Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104025.D
Acq On : 28 Mar 2018 22:02
Operator : JU/SJ
Sample : J2096-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 01:54:14 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	116858	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	473657	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	155412	20.00	ng		0.01
63) Phenanthrene-d10	11.53	188	131277	20.00	ng		0.03
75) Chrysene-d12	14.17	240	197866	20.00	ng		0.02
86) Perylene-d12	15.70	264	190724	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	105034	14.33	ng		0.00
7) Phenol-d6	6.60	99	161076	17.87	ng		0.00
23) Nitrobenzene-d5	7.53	82	92981	12.01	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	24138	13.95	ng		0.01
44) 2-Fluorobiphenyl	9.32	172	201030	20.40	ng		0.00
78) Terphenyl-d14	13.10	244	98073	11.44	ng		0.02
Target Compounds							Qvalue
25) Isophorone	7.53	82	92981	6.514	ng	#	65
50) 2,6-Dinitrotoluene	9.80	165	10817	4.098	ng	#	32
51) Acenaphthene	10.05	154	19666	2.133	ng	#	78
52) 3-Nitroaniline	9.99	138	12195	4.019	ng	#	28
53) 2,4-Dinitrophenol	10.20	184	1596	6.861	ng	#	73
56) 2,4-Dinitrotoluene	10.21	165	11696	3.472	ng	#	41
61) 4-Nitroaniline	10.42	138	17700	6.234	ng		88
64) 4,6-Dinitro-2-methylphenol	10.63	198	1947	2.450	ng	#	1
65) n-Nitrosodiphenylamine	10.68	169	18958	4.264	ng	#	63
70) Phenanthrene	11.55	178	136315	19.179	ng	#	84
71) Anthracene	11.60	178	41194	5.549	ng	#	44
73) Di-n-butylphthalate	12.07	149	22675	2.687	ng	#	42
74) Fluoranthene	12.75	202	206555	27.340	ng		92
77) Pyrene	12.98	202	197238	13.867	ng	#	93
80) Benzo(a)anthracene	14.16	228	157054	12.685	ng		97
82) Chrysene	14.20	228	126153	10.403	ng		96
85) Indeno(1,2,3-cd)pyrene	17.29	276	56579	4.503	ng	#	91
87) Benzo(b)fluoranthene	15.25	252	230654	19.872	ng	#	90
88) Benzo(k)fluoranthene	15.25	252	230562	21.086	ng	#	93
89) Benzo(a)pyrene	15.64	252	115500	10.738	ng	#	94
91) Benzo(g,h,i)perylene	17.77	276	51372	5.157	ng		96

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

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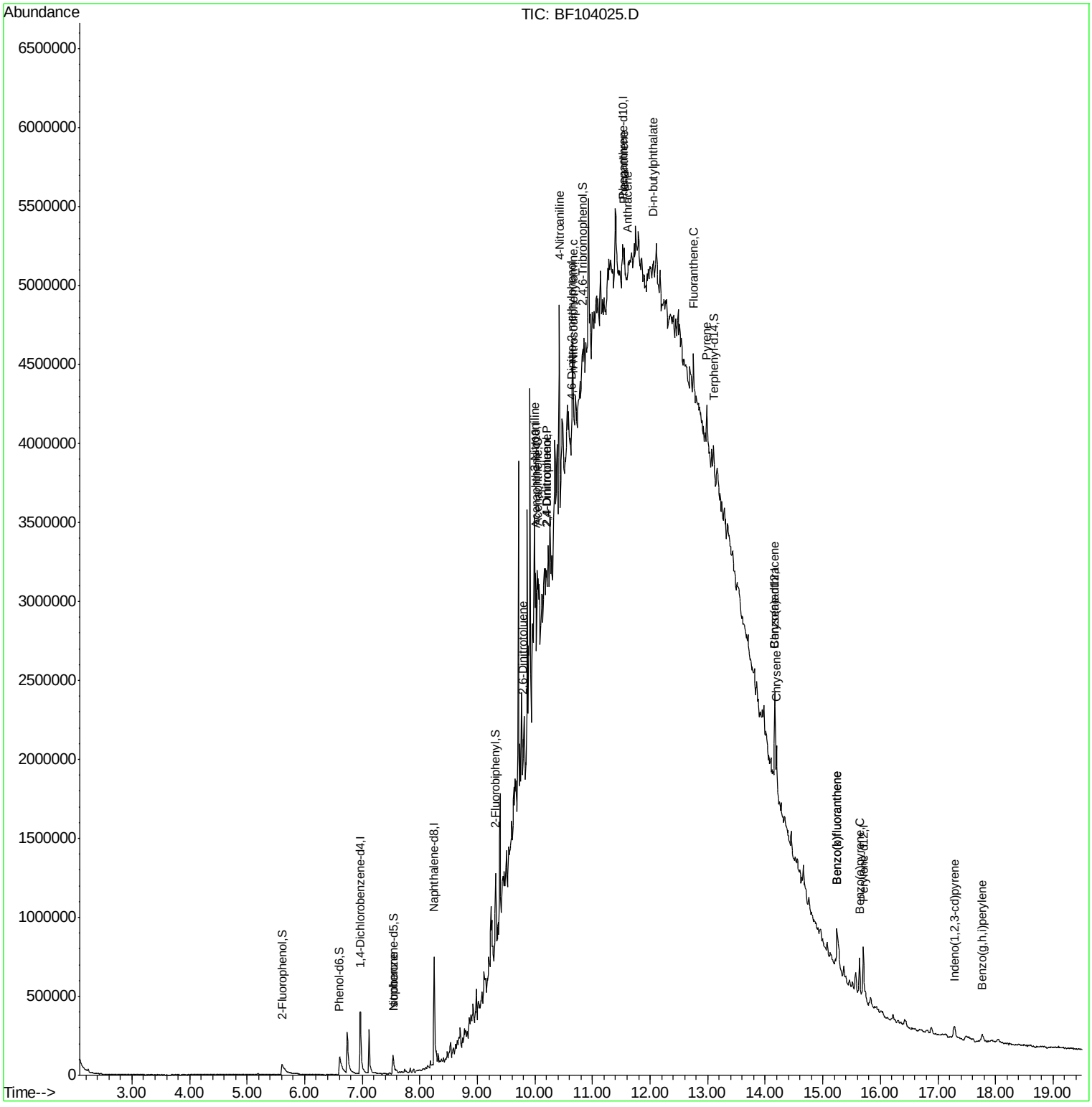
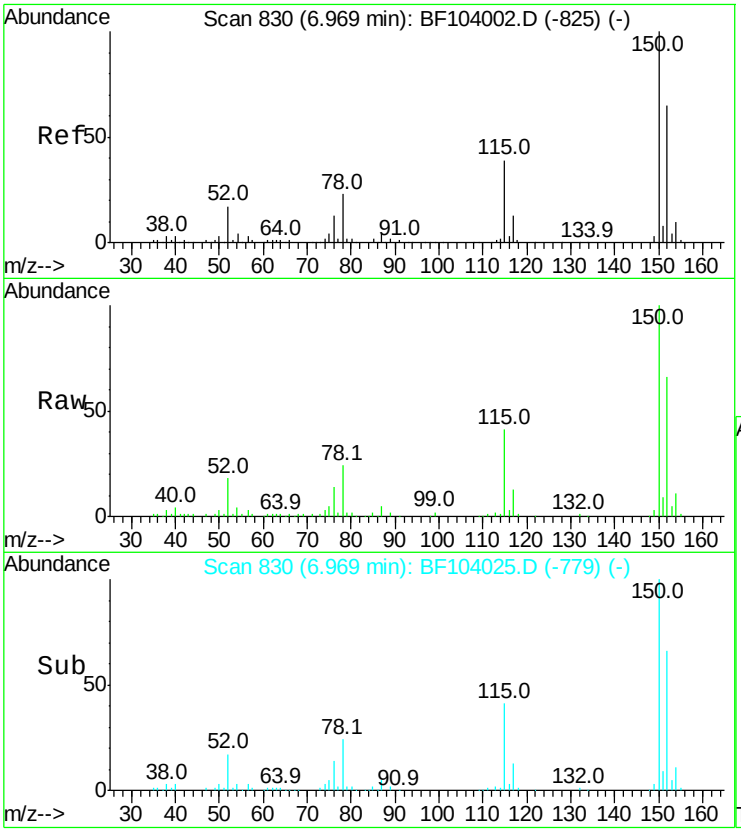


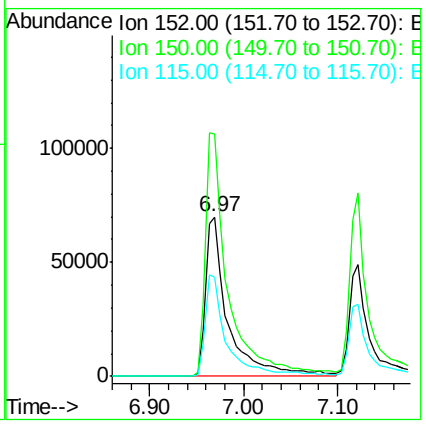


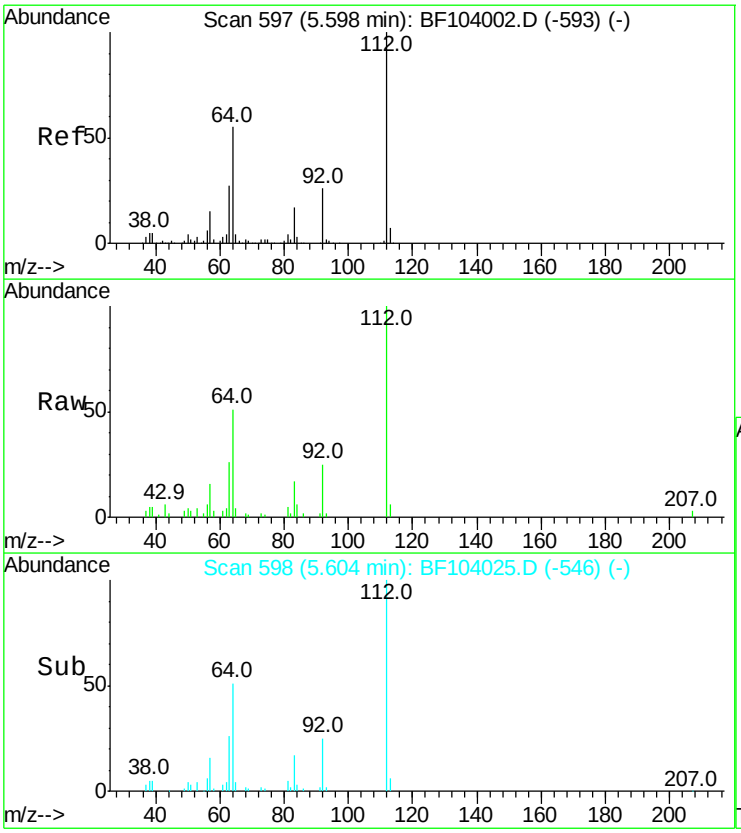
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116858

Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	186.8
115	61.9	50.1	75.1

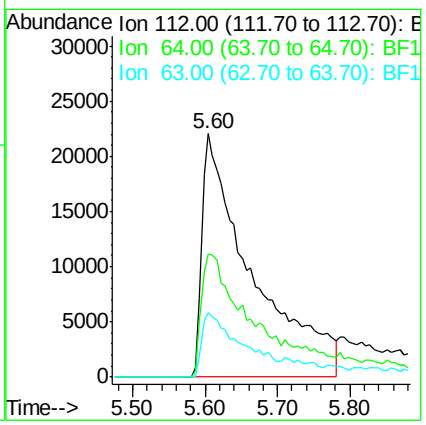


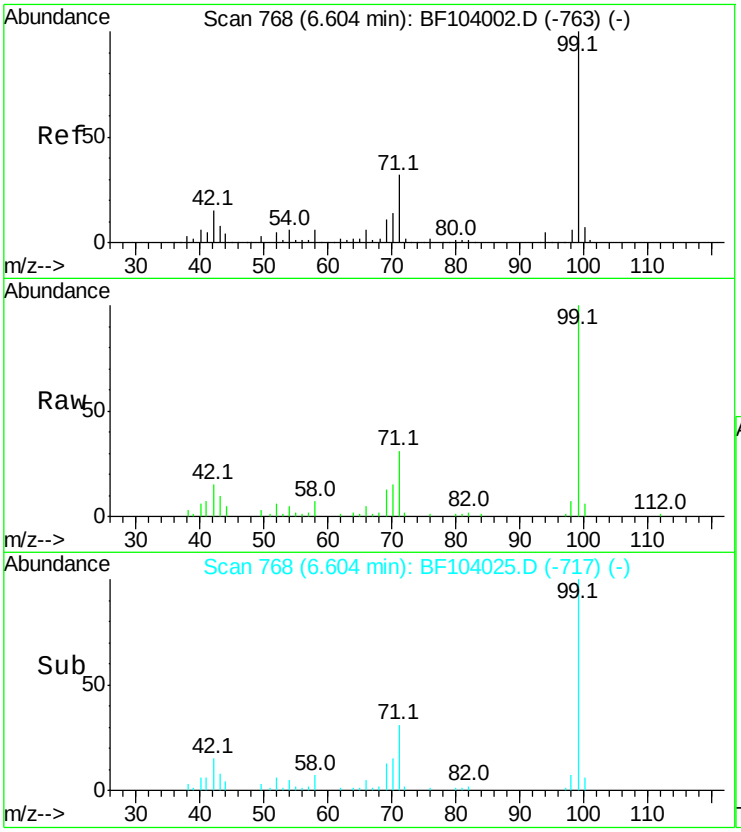


#5
2-Fluorophenol
Concen: 14.334 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:112 Resp: 105034

Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	26.5	23.7	35.5



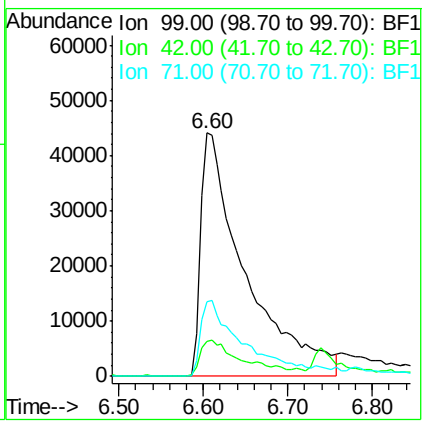


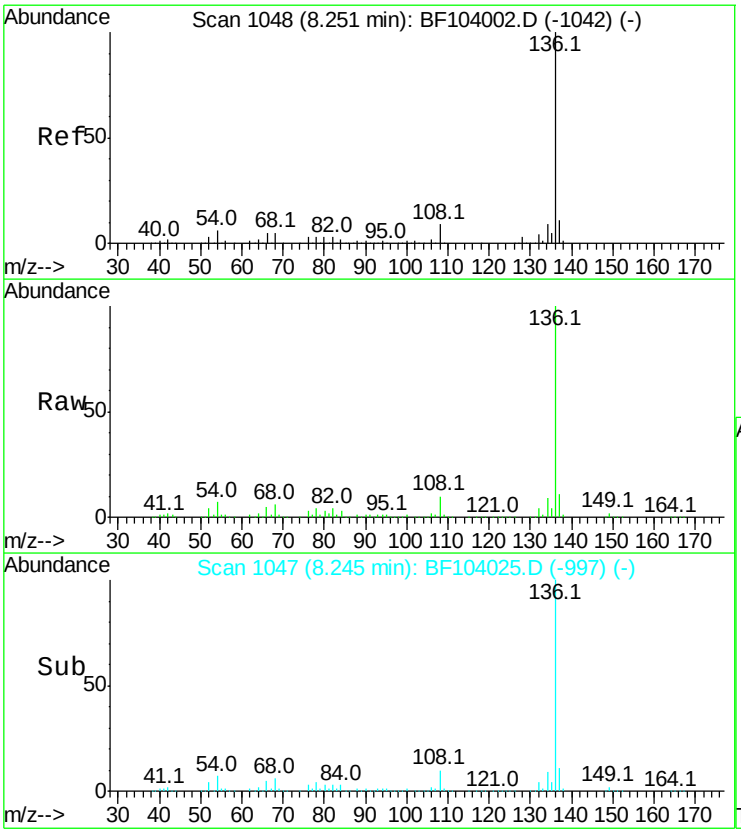
#7
Phenol-d6
Concen: 17.867 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 161076

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	30.8	25.4	38.0

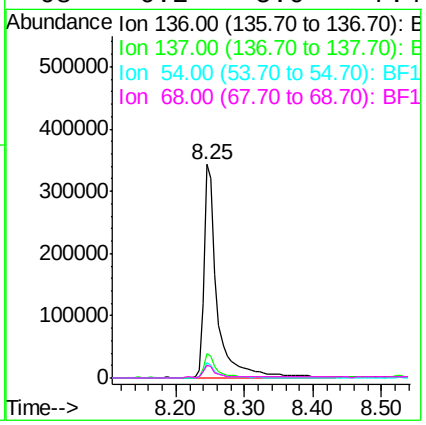


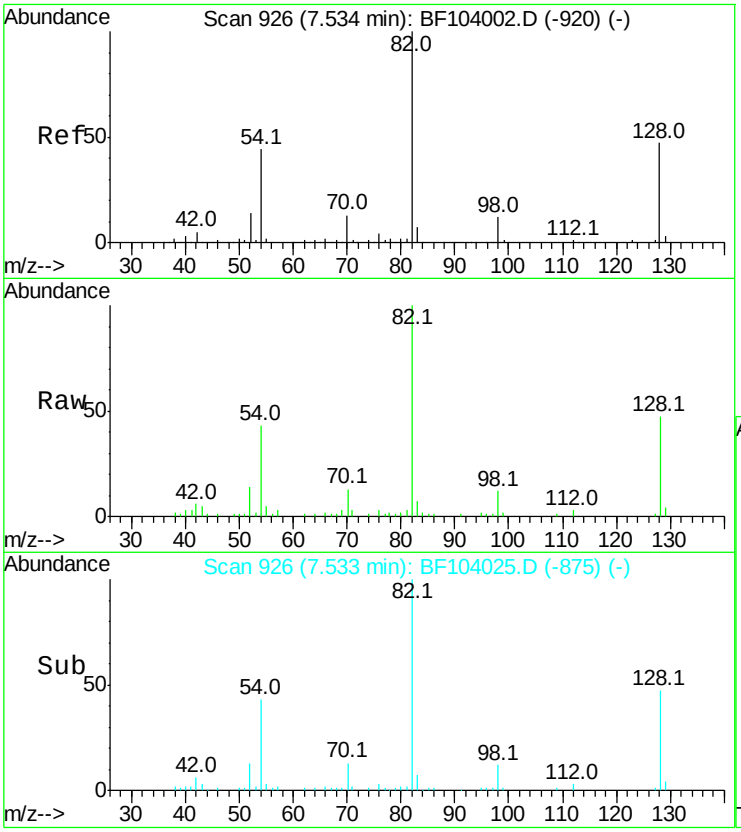


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:136 Resp: 473657

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.1	6.6	9.8
68	6.2	5.0	7.4



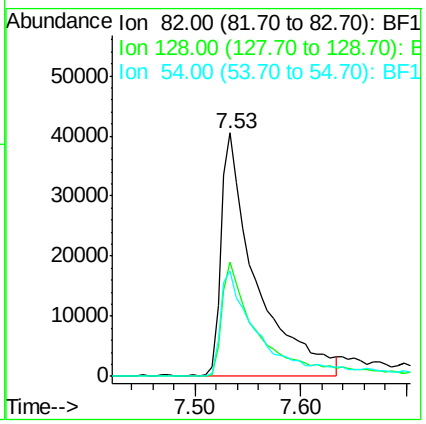


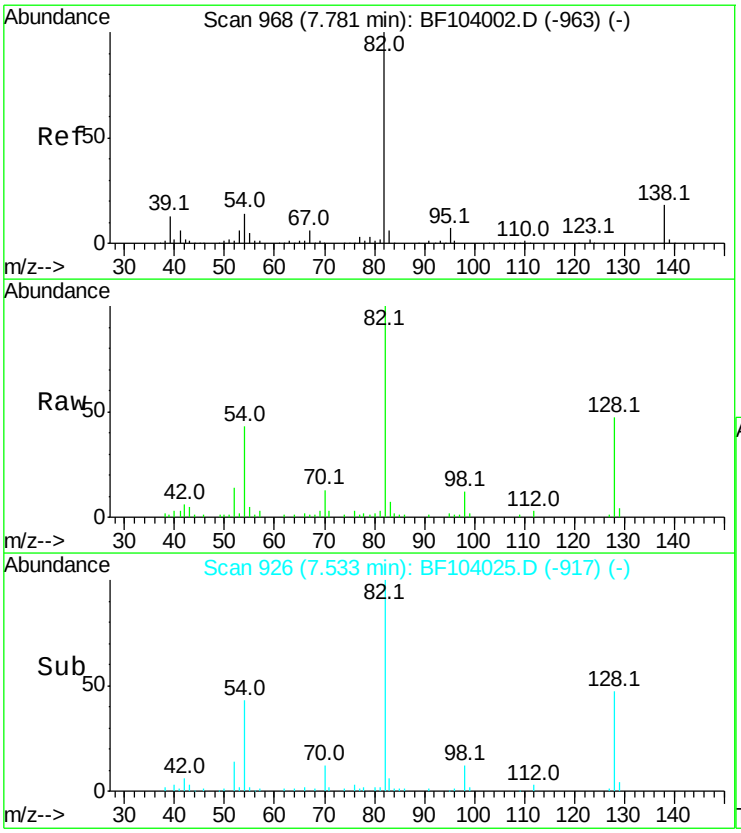
#23
Nitrobenzene-d5
Concen: 12.005 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 92981

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	43.4	41.4	62.2

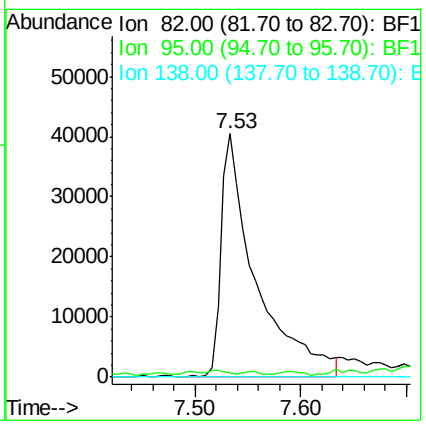


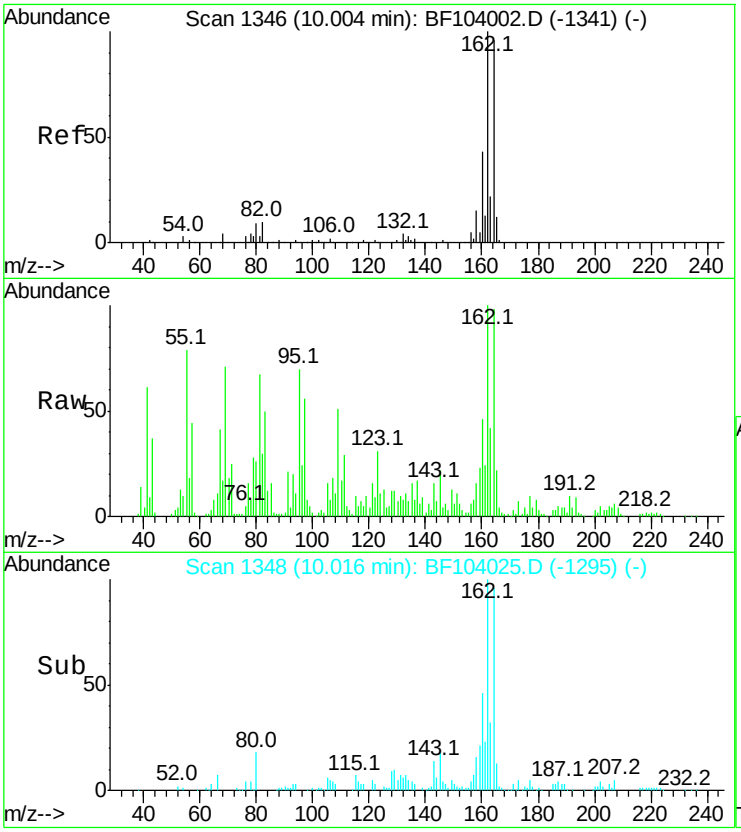


#25
Isophorone
Concen: 6.514 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion: 82 Resp: 92981

