Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104021.D
Acq On : 28 Mar 2018 20:16
Operator : JU/SJ
Sample : J2086-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 01:52:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	123540	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	494328	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	186529	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	187385	20.00	ng	0.02
75) Chrysene-d12	14.16	240	232156	20.00	ng	0.00
86) Perylene-d12	15.70	264	198774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	825904	106.61	ng	0.00
7) Phenol-d6	6.60	99	1048982	110.06	ng	0.00
23) Nitrobenzene-d5	7.53	82	597701	73.94	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	172608	83.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	991680	83.84	ng	0.00
78) Terphenyl-d14	13.09	244	636965	63.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	2456	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	75692	13.382	ng	# 73
25) Isophorone	7.53	82	597701	40.124	ng	# 64
49) Dimethylphthalate	9.71	163	97956	6.651	ng	# 87
53) 2,4-Dinitrophenol	10.22	184	370	5.821	ng	# 1
61) 4-Nitroaniline	10.46	138	23446	6.880	ng	83
68) Atrazine	11.20	200	4275	2.199	ng	# 1
70) Phenanthrene	11.55	178	24273	2.393	ng	# 33
73) Di-n-butylphthalate	12.06	149	31928	2.650	ng	# 49
74) Fluoranthene	12.73	202	44206	4.099	ng	87
77) Pyrene	12.96	202	40140	2.405	ng	# 87
87) Benzo(b)fluoranthene	15.24	252	31517	2.605	ng	# 66
88) Benzo(k)fluoranthene	15.24	252	31517	2.766	ng	# 69

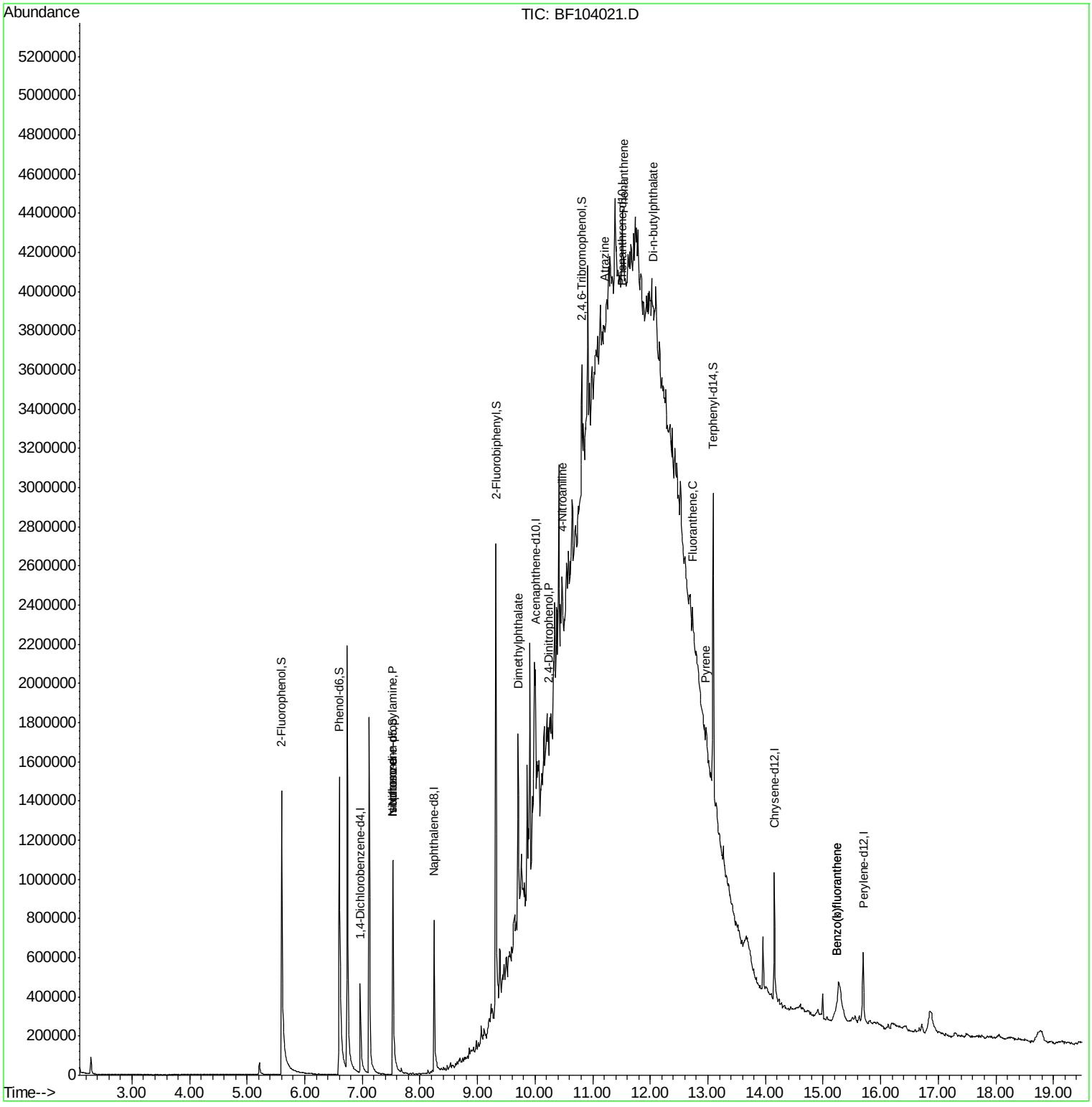
(#) = qualifier out of range (m) = manual integration (+) = signals summed

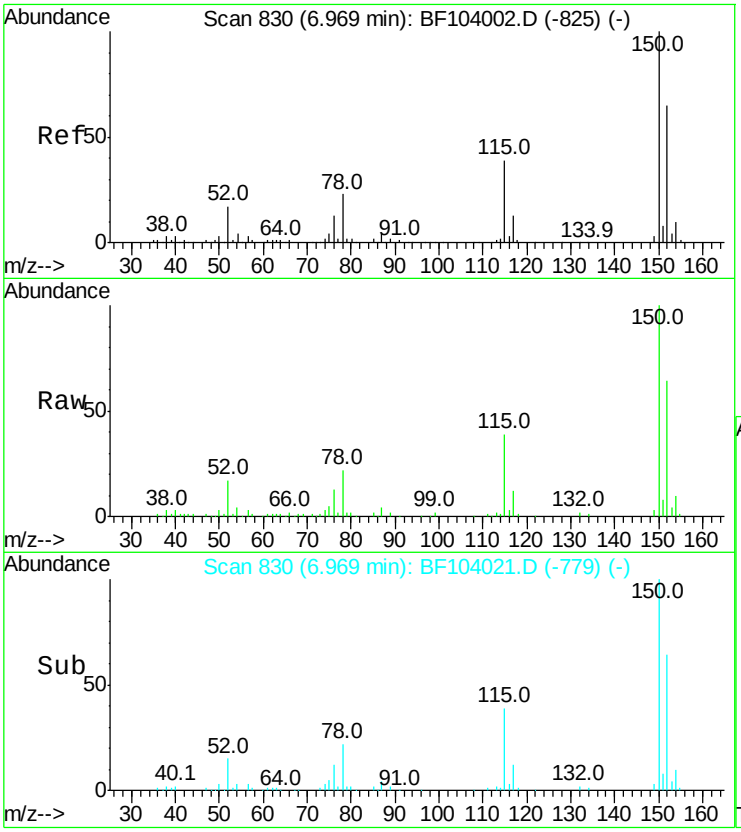
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104021.D
Acq On : 28 Mar 2018 20:16
Operator : JU/SJ
Sample : J2086-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 01:52:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration



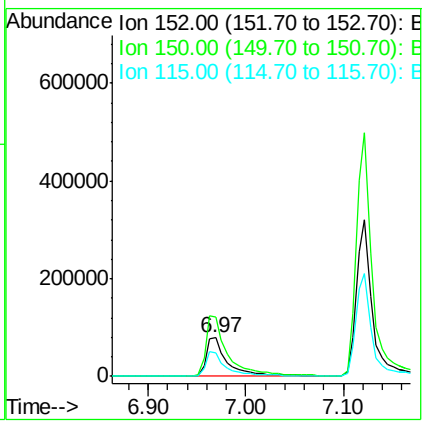


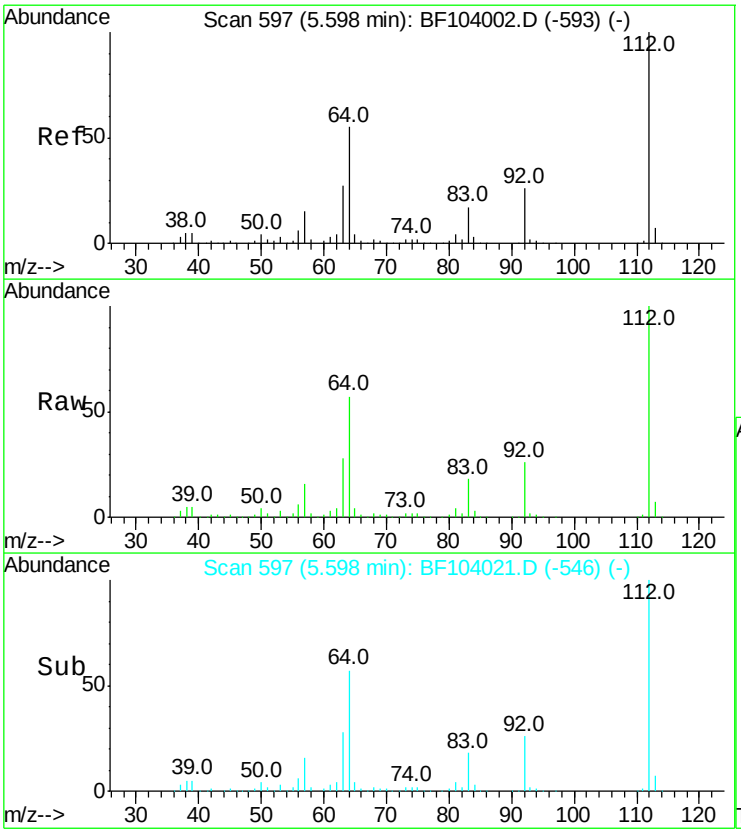
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123540

