Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104841.D
Acq On : 26 Apr 2018 17:08
Operator : JU/SJ
Sample : J2525-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 27 07:34:04 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	109320	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	441419	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	182563	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	277876	20.00	ng	0.00
75) Chrysene-d12	13.98	240	233413	20.00	ng	0.00
86) Perylene-d12	15.45	264	202542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	676860	94.67	ng	0.00
7) Phenol-d6	6.45	99	813781	92.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	499379	73.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	172026	90.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	796822	68.95	ng	0.00
78) Terphenyl-d14	12.92	244	536702	52.42	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	64361	11.212	ng	# 74
22) Acetophenone	7.20	105	56240	5.175	ng	# 91
25) Isophorone	7.36	82	499373	34.933	ng	# 64
49) Dimethylphthalate	9.55	163	56282	3.909	ng	99
56) 2,4-Dinitrotoluene	9.84	165	23647	6.767	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.63	198	316	7.545	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10446	3.534	ng	# 1
70) Phenanthrene	11.35	178	33642	2.174	ng	99
71) Anthracene	11.35	178	33642	2.139	ng	99
74) Fluoranthene	12.54	202	45982	2.844	ng	99
76) Benzidine	12.59	184	983	Below Cal		# 1
77) Pyrene	12.77	202	38450	2.222	ng	99
87) Benzo(b)fluoranthene	15.02	252	34771	2.718	ng	# 76
88) Benzo(k)fluoranthene	15.02	252	34771	2.879	ng	# 79

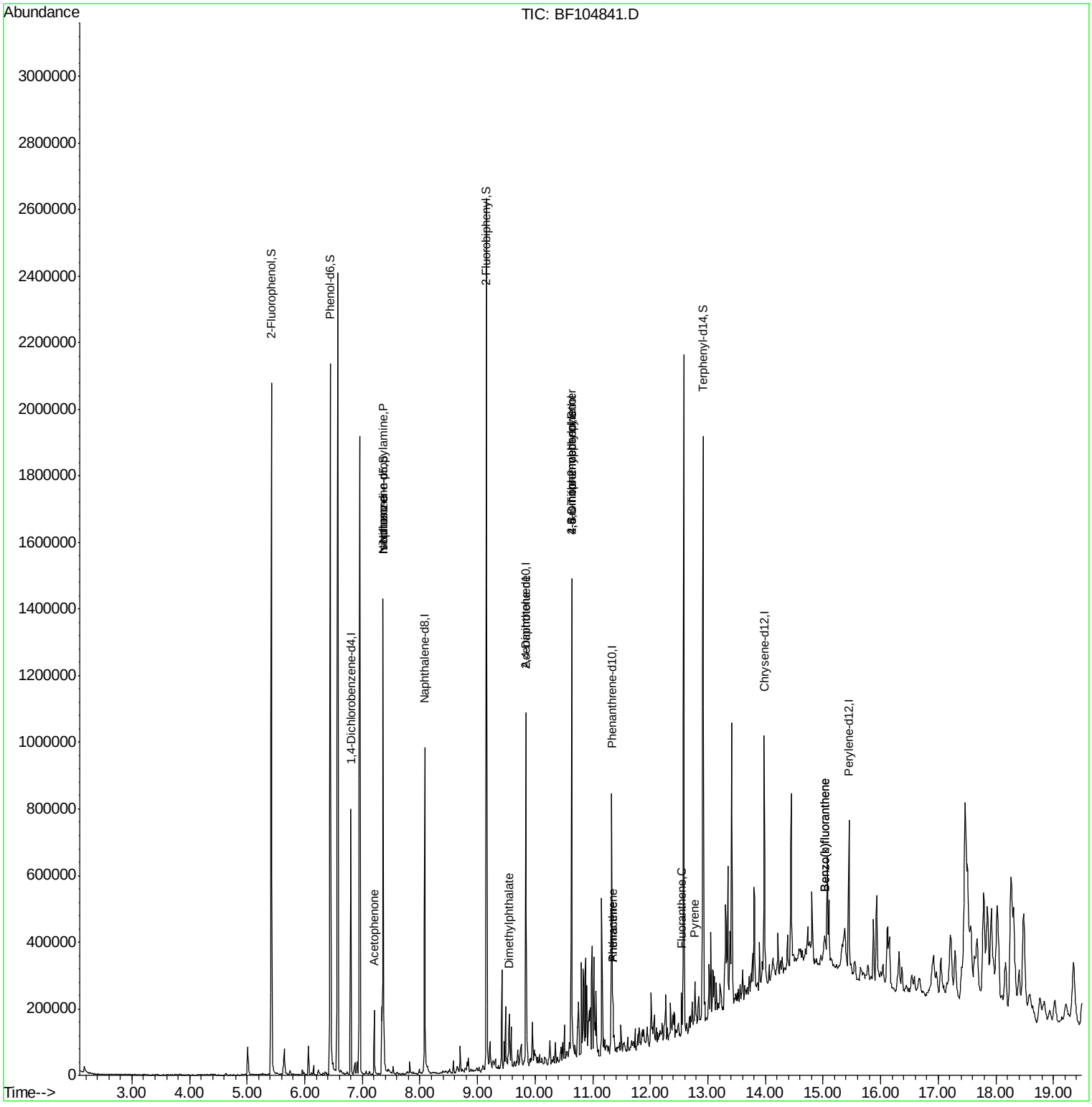
(#) = qualifier out of range (m) = manual integration (+) = signals summed

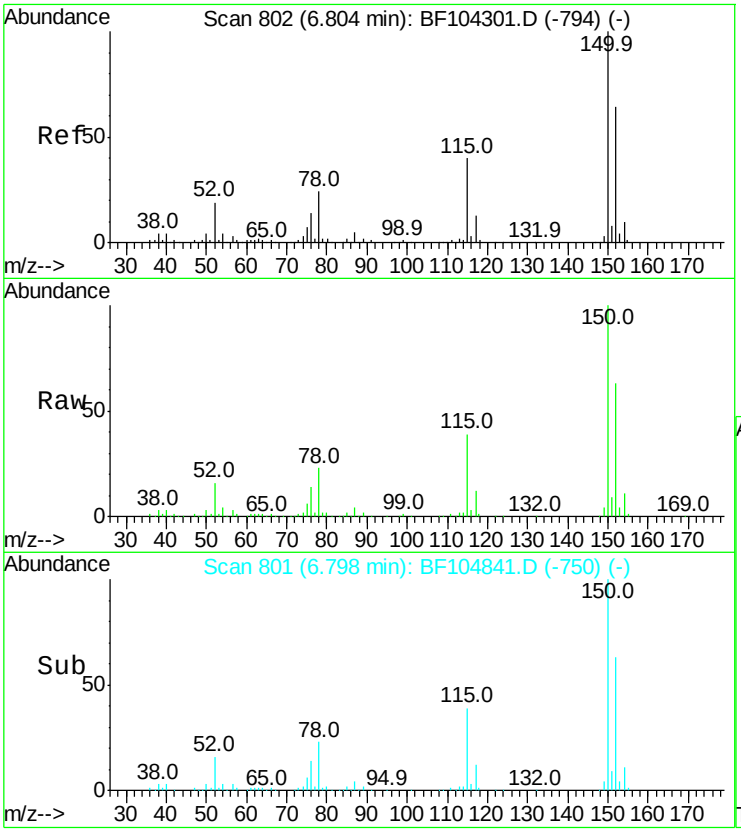
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104841.D
Acq On : 26 Apr 2018 17:08
Operator : JU/SJ
Sample : J2525-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 27 07:34:04 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



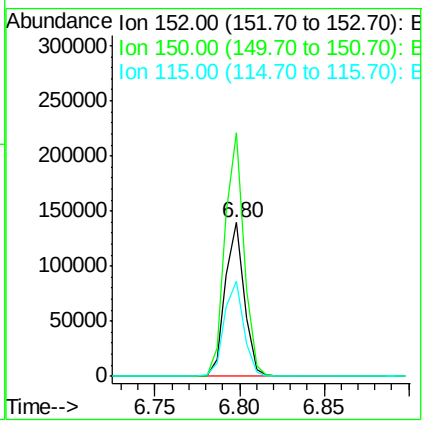


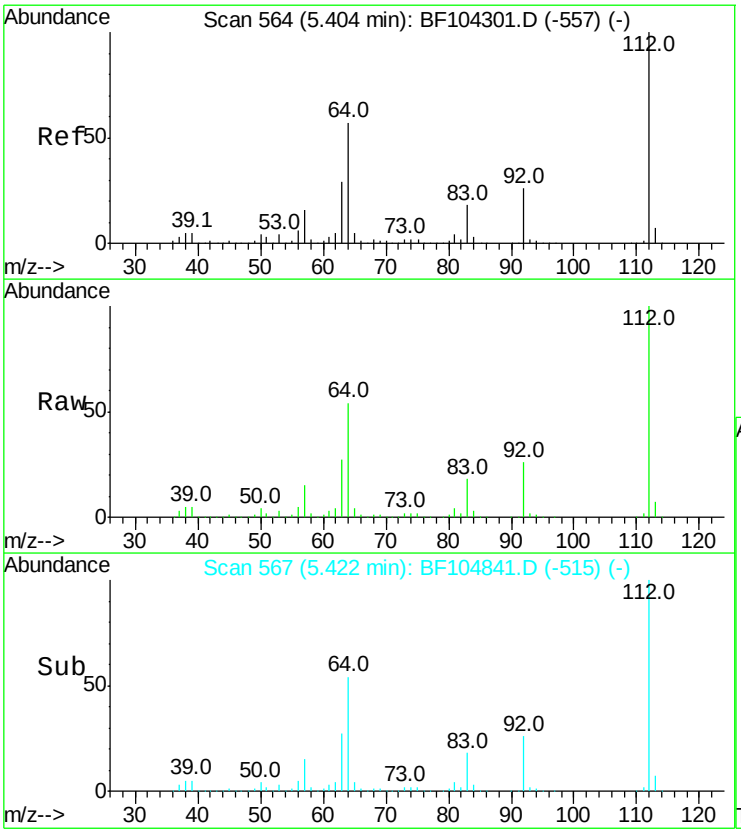
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109320

