Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104934.D
Acq On : 30 Apr 2018 15:54
Operator : JU/SJ
Sample : J2607-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 30 16:39:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107227	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	446057	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	200499	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	344249	20.00	ng		0.00
75) Chrysene-d12	13.97	240	217336	20.00	ng		0.00
86) Perylene-d12	15.43	264	203850	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	647753	92.37	ng		0.00
7) Phenol-d6	6.43	99	792498	91.98	ng		0.00
23) Nitrobenzene-d5	7.36	82	475856	69.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	199272	95.81	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	836768	65.93	ng		0.00
78) Terphenyl-d14	12.91	244	660830	69.32	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	61710	10.960	ng	#	74
25) Isophorone	7.36	82	475852	32.942	ng	#	64
49) Dimethylphthalate	9.55	163	80979	5.122	ng		99
50) 2,6-Dinitrotoluene	9.83	165	25937	8.865	ng	#	25
56) 2,4-Dinitrotoluene	9.83	165	25937	6.759	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.62	198	427	7.563	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	12086	3.301	ng	#	1
74) Fluoranthene	12.53	202	52188	2.605	ng		99
76) Benzidine	12.91	184	8939	Below Cal		#	93
77) Pyrene	12.77	202	43317	2.689	ng		95
87) Benzo(b)fluoranthene	15.01	252	32567	2.530	ng	#	85
88) Benzo(k)fluoranthene	15.01	252	32567	2.679	ng	#	87

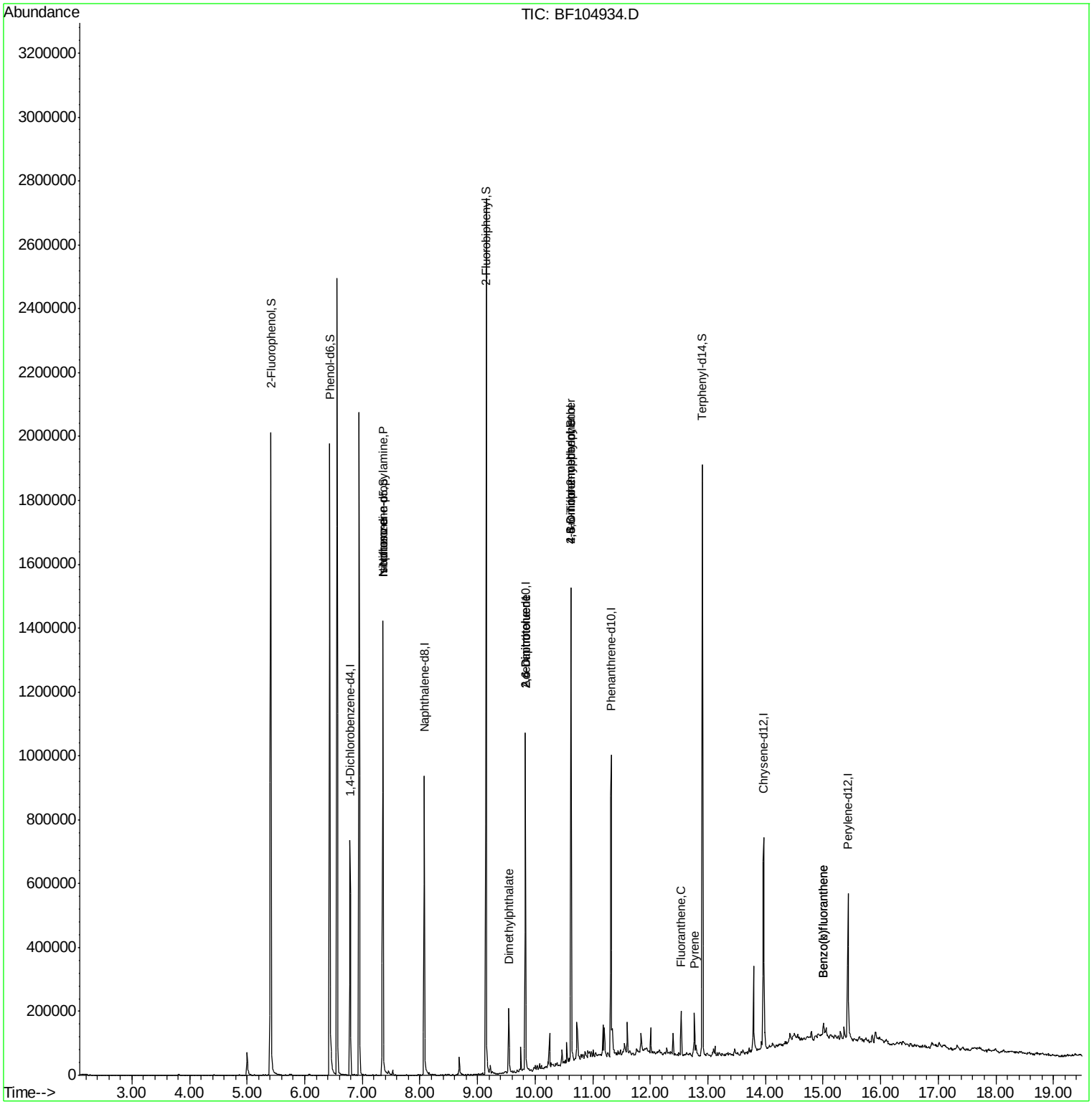
(#) = qualifier out of range (m) = manual integration (+) = signals summed

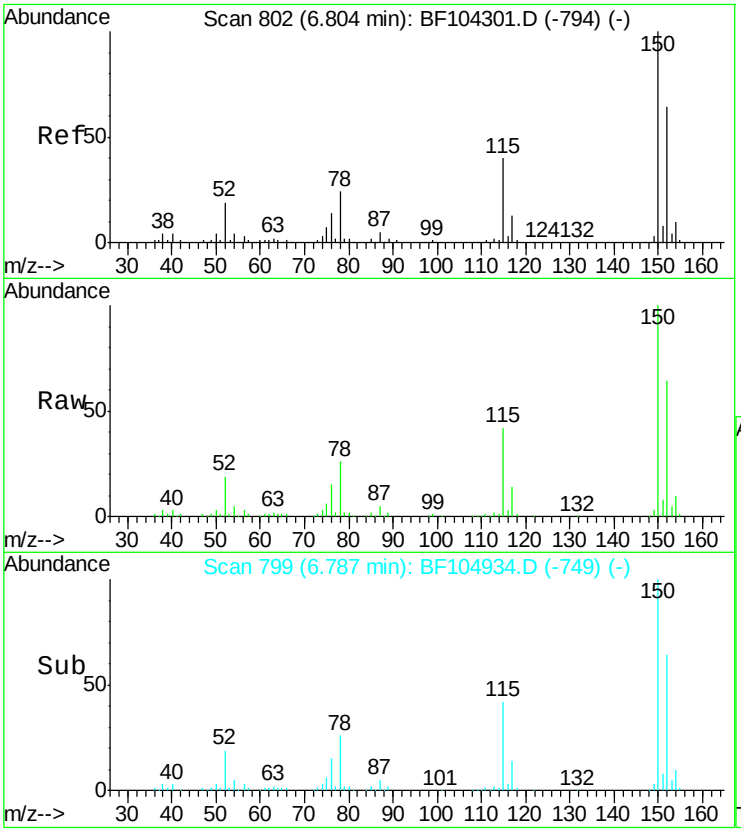
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104934.D
Acq On : 30 Apr 2018 15:54
Operator : JU/SJ
Sample : J2607-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 30 16:39:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration



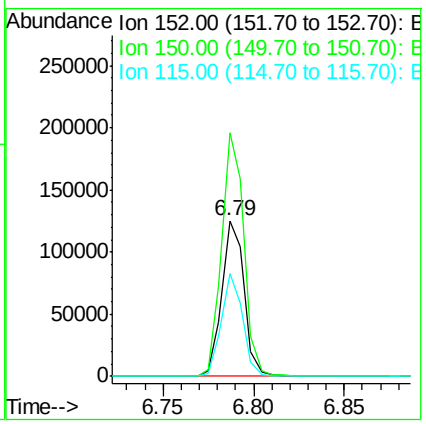


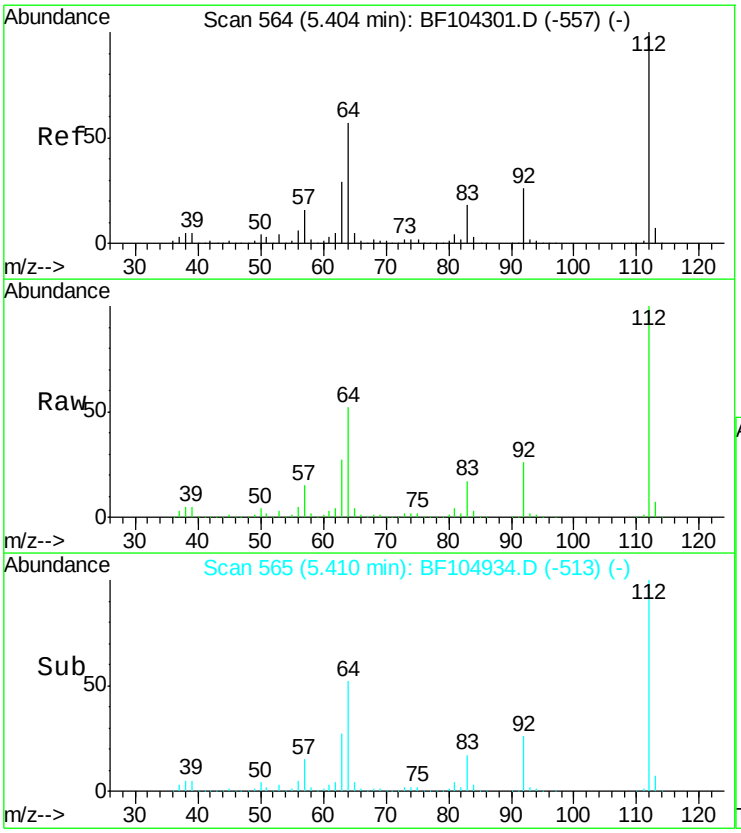
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107227

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	65.8	50.1	75.1

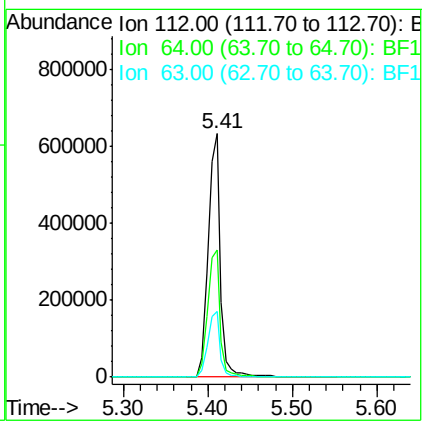


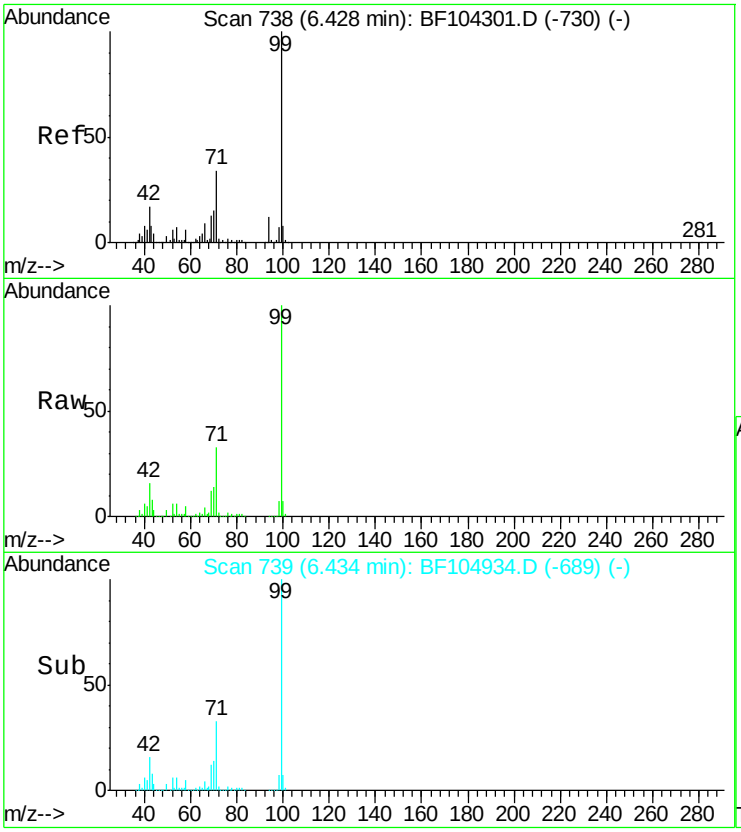


#5
2-Fluorophenol
Concen: 92.370 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion:112 Resp: 647753

Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	27.1	23.7	35.5



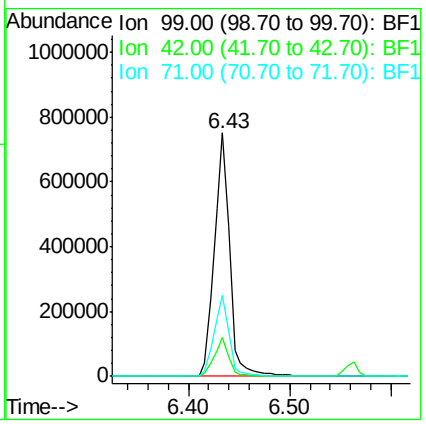


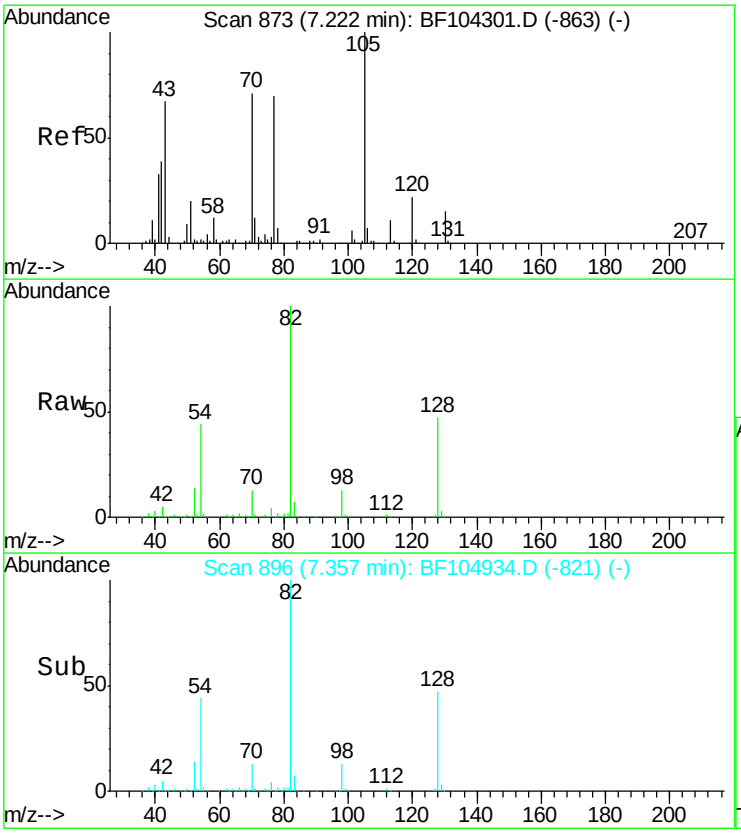
#7
Phenol-d6
Concen: 91.977 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 792498