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	60.1	50.1	75.1

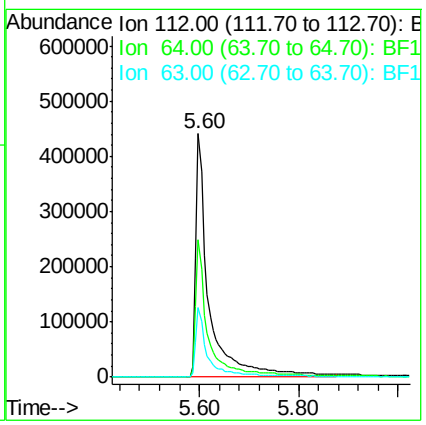


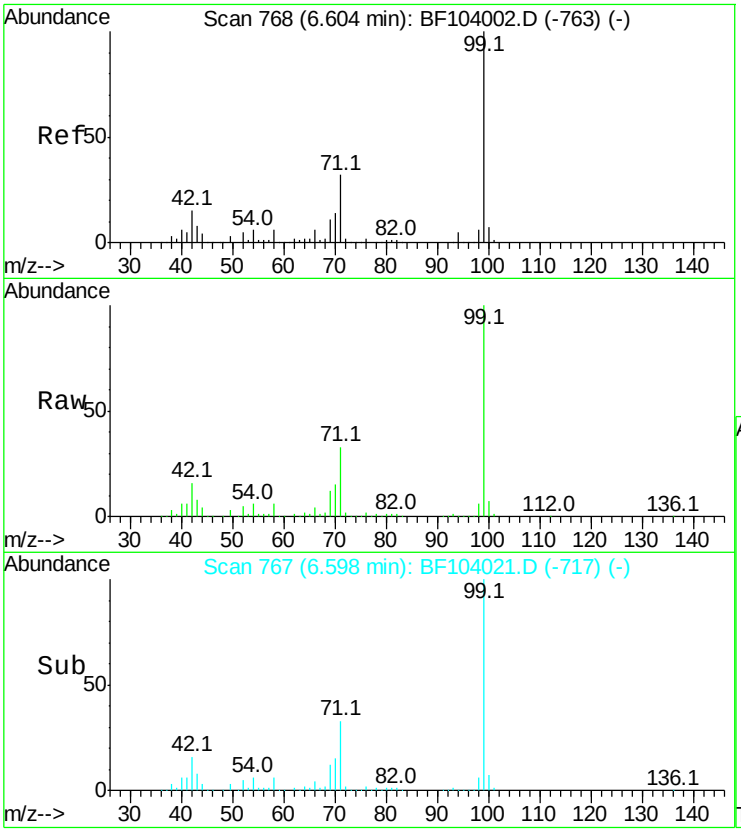


#5
2-Fluorophenol
Concen: 106.614 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:112 Resp: 825904

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.3	23.7	35.5



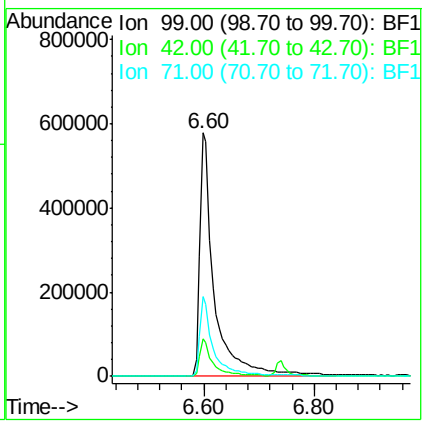


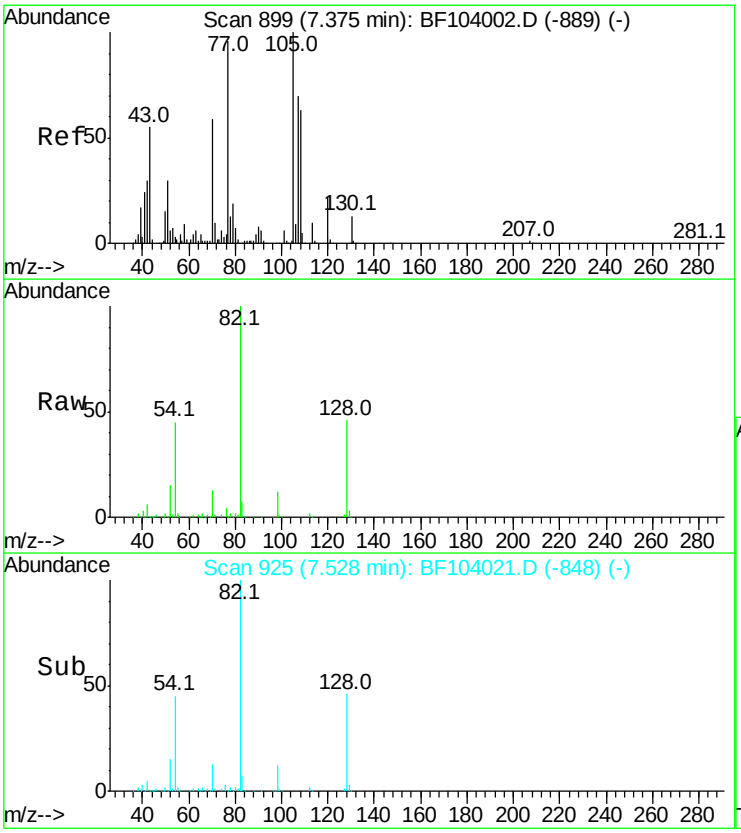
#7
Phenol-d6
Concen: 110.063 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1048982

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	32.8	25.4	38.0

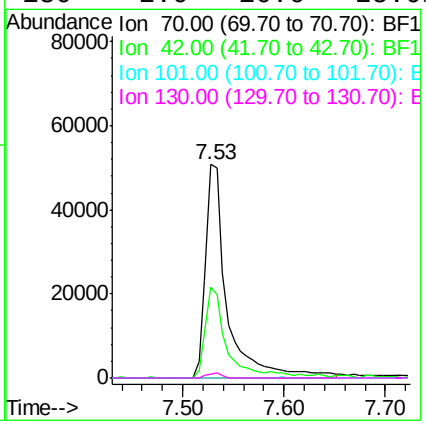


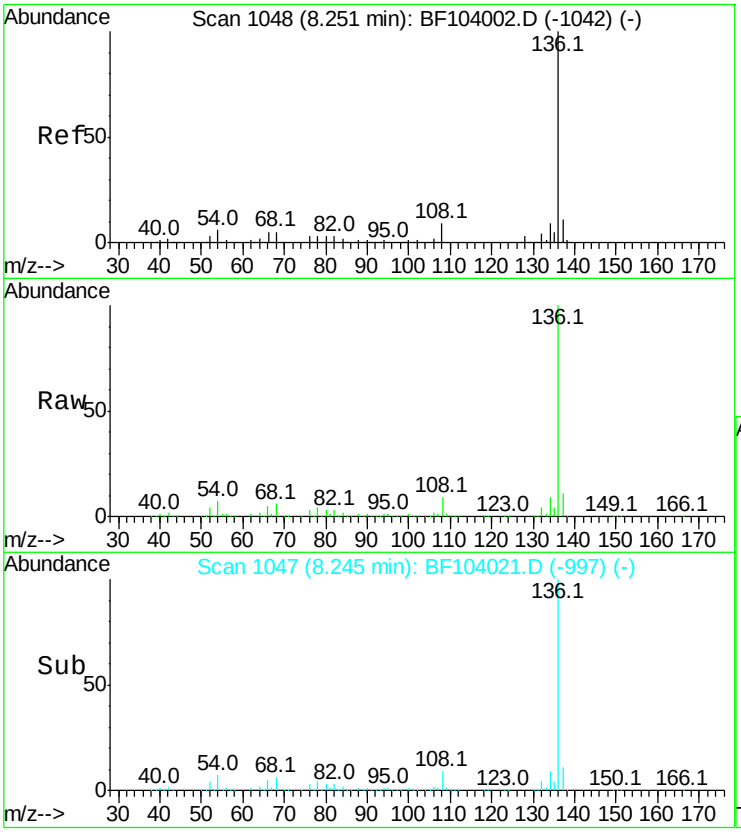


#19
n-Nitroso-di-n-propylamine
Concen: 13.382 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion: 70 Resp: 75692