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	61.8	50.1	75.1

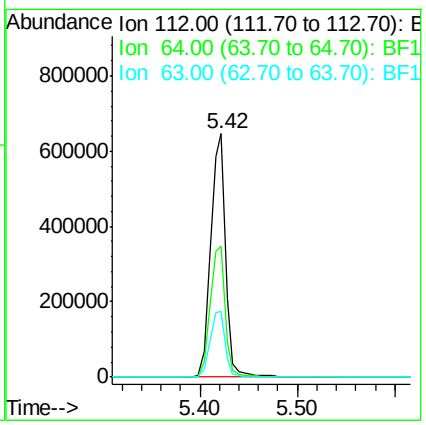


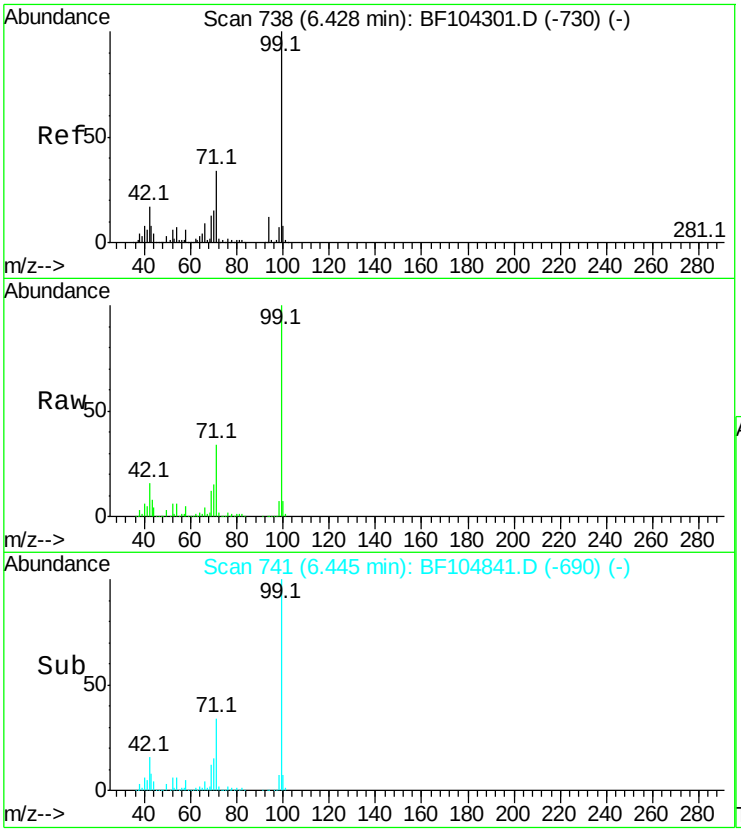


#5
2-Fluorophenol
Concen: 94.672 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:112 Resp: 676860

Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	27.0	23.7	35.5



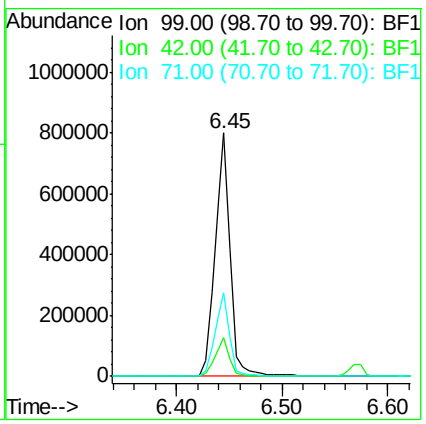


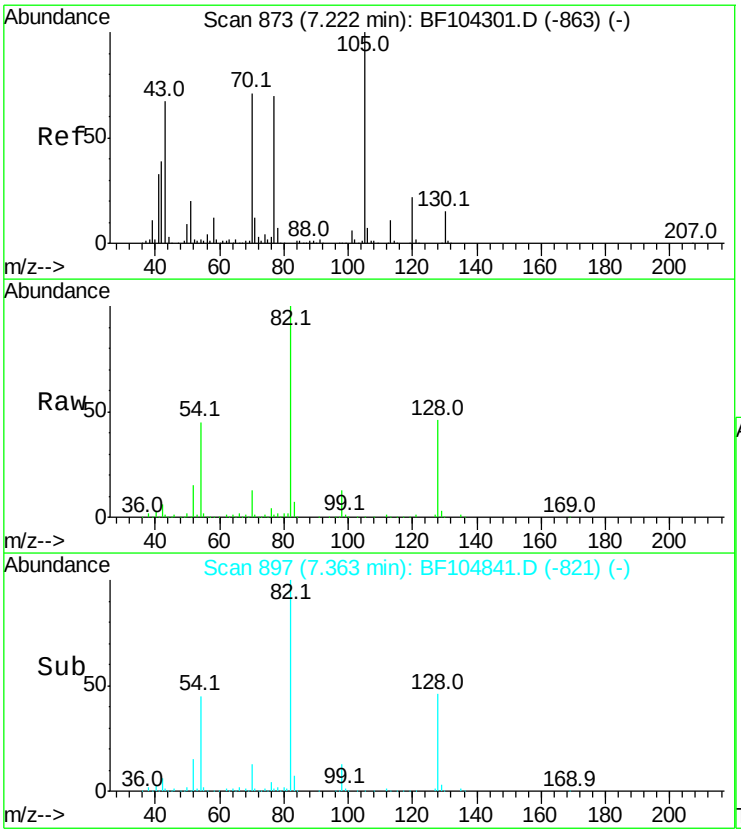
#7
Phenol-d6
Concen: 92.639 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 813781

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	34.3	25.4	38.0

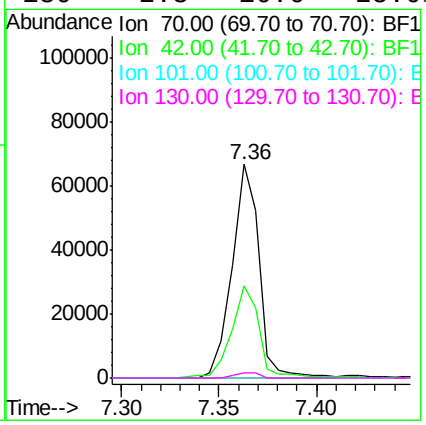


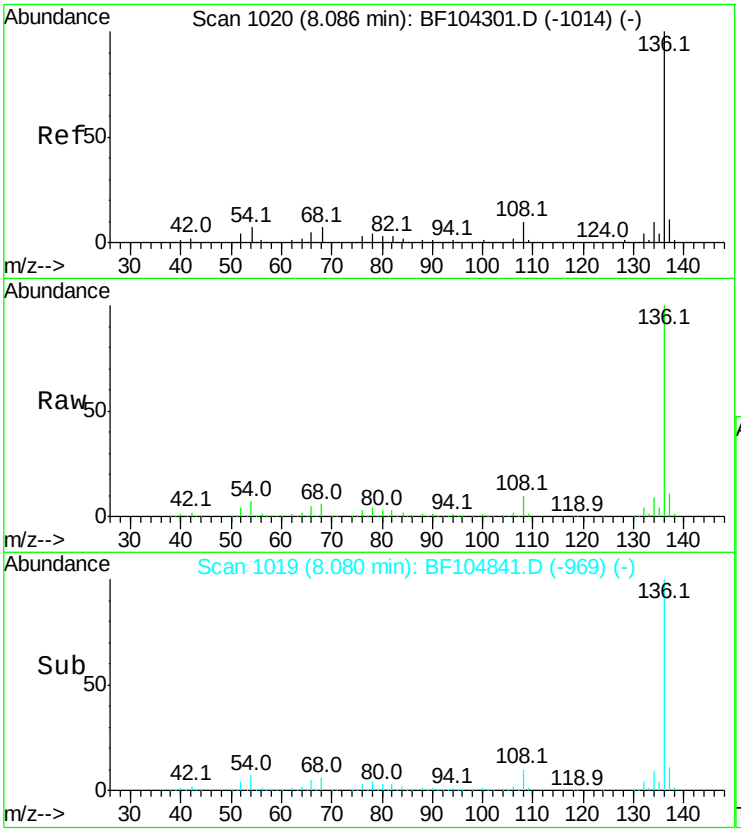


#19
n-Nitroso-di-n-propylamine
Concen: 11.212 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion: 70 Resp: 64361