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.3	25.4	38.0

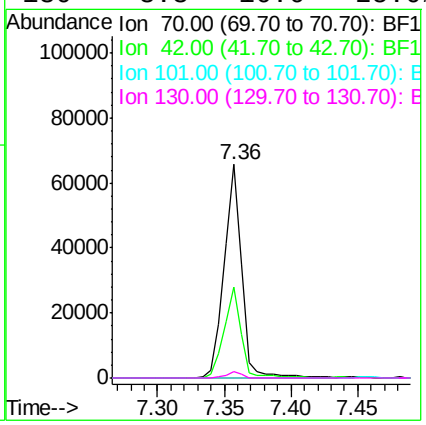


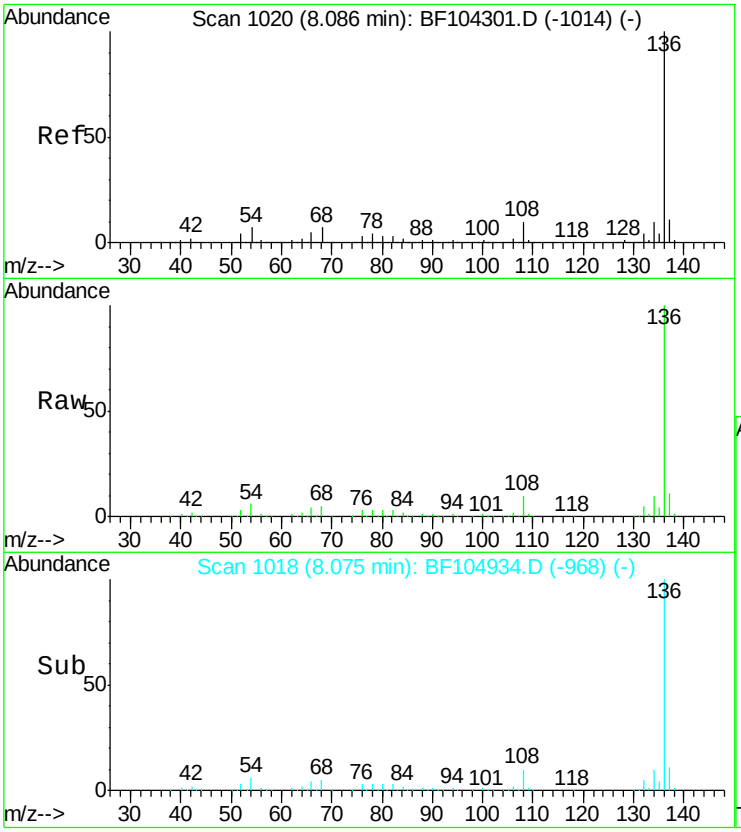


#19
n-Nitroso-di-n-propylamine
Concen: 10.960 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion: 70 Resp: 61710

Ion	Ratio	Lower	Upper
70	100		
42	42.3	47.5	71.3#
101	0.0	7.4	11.2#
130	3.3	16.6	25.0#



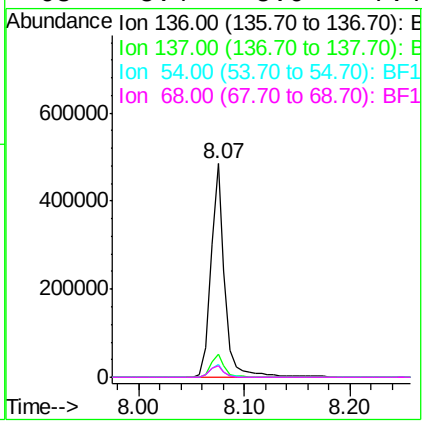


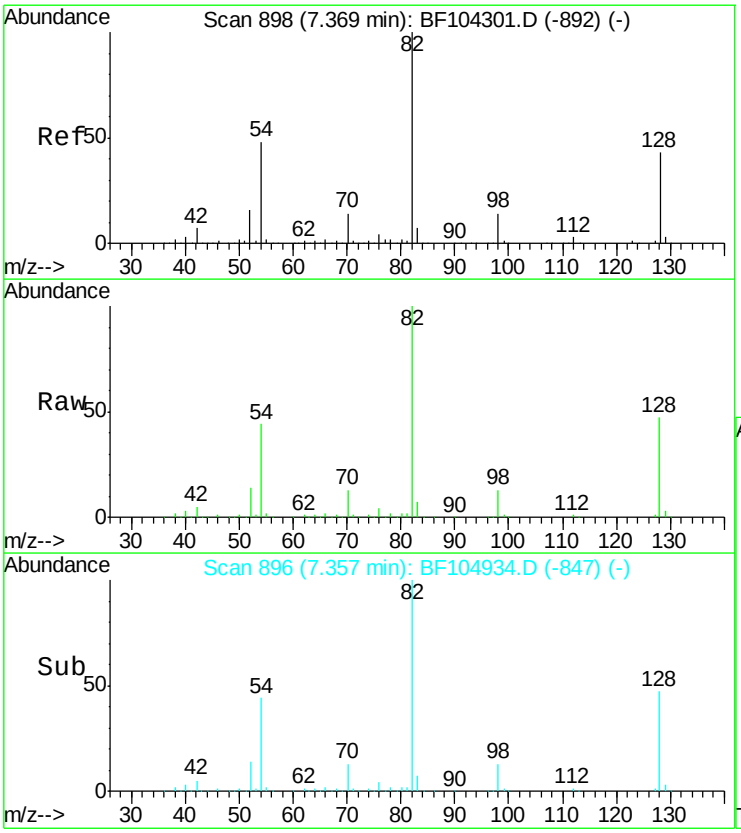
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 446057

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4

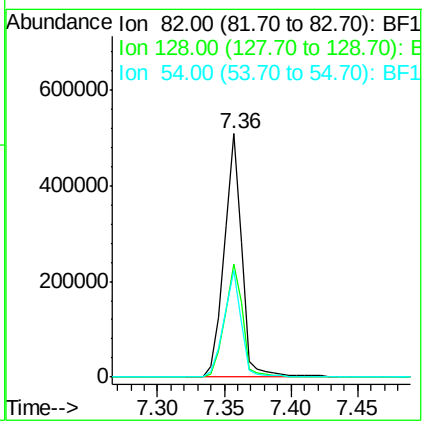


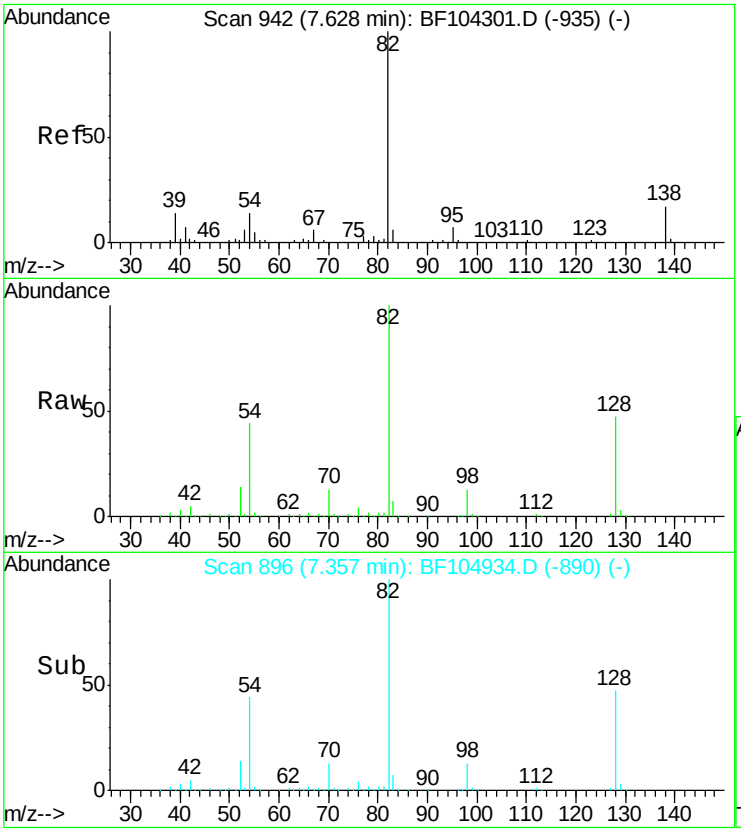


#23
Nitrobenzene-d5
Concen: 69.660 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion: 82 Resp: 475856

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	43.9	41.4	62.2



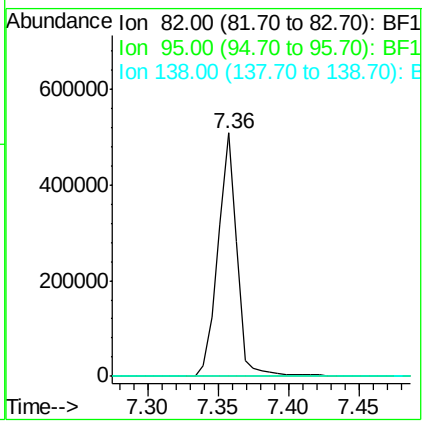


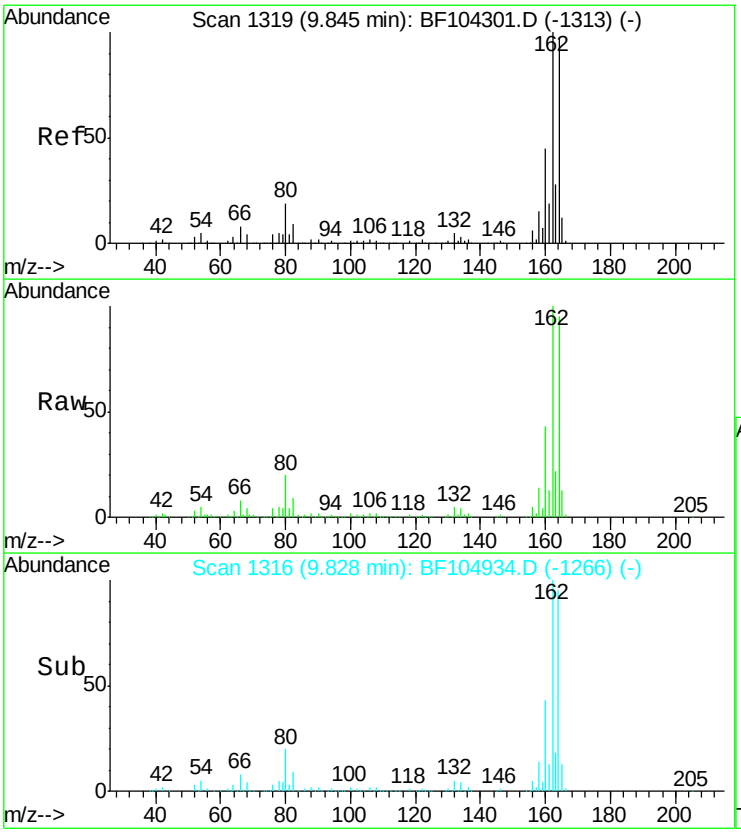
#25
Isophorone
Concen: 32.942 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 475852

