Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 26 13:21:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	159336	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	653814	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	264783	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	381862	20.00	ng	0.00
75) Chrysene-d12	14.04	240	280837	20.00	ng	0.00
86) Perylene-d12	15.53	264	299393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	572242	54.32	ng	0.00
7) Phenol-d6	6.50	99	670204	51.99	ng	0.00
23) Nitrobenzene-d5	7.43	82	430367	37.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	95893	42.79	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	597484	32.89	ng	0.00
78) Terphenyl-d14	12.97	244	381701	32.67	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1063	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	56434	7.034	ng	# 83
25) Isophorone	7.43	82	430365	19.086	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	36043	8.086	ng	# 26
51) Acenaphthene	9.94	154	37729	2.396	ng	98
56) 2,4-Dinitrotoluene	9.90	165	36196	6.420	ng	# 24
57) Fluorene	10.46	166	49439	2.685	ng	100
64) 4,6-Dinitro-2-methylphenol	10.70	198	107	4.987	ng	# 1
70) Phenanthrene	11.42	178	324786	15.455	ng	99
71) Anthracene	11.47	178	123663	5.739	ng	97
74) Fluoranthene	12.61	202	531583	25.172	ng	99
77) Pyrene	12.84	202	464326	21.206	ng	99
80) Benzo(a)anthracene	14.03	228	250588	13.752	ng	98
82) Chrysene	14.07	228	235443	13.307	ng	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	121245	8.656	ng	96
87) Benzo(b)fluoranthene	15.10	252	423032	21.490	ng	# 94
88) Benzo(k)fluoranthene	15.10	252	423032	22.822	ng	97
89) Benzo(a)pyrene	15.47	252	232987	13.254	ng	# 93
90) Dibenzo(a,h)anthracene	17.04	278	29335	2.160	ng	# 80
91) Benzo(g,h,i)perylene	17.50	276	119386	8.993	ng	95