Ion	Ratio	Lower	Upper
70	100		
42	43.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



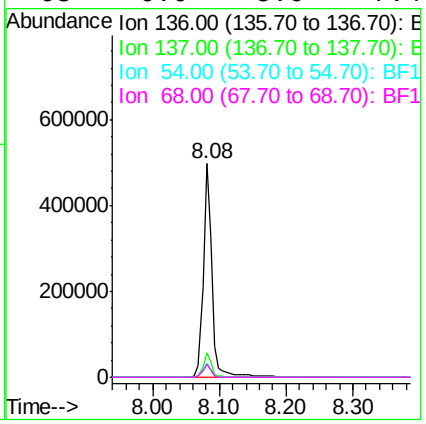


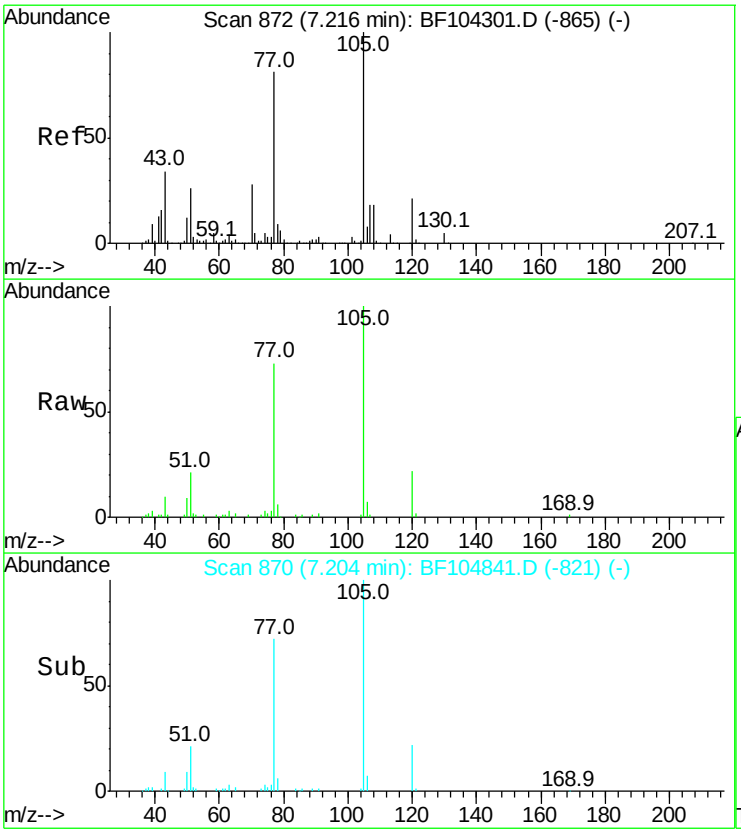
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 441419

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.7	6.6	9.8
68	6.0	5.0	7.4

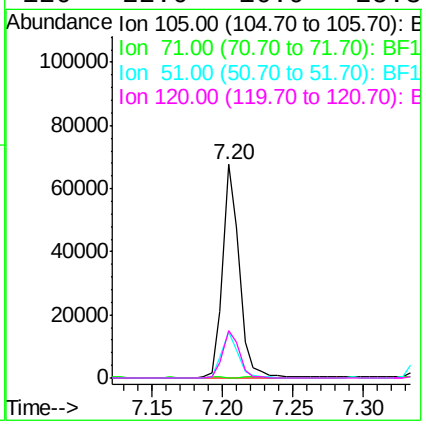


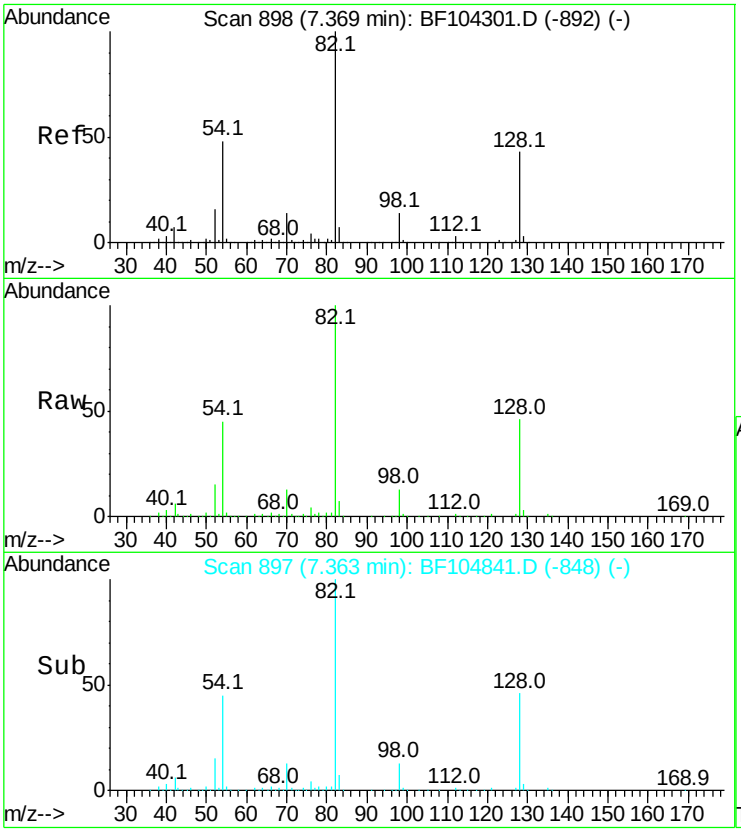


#22
Acetophenone
Concen: 5.175 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:105 Resp: 56240

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	21.4	22.3	33.5#
120	22.0	16.9	25.3



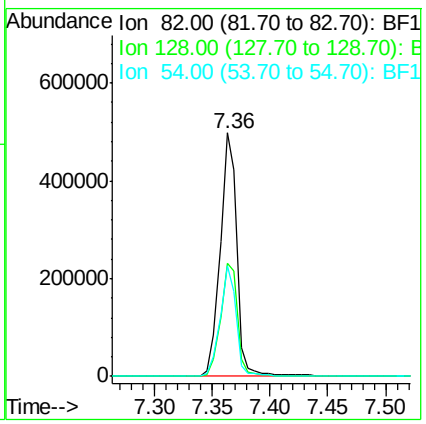


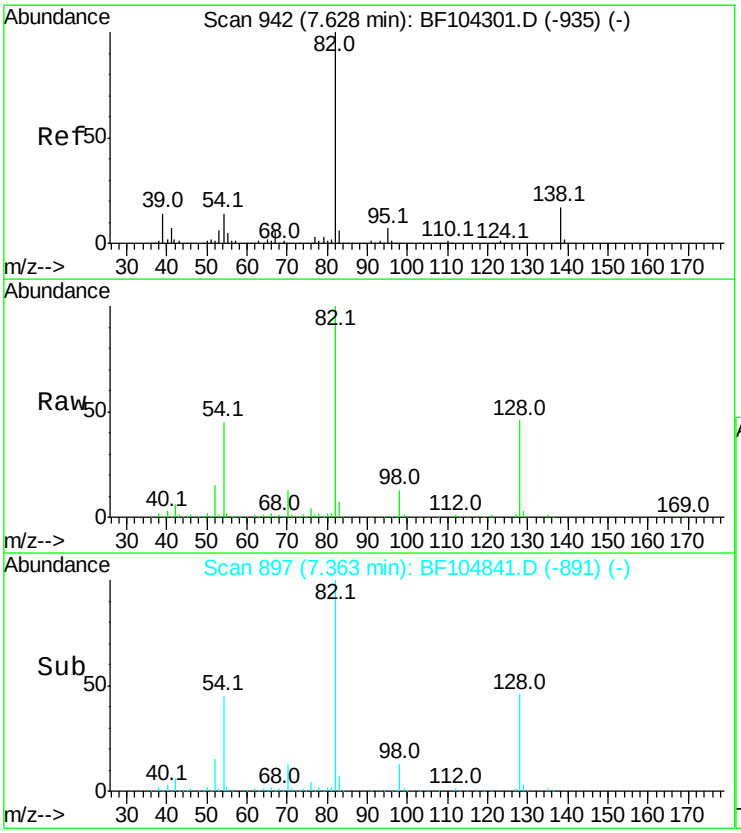
#23
Nitrobenzene-d5
Concen: 73.872 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 499379