Ion	Ratio	Lower	Upper
70	100		
42	42.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



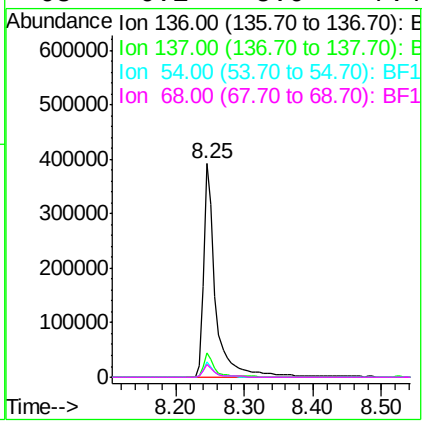


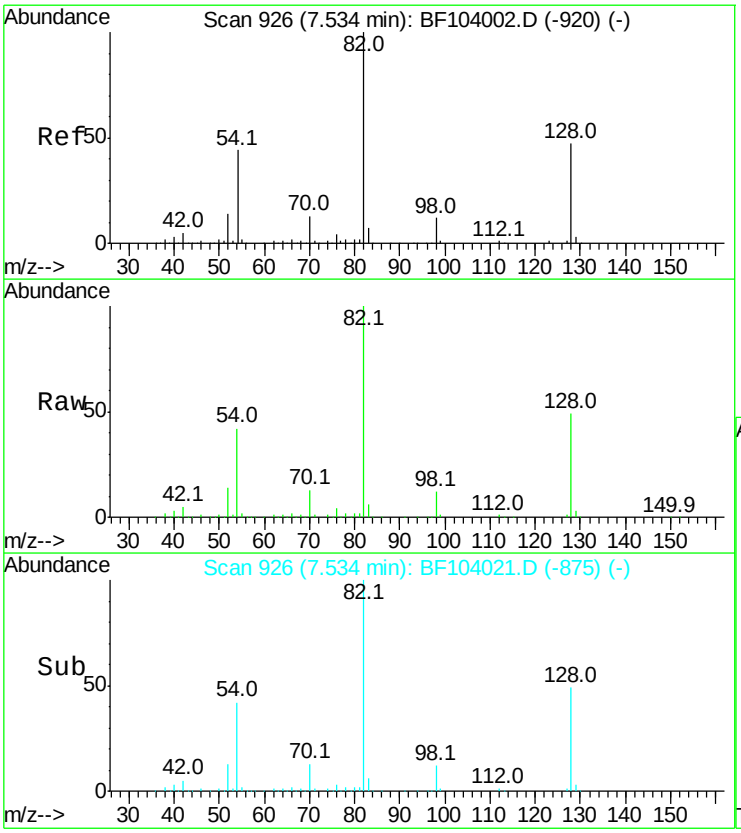
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 494328

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	6.1	5.0	7.4

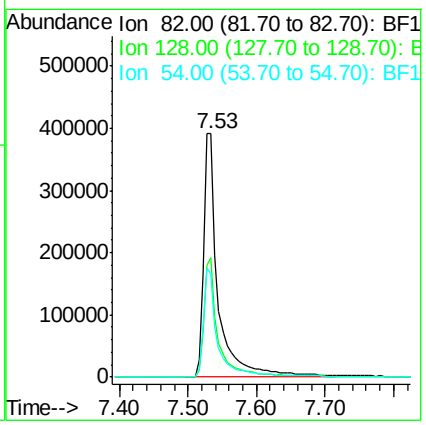


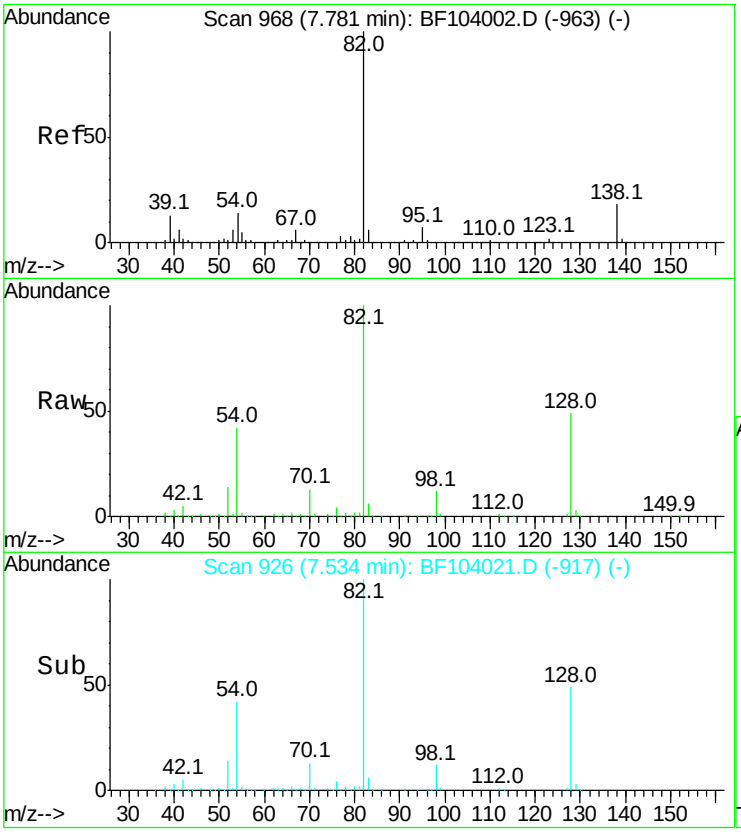


#23
Nitrobenzene-d5
Concen: 73.944 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion: 82 Resp: 597701

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	42.3	41.4	62.2



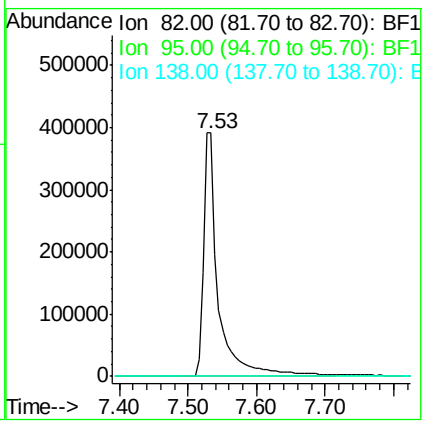


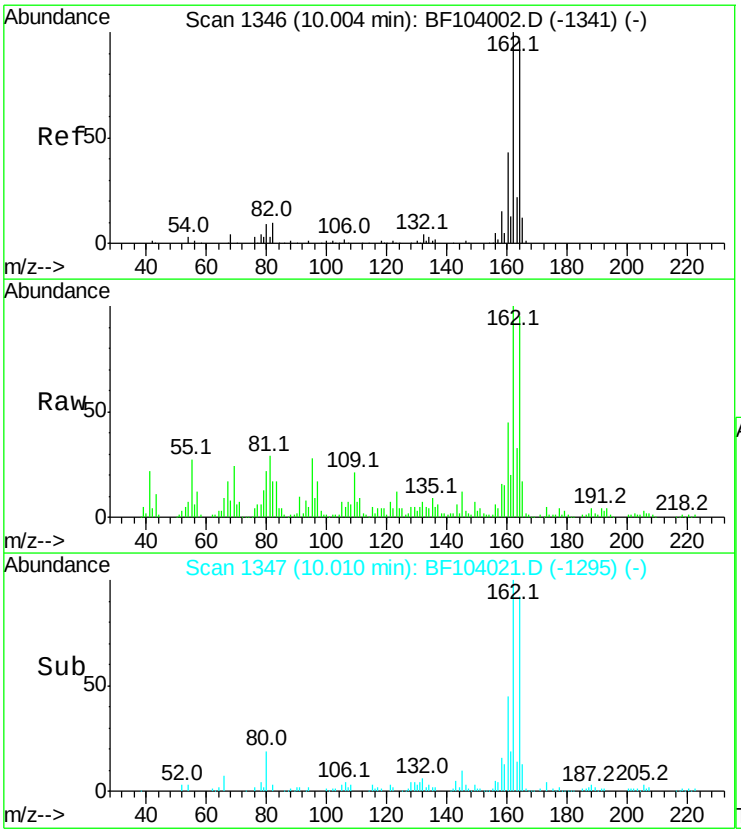
#25
Isophorone
Concen: 40.124 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 597701