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

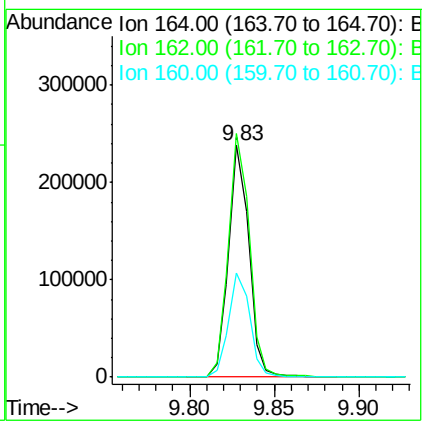


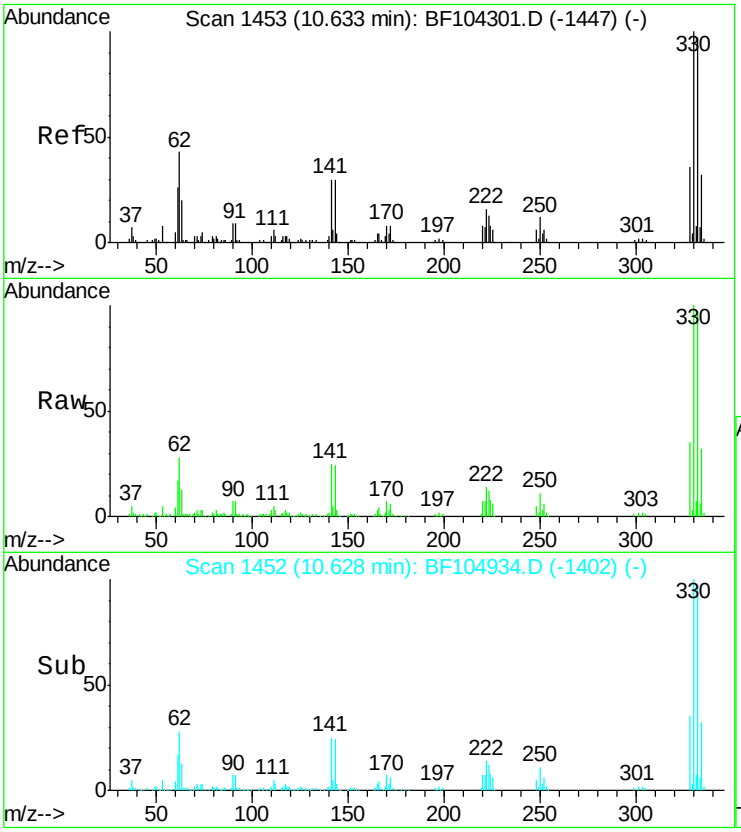


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion:164 Resp: 200499

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.0	38.3	57.5



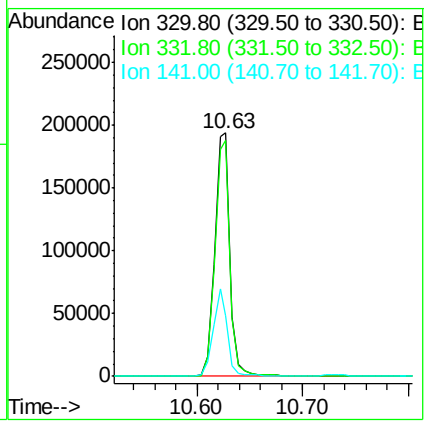


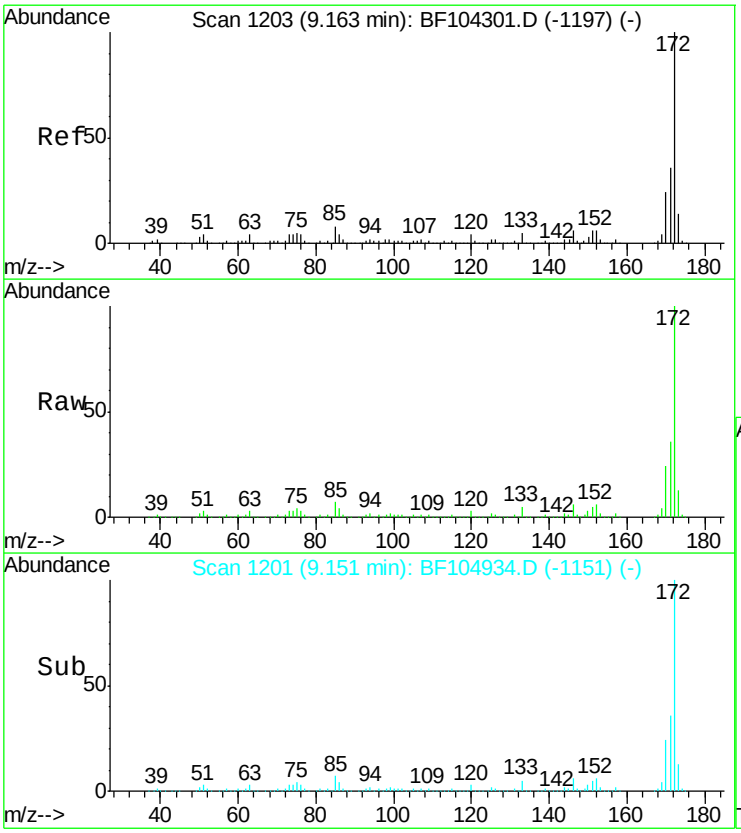
#41
2,4,6-Tribromophenol
Concen: 95.812 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 199272

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.1	29.9	44.9

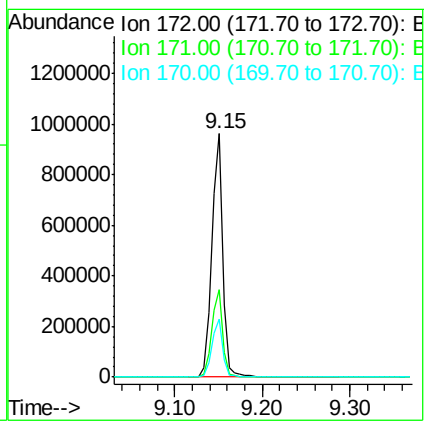


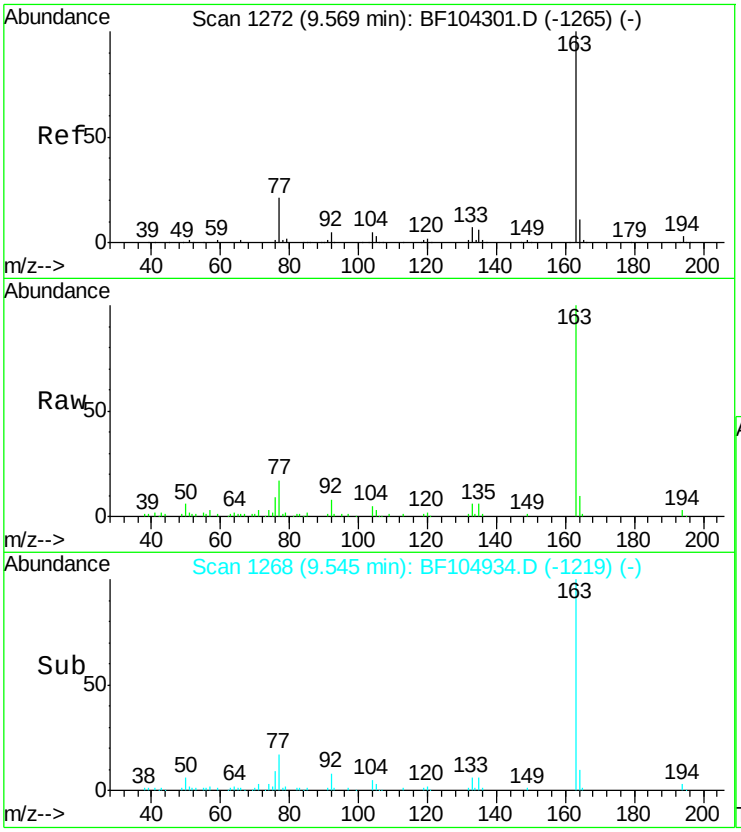


#44
2-Fluorobiphenyl
Concen: 65.930 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion:172 Resp: 836768