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

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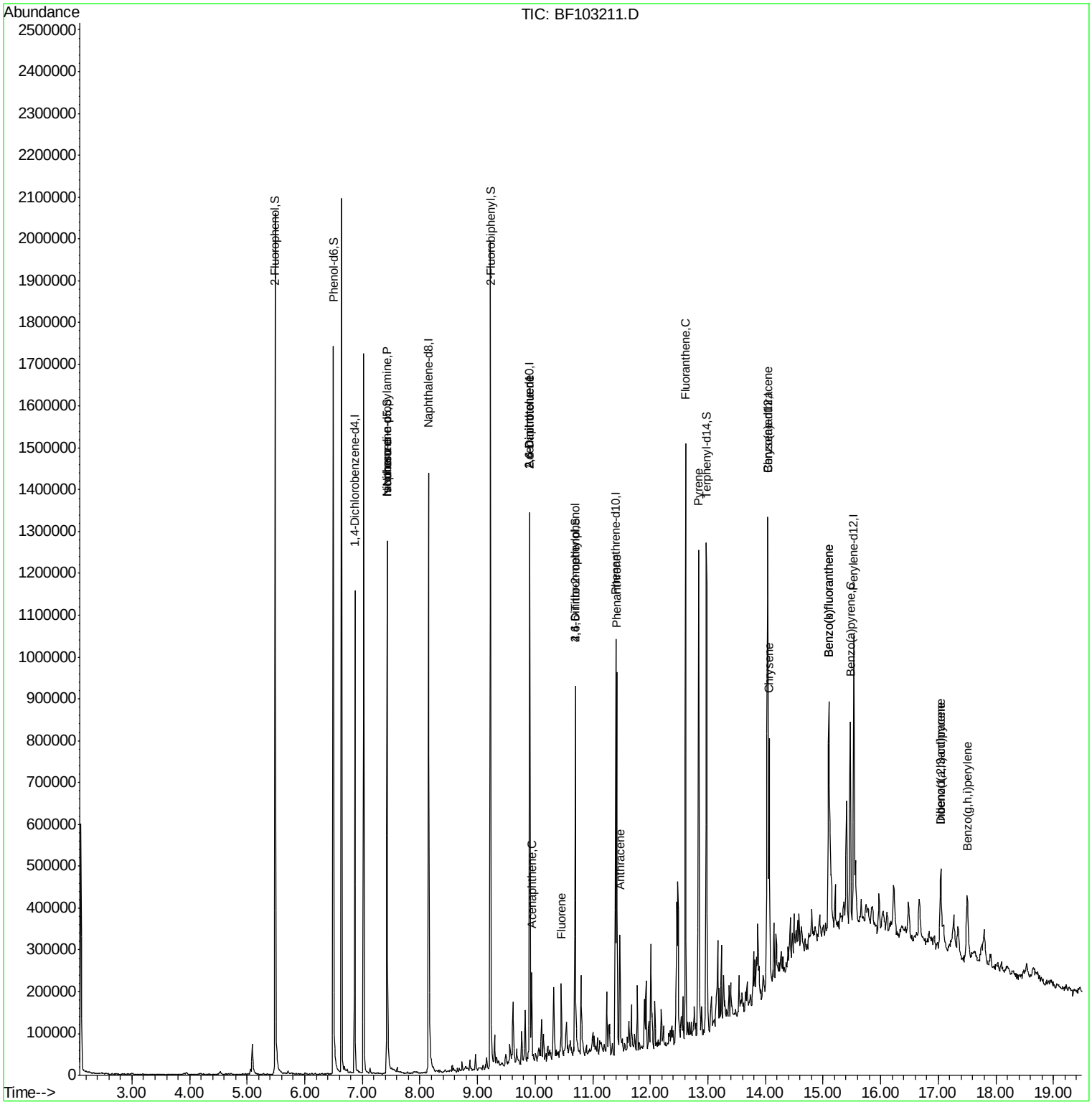
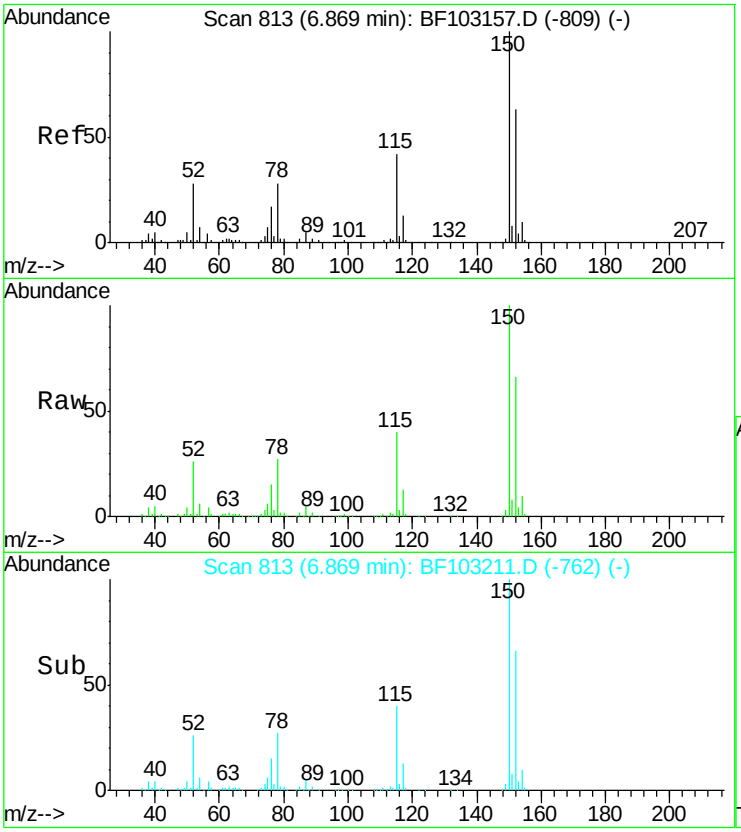