Ion	Ratio	Lower	Upper
82	100		
95	1.5	5.2	7.8#
138	0.0	14.9	22.3#



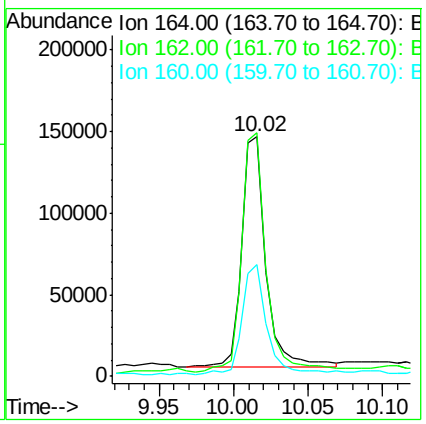


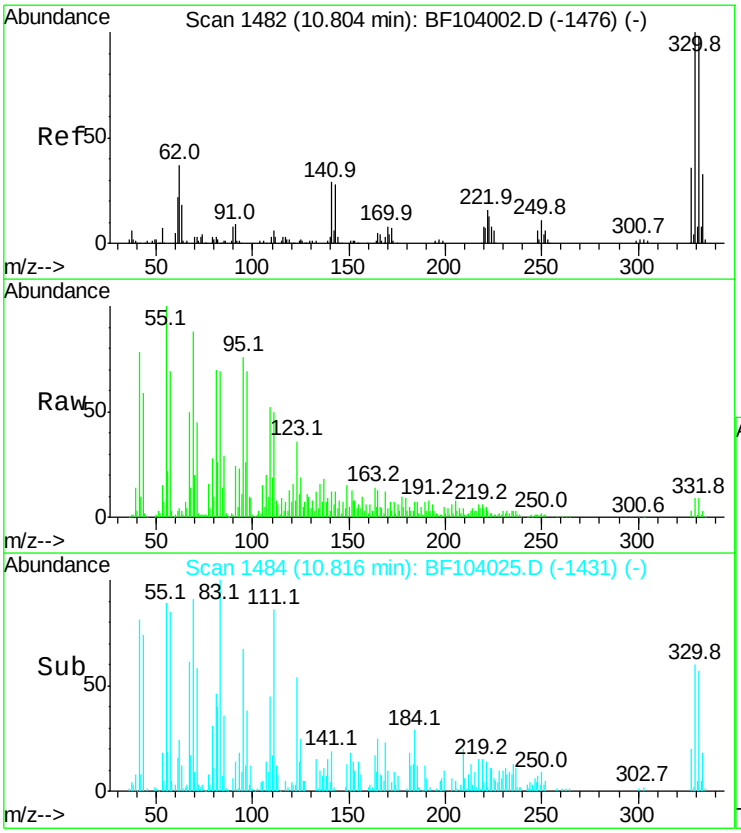
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 155412

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.5	38.3	57.5

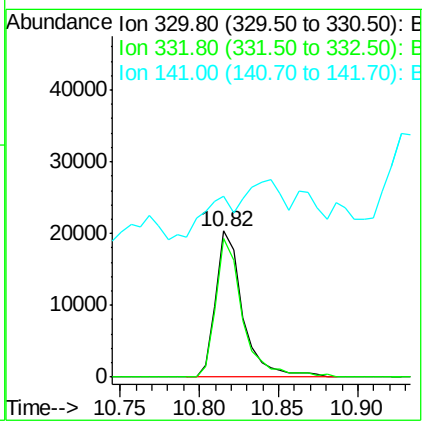


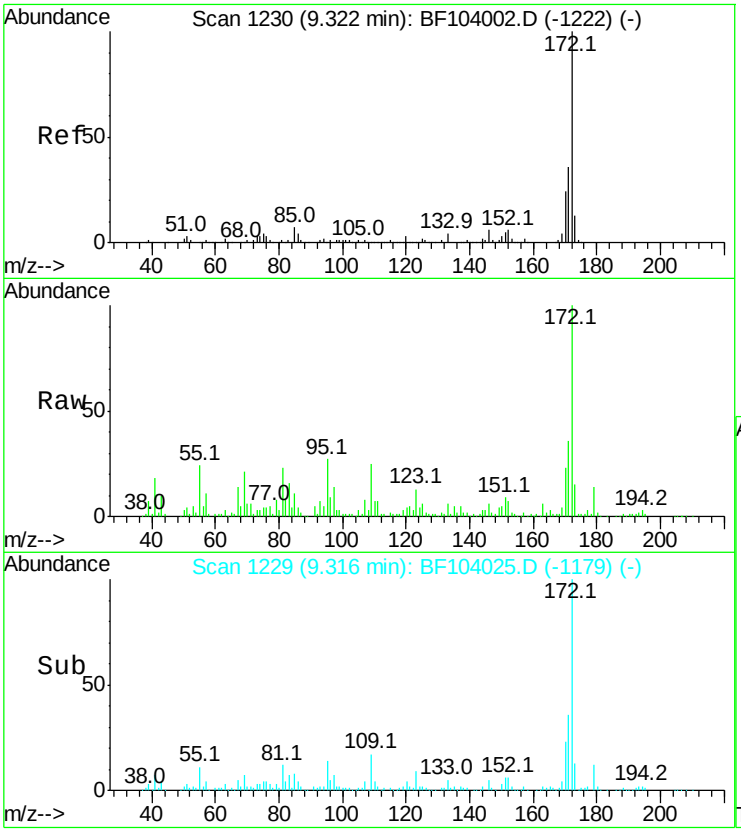


#41
2,4,6-Tribromophenol
Concen: 13.948 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:330 Resp: 24138

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	29.1	29.9	44.9#



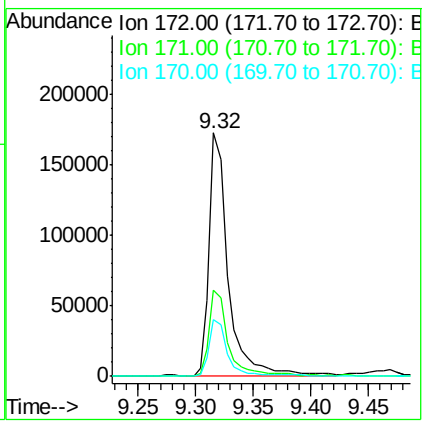


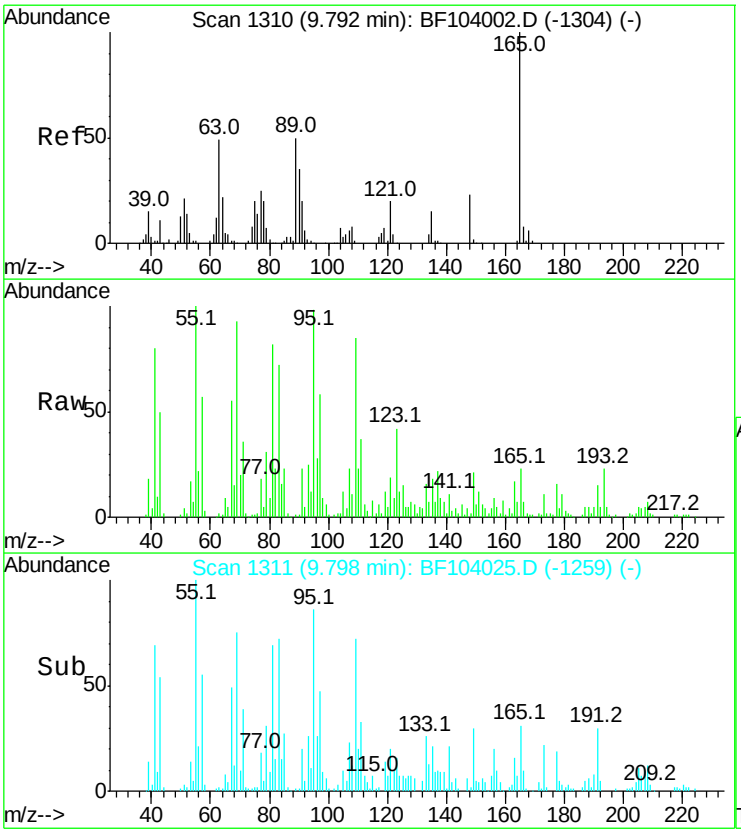
#44
2-Fluorobiphenyl
Concen: 20.398 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 201030

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4

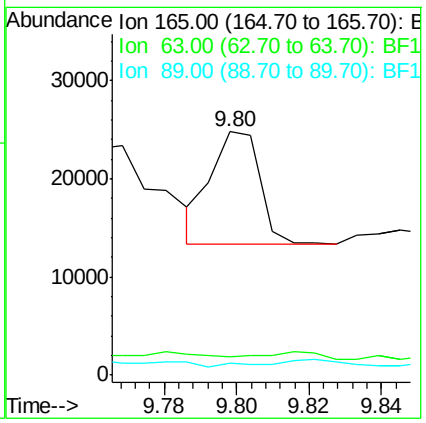


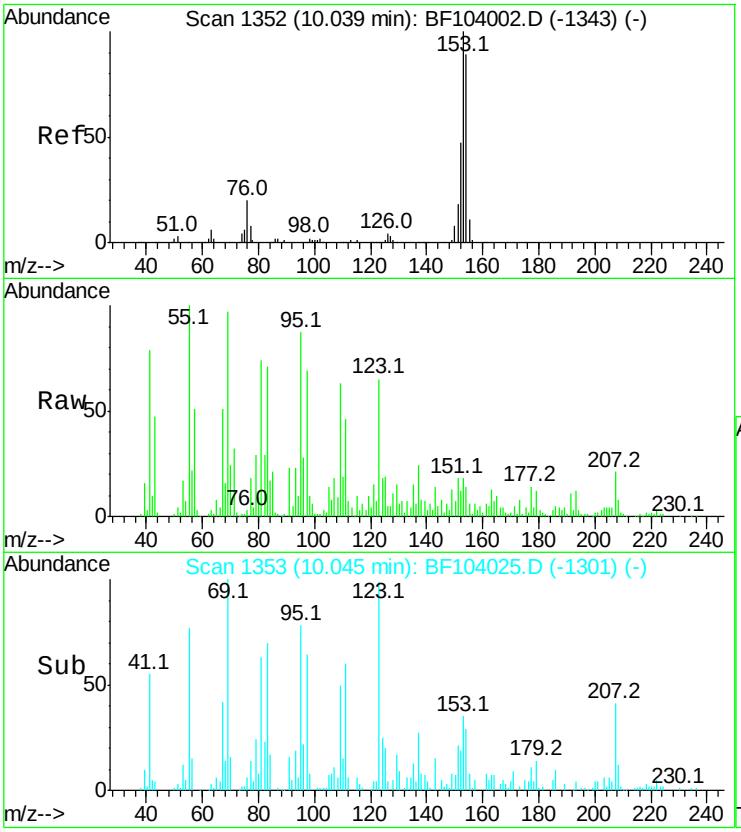


#50
2,6-Dinitrotoluene
Concen: 4.098 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:165 Resp: 10817