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4



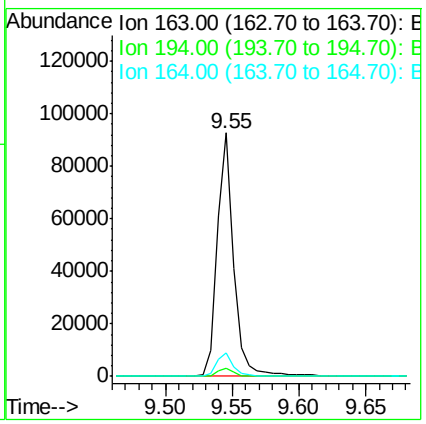


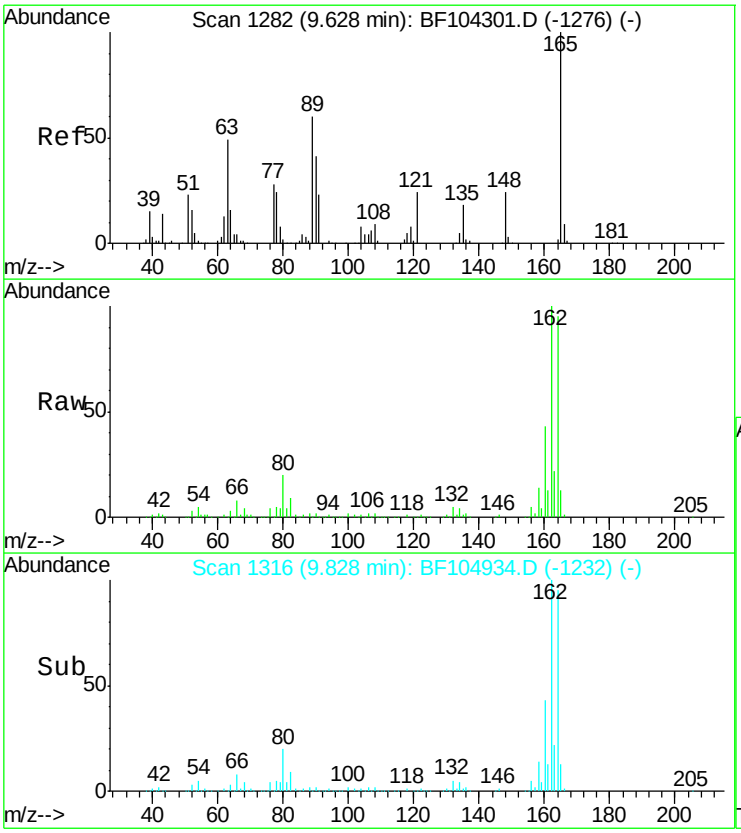
#49
Dimethylphthalate
Concen: 5.122 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 80979

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

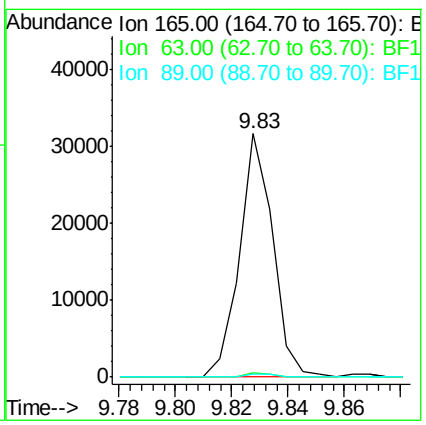


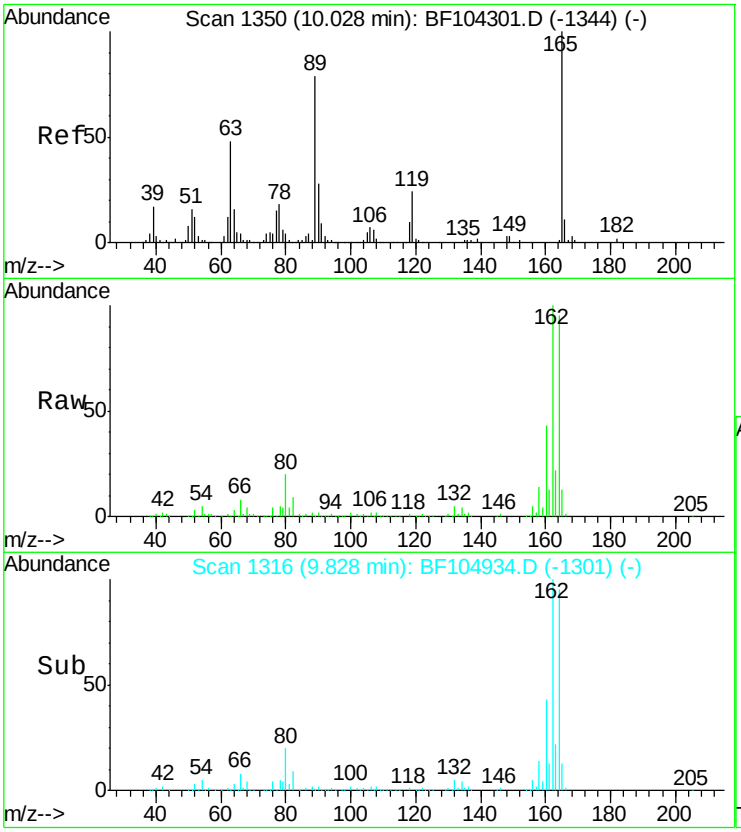


#50
2,6-Dinitrotoluene
Concen: 8.865 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion:165 Resp: 25937

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.2	44.0	66.0#



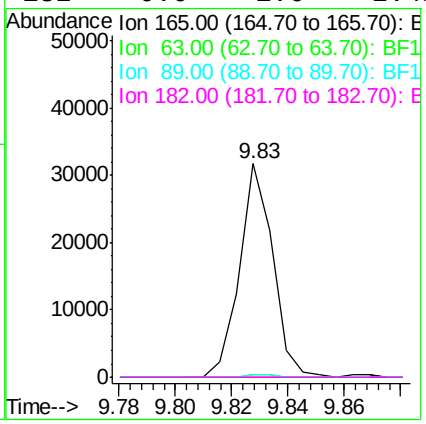


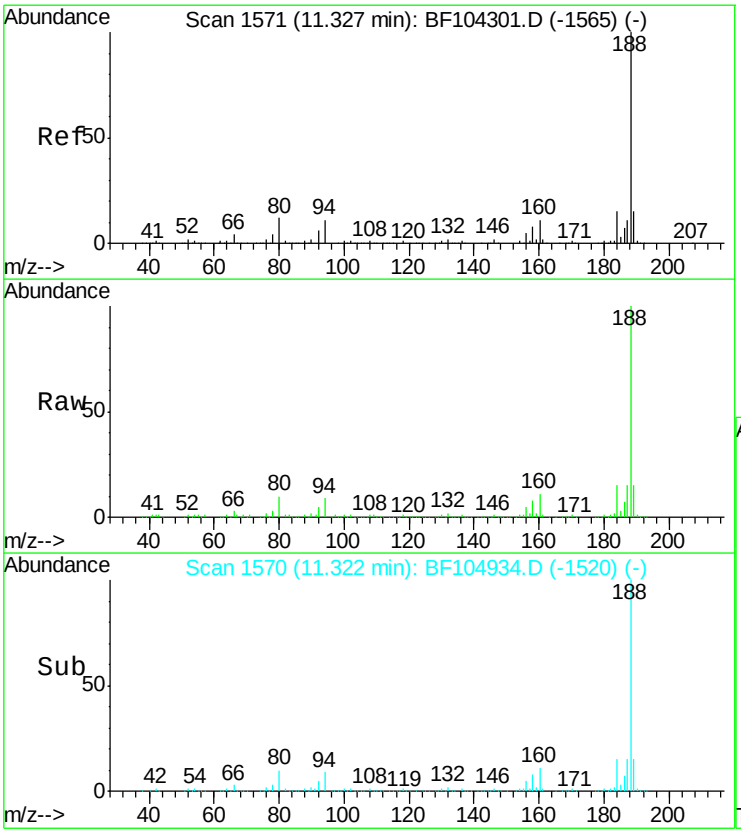
#56
2,4-Dinitrotoluene
Concen: 6.759 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25937