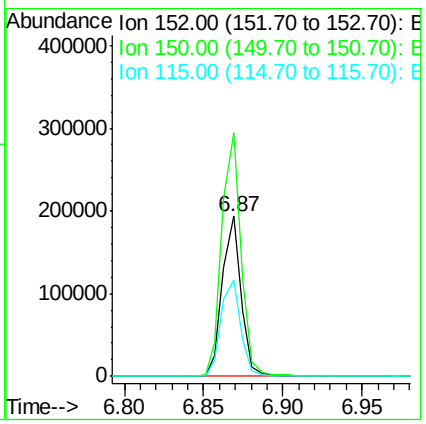


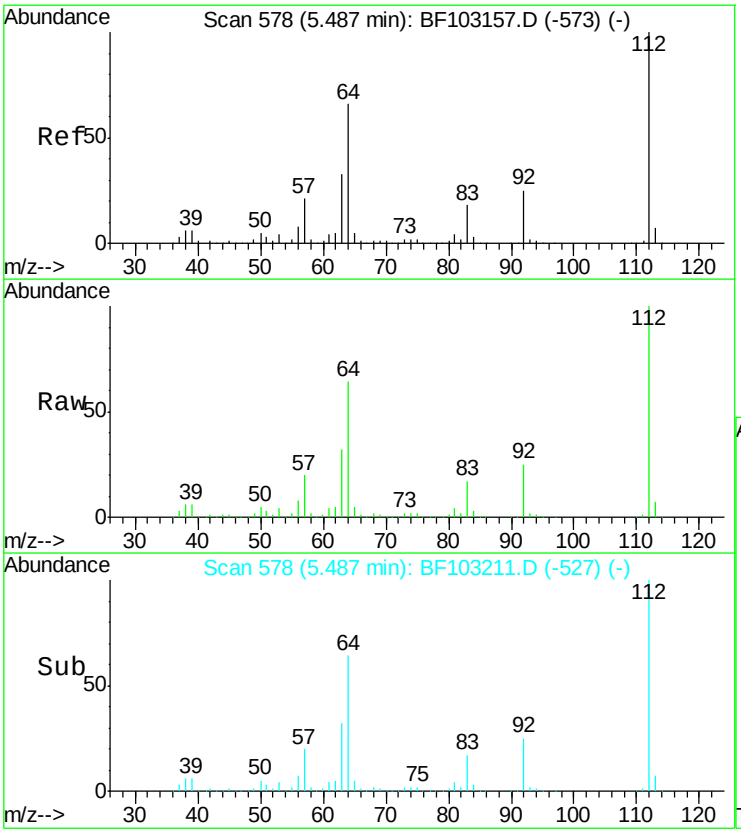
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 159336