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

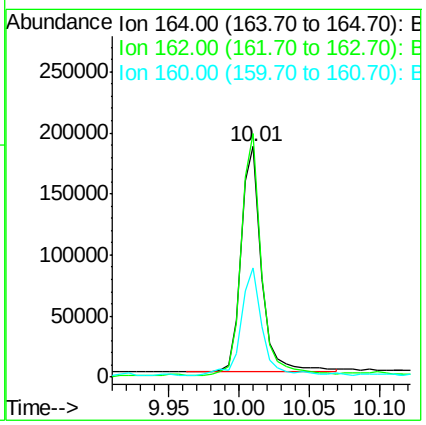


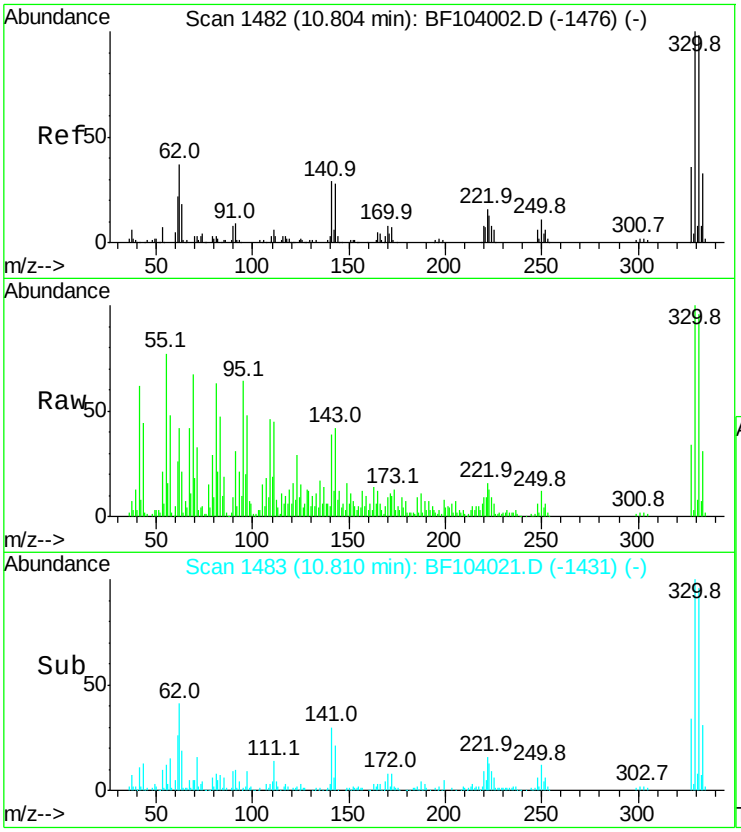


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:164 Resp: 186529

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	47.6	38.3	57.5



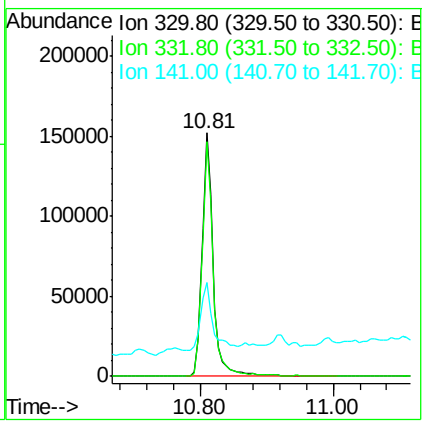


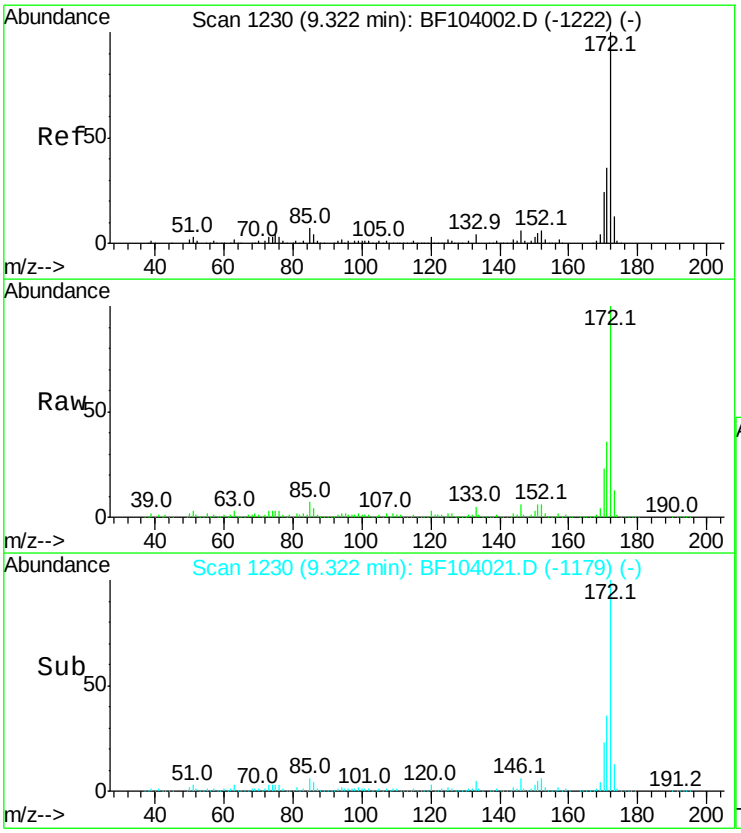
#41
2,4,6-Tribromophenol
Concen: 83.104 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 172608

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	30.2	29.9	44.9

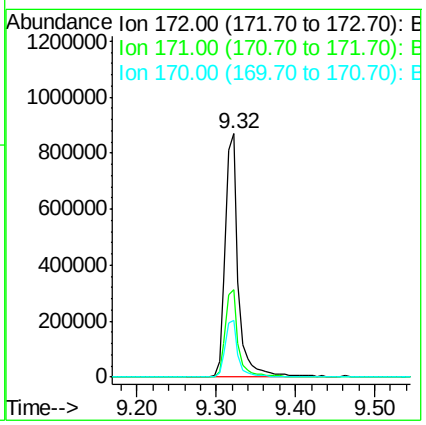


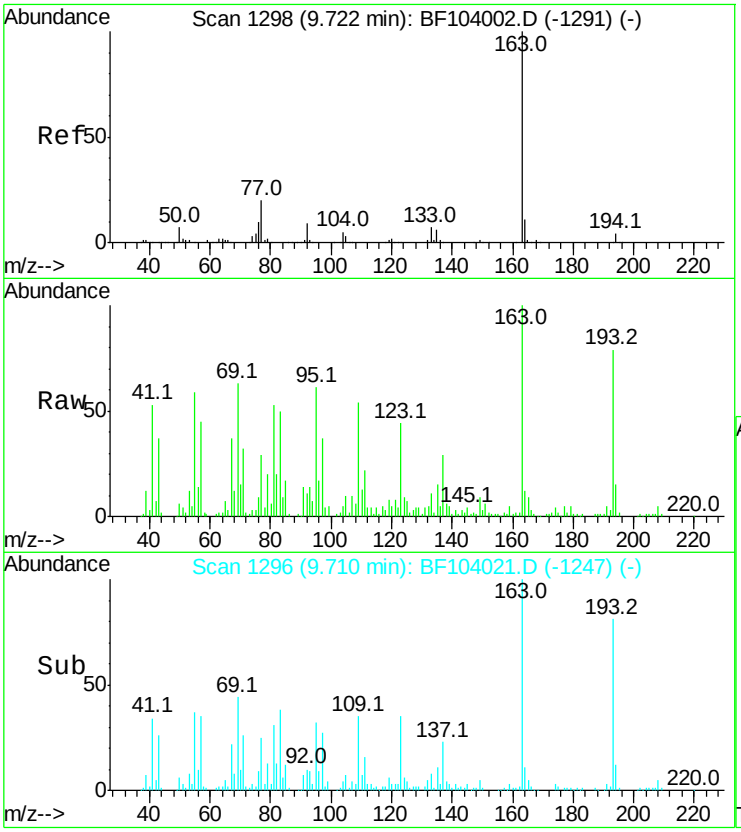


#44
2-Fluorobiphenyl
Concen: 83.837 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:172 Resp: 991680

