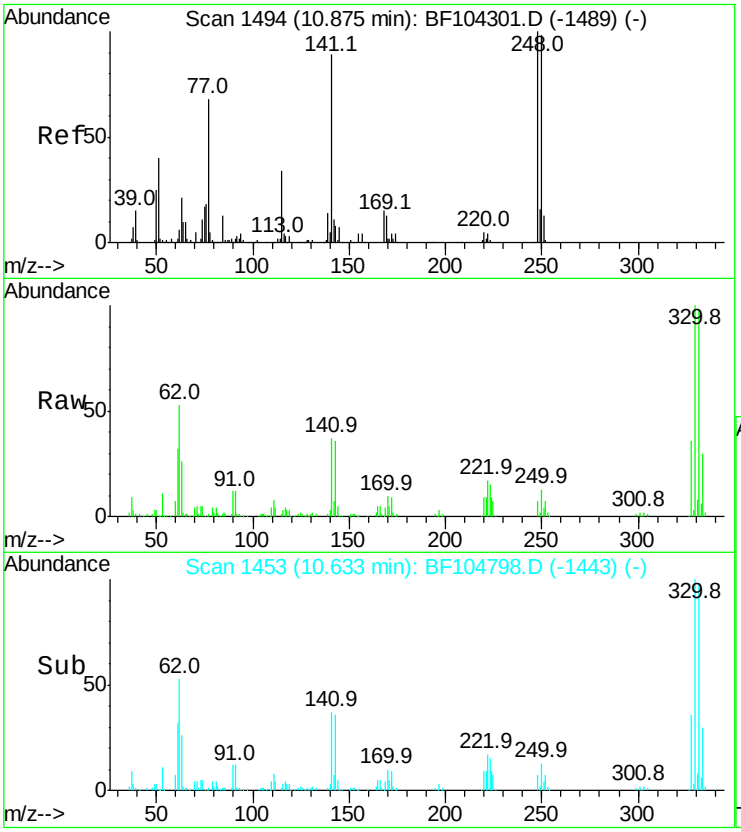


#64
4,6-Dinitro-2-methylphenol
Concen: 7.434 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion:198 Resp: 154

Ion	Ratio	Lower	Upper
198	100		
51	152.6	37.7	77.7#
105	235.5	36.3	76.3#



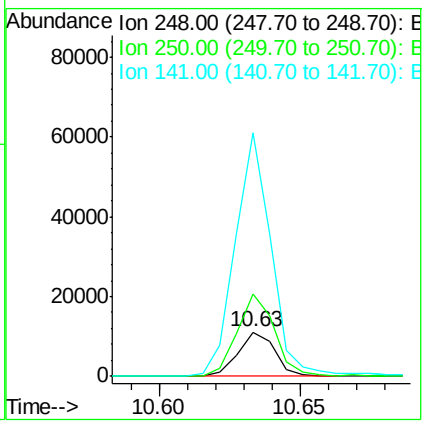


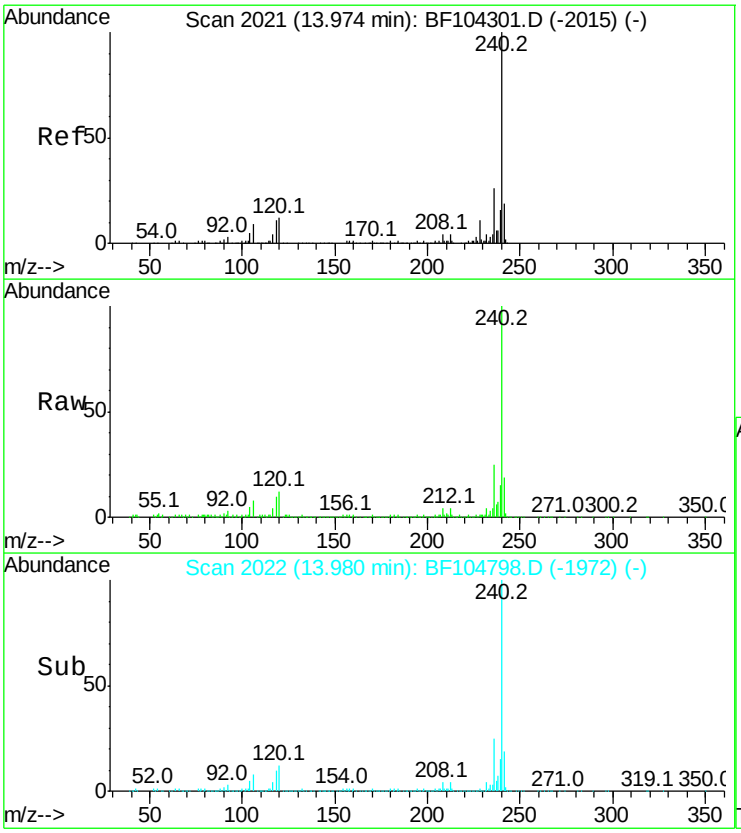
#66
4-Bromophenyl-phenylether
Concen: 3.052 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9996