Ion	Ratio	Lower	Upper
165	100		
63	7.6	44.7	67.1#
89	4.8	44.0	66.0#



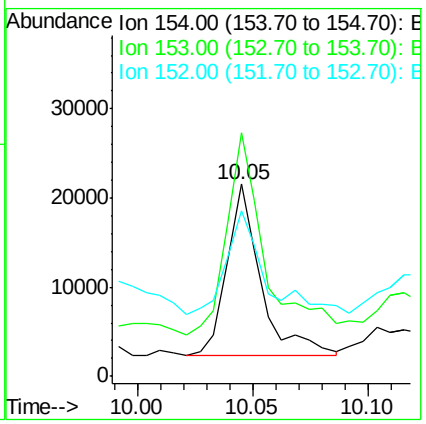


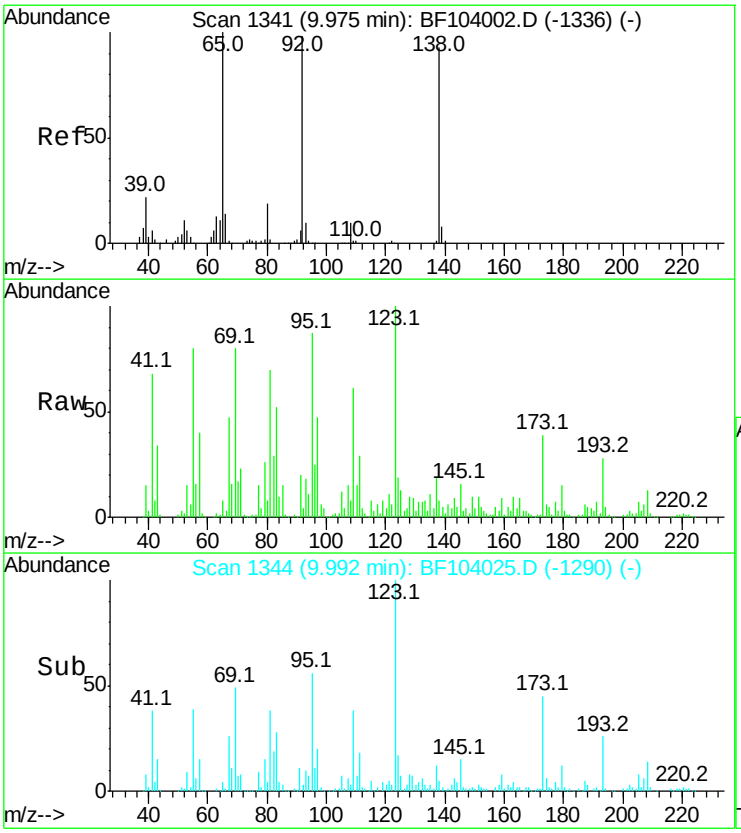
#51
Acenaphthene
Concen: 2.133 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 19666

Ion	Ratio	Lower	Upper
154	100		
153	126.9	91.2	136.8
152	86.2	43.8	65.8#

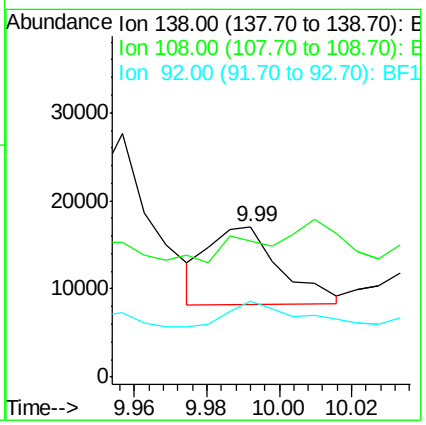


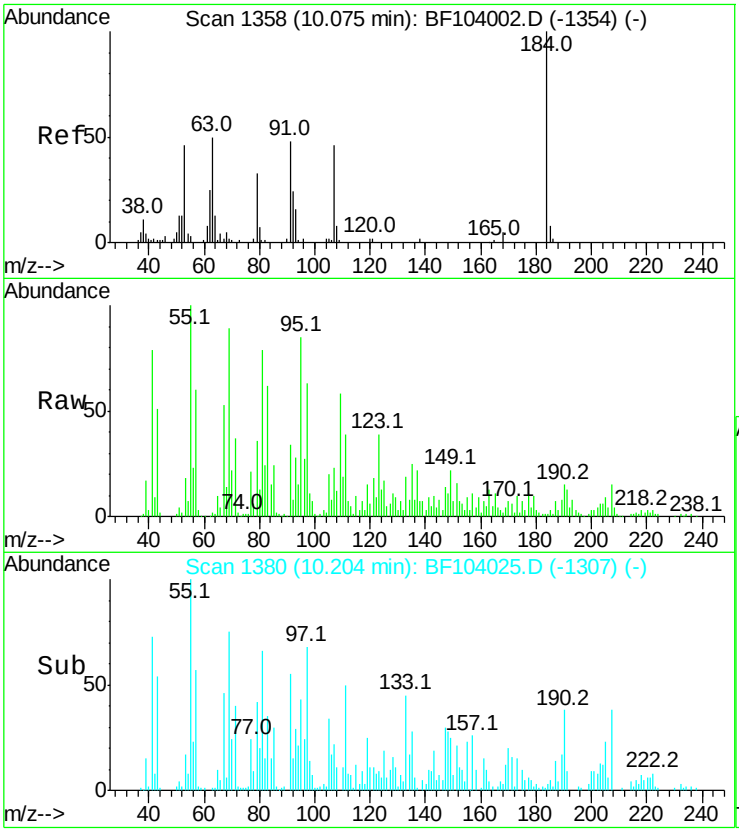


#52
3-Nitroaniline
Concen: 4.019 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:138 Resp: 12195

Ion	Ratio	Lower	Upper
138	100		
108	90.1	9.4	14.0#
92	50.1	89.4	134.2#



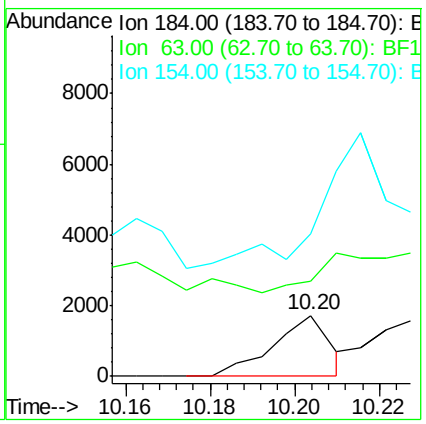


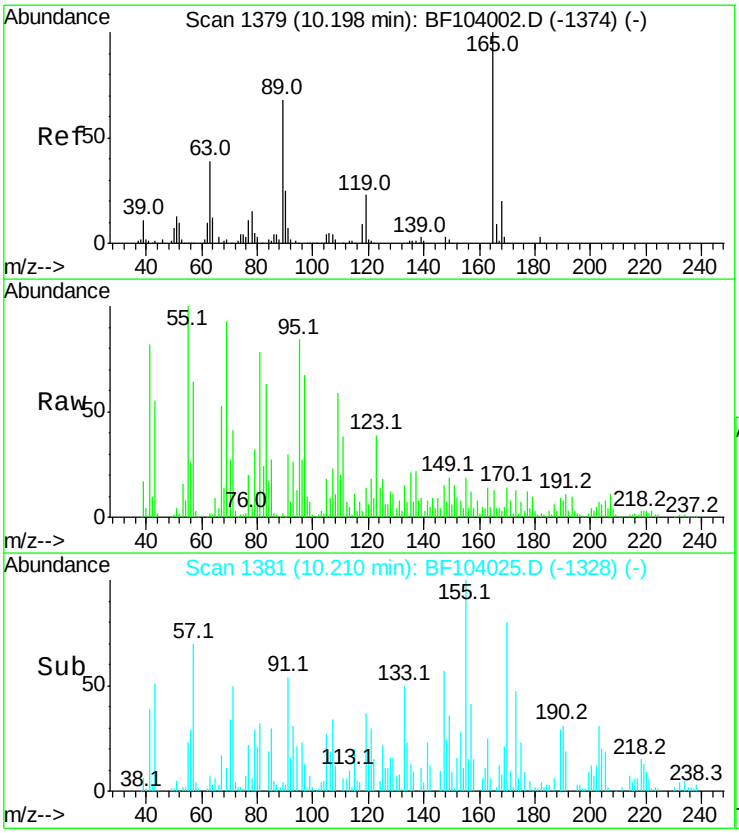
#53
2,4-Dinitrophenol
Concen: 6.861 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.13 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1596

Ion	Ratio	Lower	Upper
184	100		
63	157.8	54.2	81.2#
154	234.3	184.0	276.0

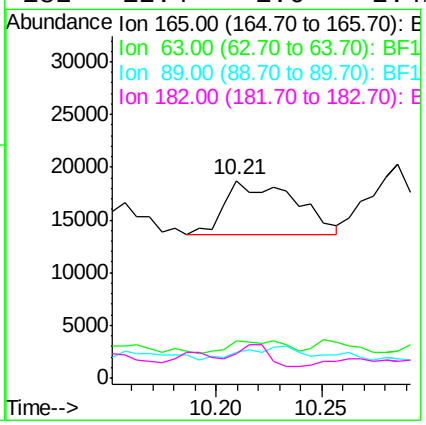


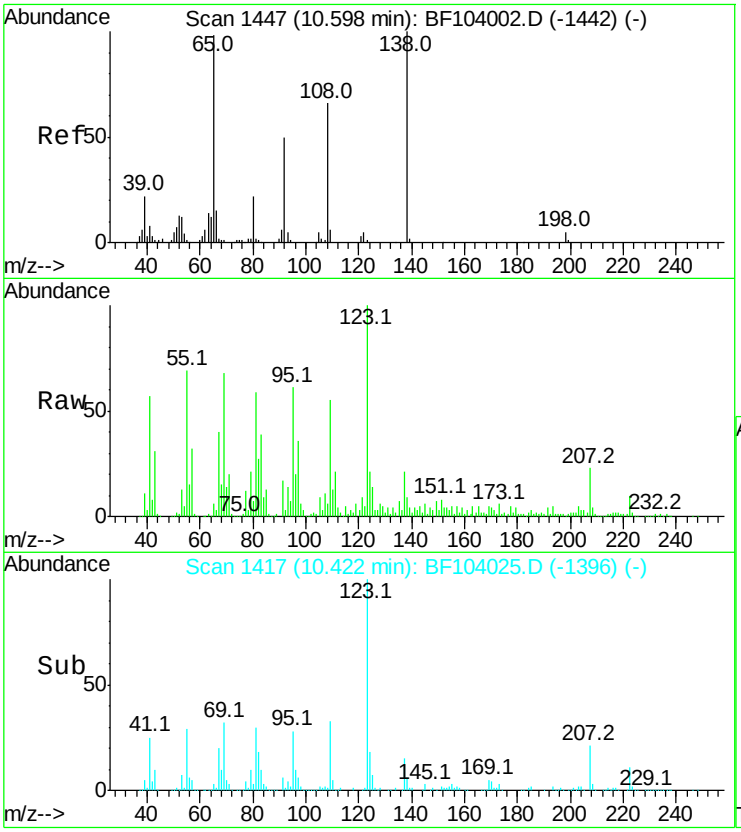


#56
2,4-Dinitrotoluene
Concen: 3.472 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:165 Resp: 11696

Ion	Ratio	Lower	Upper
165	100		
63	18.6	36.4	54.6#
89	12.9	57.8	86.6#
182	12.4	1.6	2.4#



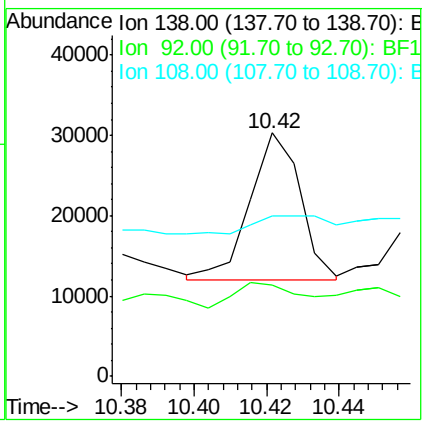


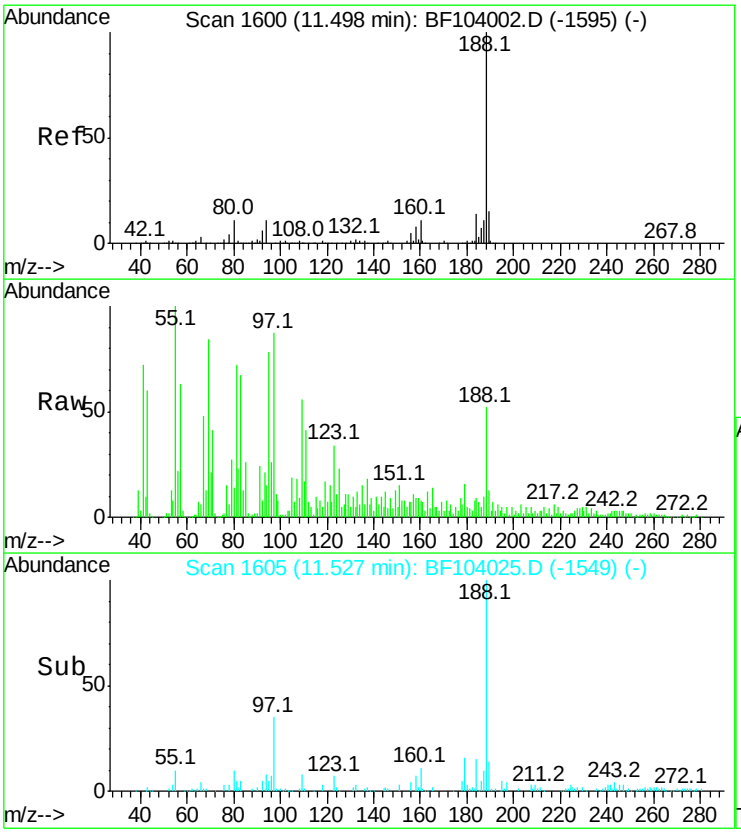
#61
4-Nitroaniline
Concen: 6.234 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.18 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 17700