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

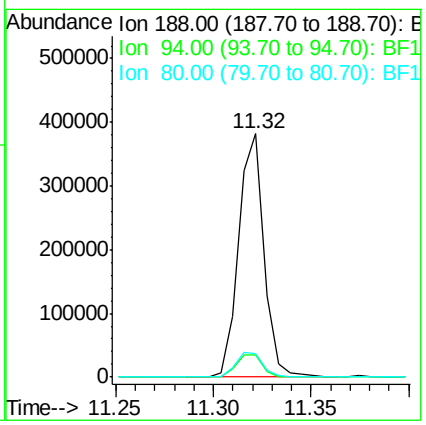


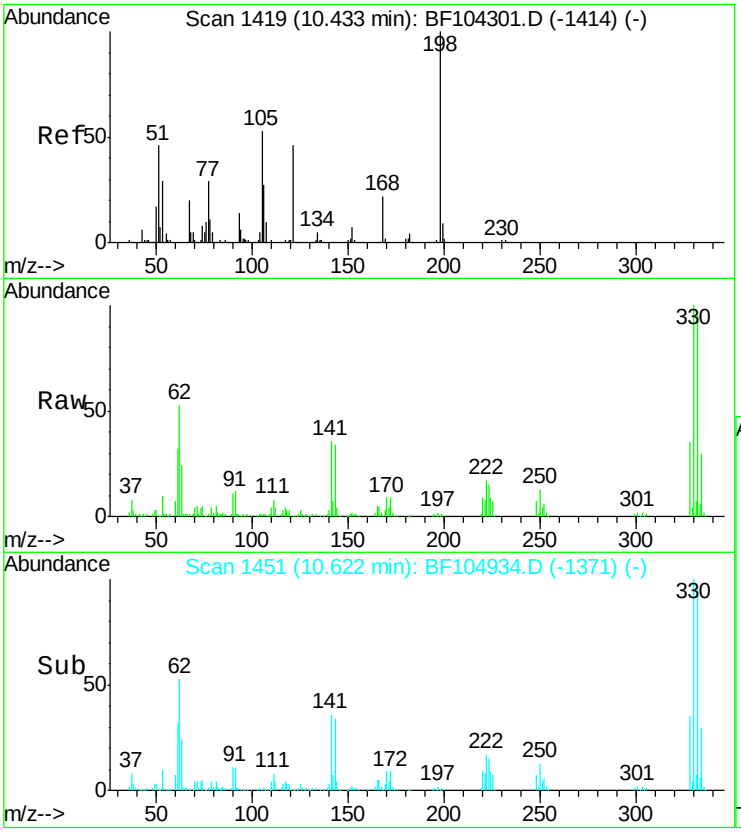


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion:188 Resp: 344249

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8



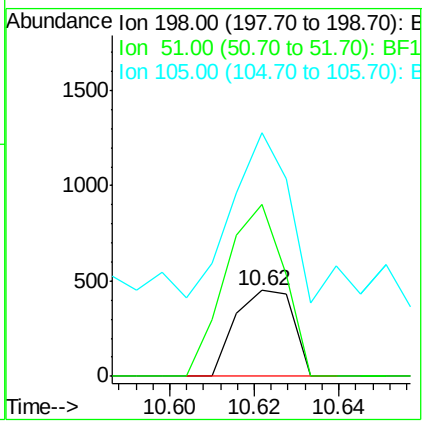


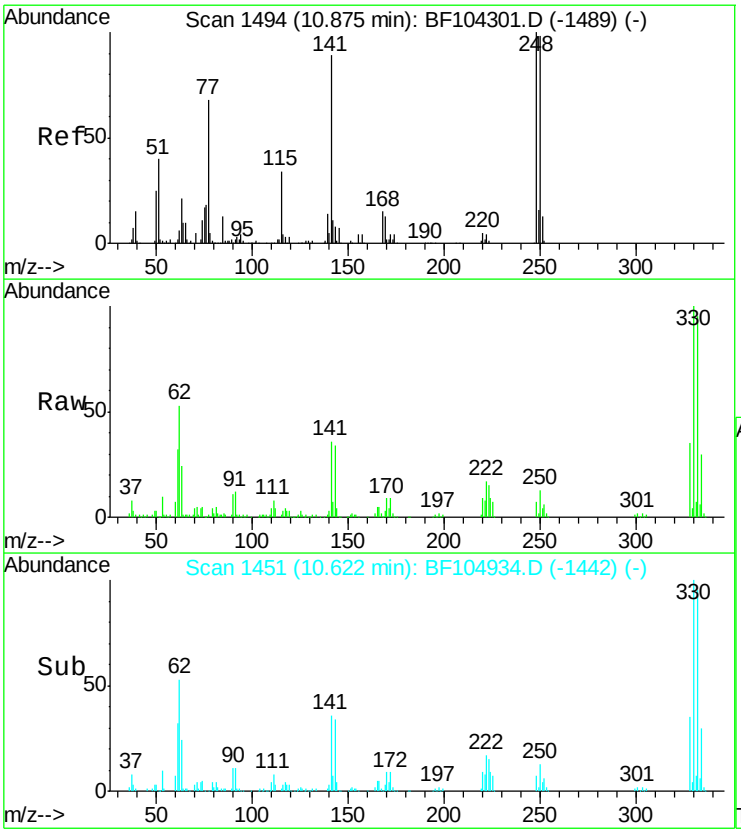
#64
4,6-Dinitro-2-methylphenol
Concen: 7.563 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 427

Ion	Ratio	Lower	Upper
198	100		
51	201.1	37.7	77.7#
105	284.4	36.3	76.3#

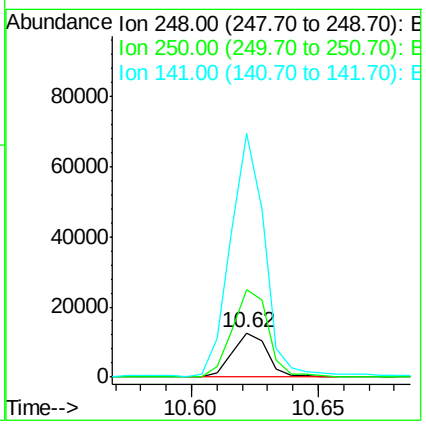


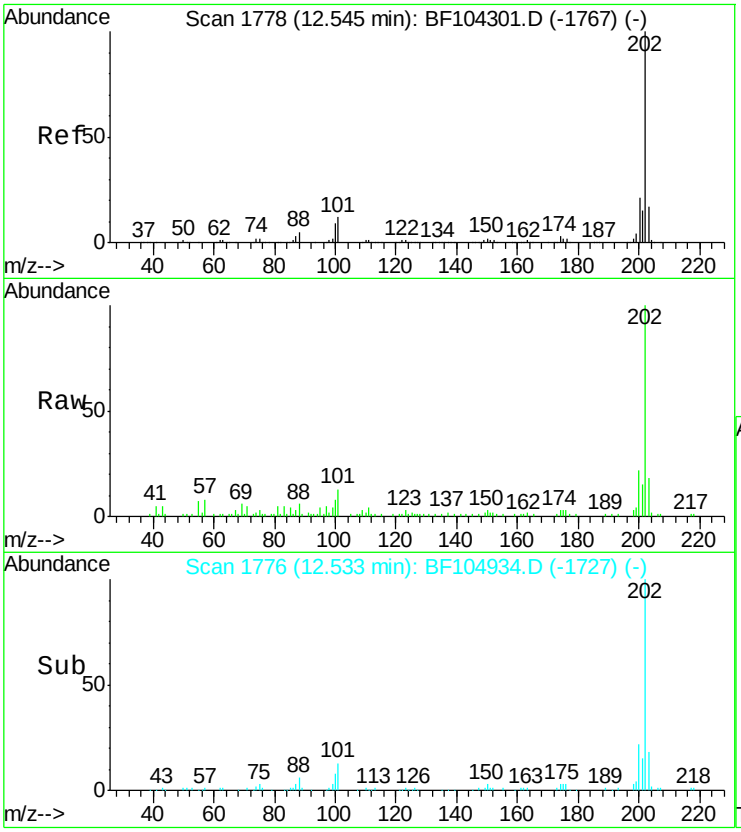


#66
4-Bromophenyl-phenylether
Concen: 3.301 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion:248 Resp: 12086

