Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104050.D
Acq On : 29 Mar 2018 14:56
Operator : JU/SJ
Sample : J1756-13 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 16:28:27 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	6.96	152	124229	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	515362	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	215652	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	330192	20.00	ng		0.00
75) Chrysene-d12	14.16	240	241951	20.00	ng		0.00
86) Perylene-d12	15.70	264	202432	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	101982	13.09	ng		0.00
7) Phenol-d6	6.60	99	209852	21.90	ng		0.00
23) Nitrobenzene-d5	7.53	82	128170	15.21	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	49518	20.62	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	279648	20.45	ng		0.00
78) Terphenyl-d14	13.08	244	188659	18.00	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	14625	2.571	ng	#	77
25) Isophorone	7.53	82	128170	8.253	ng	#	64
50) 2,6-Dinitrotoluene	10.00	165	28503	7.781	ng	#	25
56) 2,4-Dinitrotoluene	10.00	165	29744	6.363	ng	#	23
70) Phenanthrene	11.53	178	101824	5.696	ng		97
71) Anthracene	11.58	178	41501	2.223	ng		96
74) Fluoranthene	12.72	202	110735	5.827	ng		95
77) Pyrene	12.95	202	105389	6.059	ng		99
80) Benzo(a)anthracene	14.14	228	50310	3.323	ng		96
82) Chrysene	14.18	228	39070	2.635	ng		99
87) Benzo(b)fluoranthene	15.24	252	59690	4.845	ng	#	82
88) Benzo(k)fluoranthene	15.24	252	59690	5.143	ng	#	85
89) Benzo(a)pyrene	15.64	252	32755	2.869	ng	#	82

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104050.D
Acq On : 29 Mar 2018 14:56
Operator : JU/SJ
Sample : J1756-13 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 16:28:27 2018
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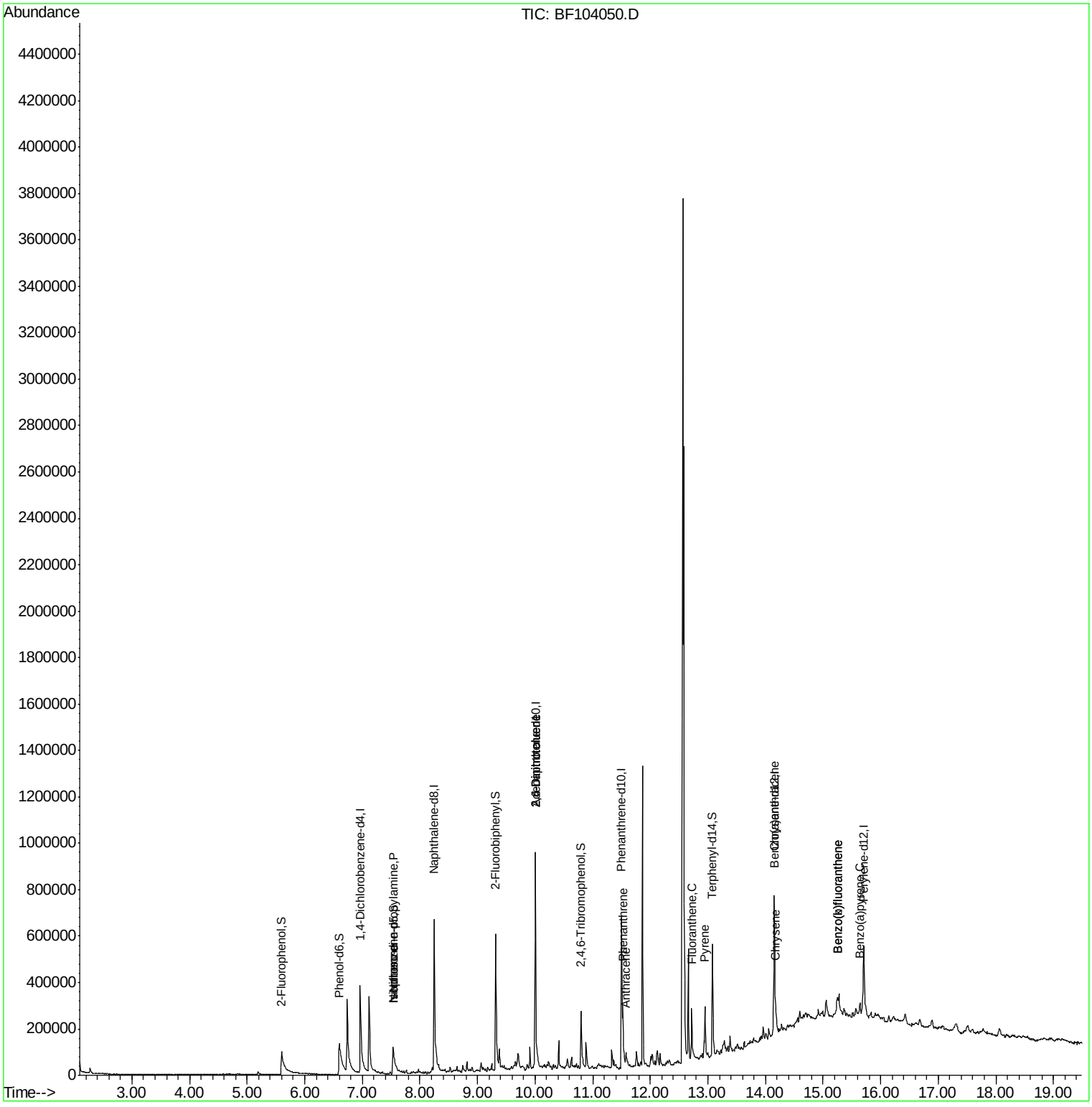
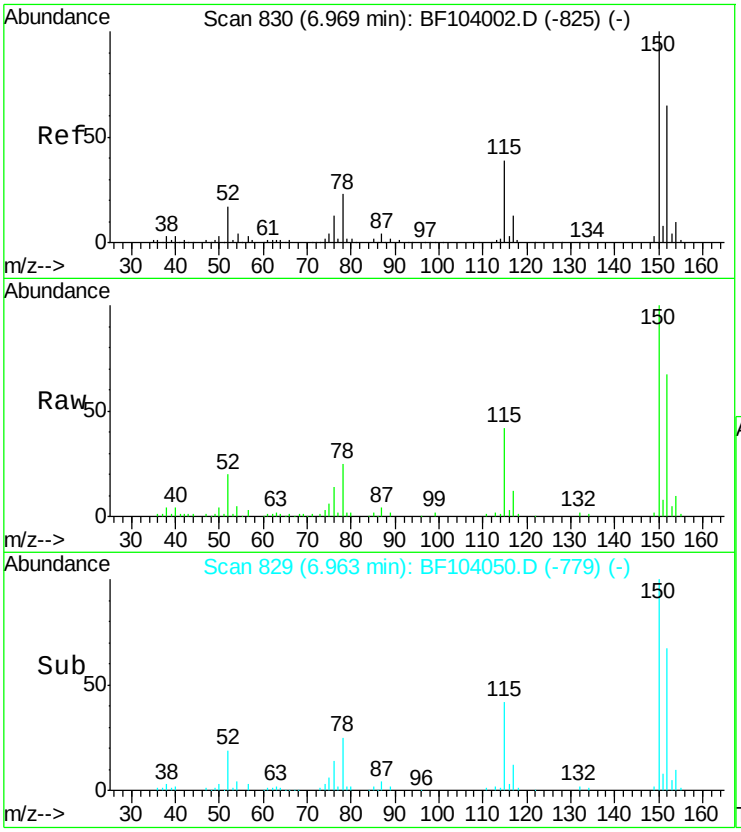


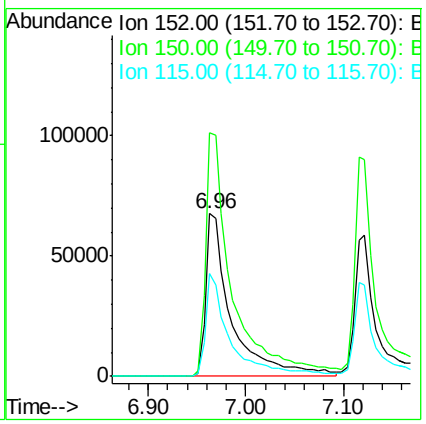


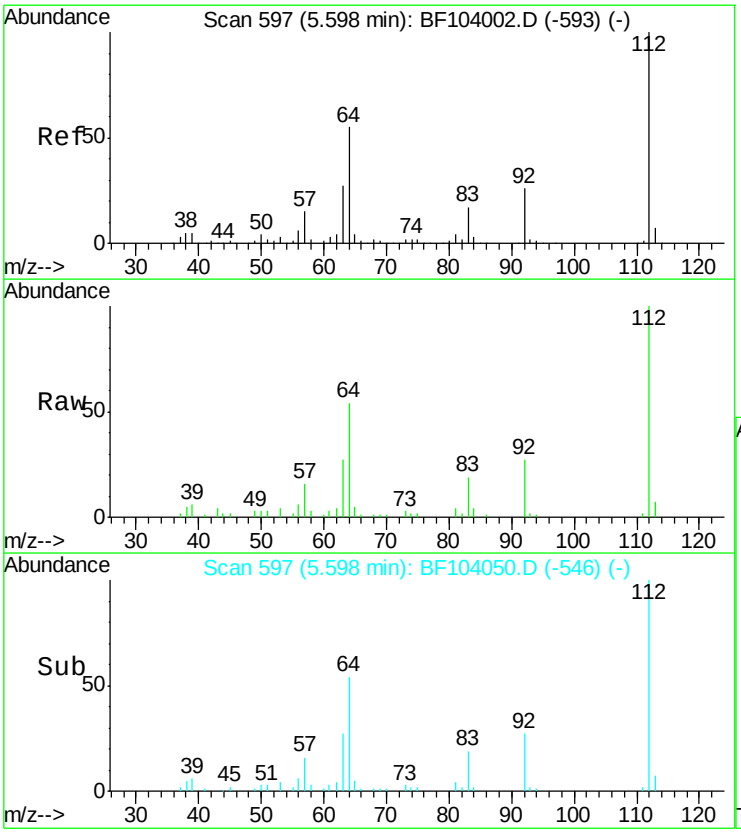
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124229