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	45.2	41.4	62.2

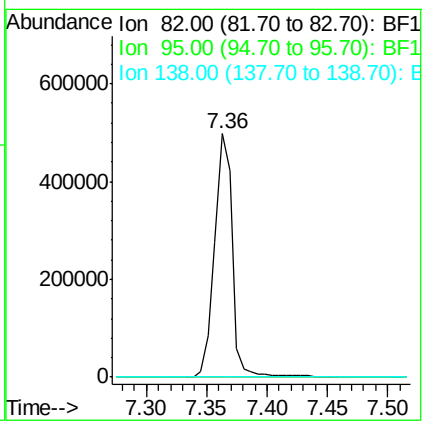


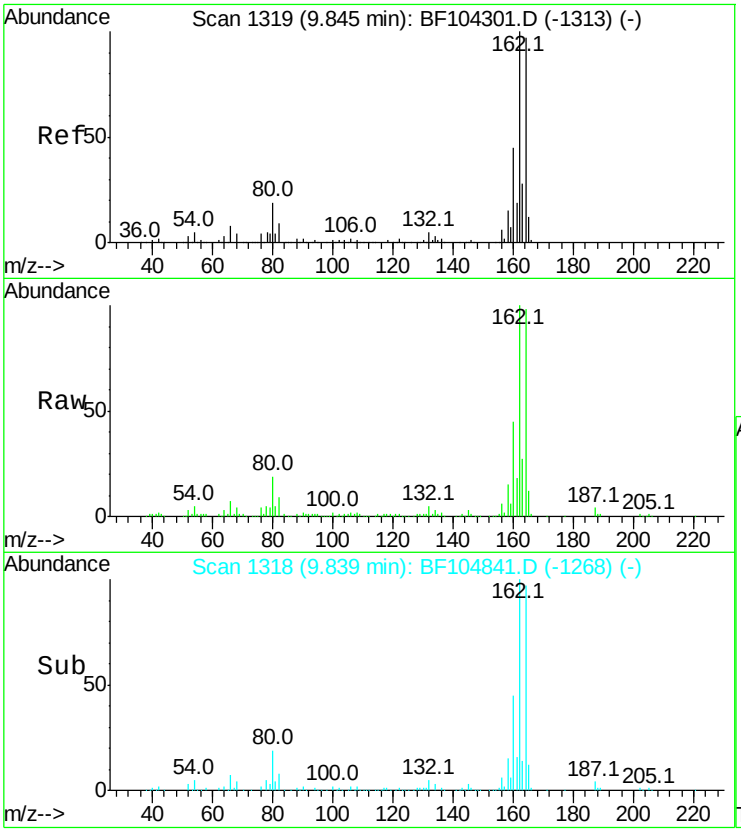


#25
Isophorone
Concen: 34.933 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion: 82 Resp: 499373

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



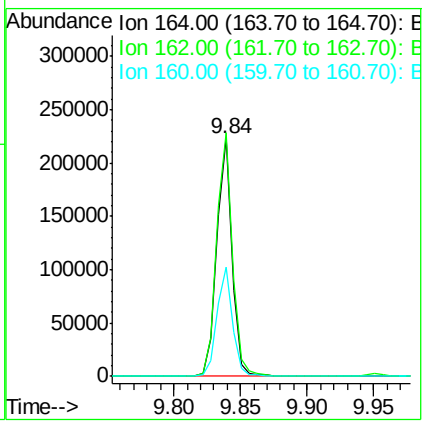


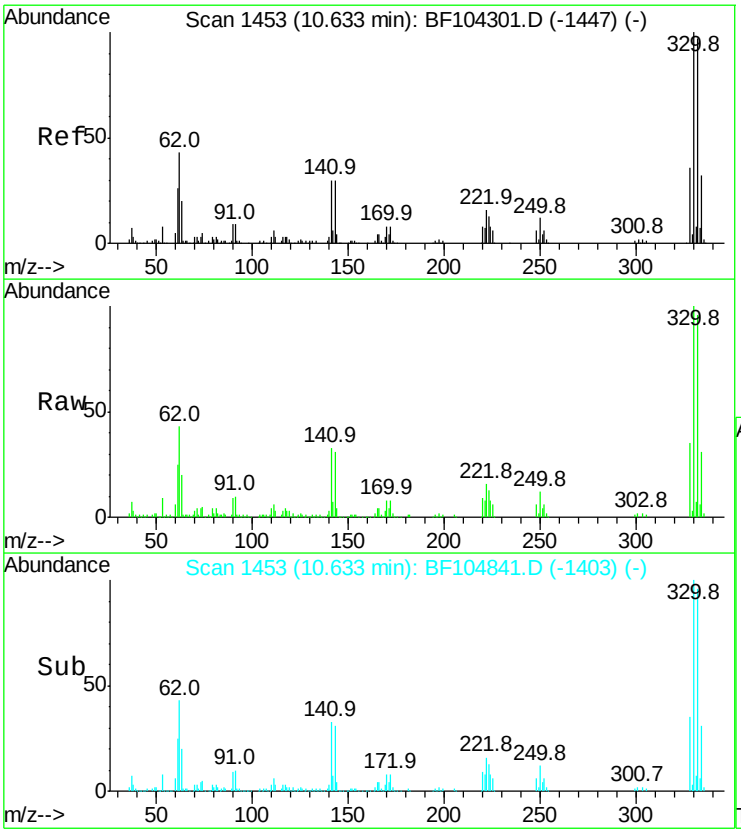
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 182563

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.8	38.3	57.5

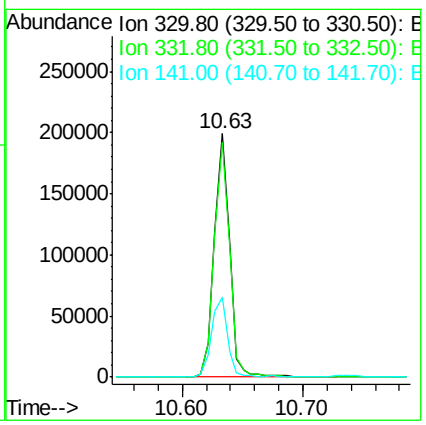


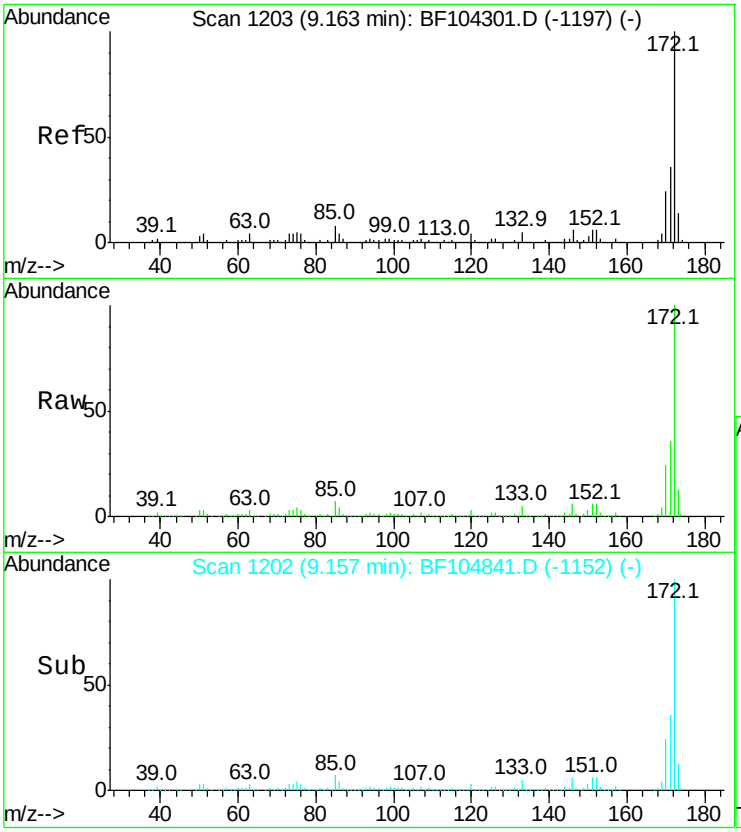


#41
2,4,6-Tribromophenol
Concen: 90.838 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:330 Resp: 172026

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	34.4	29.9	44.9



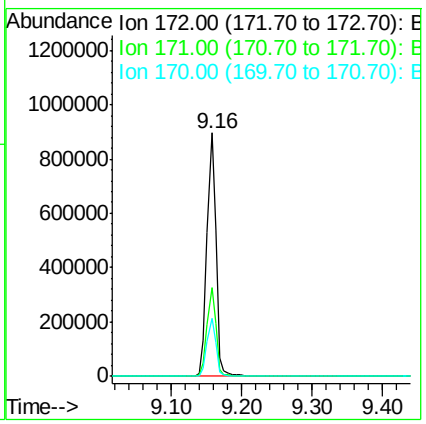


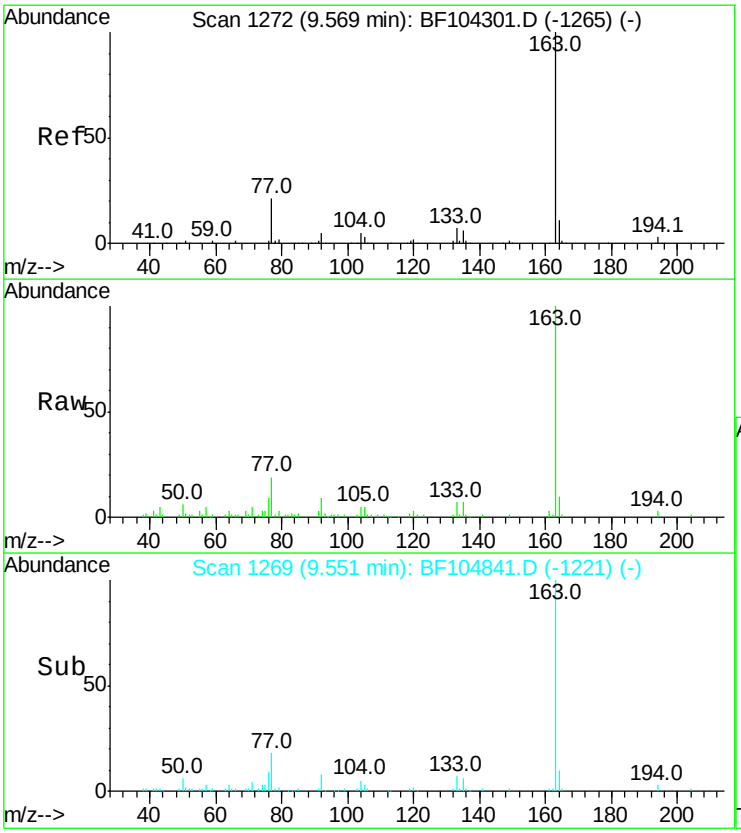
#44
2-Fluorobiphenyl
Concen: 68.950 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 796822