Ion	Ratio	Lower	Upper
138	100		
92	37.5	30.2	70.2
108	65.8	52.5	92.5

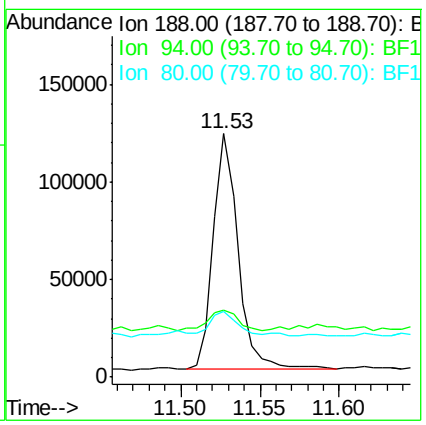


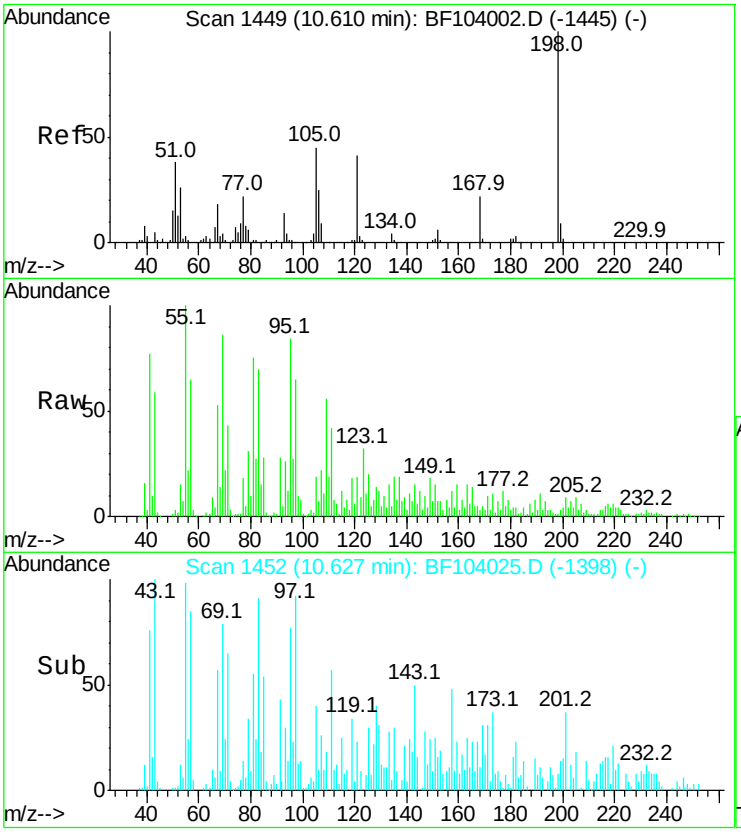


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.03 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:188 Resp: 131277

Ion	Ratio	Lower	Upper
188	100		
94	27.7	8.5	12.7#
80	27.1	9.2	13.8#



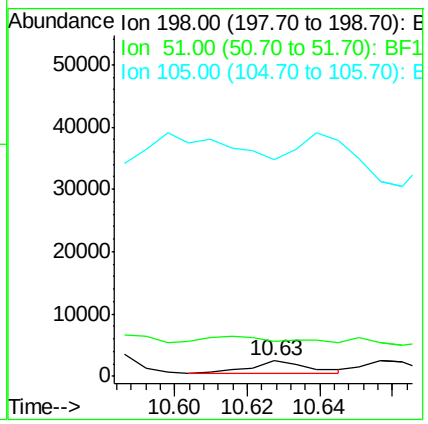


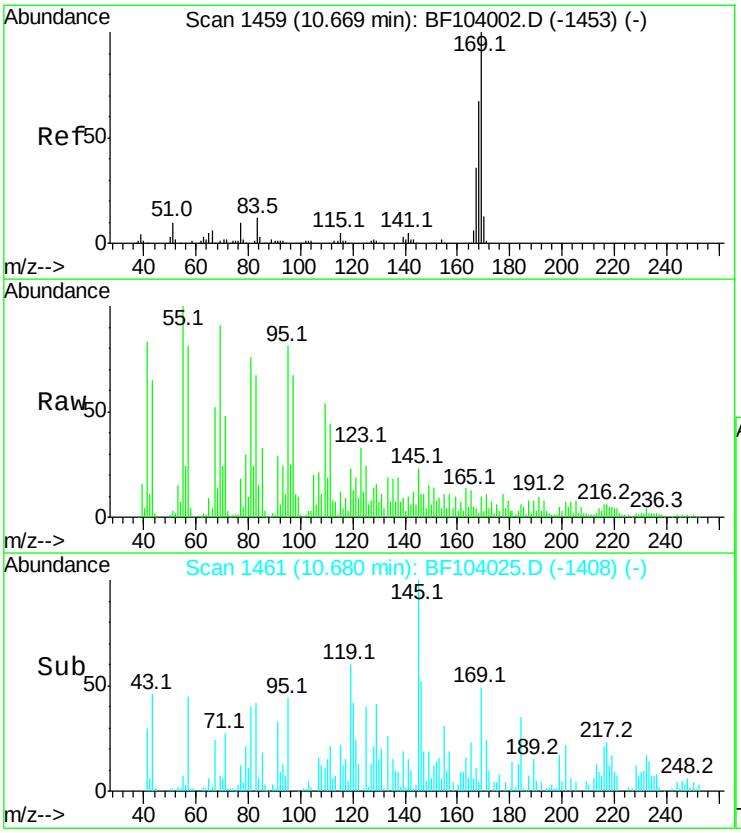
#64
4,6-Dinitro-2-methylphenol
Concen: 2.450 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1947

Ion	Ratio	Lower	Upper
198	100		
51	229.9	37.7	77.7#
105	1407.8	36.3	76.3#

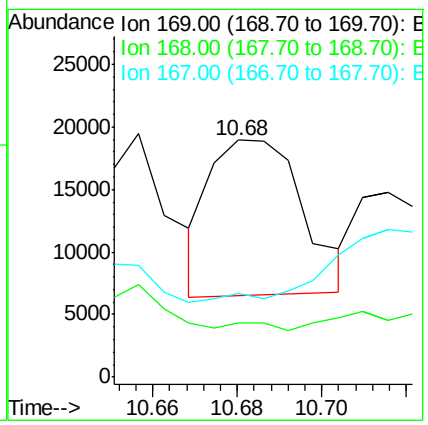


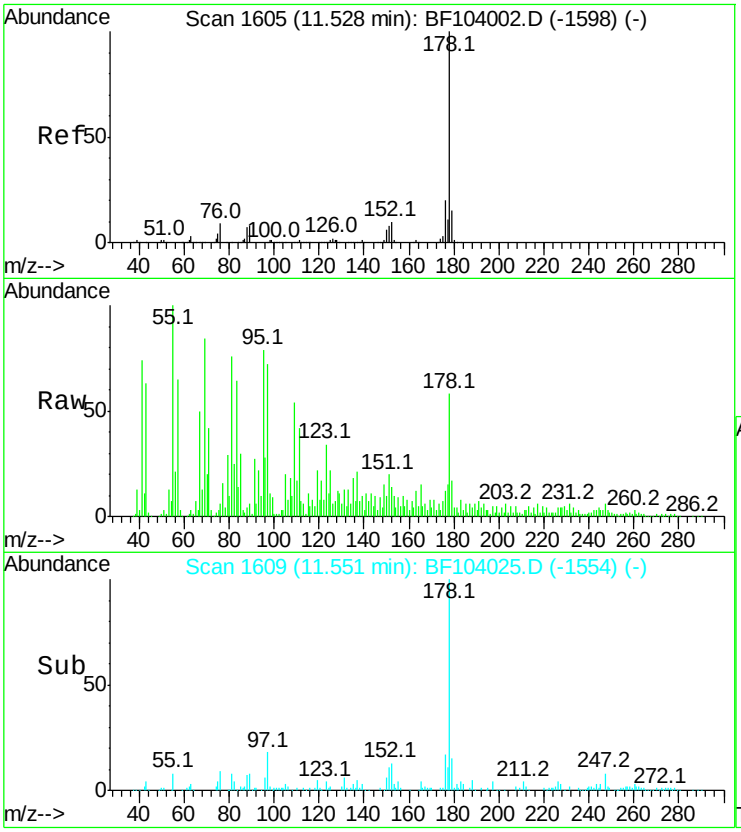


#65
n-Nitrosodiphenylamine
Concen: 4.264 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:169 Resp: 18958

Ion	Ratio	Lower	Upper
169	100		
168	22.7	54.4	81.6#
167	35.1	29.8	44.6



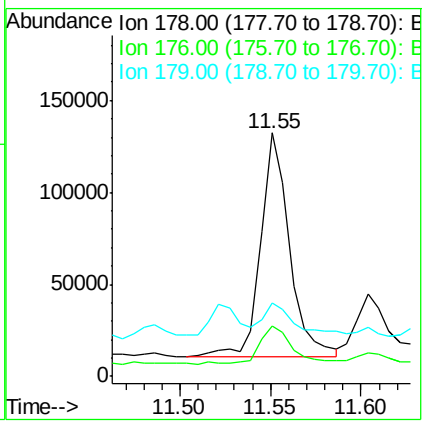


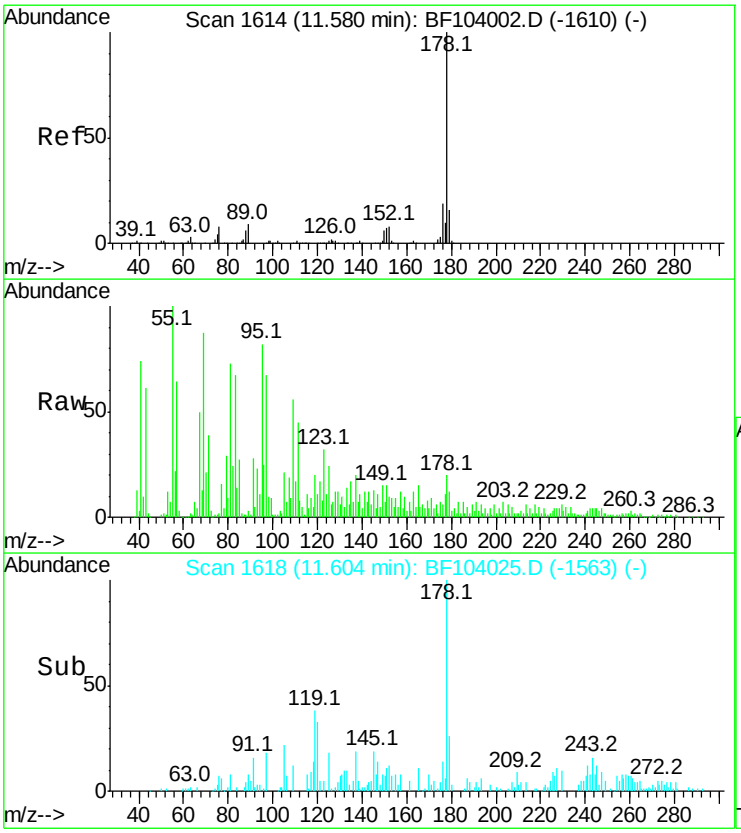
#70
Phenanthrene
Concen: 19.179 ng
RT: 11.55 min Scan# 1609
Delta R.T. 0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 136315