Ion	Ratio	Lower	Upper
152	100		
150	149.9	124.6	186.8
115	63.2	50.1	75.1

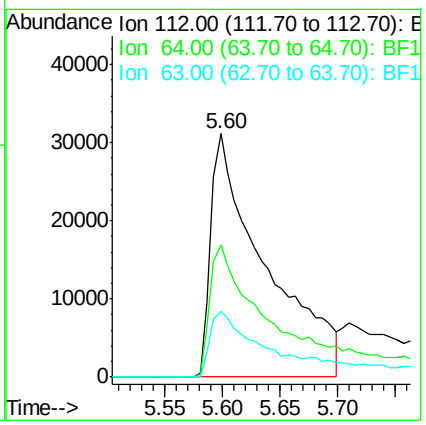


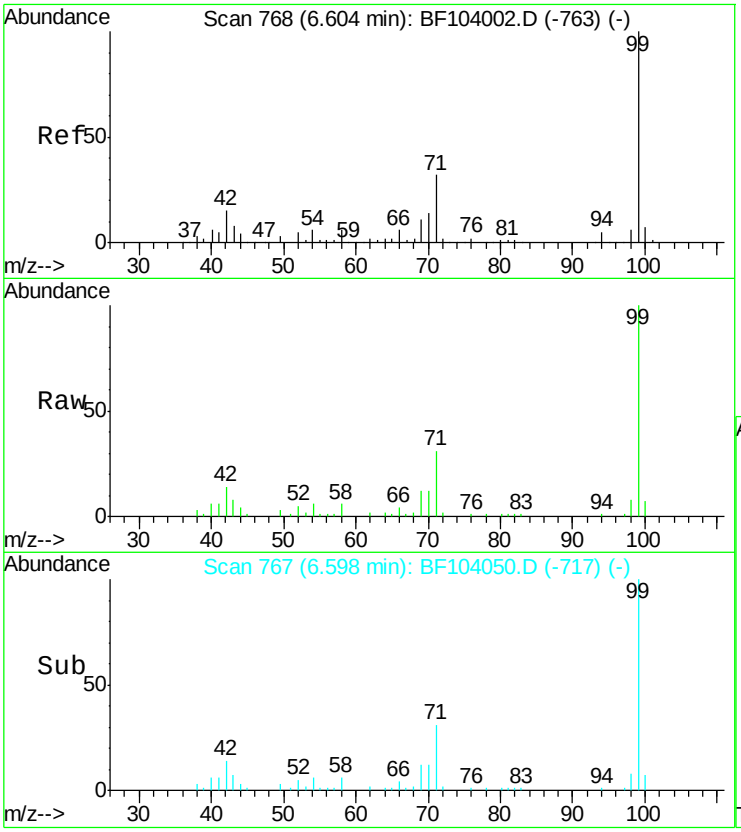


#5
2-Fluorophenol
Concen: 13.092 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:112 Resp: 101982

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	27.0	23.7	35.5



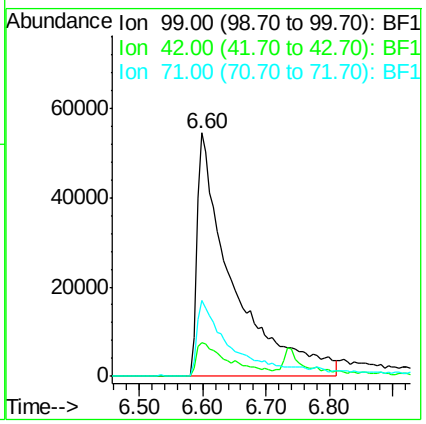


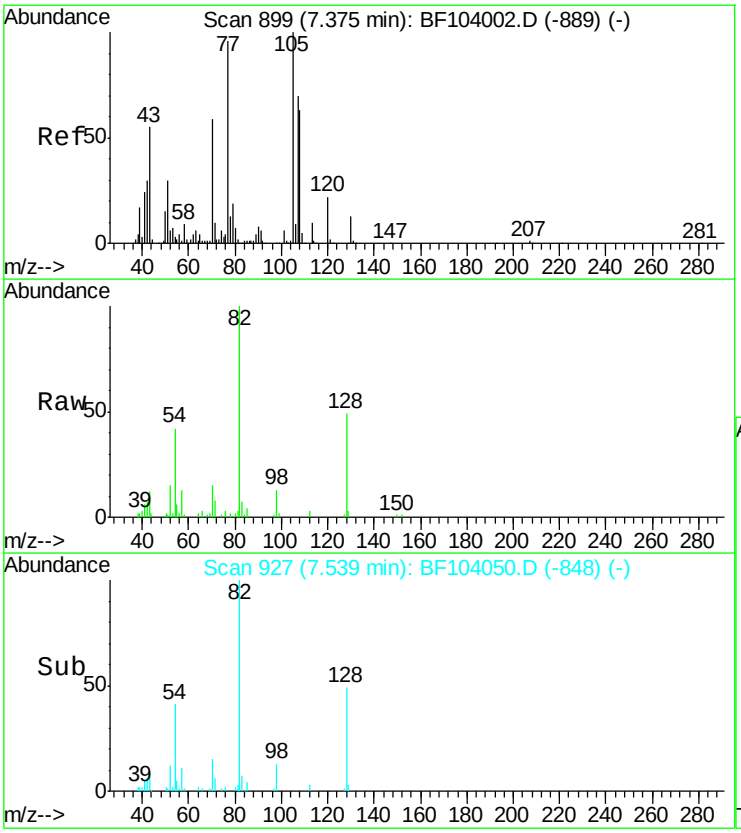
#7
Phenol-d6
Concen: 21.896 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 209852

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	31.1	25.4	38.0

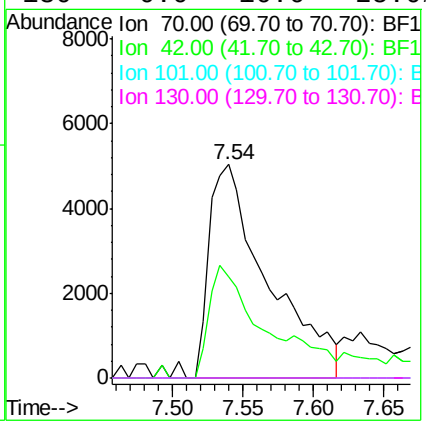


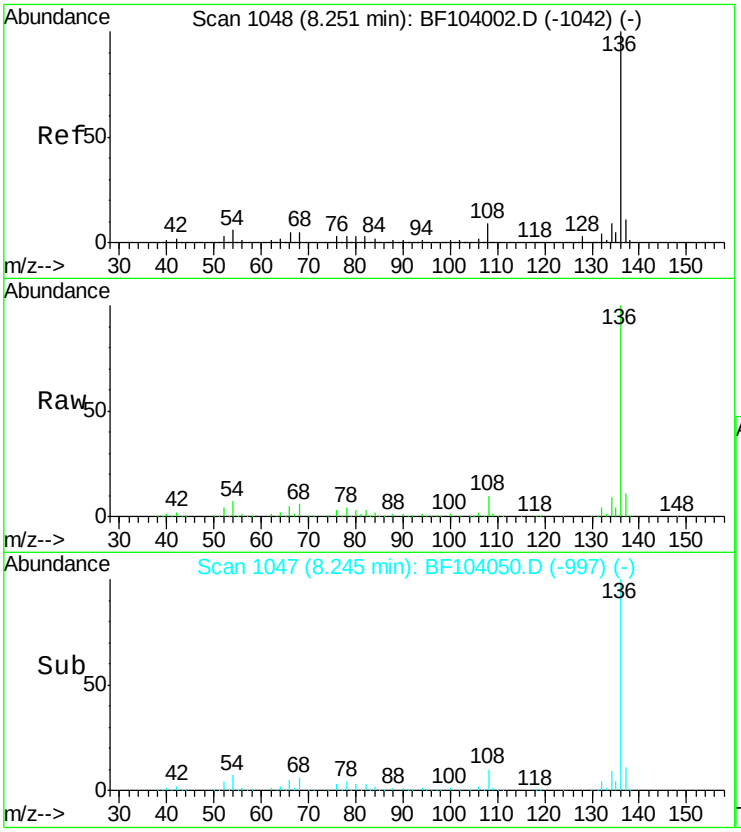


#19
n-Nitroso-di-n-propylamine
Concen: 2.571 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.16 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion: 70 Resp: 14625