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.6	19.6	29.4

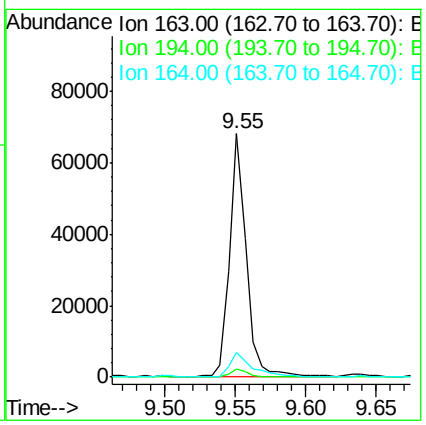


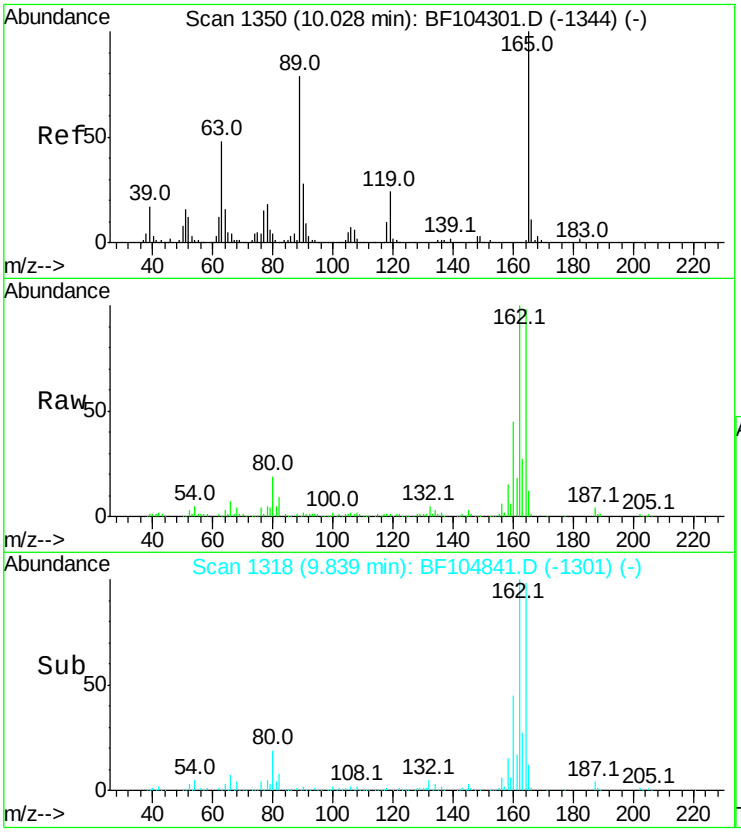


#49
Dimethylphthalate
Concen: 3.909 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:163 Resp: 56282

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2



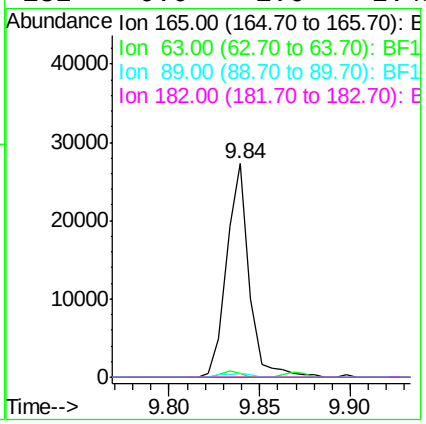


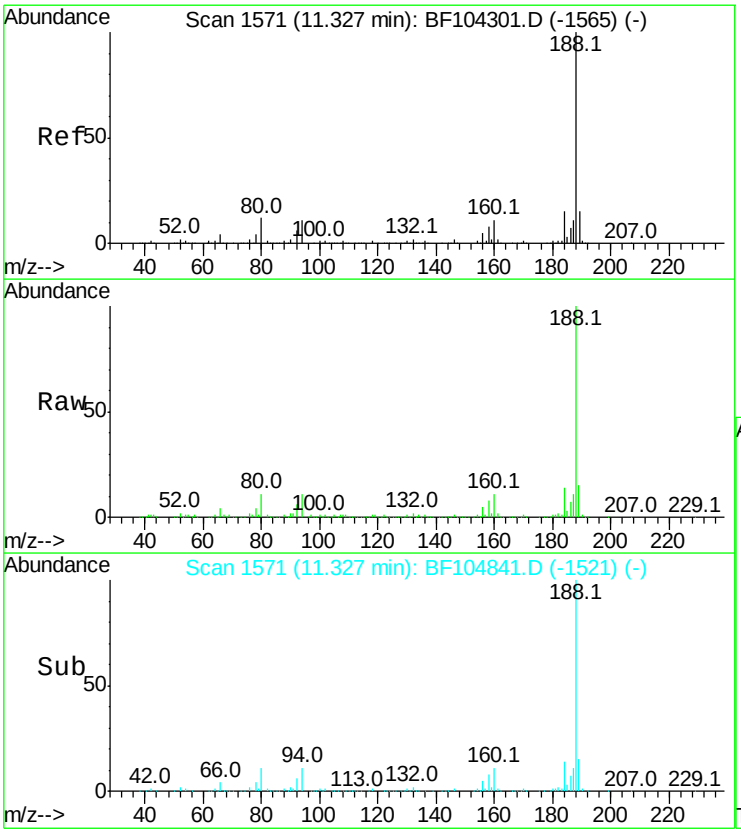
#56
2,4-Dinitrotoluene
Concen: 6.767 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23647