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.4	19.6	29.4



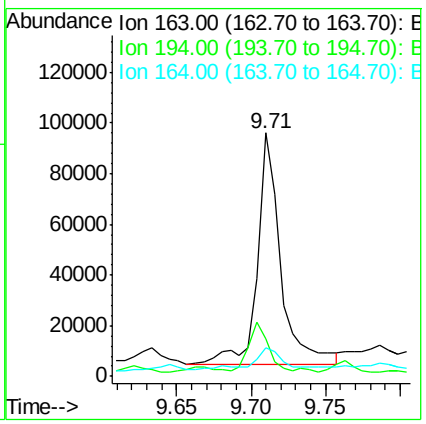


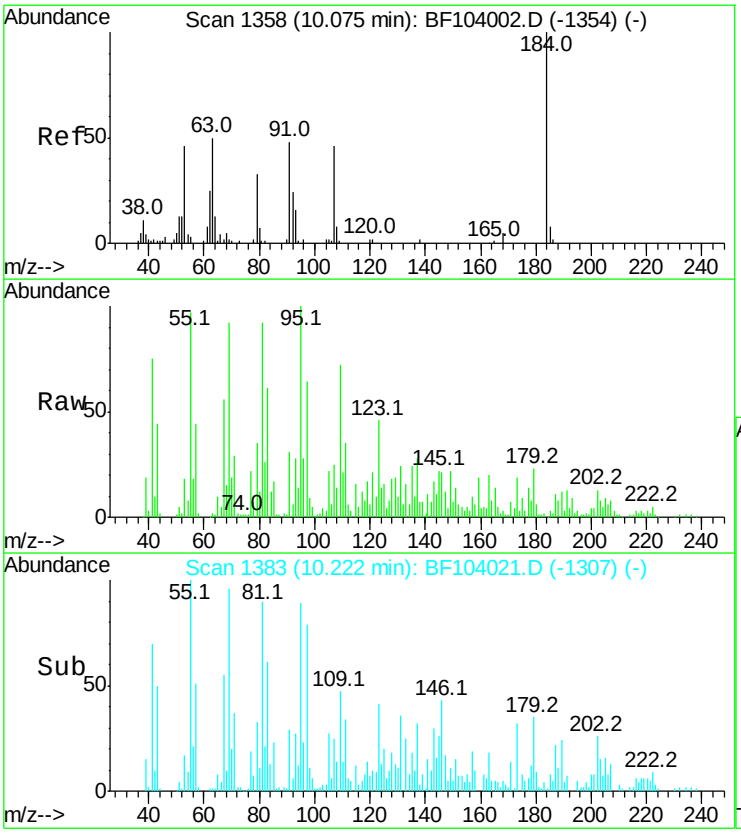
#49
Dimethylphthalate
Concen: 6.651 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 97956

Ion	Ratio	Lower	Upper
163	100		
194	15.3	2.7	4.1#
164	11.9	8.2	12.2

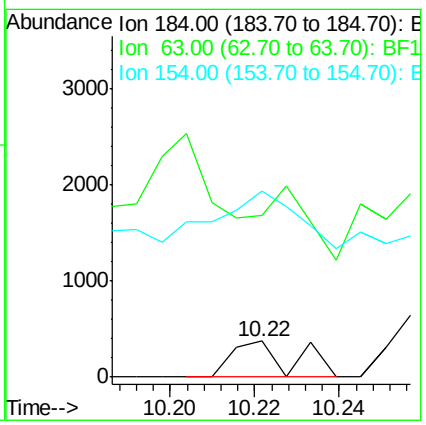


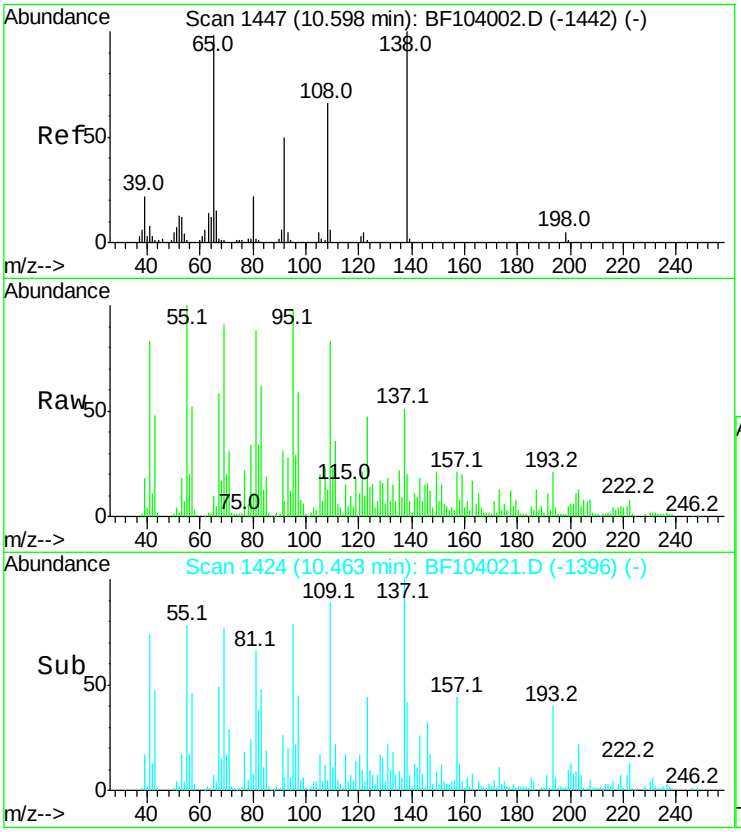


#53
2,4-Dinitrophenol
Concen: 5.821 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.15 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:184 Resp: 370

Ion	Ratio	Lower	Upper
184	100		
63	451.5	54.2	81.2#
154	520.4	184.0	276.0#



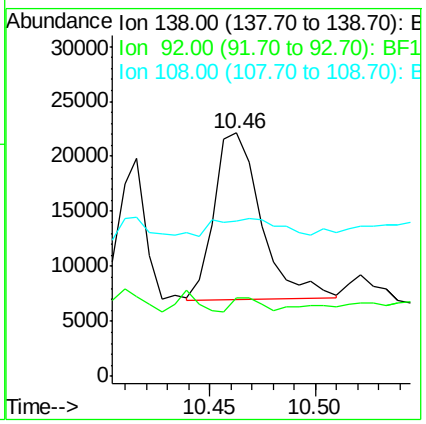


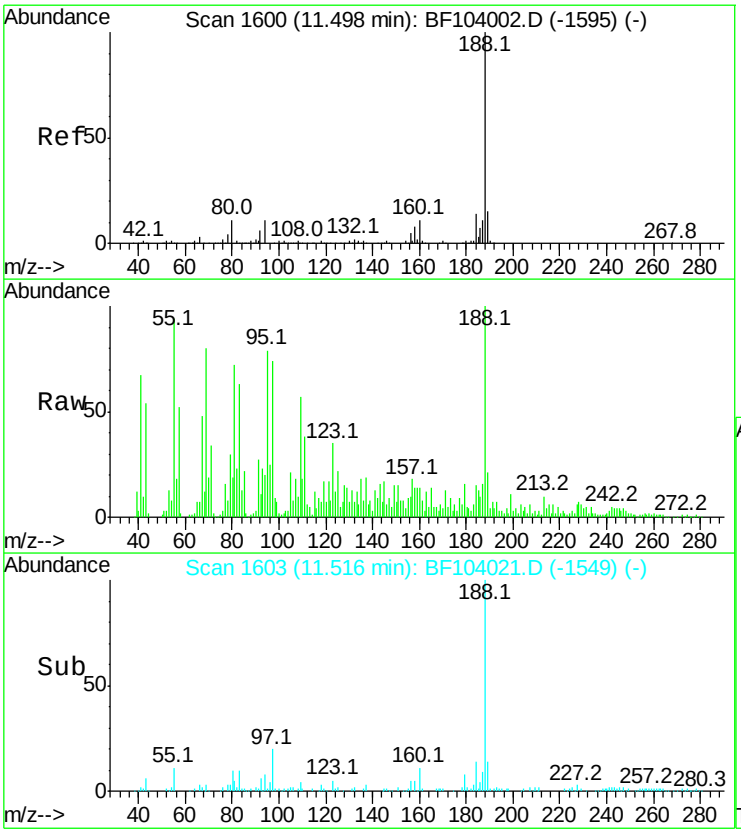
#61
4-Nitroaniline
Concen: 6.880 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.14 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 23446