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



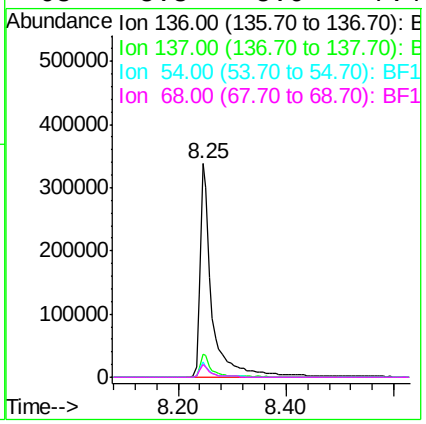


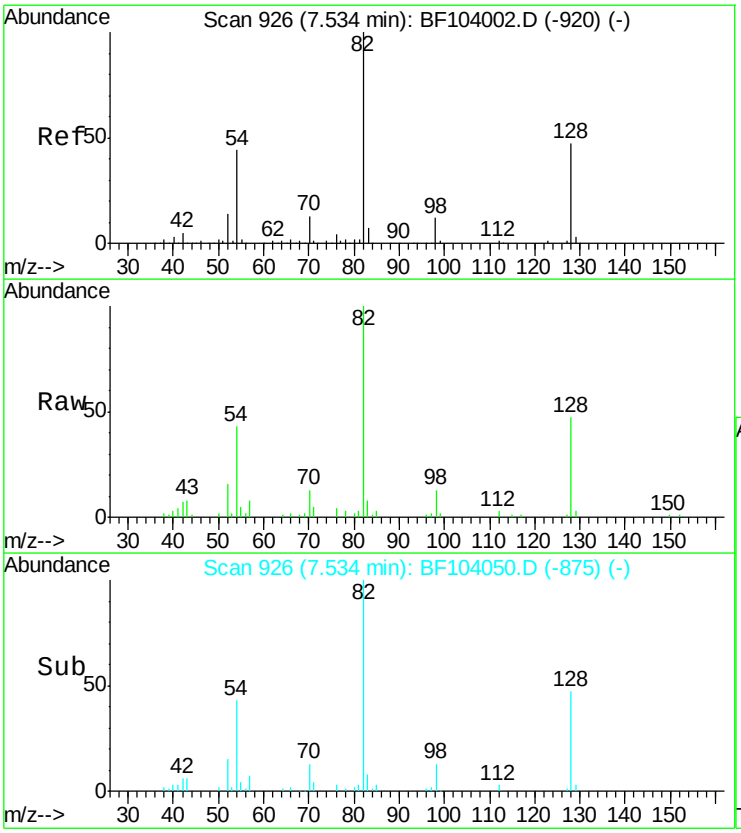
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 515362

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4

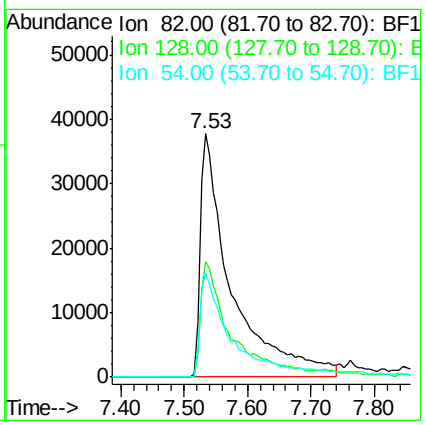


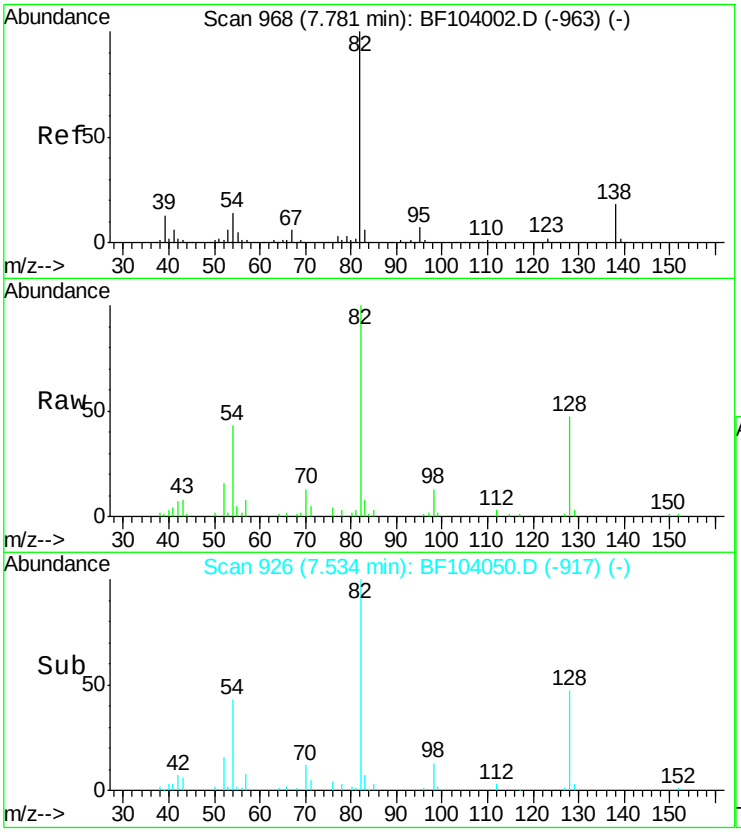


#23
Nitrobenzene-d5
Concen: 15.209 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion: 82 Resp: 128170

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	42.7	41.4	62.2



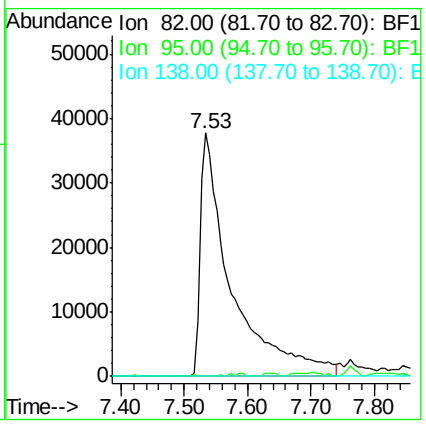


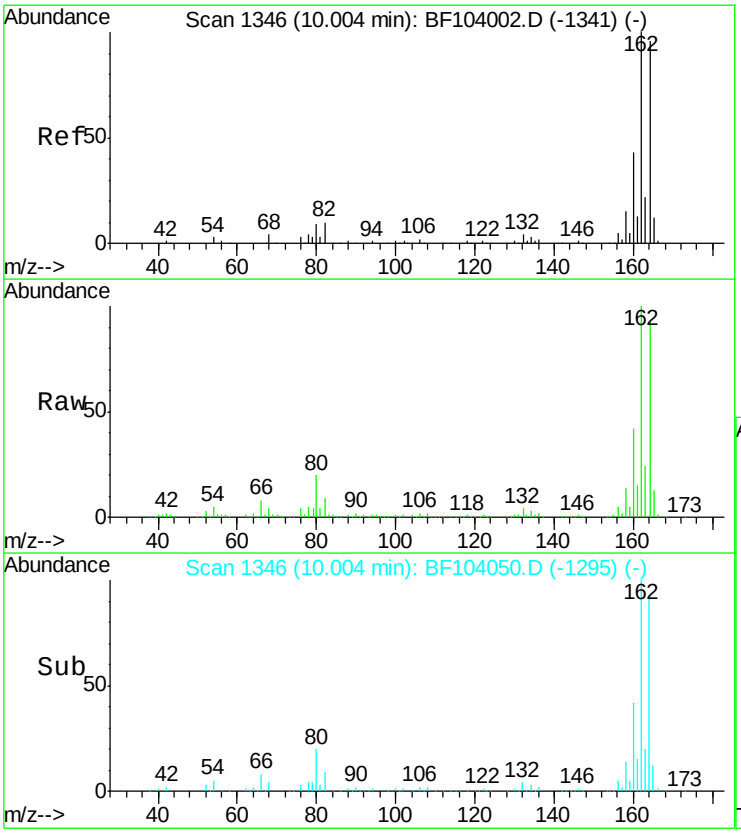
#25
Isophorone
Concen: 8.253 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 128170