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

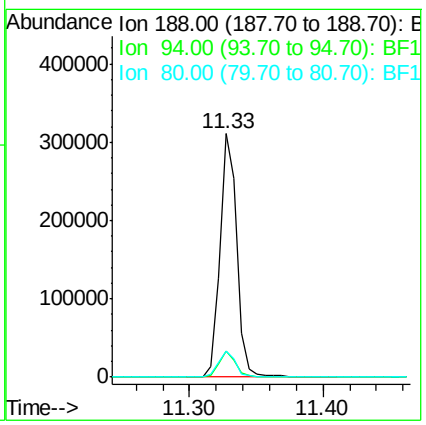


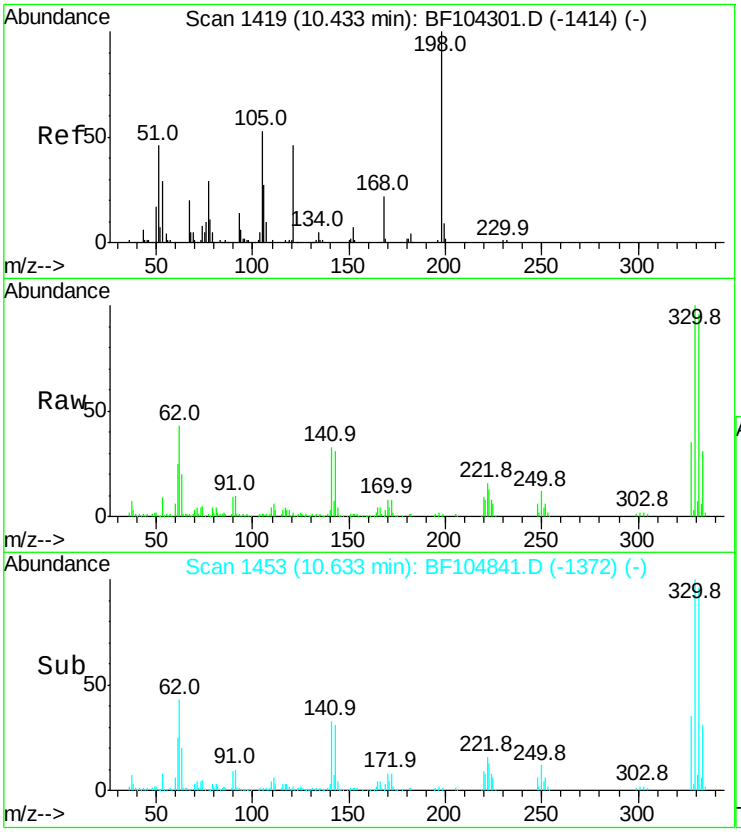


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:188 Resp: 277876

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



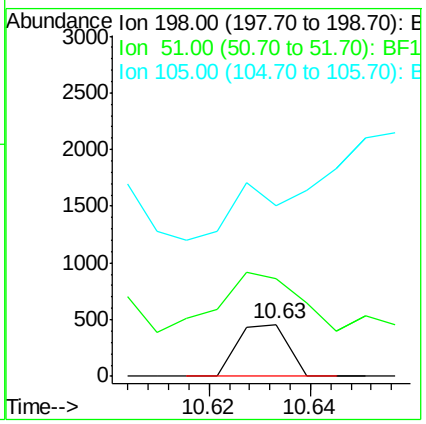


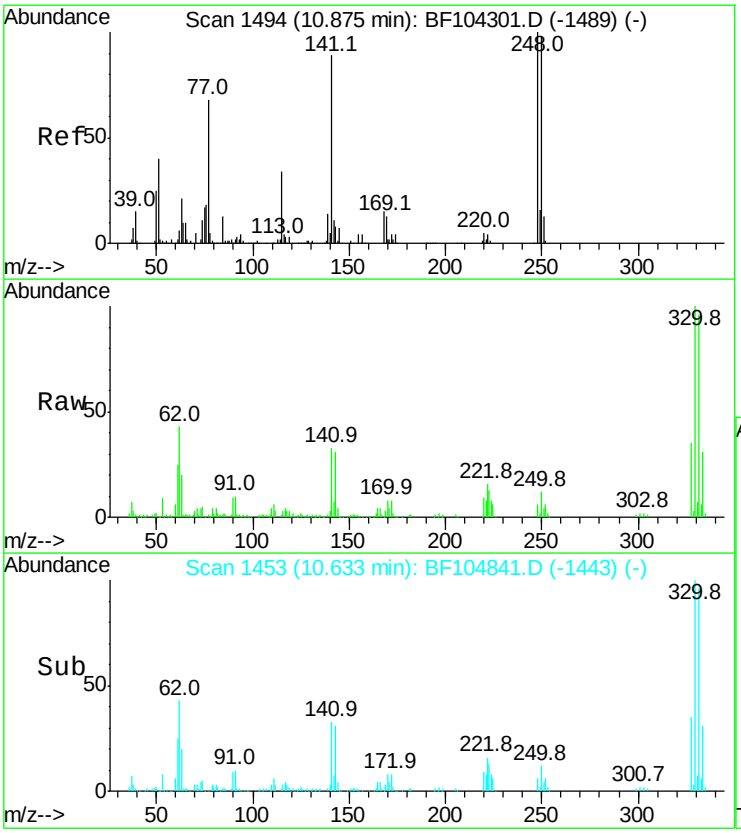
#64
4,6-Dinitro-2-methylphenol
Concen: 7.545 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 316

Ion	Ratio	Lower	Upper
198	100		
51	189.1	37.7	77.7#
105	328.8	36.3	76.3#

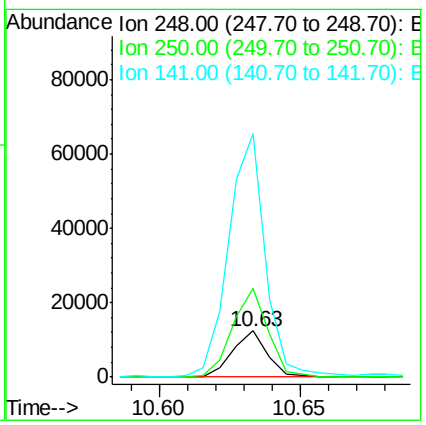


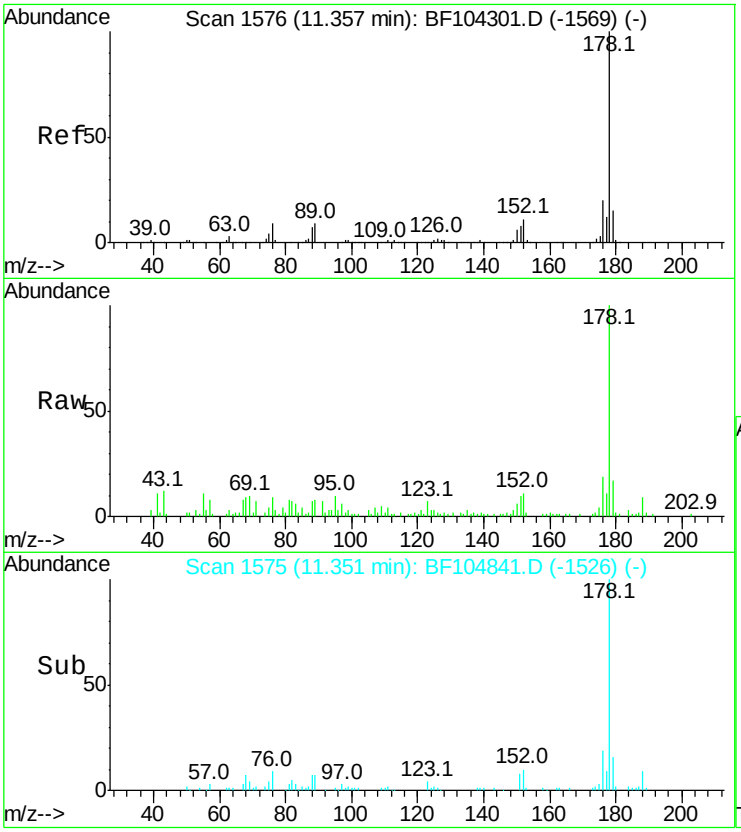


#66
4-Bromophenyl-phenylether
Concen: 3.534 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:248 Resp: 10446

Ion	Ratio	Lower	Upper
248	100		
250	193.4	76.9	115.3#
141	528.1	74.4	111.6#



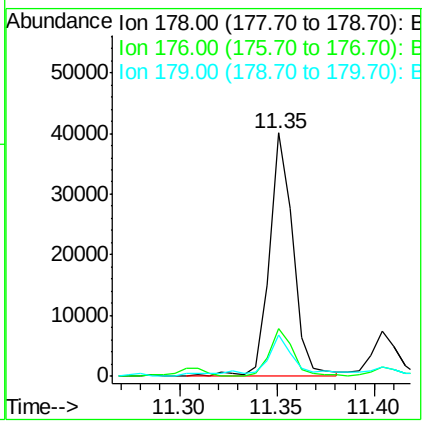


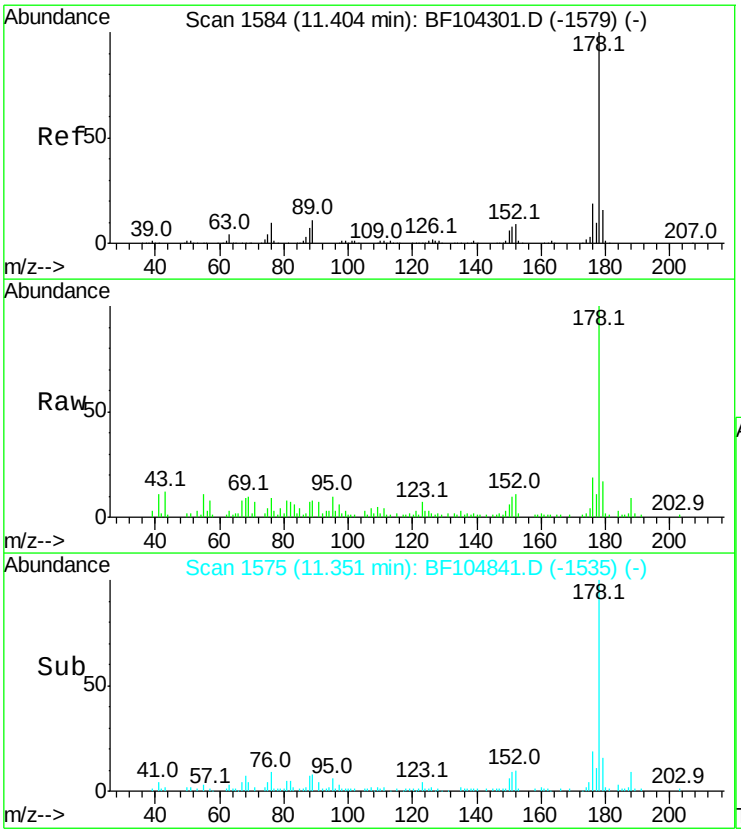
#70
Phenanthrene
Concen: 2.174 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 33642