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.9	115.3#
141	551.8	74.4	111.6#



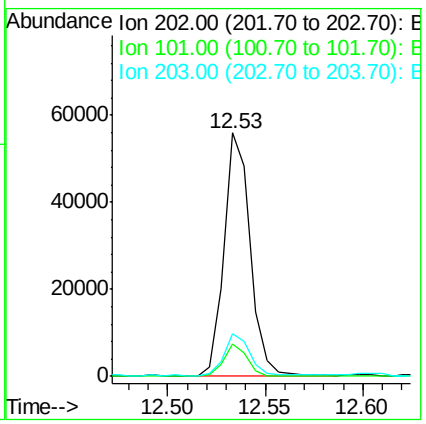


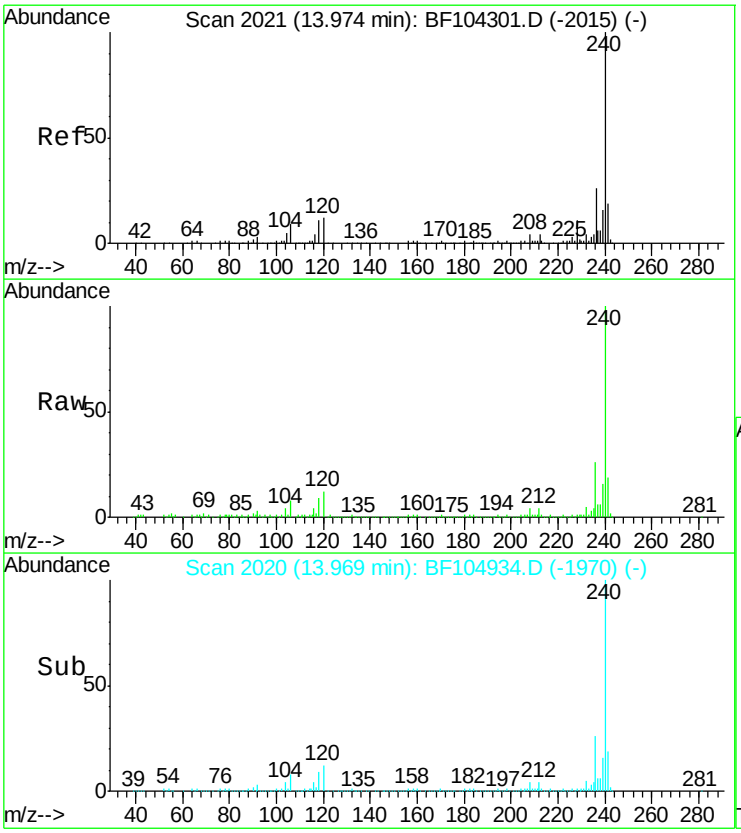
#74
Fluoranthene
Concen: 2.605 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52188

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.7	0.0	38.1

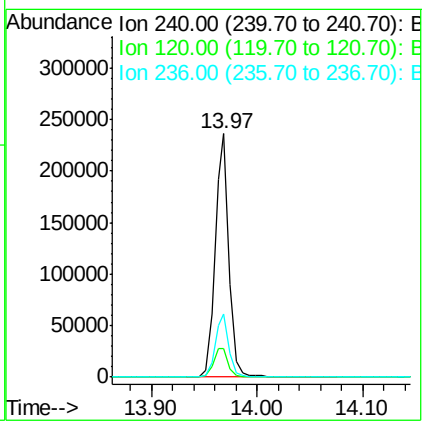


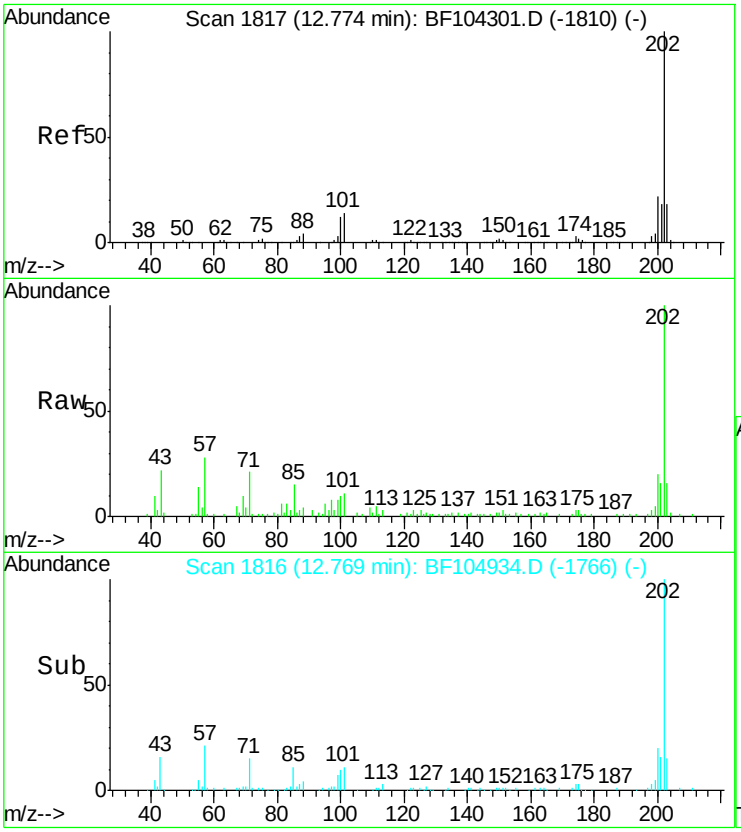


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion:240 Resp: 217336

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.8	20.7	31.1



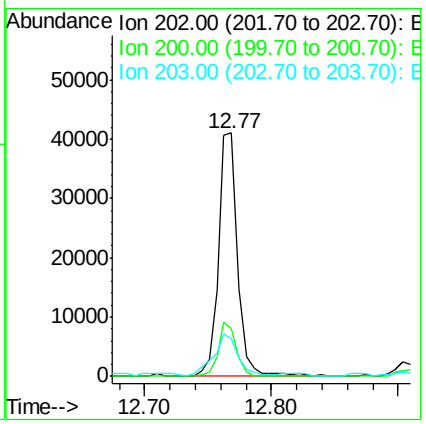


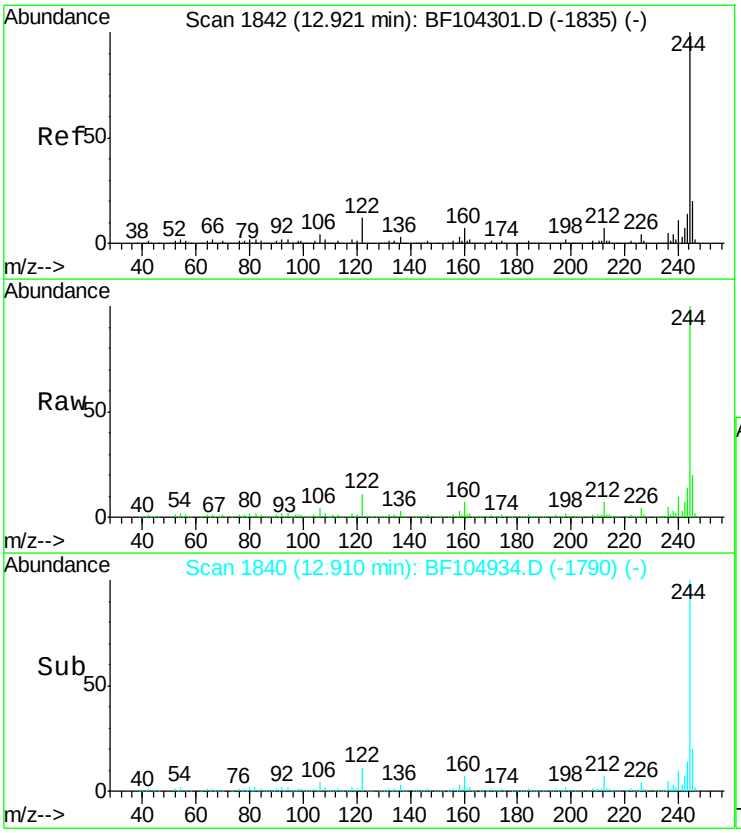
#77
Pyrene
Concen: 2.689 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 43317