Ion	Ratio	Lower	Upper
138	100		
92	32.1	30.2	70.2
108	63.6	52.5	92.5

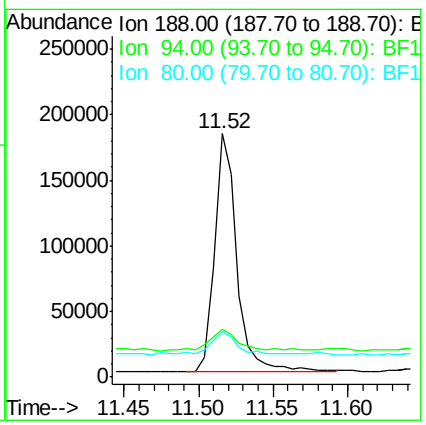


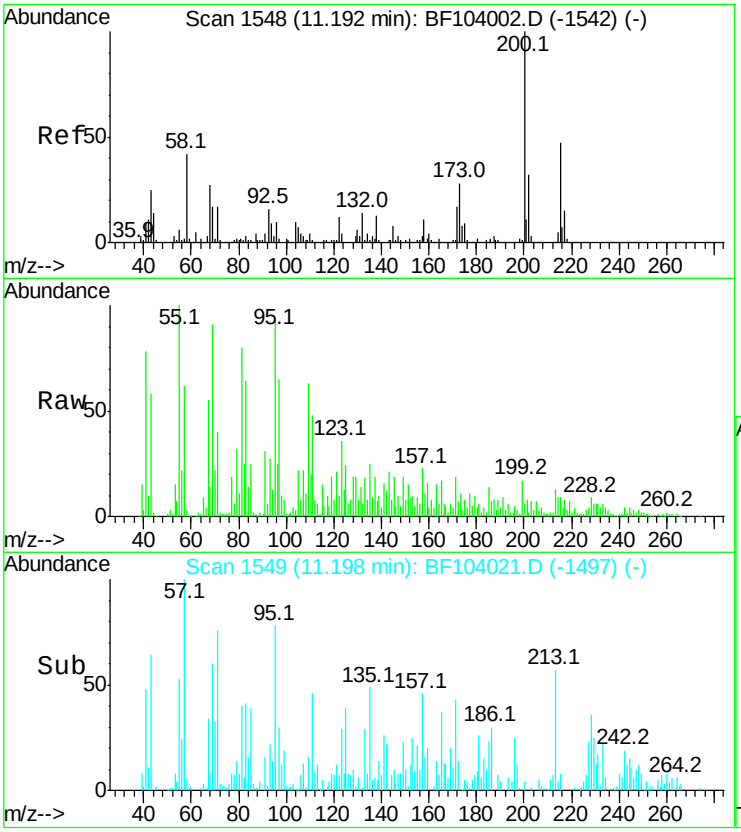


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.02 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:188 Resp: 187385

Ion	Ratio	Lower	Upper
188	100		
94	19.5	8.5	12.7#
80	18.8	9.2	13.8#



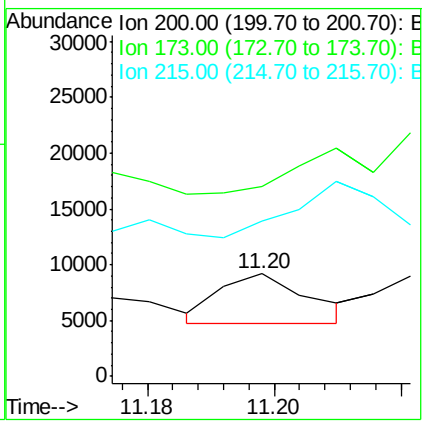


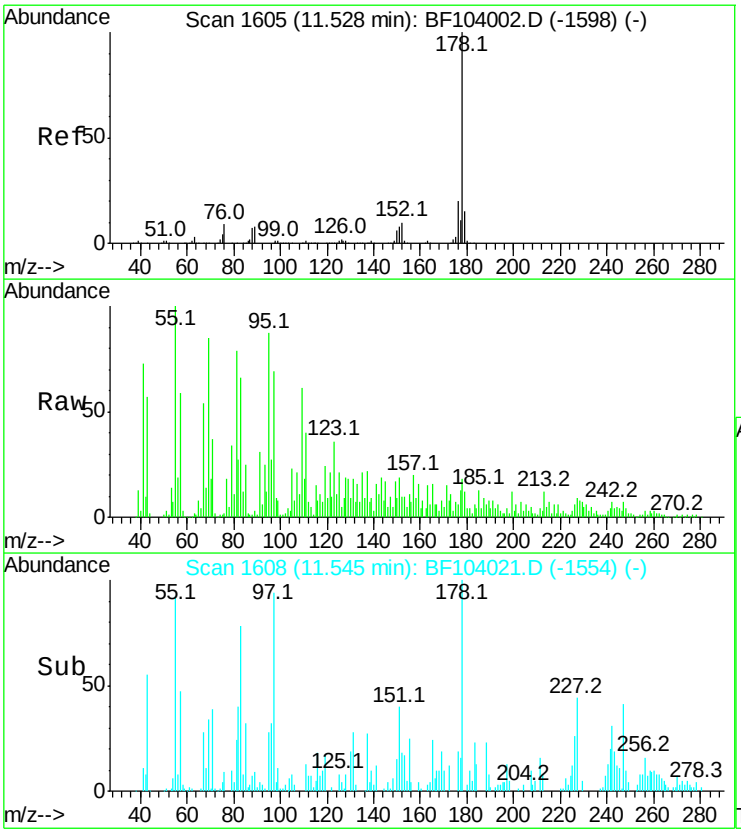
#68
Atrazine
Concen: 2.199 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 4275

Ion	Ratio	Lower	Upper
200	100		
173	185.3	8.6	48.6#
215	151.1	25.1	65.1#

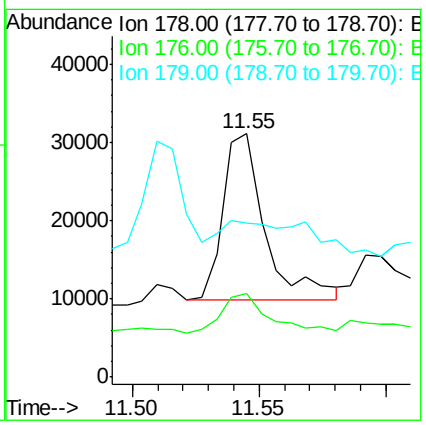


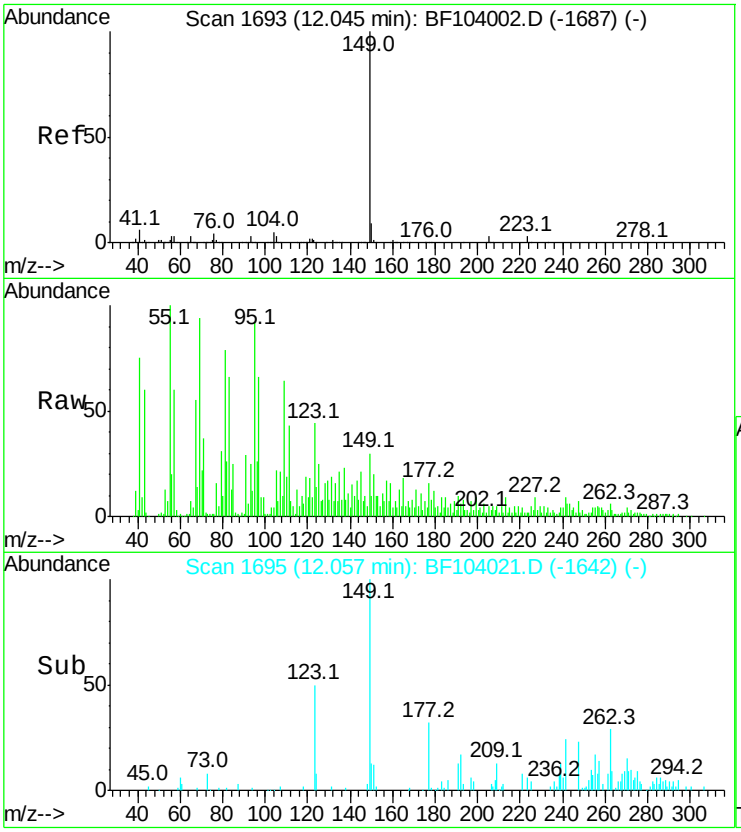


#70
Phenanthrene
Concen: 2.393 ng
RT: 11.55 min Scan# 1608
Delta R.T. 0.02 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:178 Resp: 24273

Ion	Ratio	Lower	Upper
178	100		
176	34.2	15.8	23.8#
179	63.4	13.0	19.6#



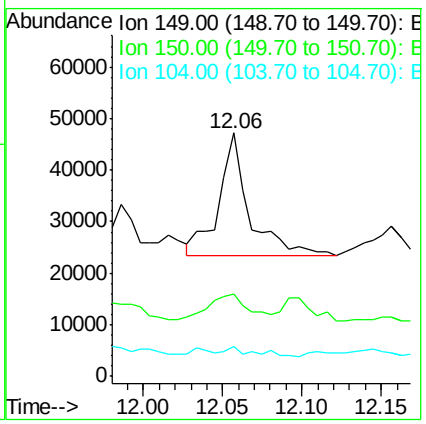


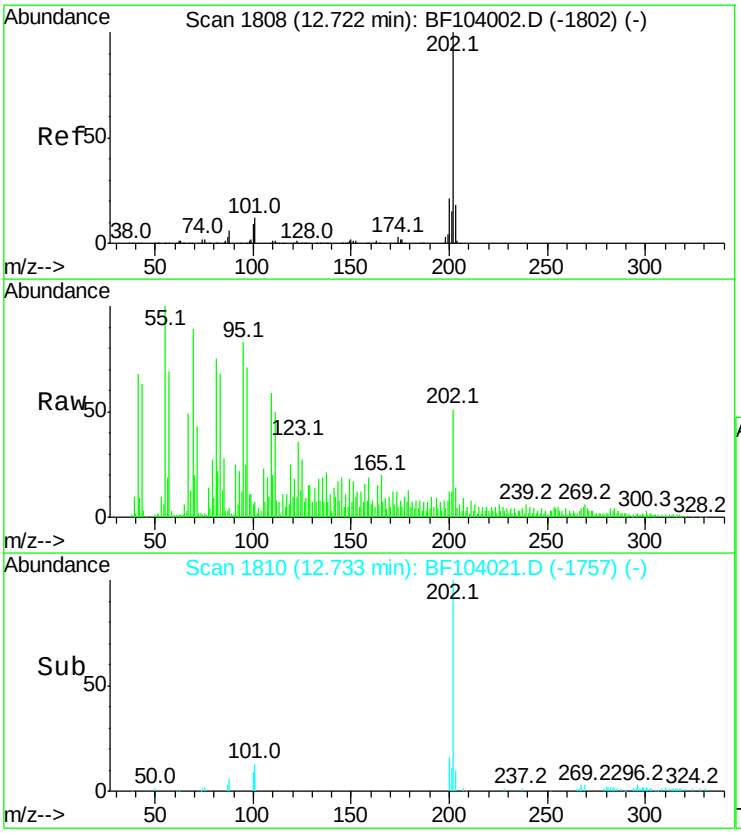
#73
Di-n-butylphthalate
Concen: 2.650 ng
RT: 12.06 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 31928