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	17.1	13.0	19.6

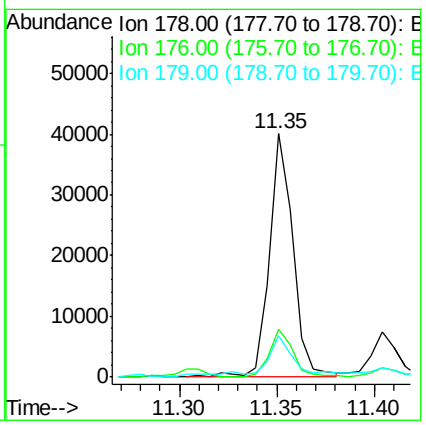


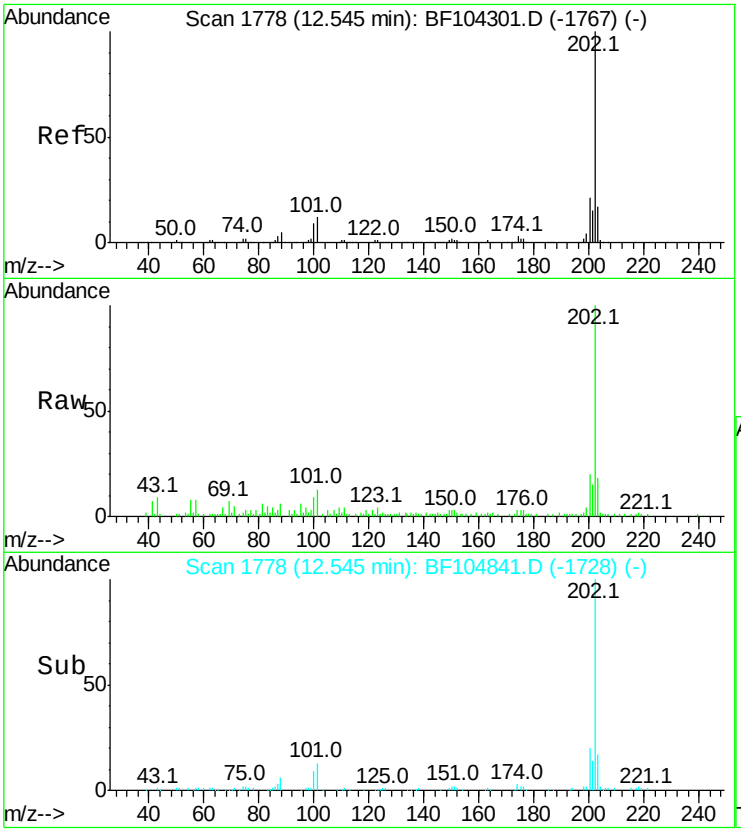


#71
Anthracene
Concen: 2.139 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.06 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:178 Resp: 33642

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	17.1	12.6	19.0



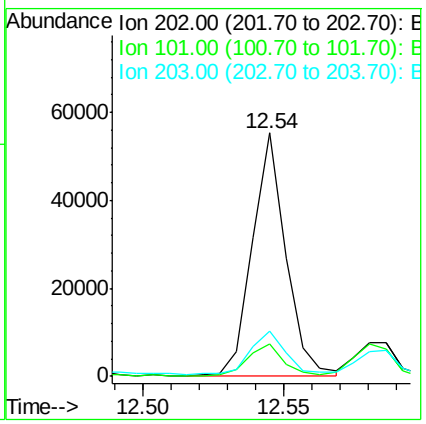


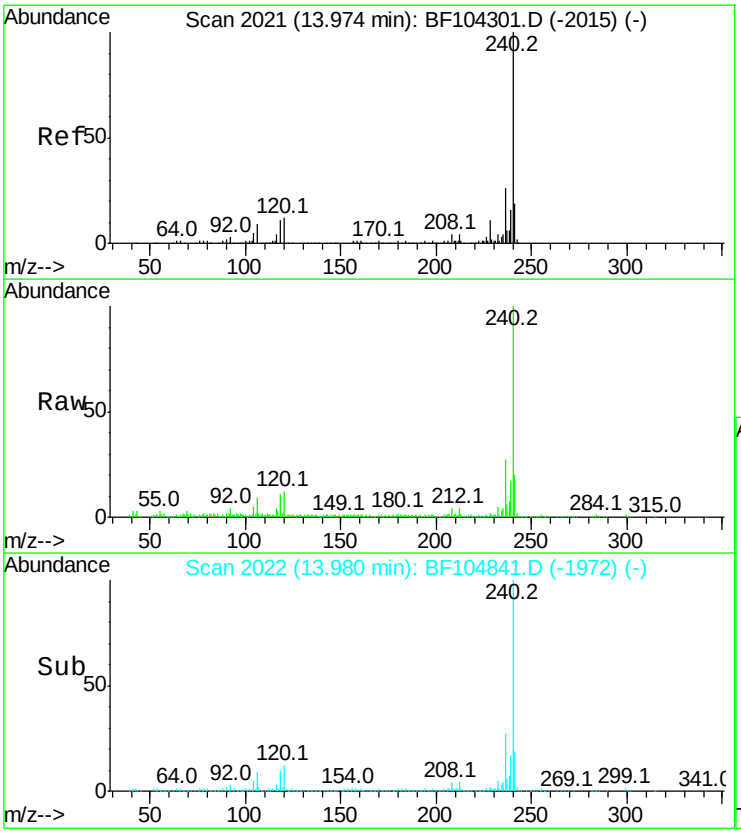
#74
Fluoranthene
Concen: 2.844 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 45982

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	18.4	0.0	38.1

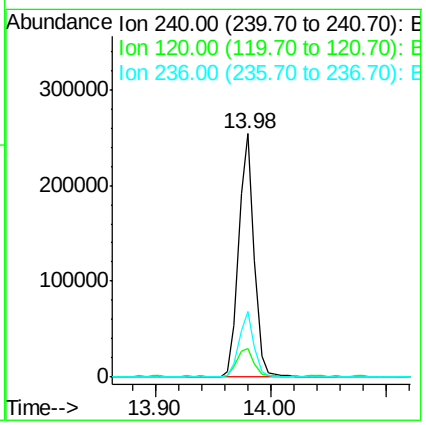


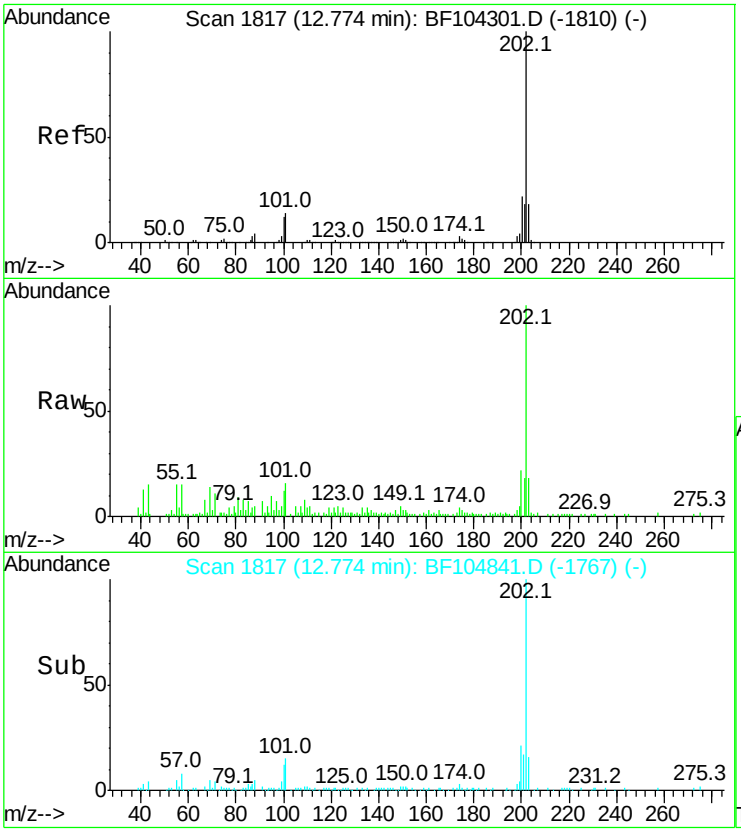


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:240 Resp: 233413

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.9	20.7	31.1



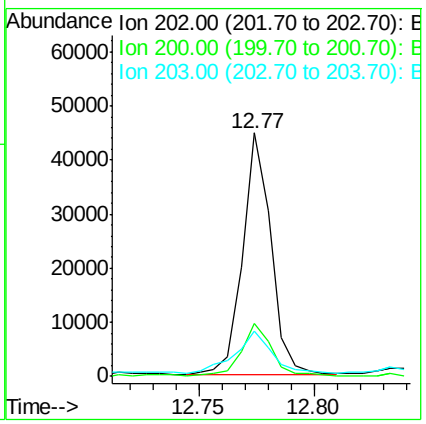


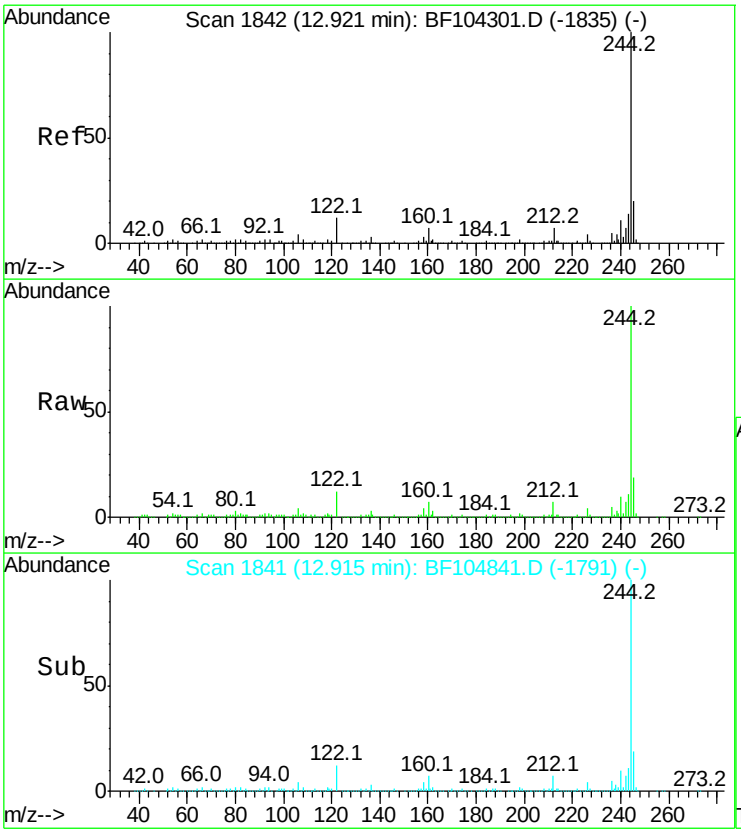
#77
Pyrene
Concen: 2.222 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 38450