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	15.6	14.3	21.5

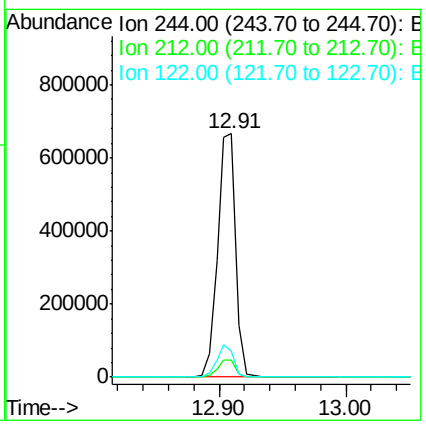


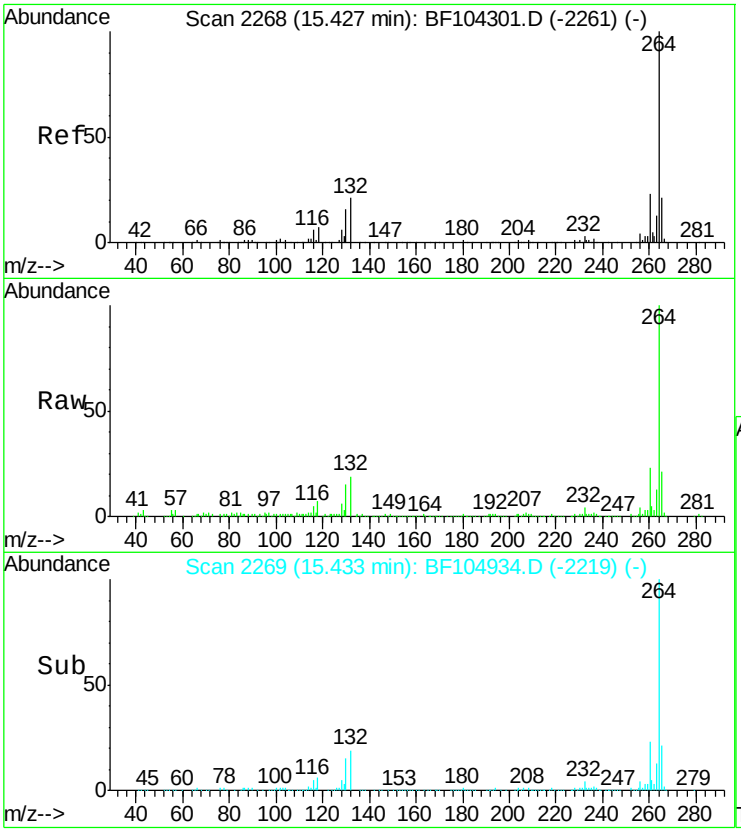


#78
Terphenyl-d14
Concen: 69.320 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion:244 Resp: 660830

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.7	11.0	16.4#



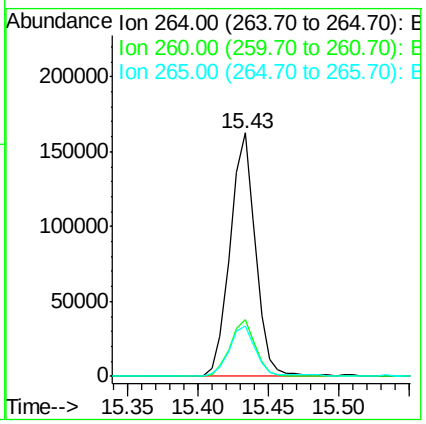


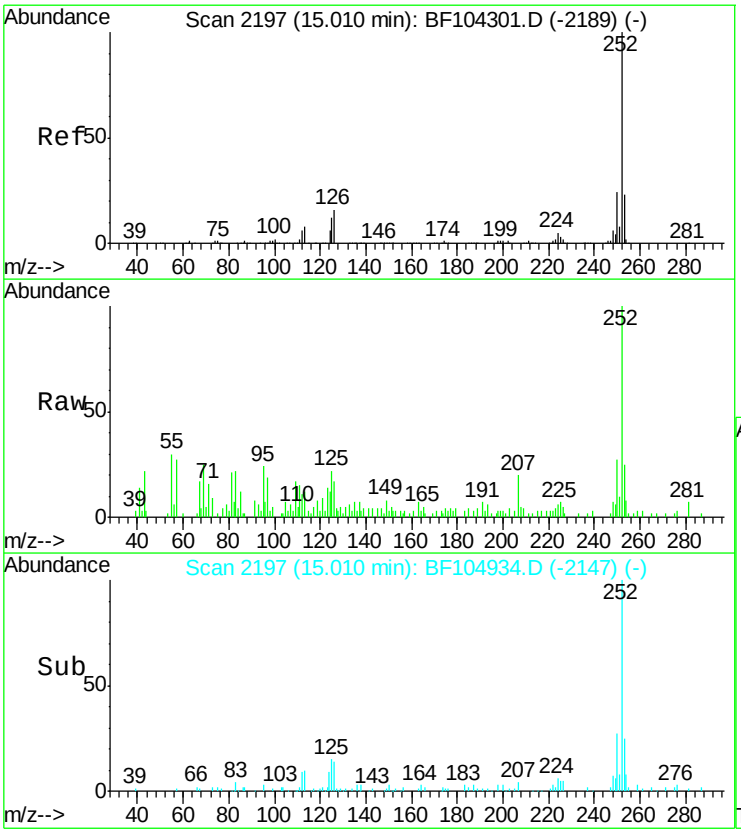
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 203850

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.8	17.5	26.3

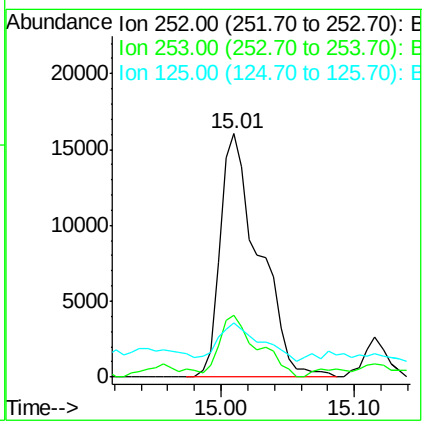


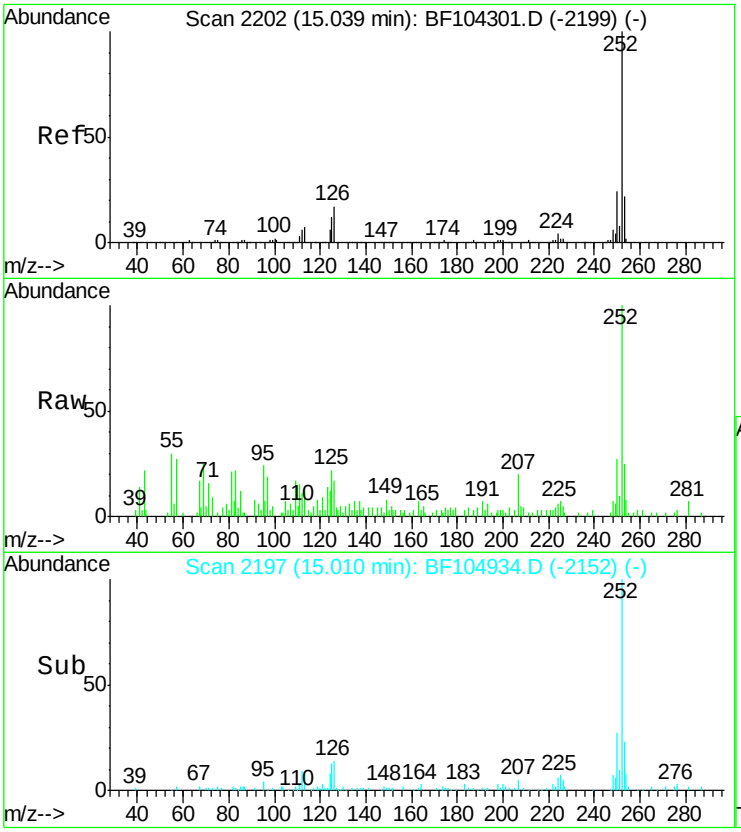


#87
Benzo(b)fluoranthene
Concen: 2.530 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Tgt Ion:252 Resp: 32567

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	22.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.679 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF104934.D
Acq: 30 Apr 2018 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 32567

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	22.2	10.2	15.2#