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	60.5	50.1	75.1

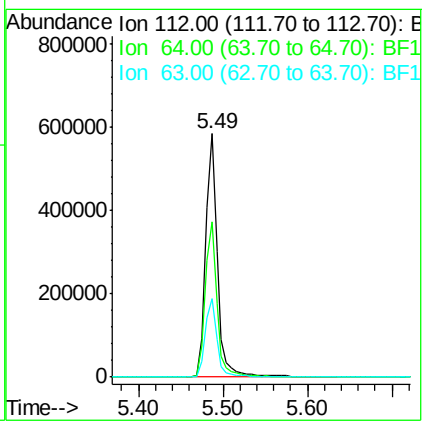


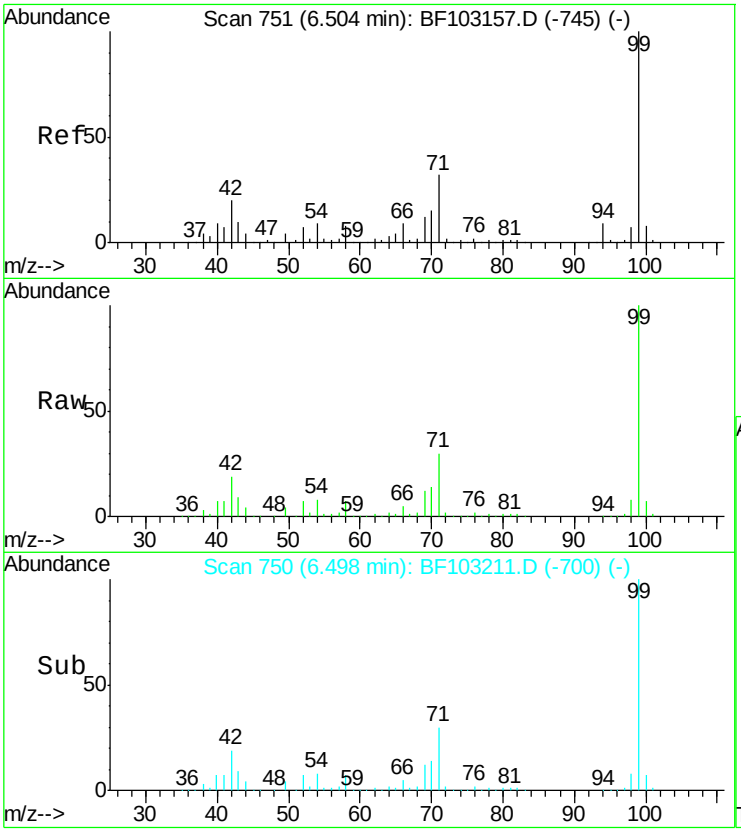


#5
2-Fluorophenol
Concen: 54.318 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:112 Resp: 572242

Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.3	23.7	35.5



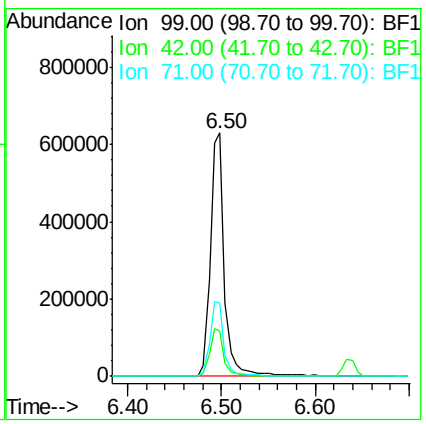


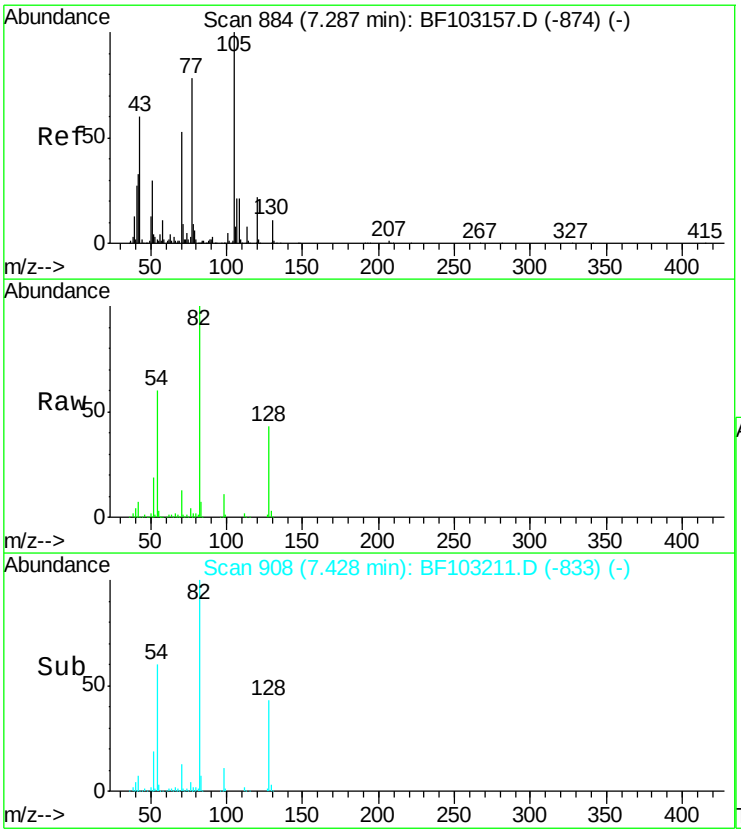
#7
Phenol-d6
Concen: 51.989 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 670204