Ion	Ratio	Lower	Upper
149	100		
150	33.7	7.8	11.6#
104	12.0	3.8	5.8#

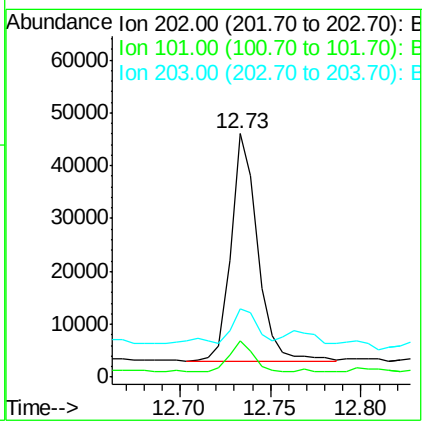


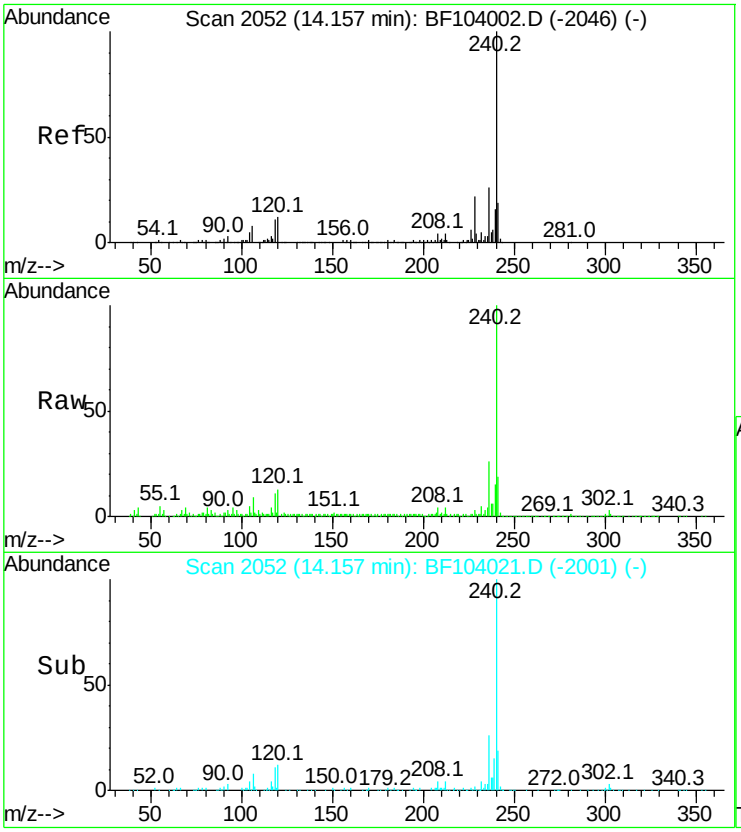


#74
Fluoranthene
Concen: 4.099 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:202 Resp: 44206

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	28.1	0.0	38.1



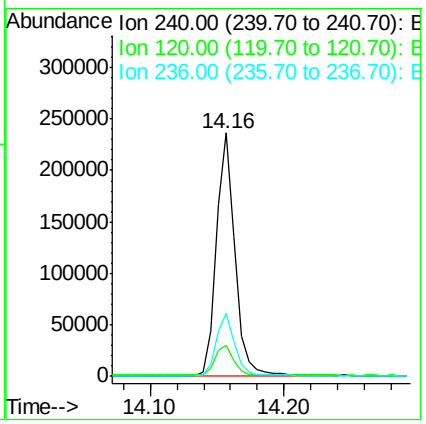


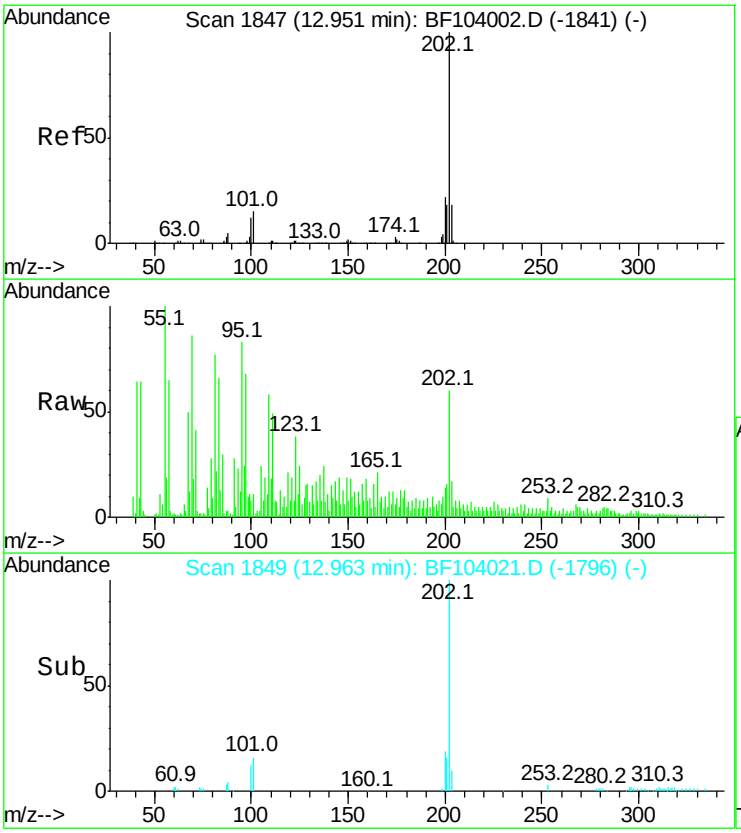
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 232156

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.8	20.7	31.1

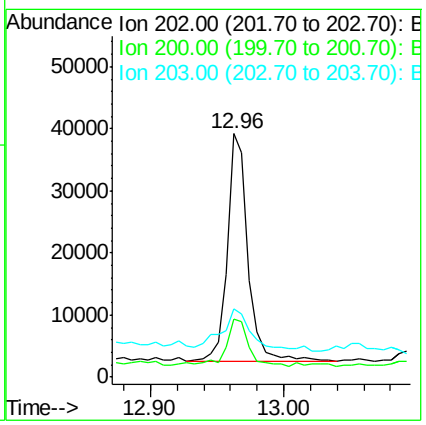


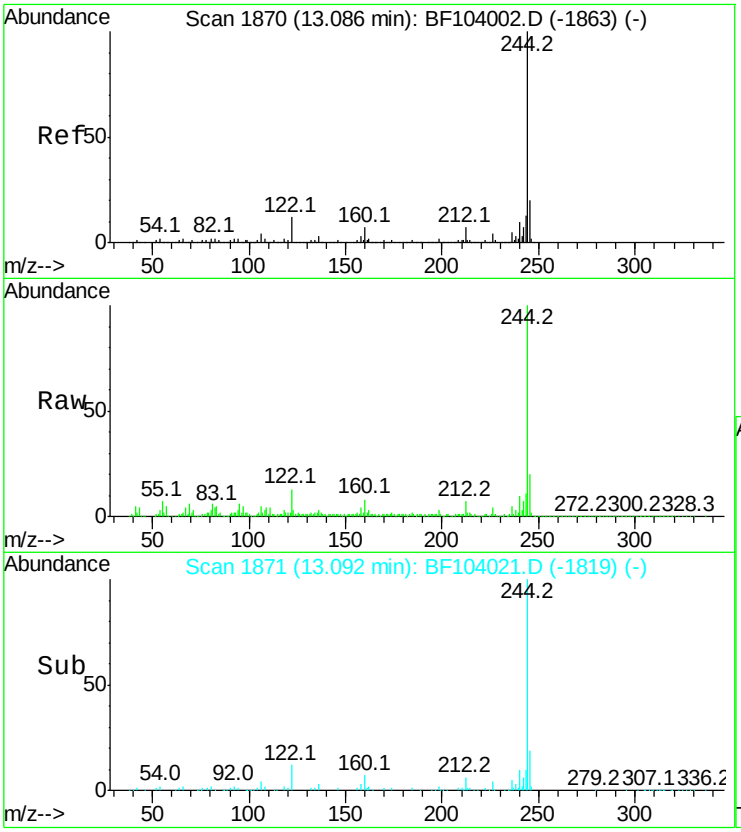


#77
Pyrene
Concen: 2.405 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:202 Resp: 40140