Ion	Ratio	Lower	Upper
248	100		
250	185.5	76.9	115.3#
141	552.0	74.4	111.6#

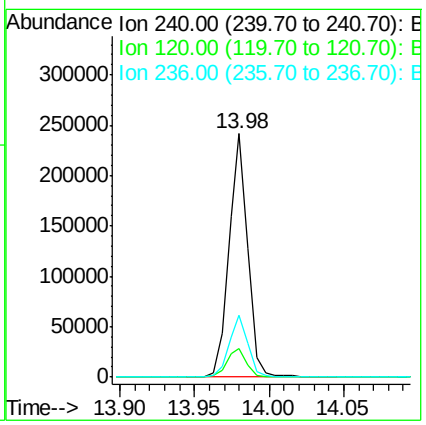


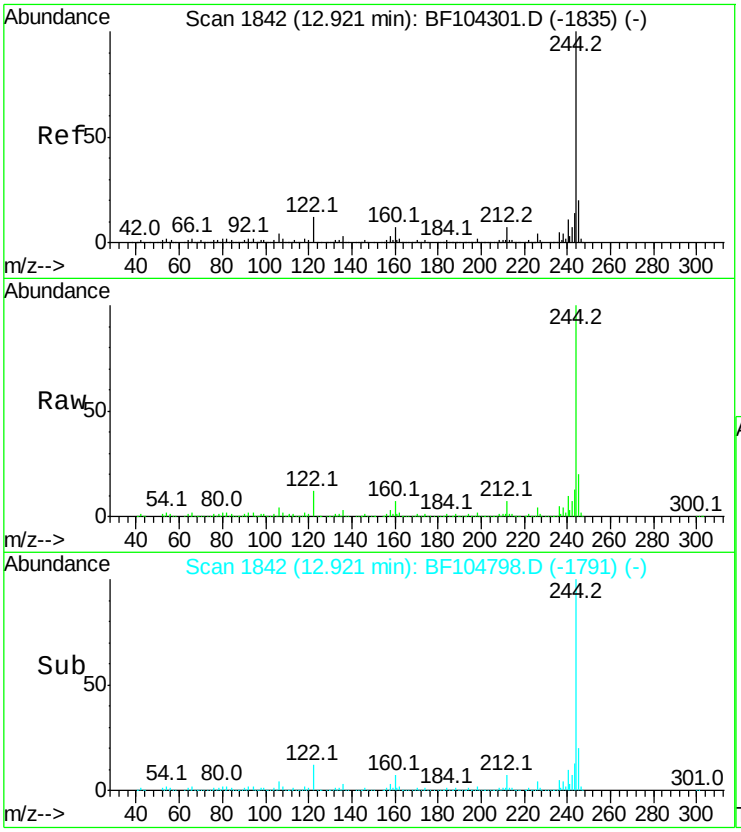


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion:240 Resp: 214506

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.5	20.7	31.1



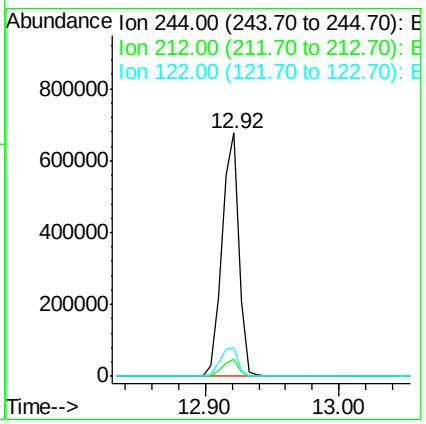


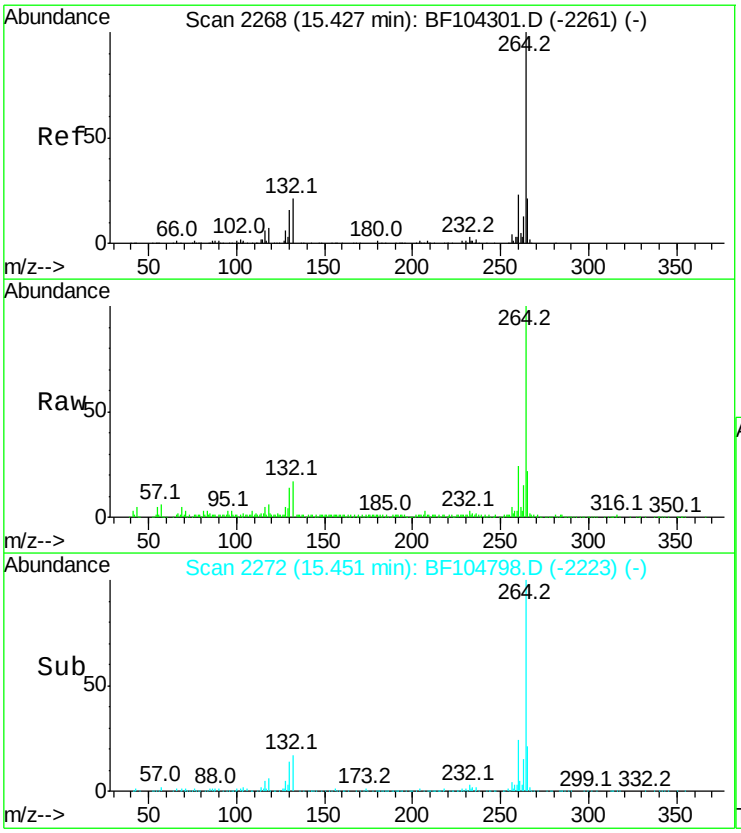
#78
Terphenyl-d14
Concen: 64.557 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 607408