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	30.3	25.4	38.0

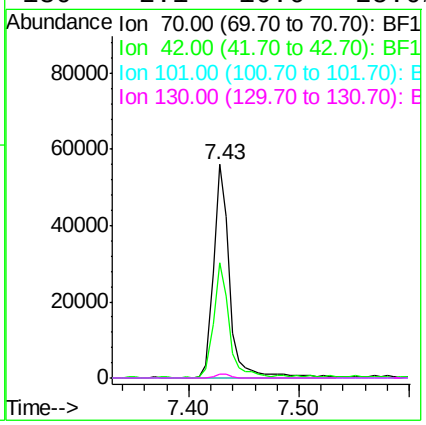


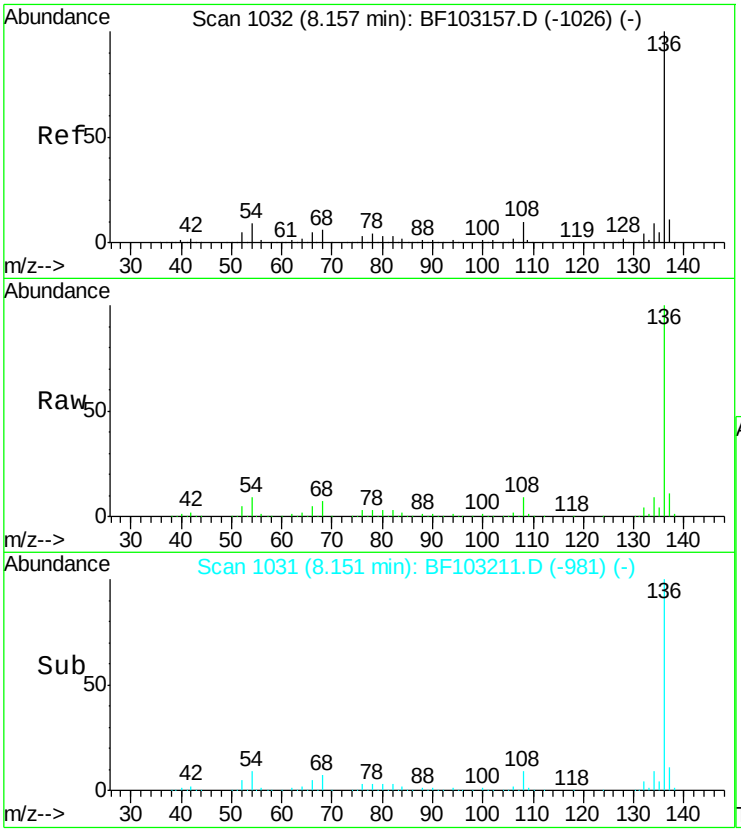


#19
n-Nitroso-di-n-propylamine
Concen: 7.034 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion: 70 Resp: 56434

Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



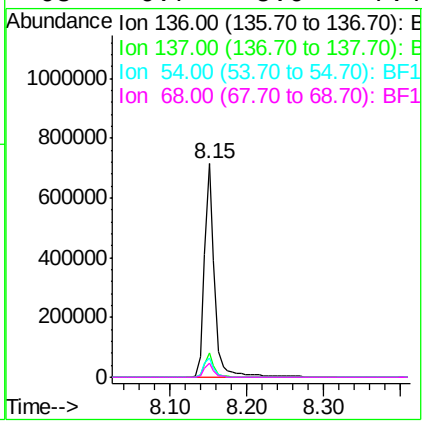


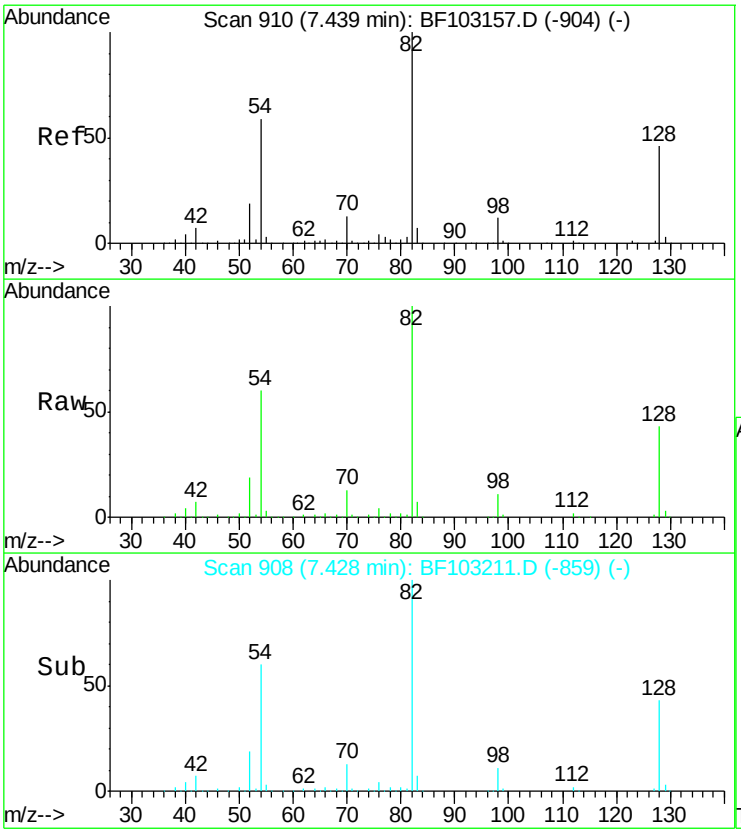
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 653814

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	6.6	9.8
68	6.7	5.0	7.4

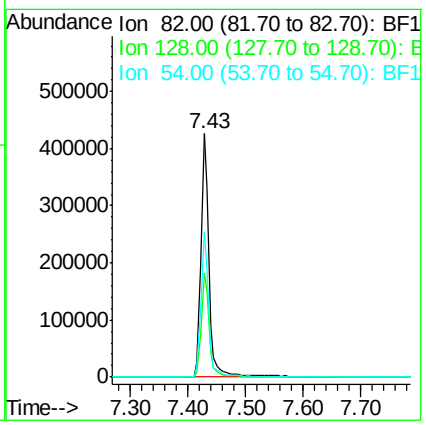


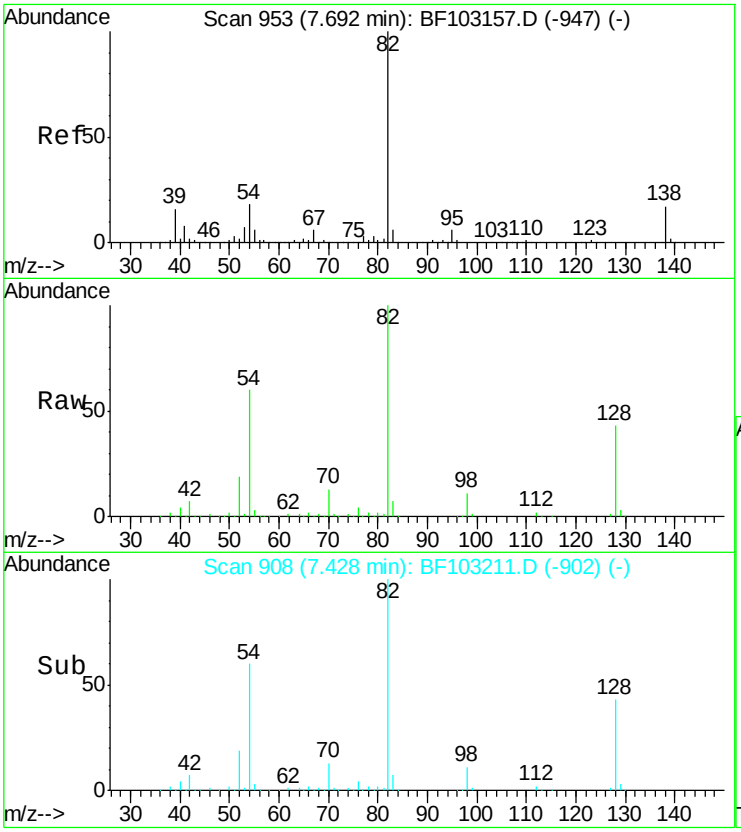


#23
Nitrobenzene-d5
Concen: 37.591 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion: 82 Resp: 430367