Ion	Ratio	Lower	Upper
202	100		
200	23.8	17.4	26.2
203	28.3	14.3	21.5#



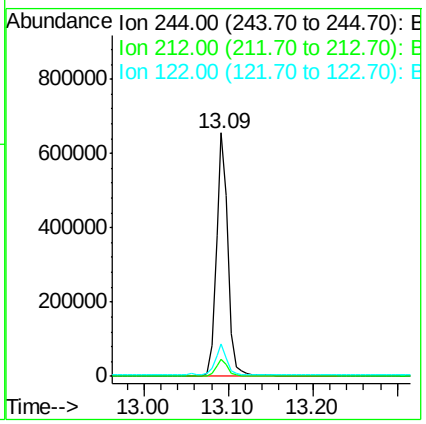


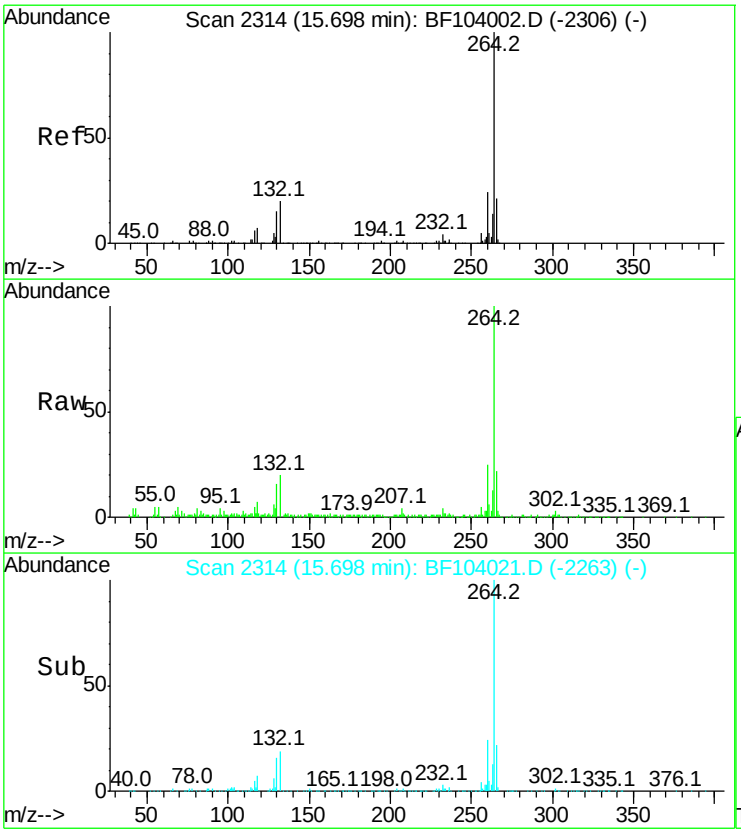
#78
Terphenyl-d14
Concen: 63.351 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 636965

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4

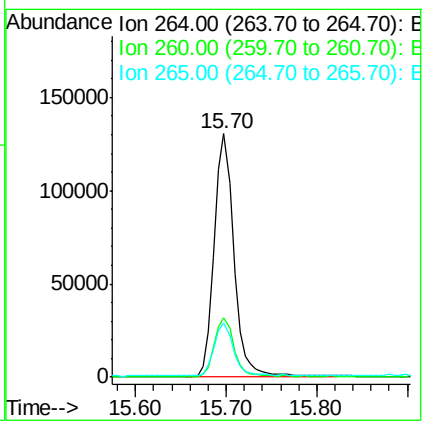


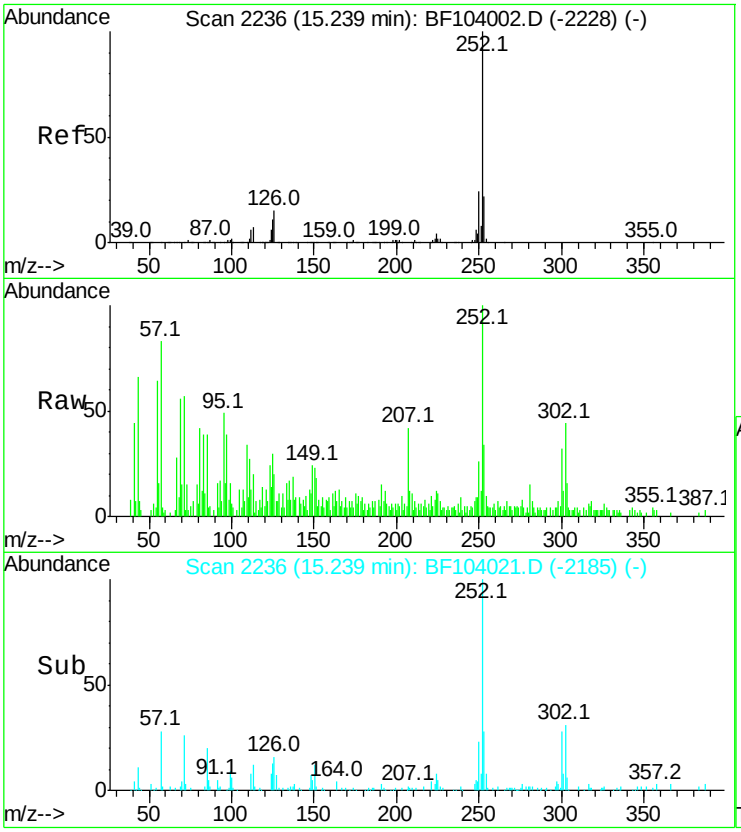


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:264 Resp: 198774

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	17.5	26.3



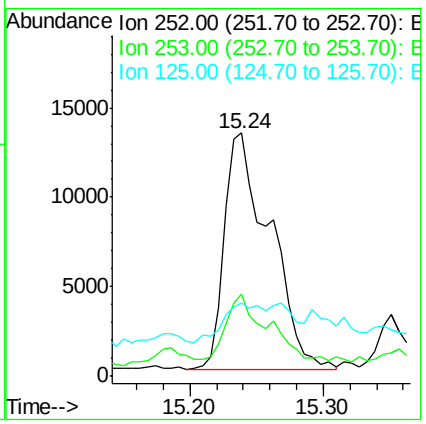


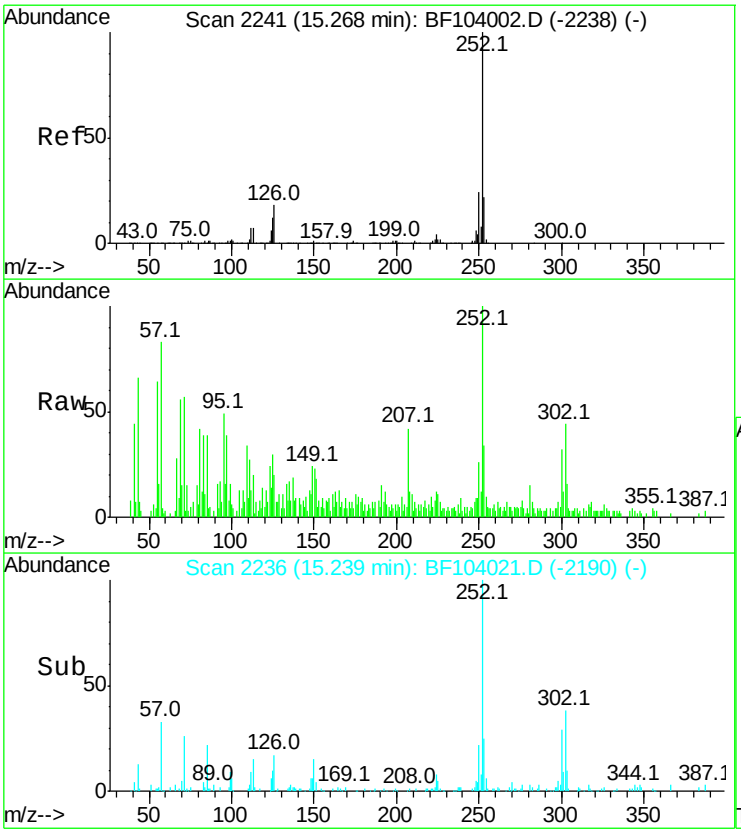
#87
Benzo(b)fluoranthene
Concen: 2.605 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 31517

Ion	Ratio	Lower	Upper
252	100		
253	33.8	17.0	25.6#
125	30.0	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.766 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:252 Resp: 31517

Ion	Ratio	Lower	Upper
252	100		
253	33.8	17.9	26.9#
125	30.0	10.2	15.2#