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

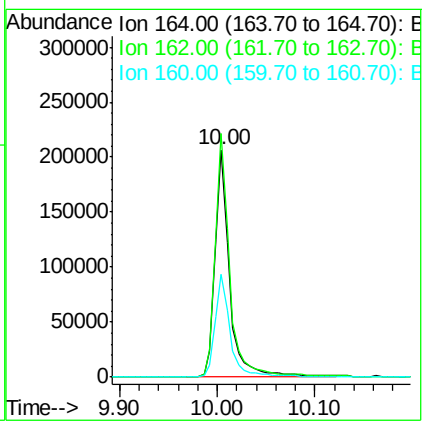


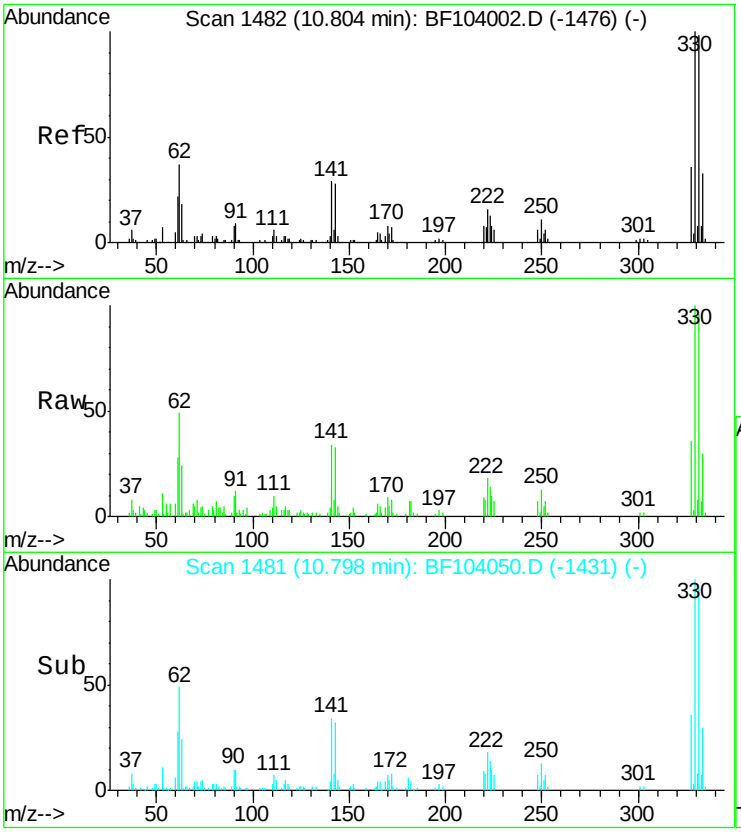


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:164 Resp: 215652

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	45.1	38.3	57.5



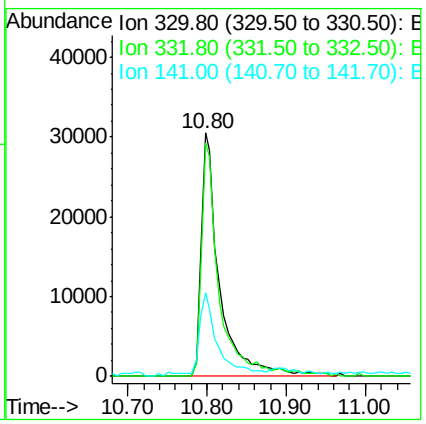


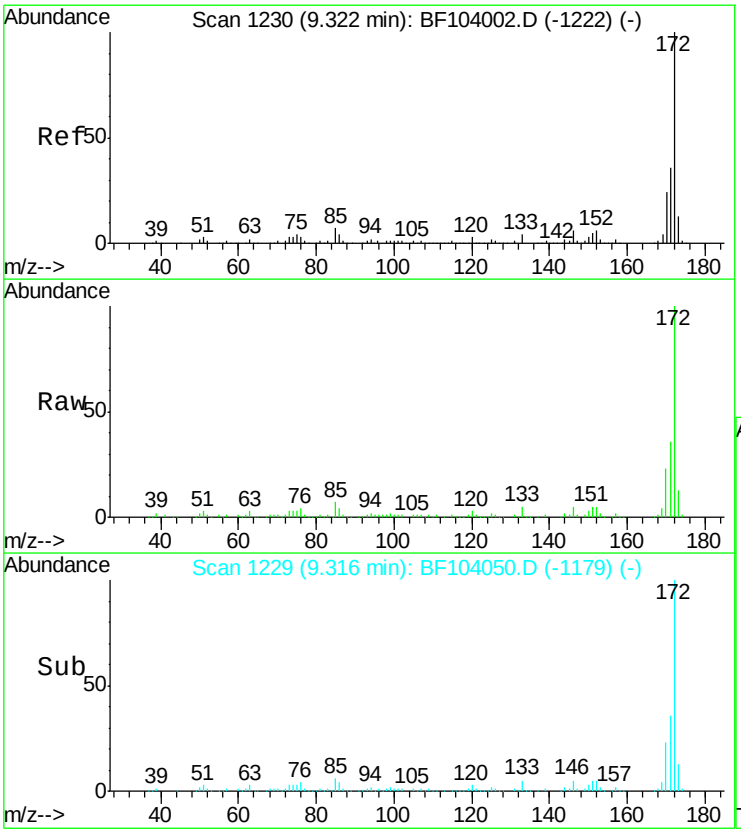
#41
2,4,6-Tribromophenol
Concen: 20.621 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 49518

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.0	115.6
141	31.1	29.9	44.9

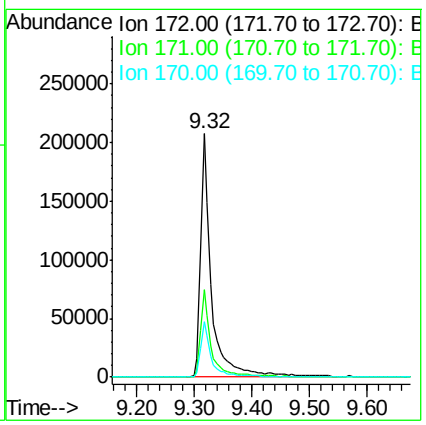


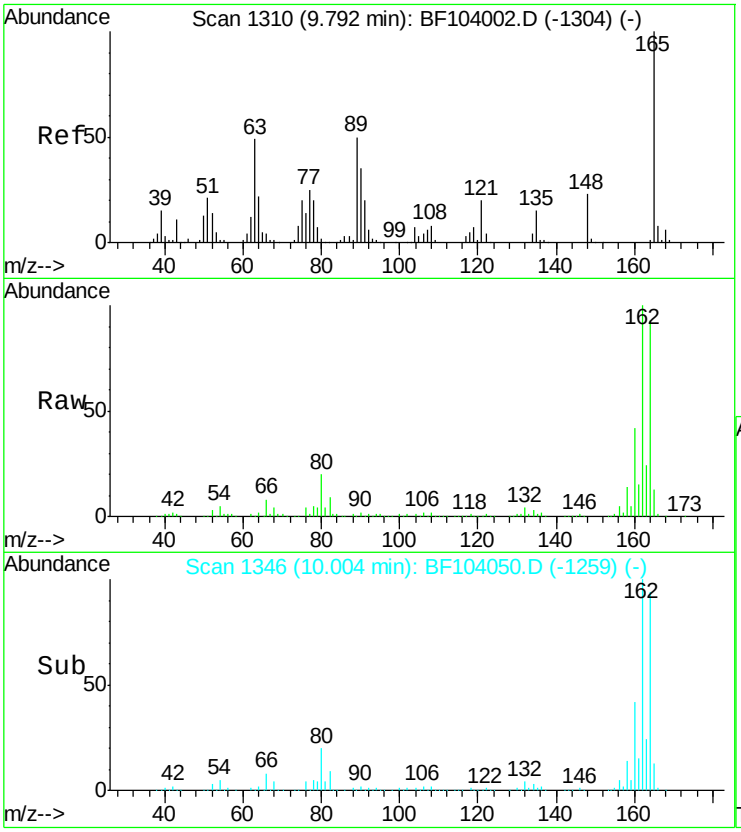


#44
2-Fluorobiphenyl
Concen: 20.449 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:172 Resp: 279648

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	22.7	19.6	29.4



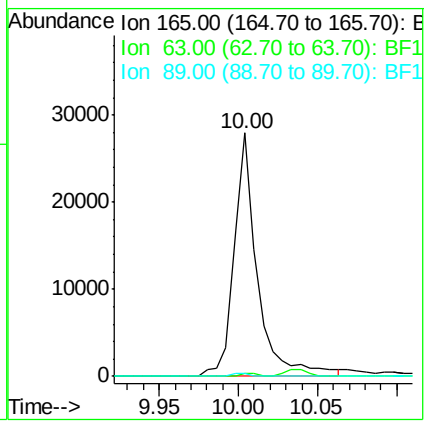


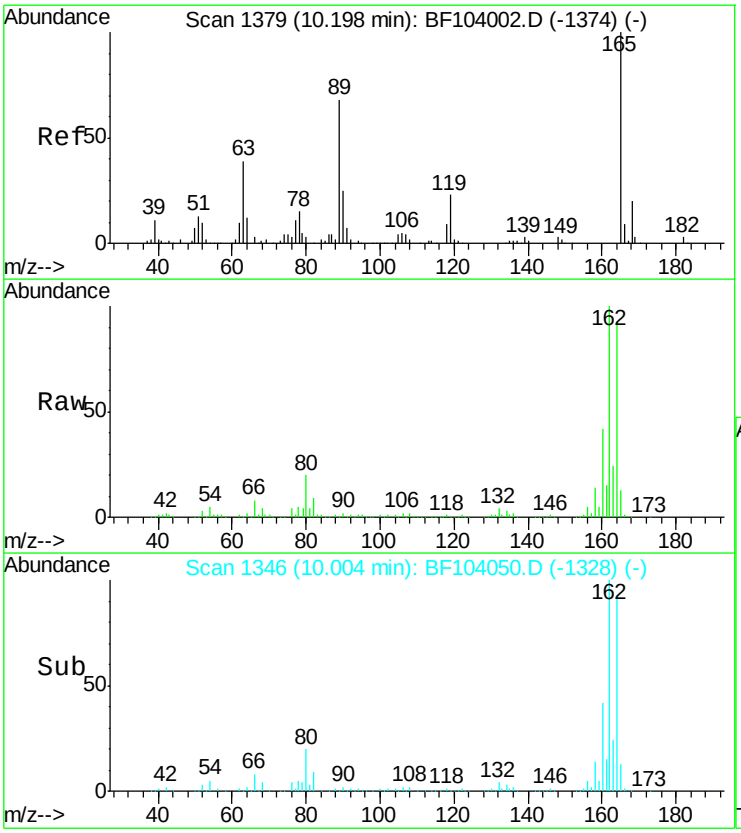
#50
2,6-Dinitrotoluene
Concen: 7.781 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28503