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	59.7	41.4	62.2



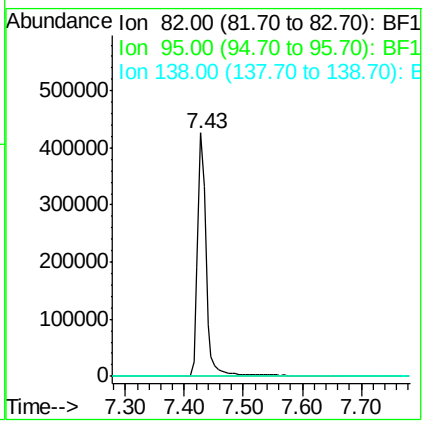


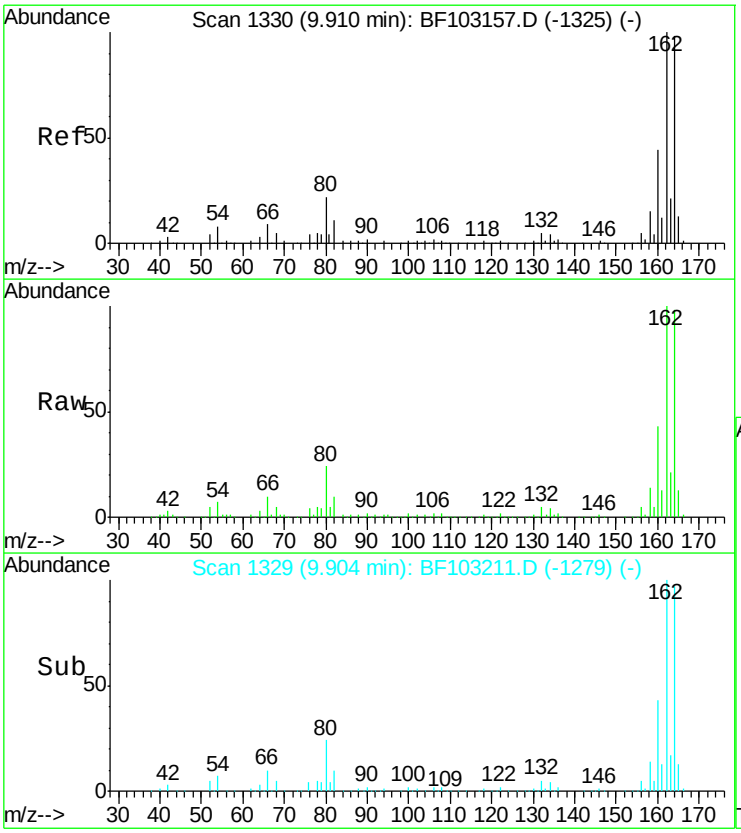
#25
Isophorone
Concen: 19.086 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 430365