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.6	11.0	16.4

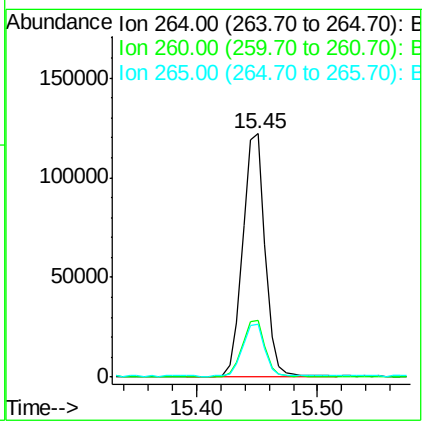


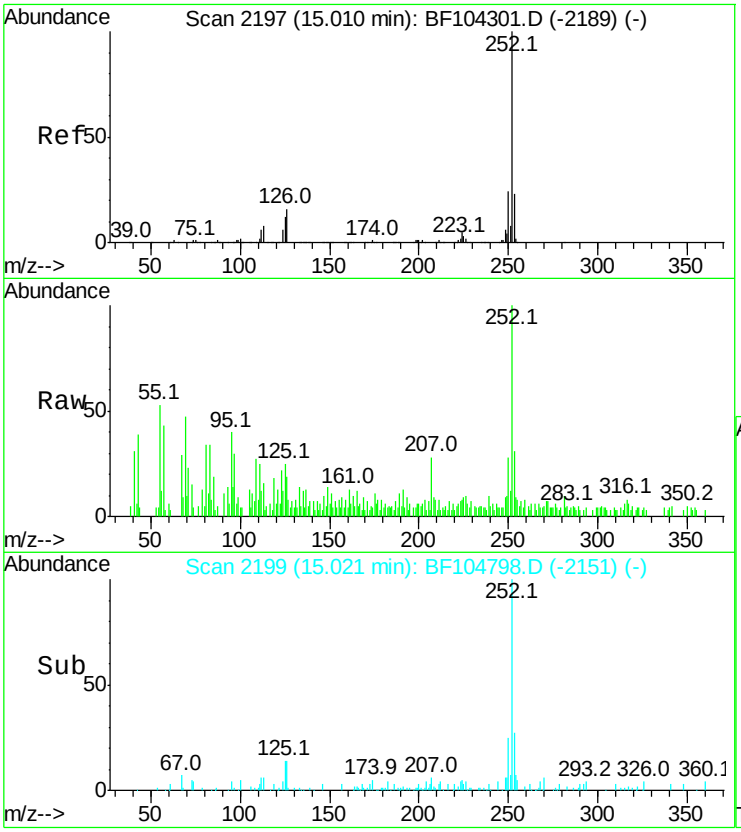


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion:264 Resp: 159509

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3



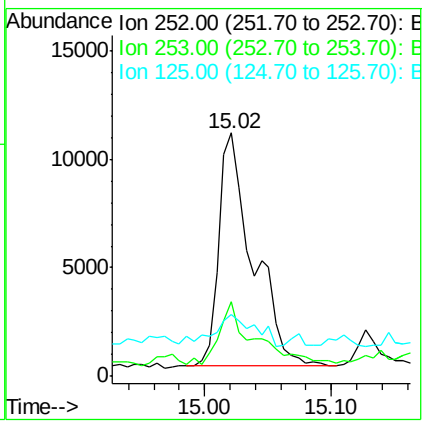


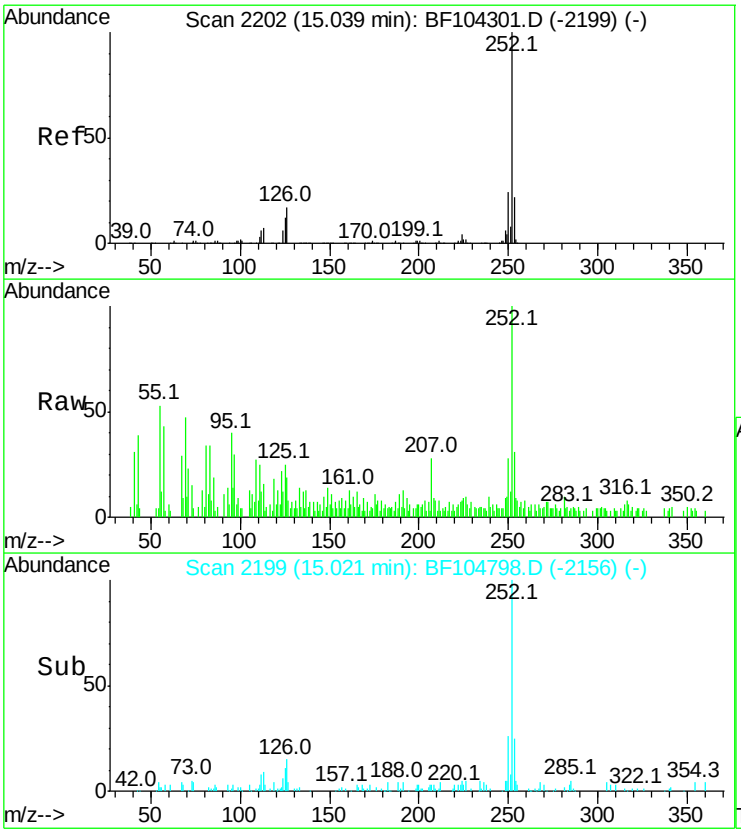
#87
Benzo(b)fluoranthene
Concen: 2.004 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 20192

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.0	25.6#
125	25.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.123 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.05 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion:252 Resp: 20192

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.9	26.9#
125	25.2	10.2	15.2#