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

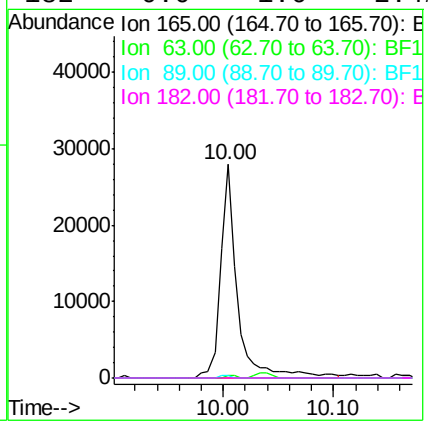


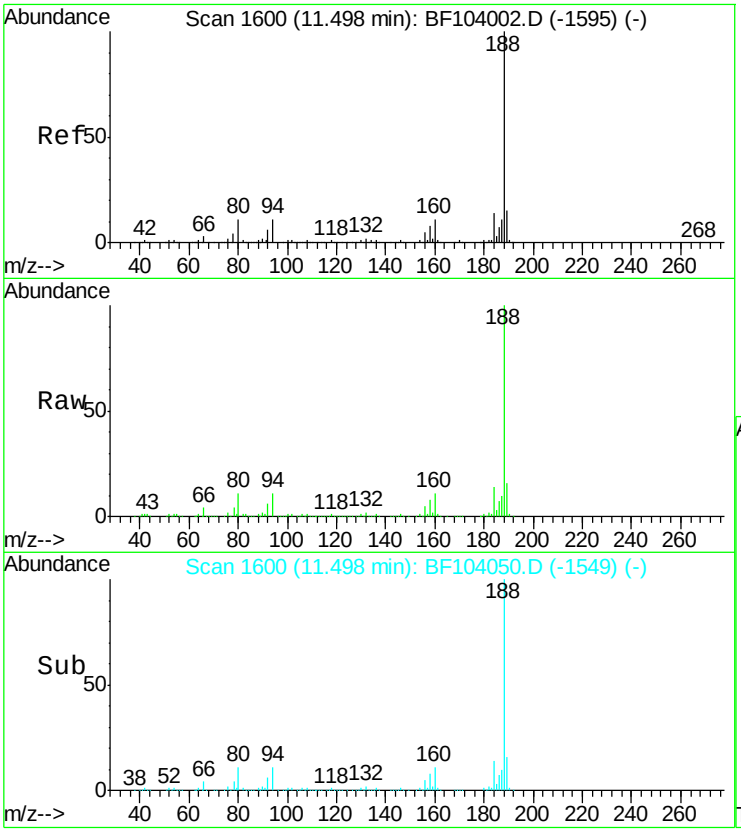


#56
2,4-Dinitrotoluene
Concen: 6.363 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:165 Resp: 29744

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



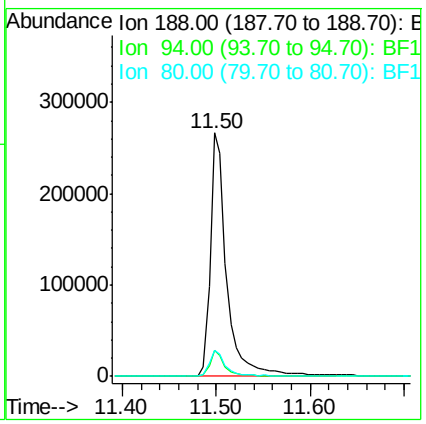


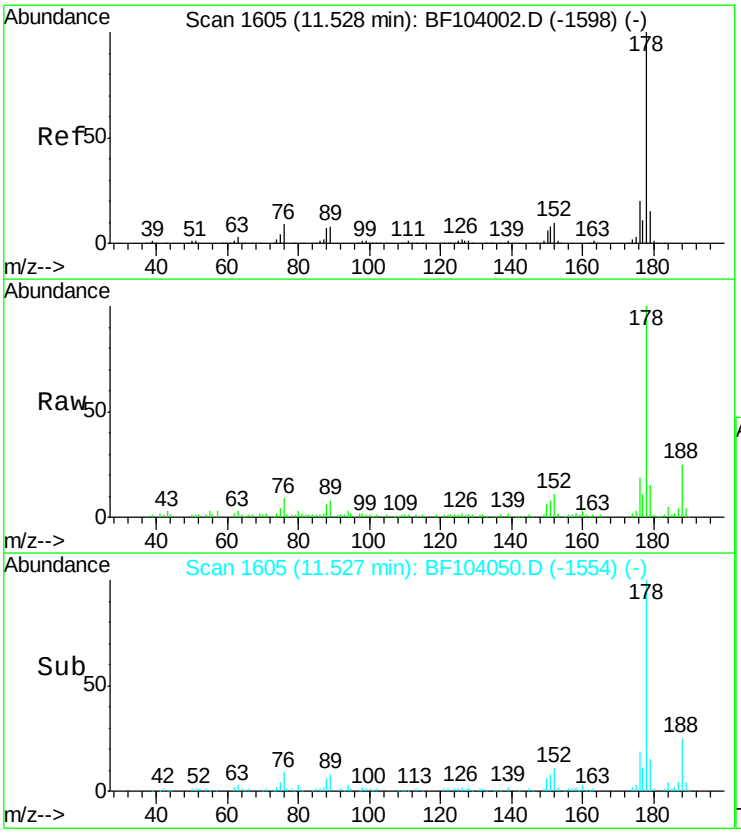
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 330192

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.9	9.2	13.8

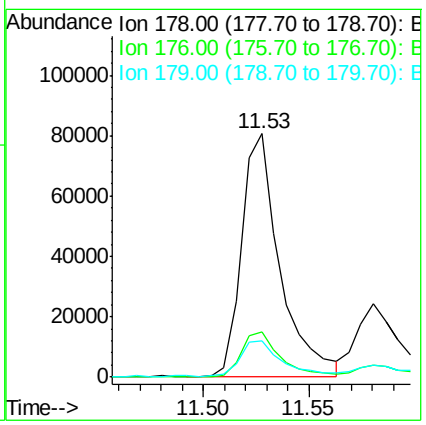


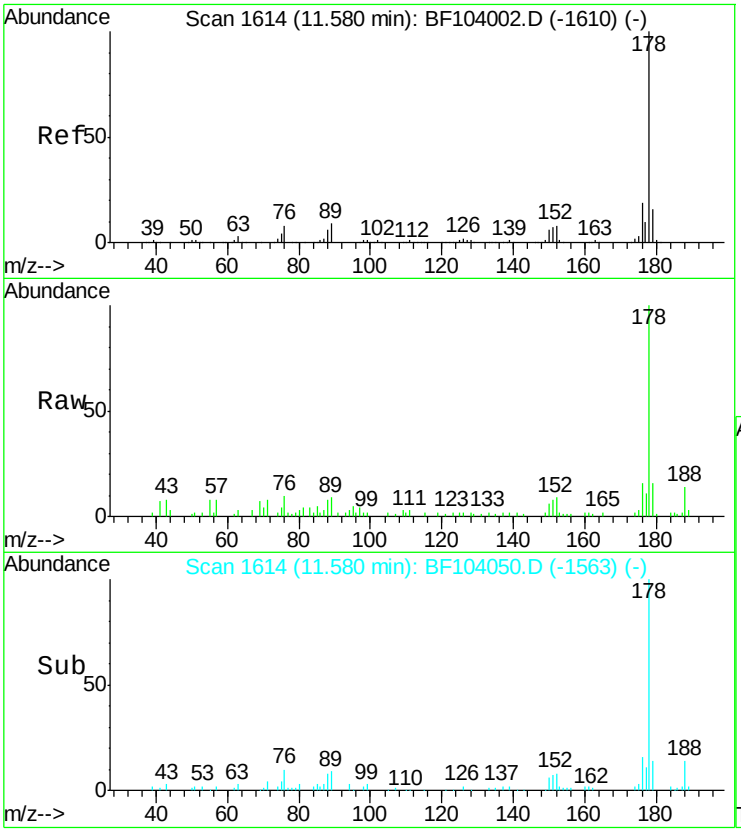


#70
Phenanthrene
Concen: 5.696 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:178 Resp: 101824