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	30.3	13.0	19.6#

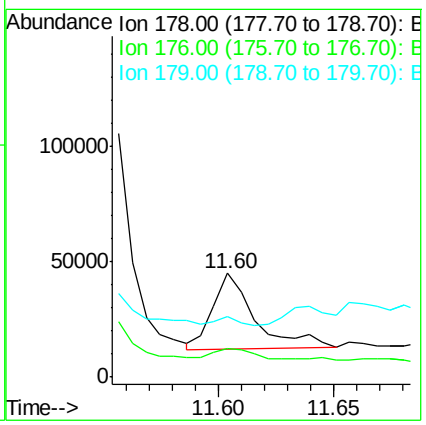


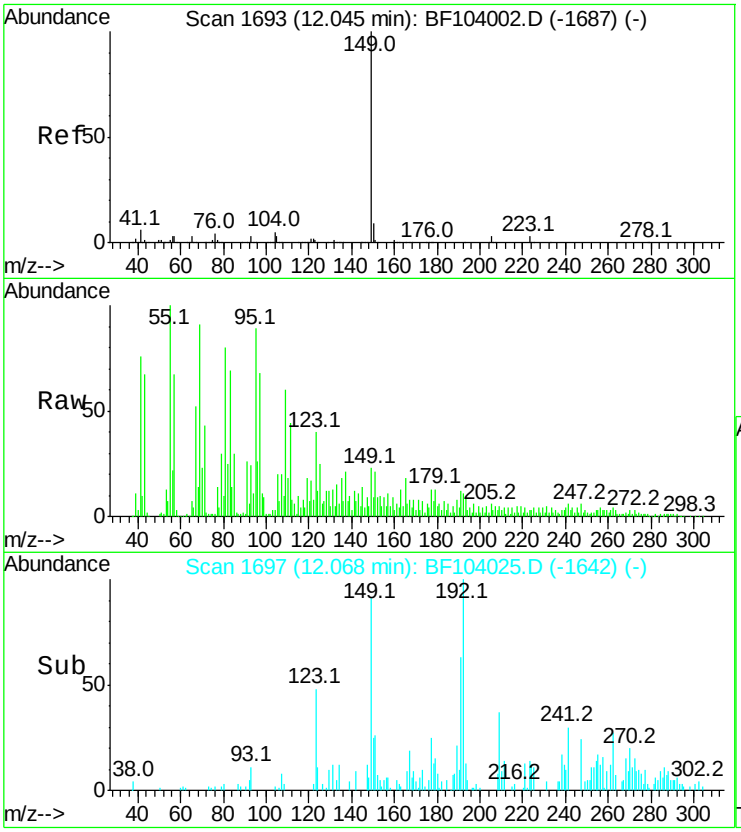


#71
Anthracene
Concen: 5.549 ng
RT: 11.60 min Scan# 1618
Delta R.T. 0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:178 Resp: 41194

Ion	Ratio	Lower	Upper
178	100		
176	27.9	15.4	23.2#
179	58.9	12.6	19.0#



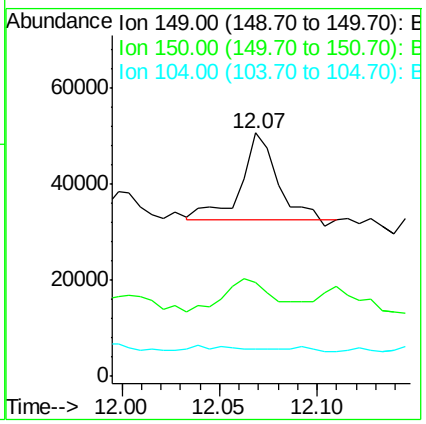


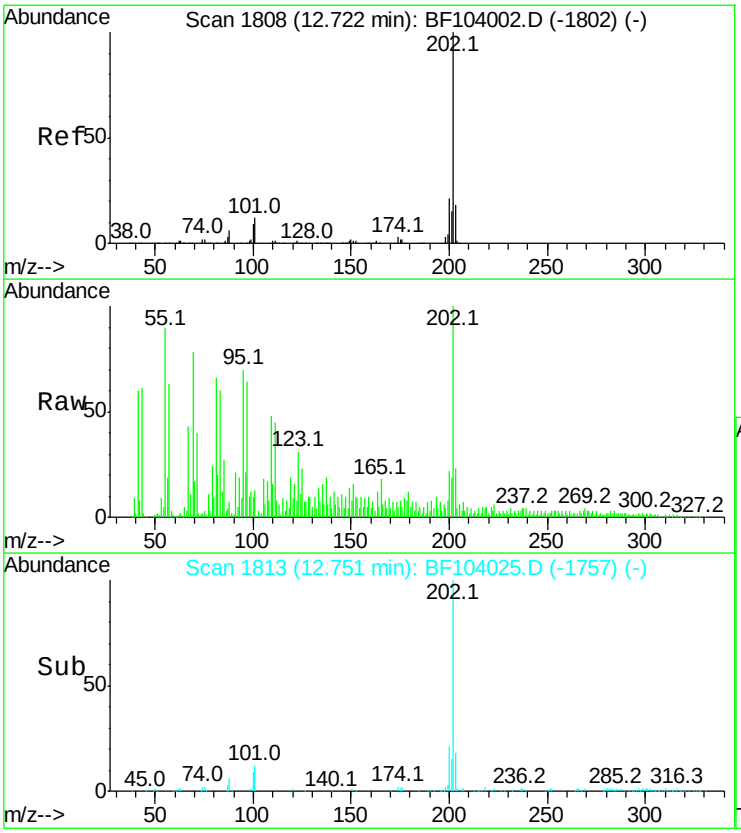
#73
Di-n-butylphthalate
Concen: 2.687 ng
RT: 12.07 min Scan# 1697
Delta R.T. 0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 22675

Ion	Ratio	Lower	Upper
149	100		
150	38.4	7.8	11.6#
104	11.0	3.8	5.8#

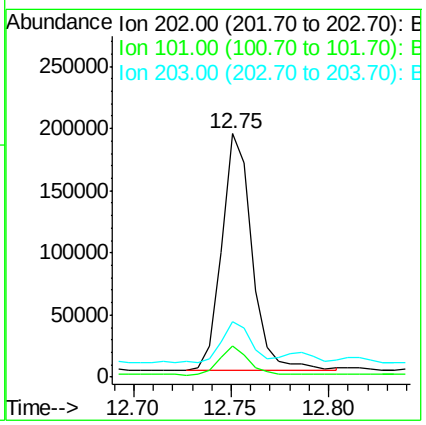


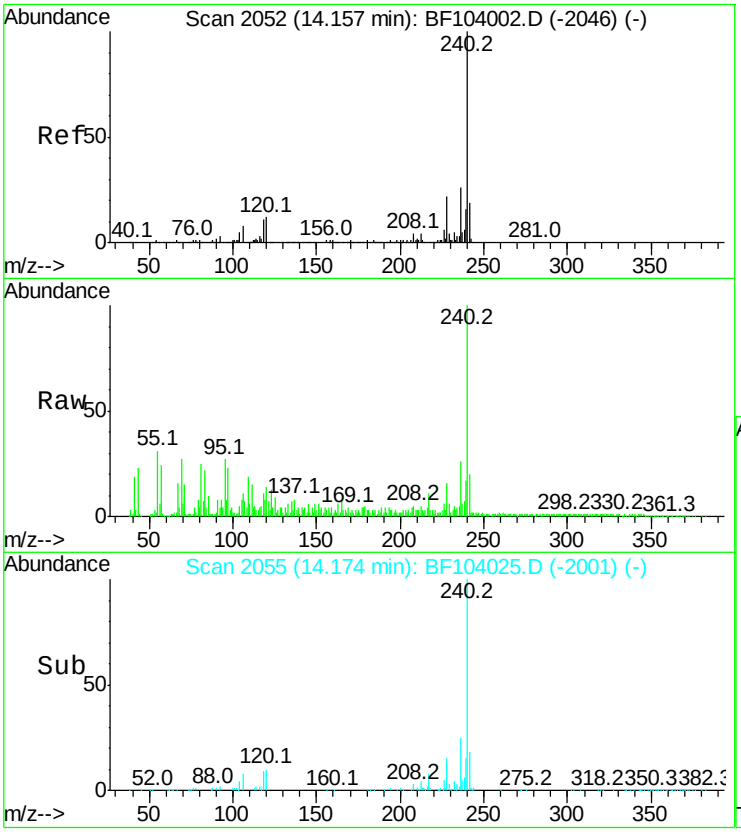


#74
Fluoranthene
Concen: 27.340 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.03 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:202 Resp: 206555

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	23.0	0.0	38.1



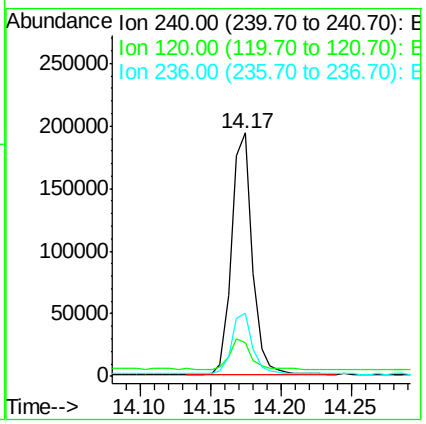


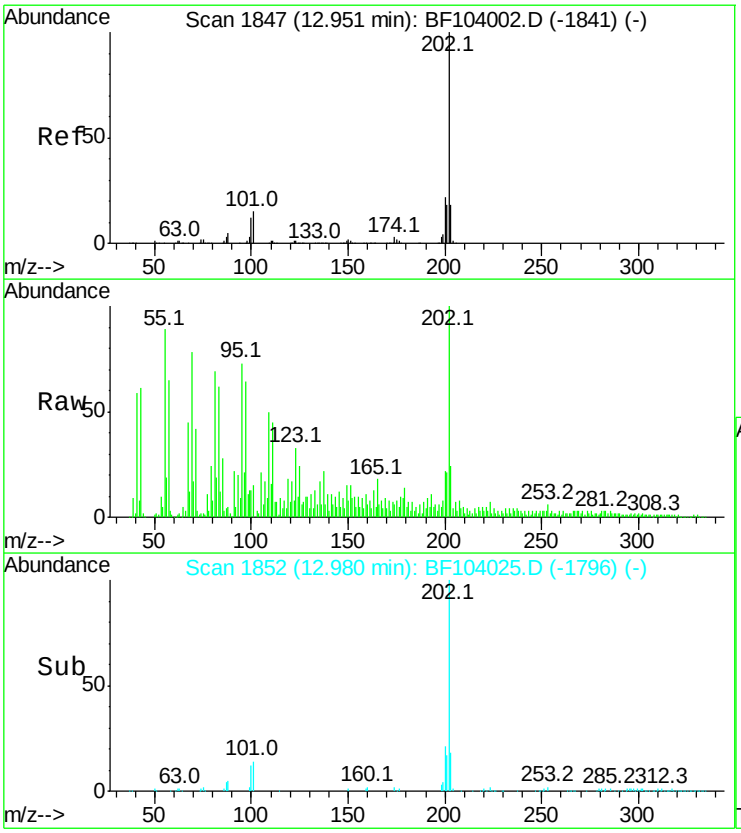
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 197866