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.3	14.3	21.5

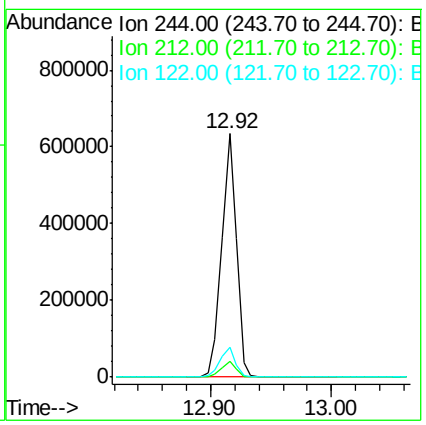


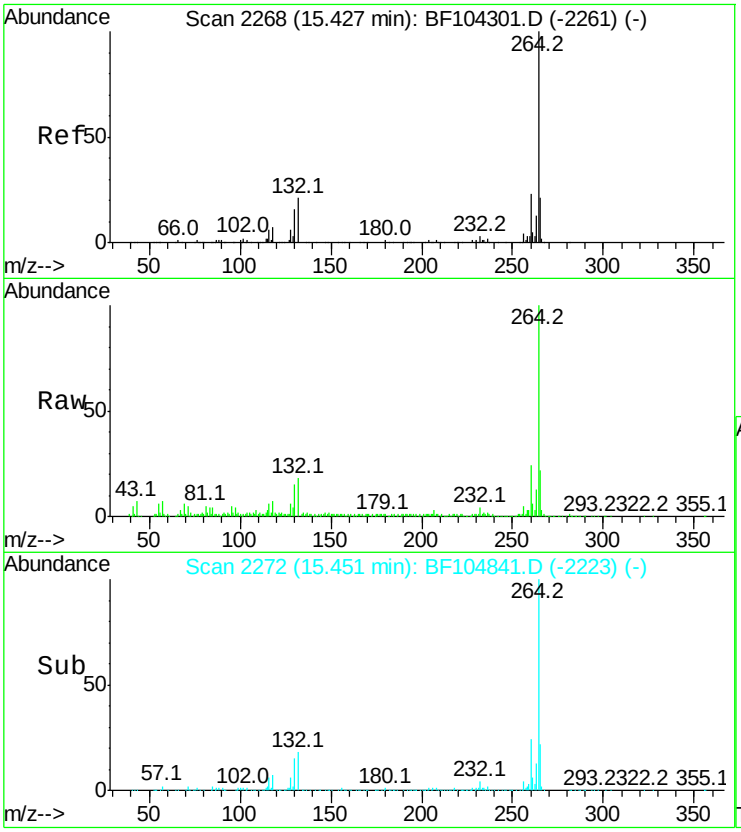


#78
Terphenyl-d14
Concen: 52.422 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:244 Resp: 536702

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.5	11.0	16.4



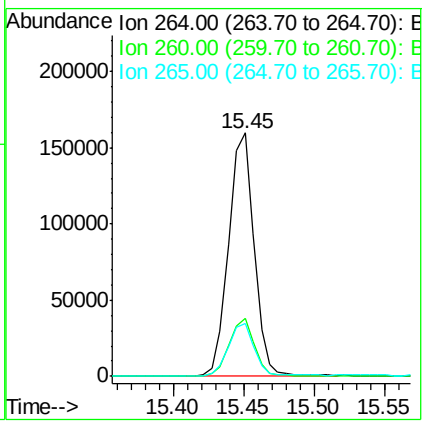


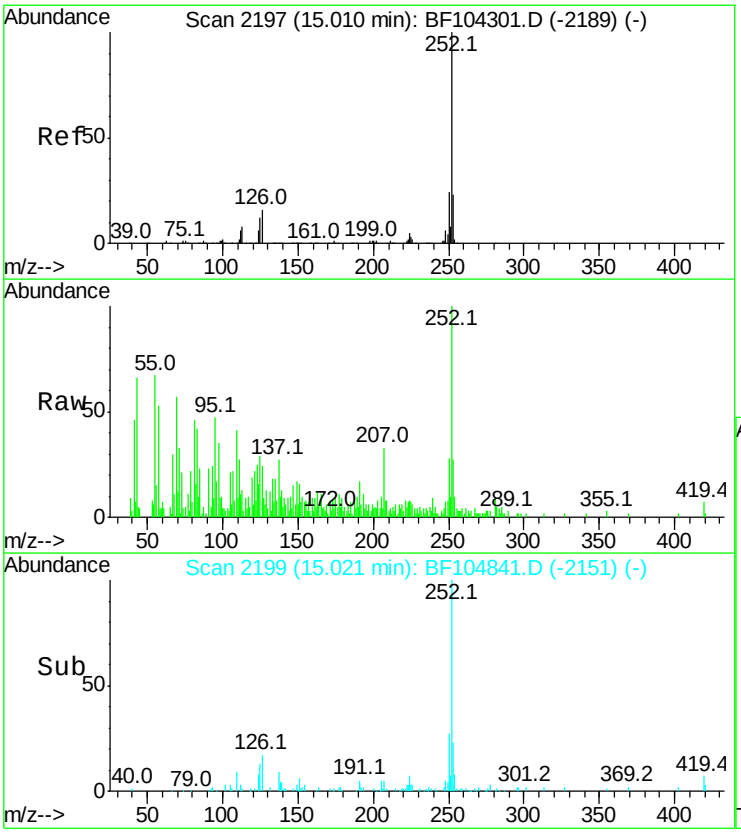
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 202542

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3

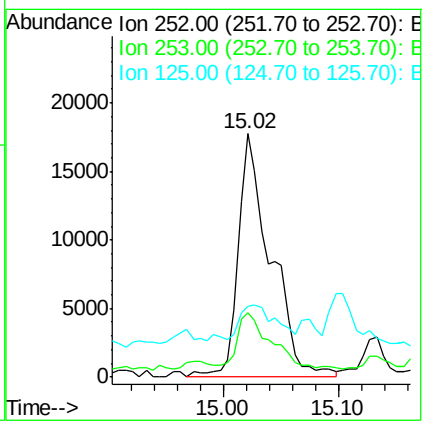


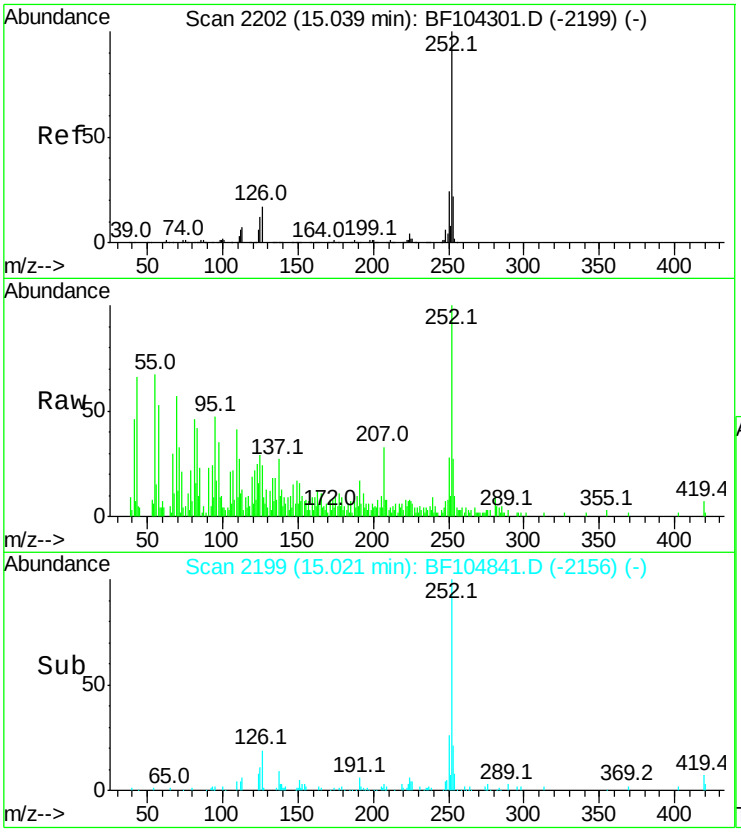


#87
Benzo(b)fluoranthene
Concen: 2.718 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Tgt Ion:252 Resp: 34771

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.0	25.6#
125	29.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.879 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.05 min
Lab File: BF104841.D
Acq: 26 Apr 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 34771

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	29.2	10.2	15.2#