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.8	13.0	19.6



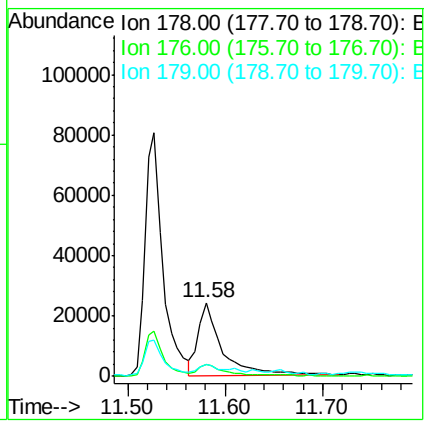


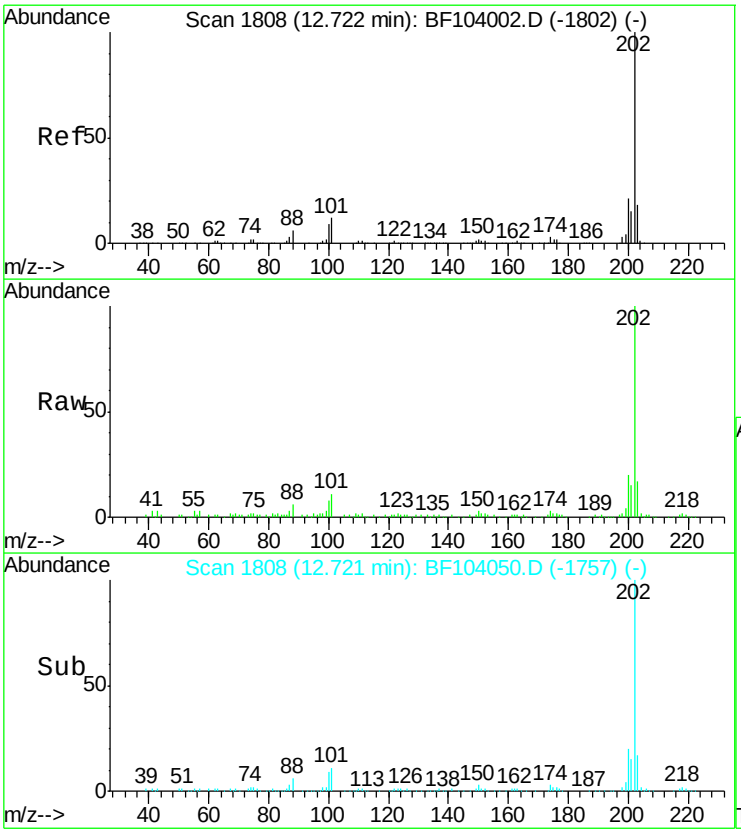
#71
Anthracene
Concen: 2.223 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 41501

Ion	Ratio	Lower	Upper
178	100		
176	16.1	15.4	23.2
179	15.7	12.6	19.0

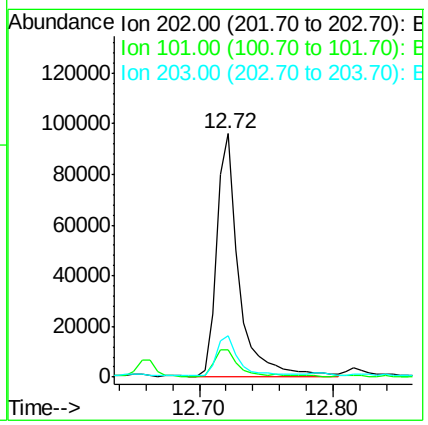


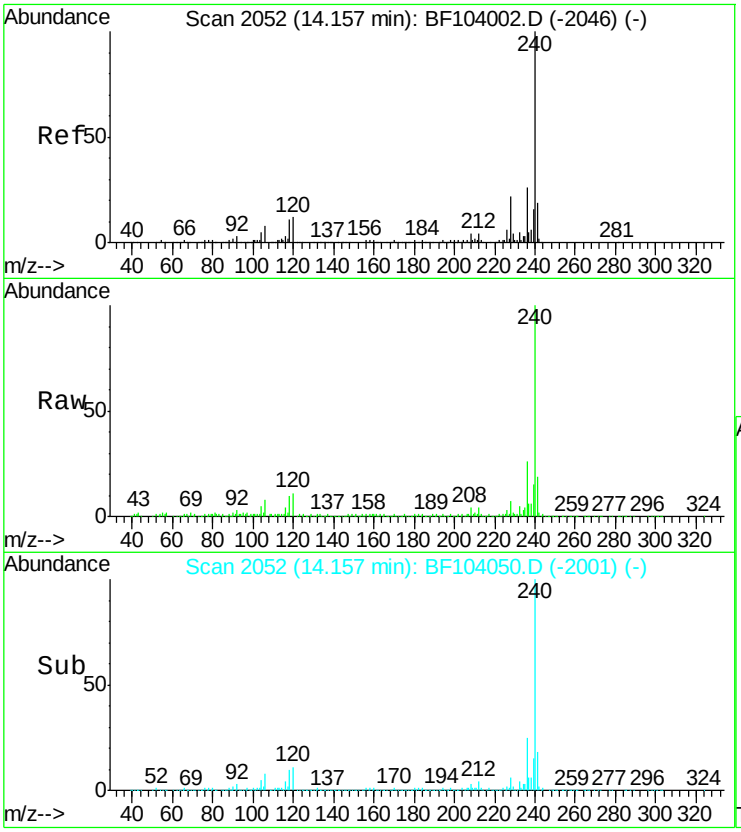


#74
Fluoranthene
Concen: 5.827 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:202 Resp: 110735

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.2	0.0	38.1



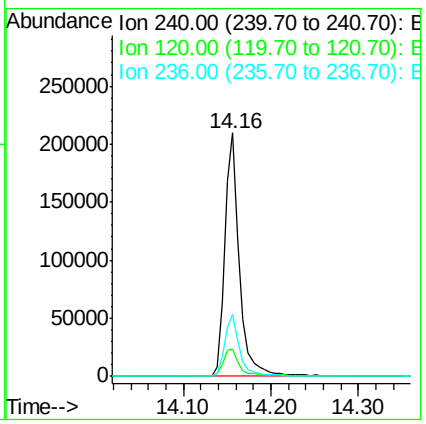


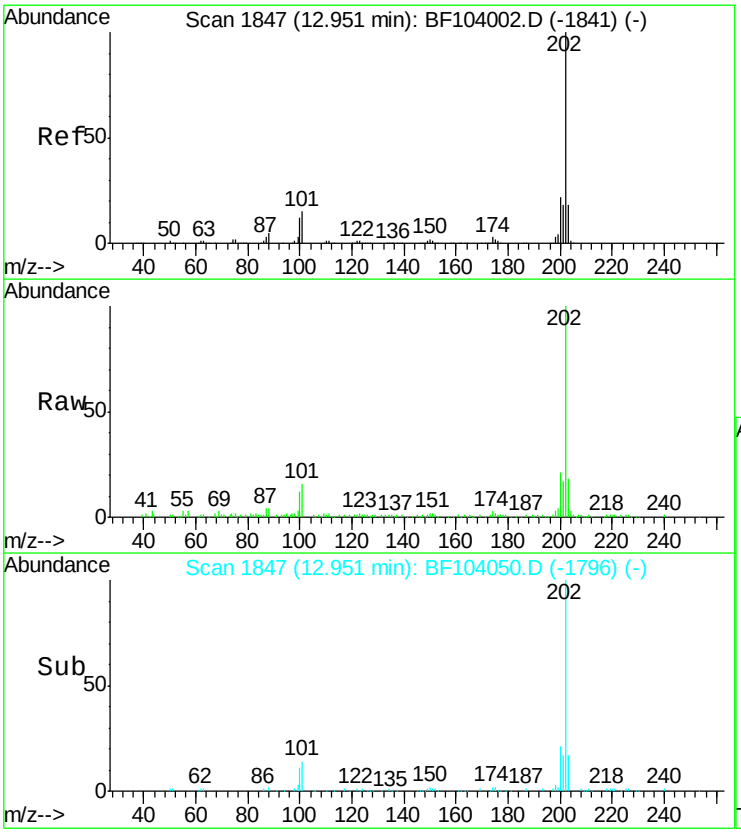
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 241951