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.0	20.7	31.1

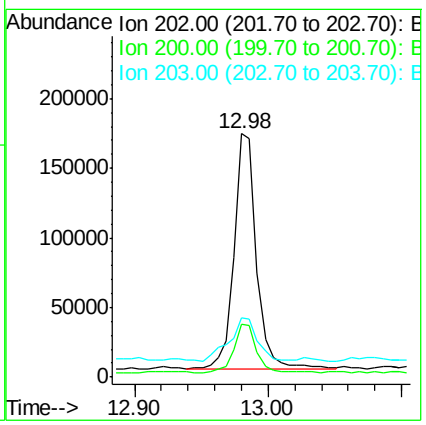


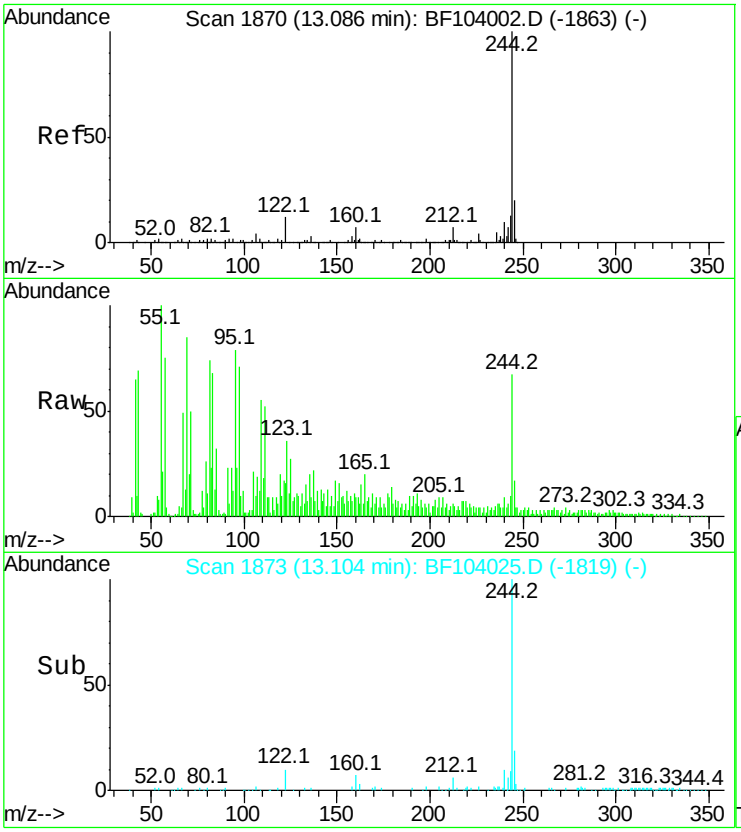


#77
Pyrene
Concen: 13.867 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.03 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:202 Resp: 197238

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	24.2	14.3	21.5#



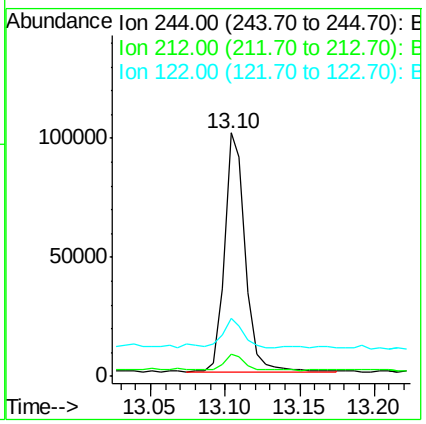


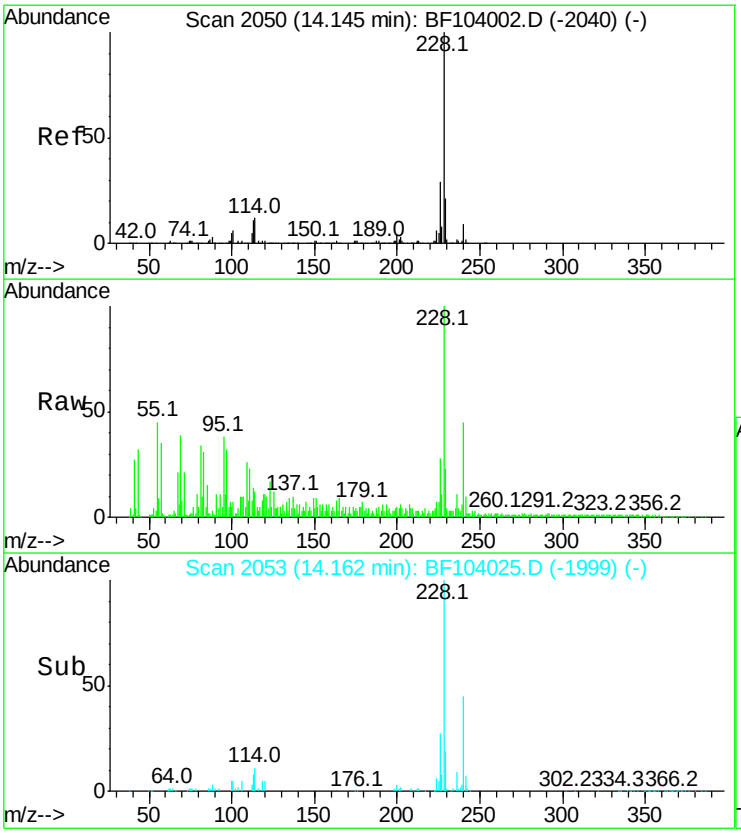
#78
Terphenyl-d14
Concen: 11.444 ng
RT: 13.10 min Scan# 1873
Delta R.T. 0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 98073

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.4	8.0#
122	24.0	11.0	16.4#

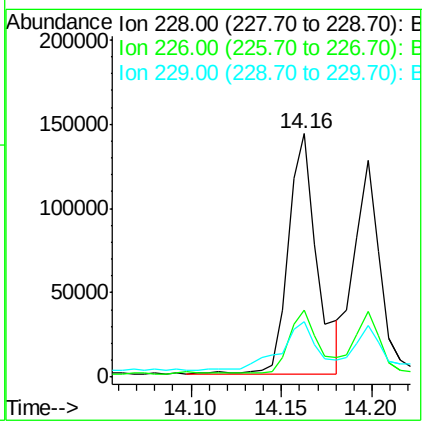


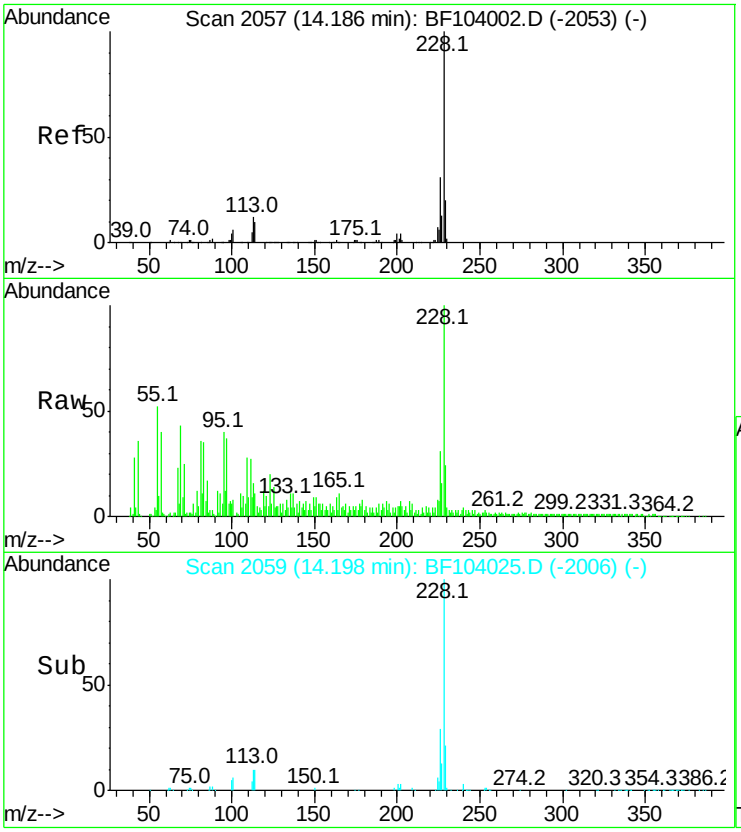


#80
Benzo(a)anthracene
Concen: 12.685 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:228 Resp: 157054

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	22.9	15.8	23.6



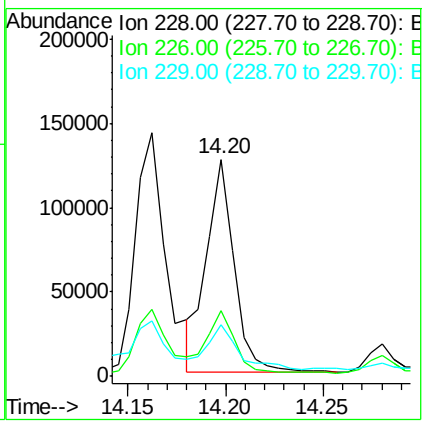


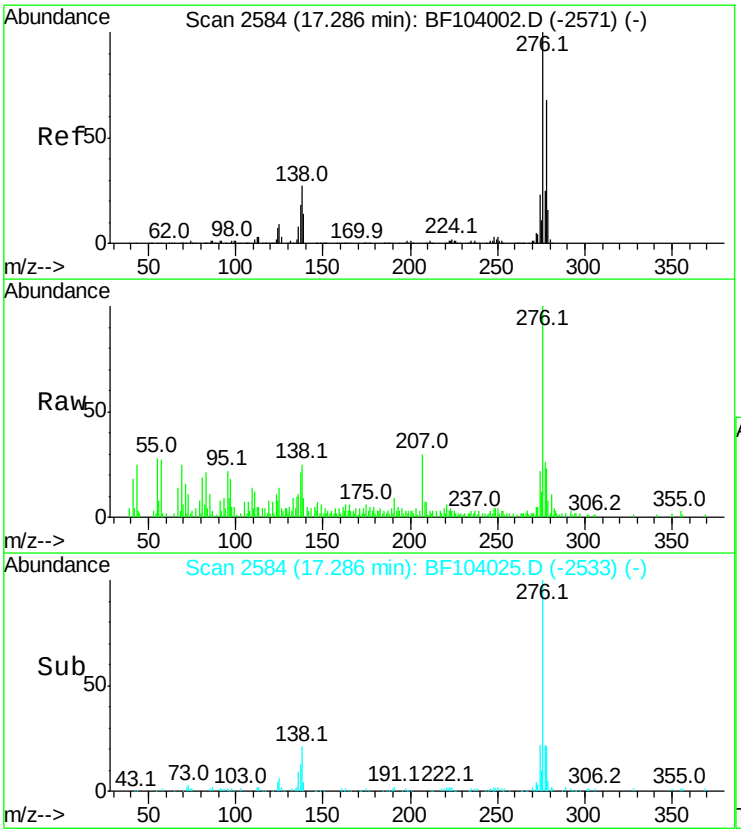
#82
Chrysene
Concen: 10.403 ng
RT: 14.20 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 126153

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	23.6	16.2	24.4

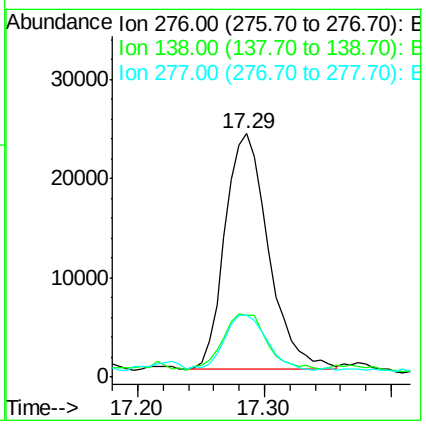


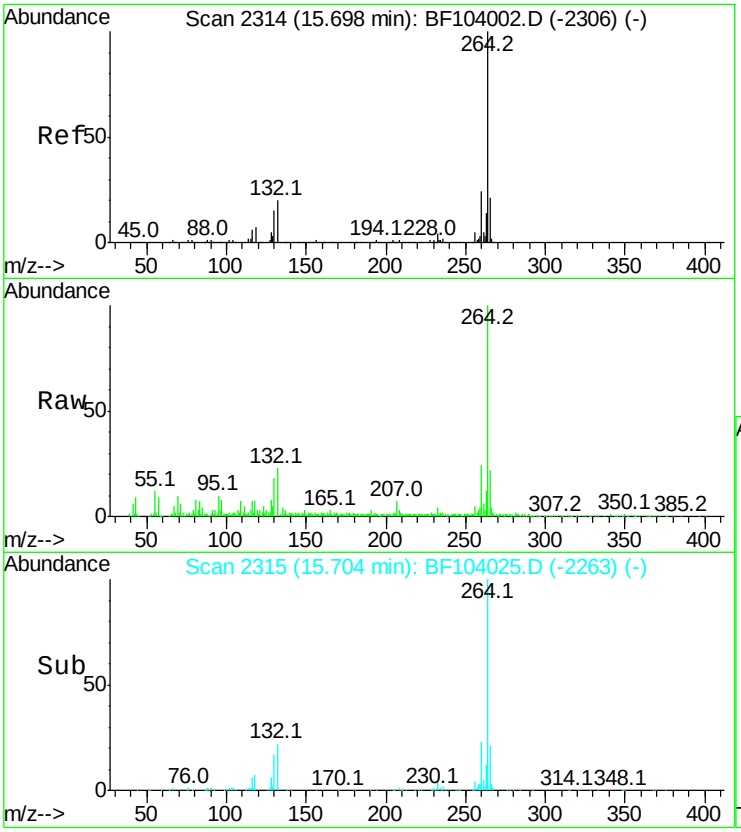


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.503 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:276 Resp: 56579

Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	22.7	20.1	30.1



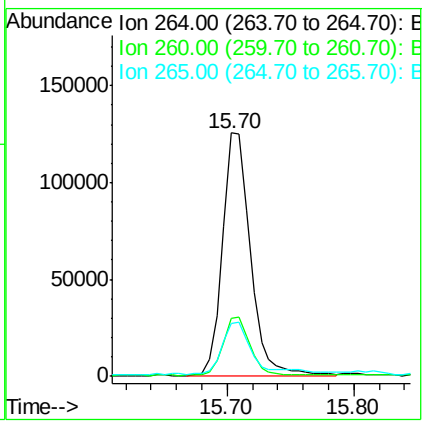


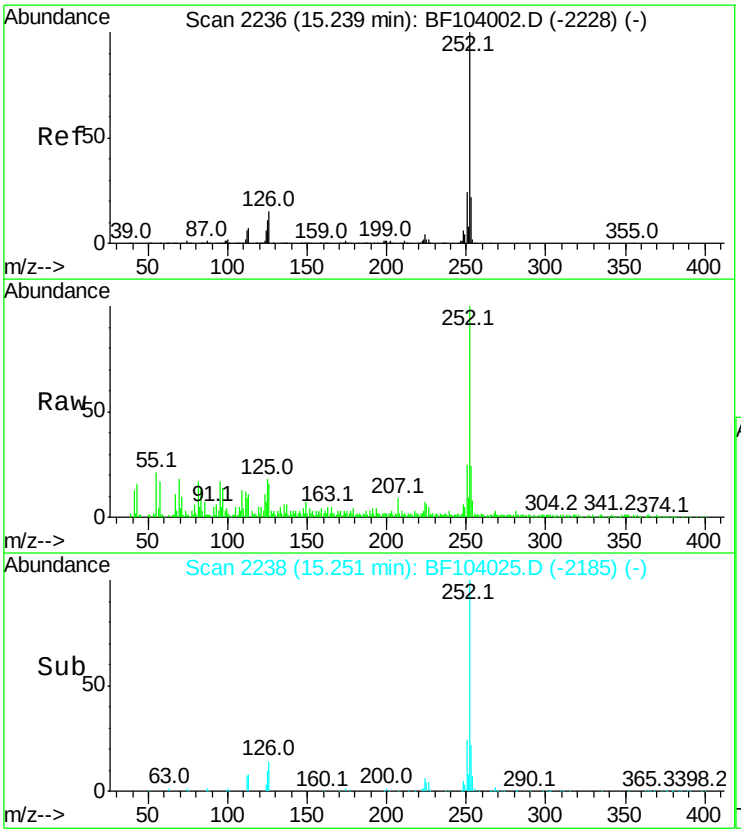
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 190724

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3

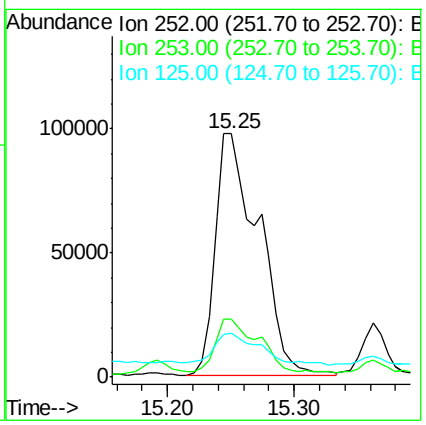


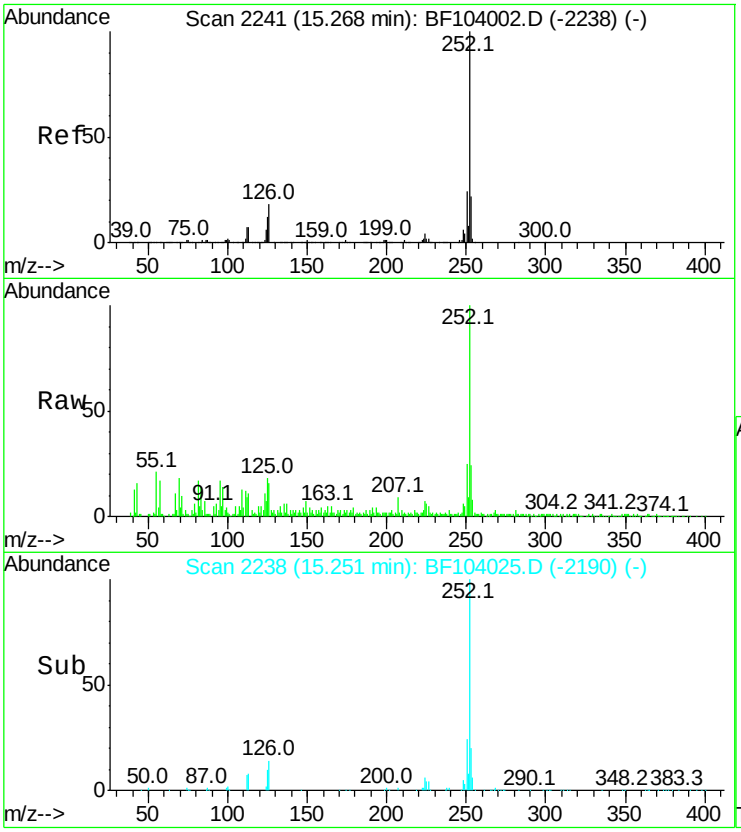


#87
Benzo(b)fluoranthene
Concen: 19.872 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:252 Resp: 230654

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	18.2	9.0	13.6#



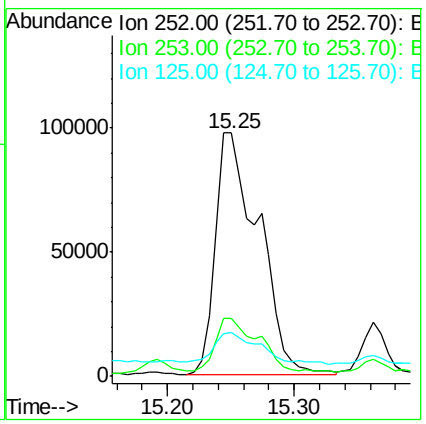


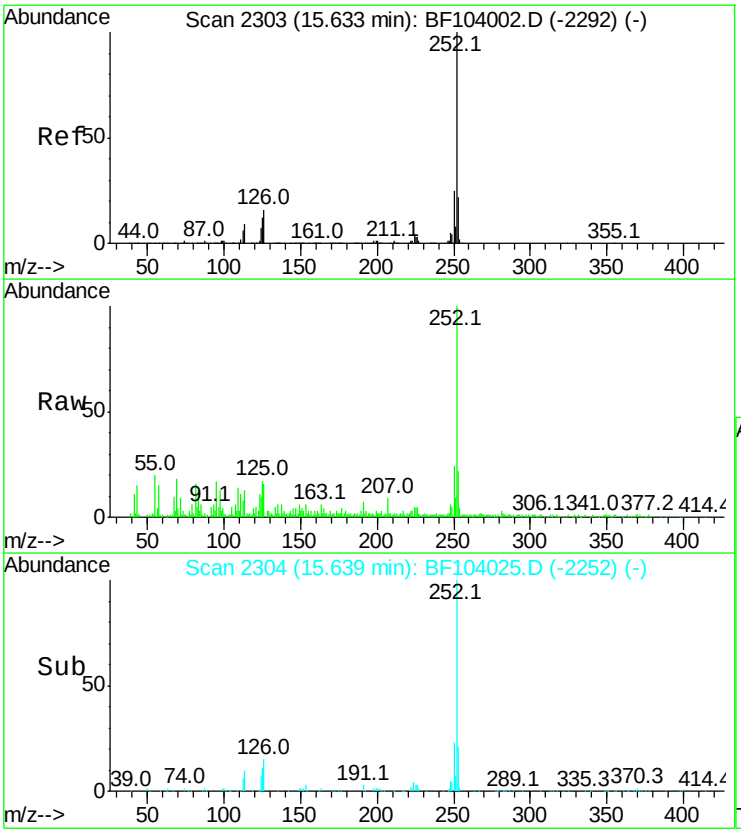
#88
Benzo(k)fluoranthene
Concen: 21.086 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 230562

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	18.2	10.2	15.2#

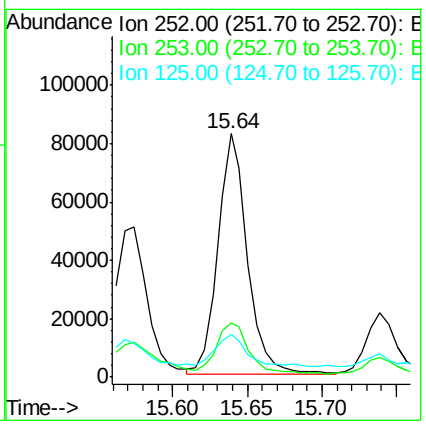


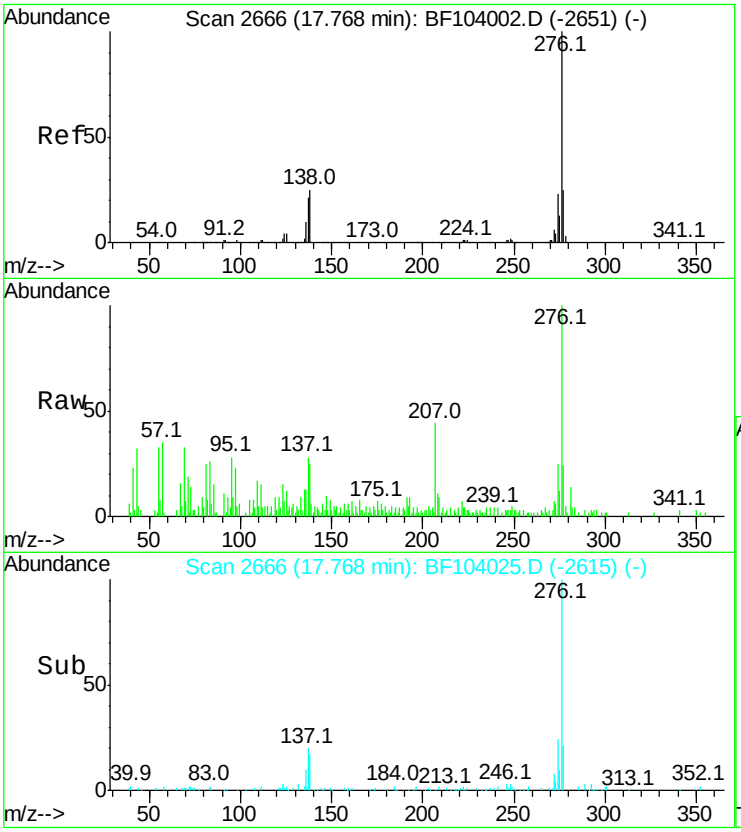


#89
Benzo(a)pyrene
Concen: 10.738 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Tgt Ion:252 Resp: 115500

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	17.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.157 ng
RT: 17.77 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BF104025.D
Acq: 28 Mar 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 51372

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	24.8	21.8	32.8