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.5	20.7	31.1

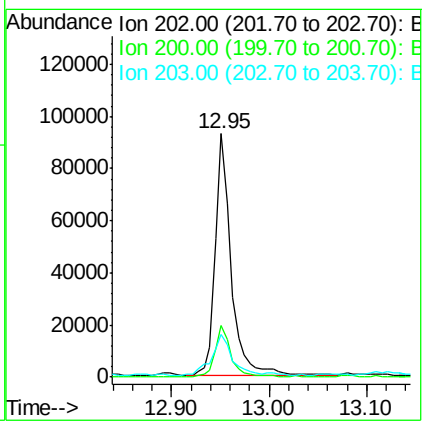


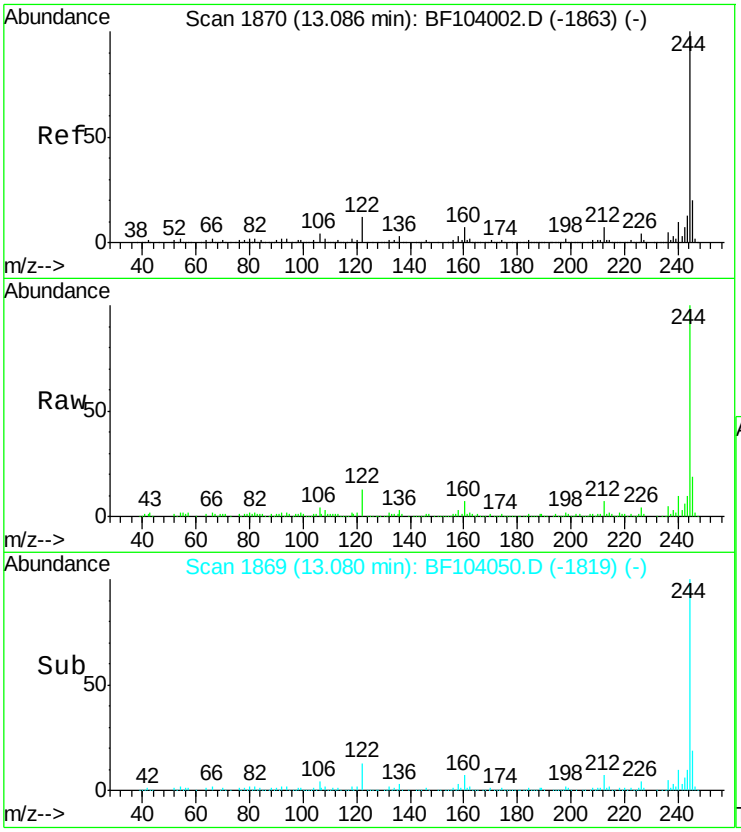


#77
Pyrene
Concen: 6.059 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:202 Resp: 105389

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.7	14.3	21.5



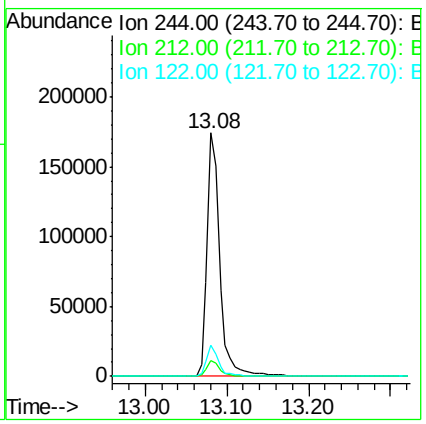


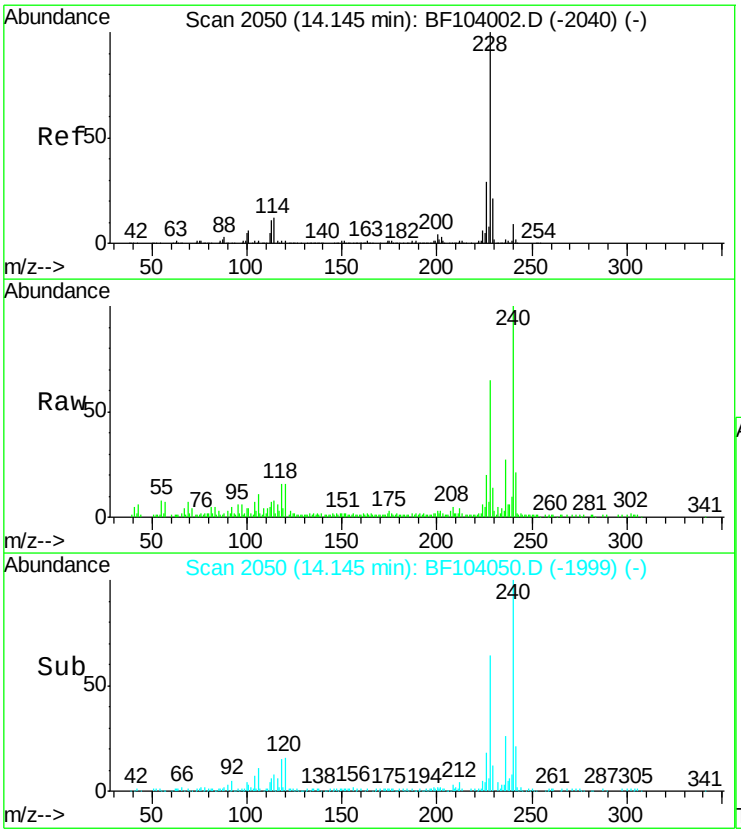
#78
Terphenyl-d14
Concen: 18.004 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 188659

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.9	11.0	16.4

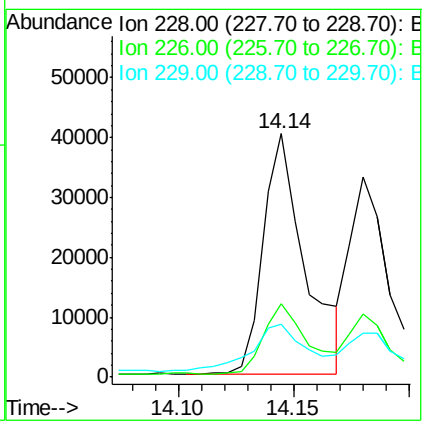


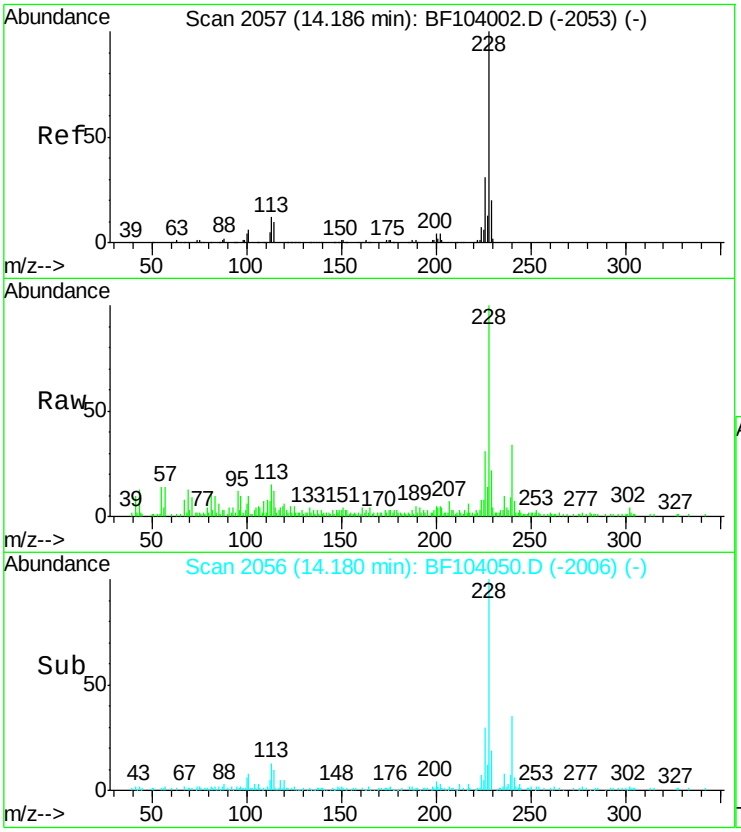


#80
Benzo(a)anthracene
Concen: 3.323 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:228 Resp: 50310

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	21.8	15.8	23.6



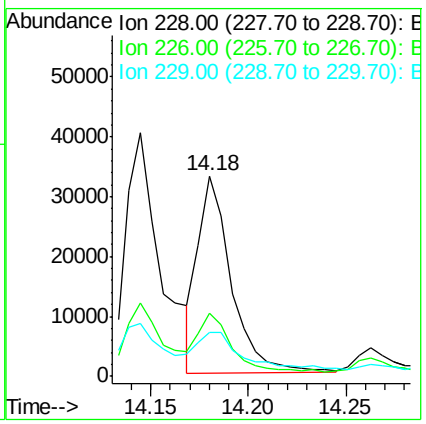


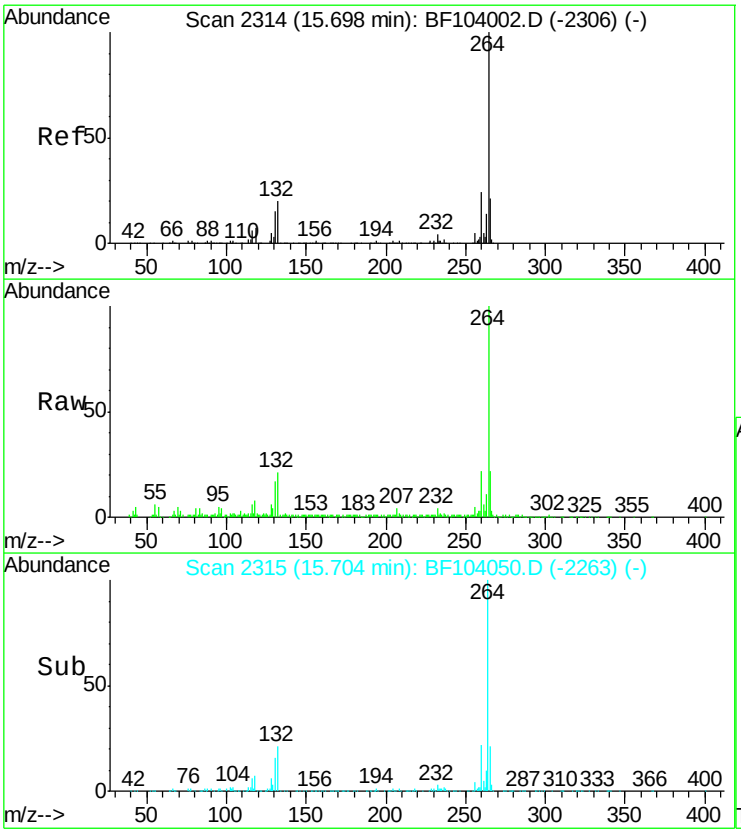
#82
Chrysene
Concen: 2.635 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39070

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.9	16.2	24.4

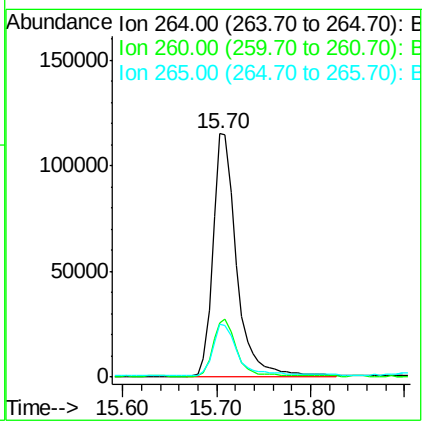


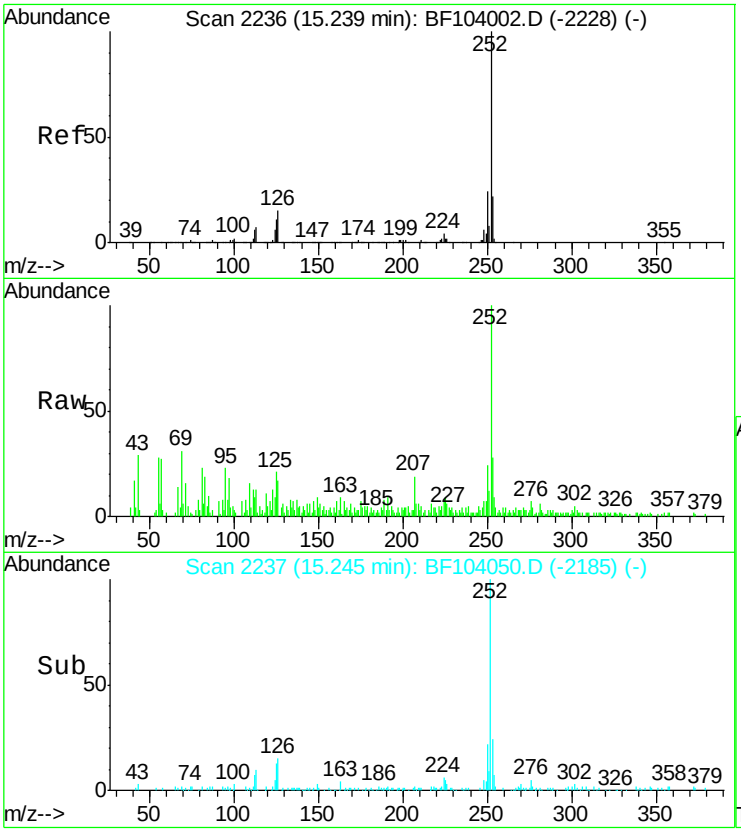


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:264 Resp: 202432

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.7	17.5	26.3



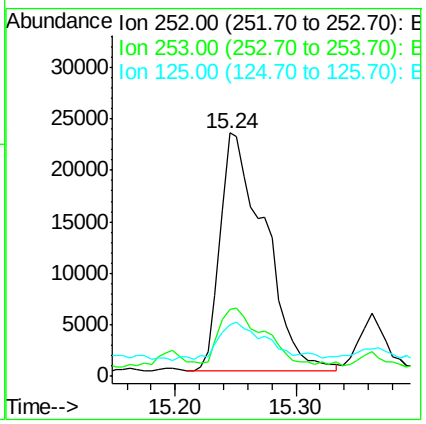


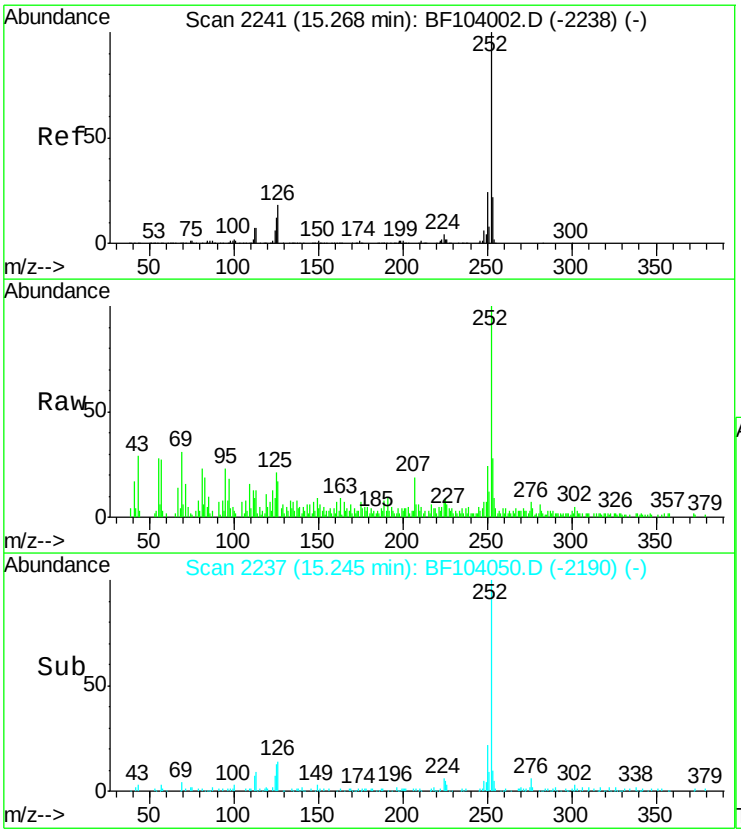
#87
Benzo(b)fluoranthene
Concen: 4.845 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 59690

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.0	25.6#
125	21.2	9.0	13.6#

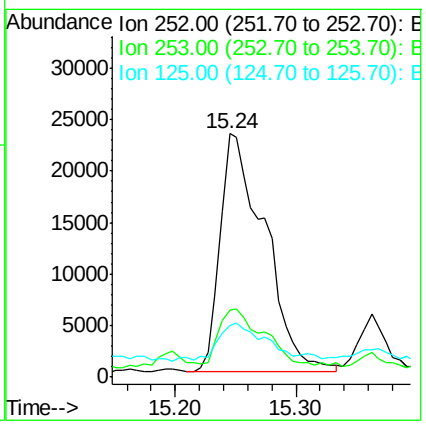


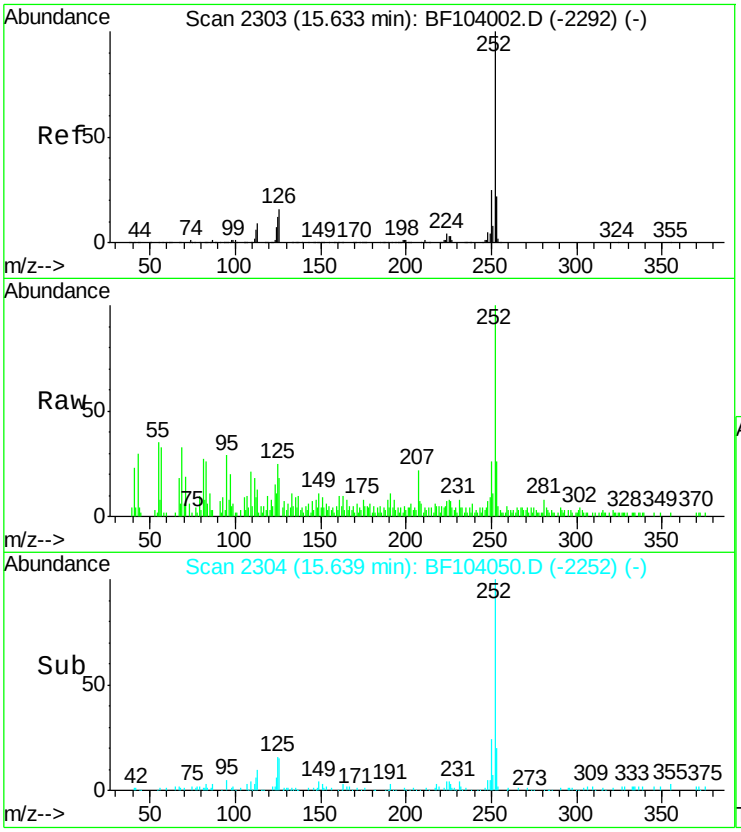


#88
Benzo(k)fluoranthene
Concen: 5.143 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Tgt Ion:252 Resp: 59690

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.9	26.9#
125	21.2	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.869 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104050.D
Acq: 29 Mar 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 32755

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.1	25.7#
125	24.9	9.8	14.6#