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

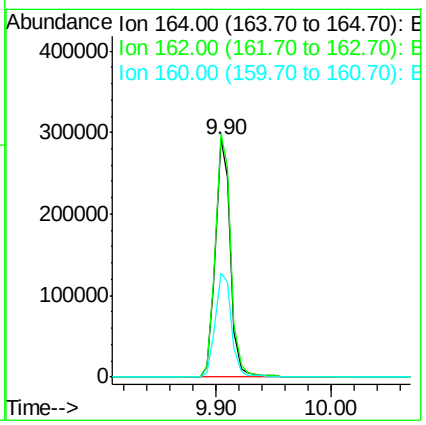


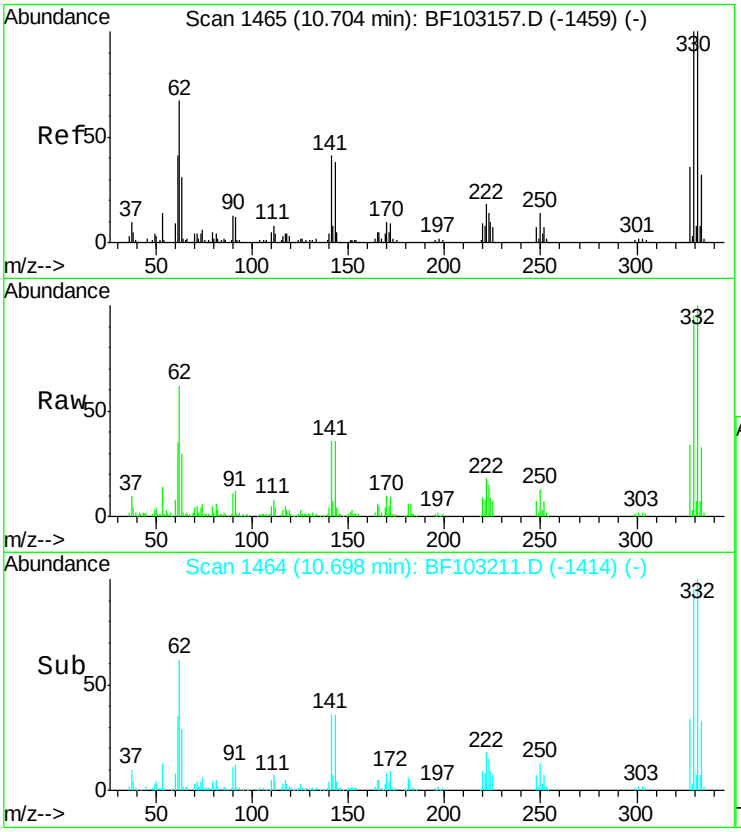


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:164 Resp: 264783

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	43.7	38.3	57.5



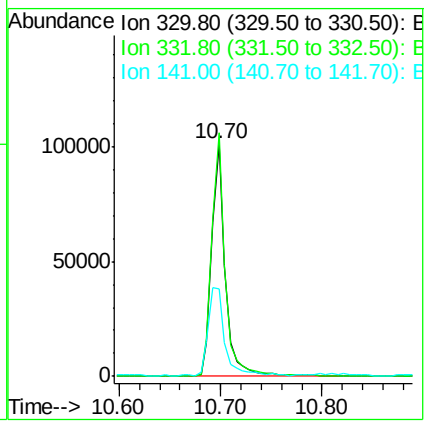


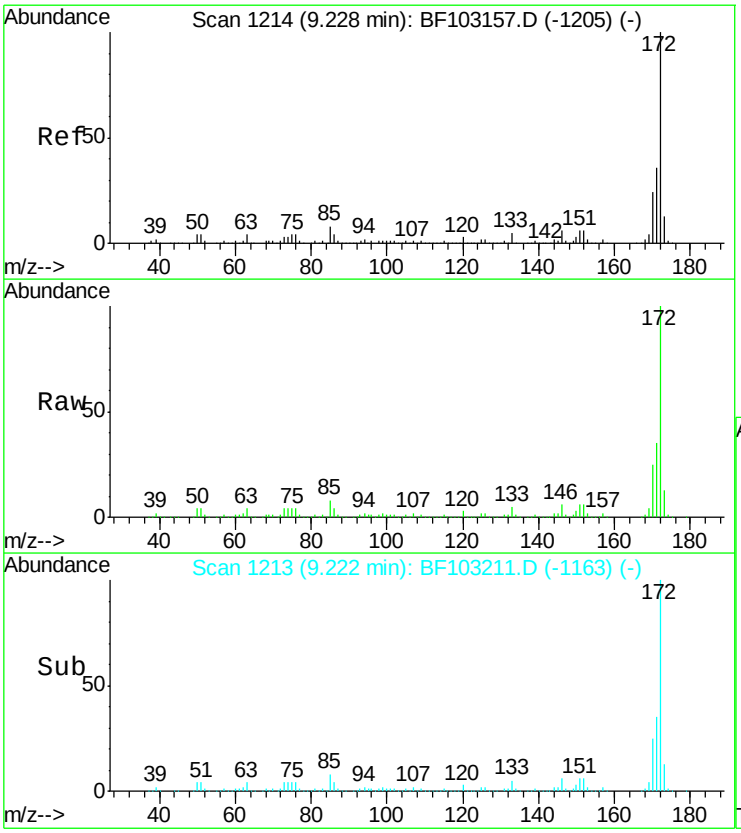
#41
2,4,6-Tribromophenol
Concen: 42.786 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 95893

Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.0	115.6
141	47.8	29.9	44.9#

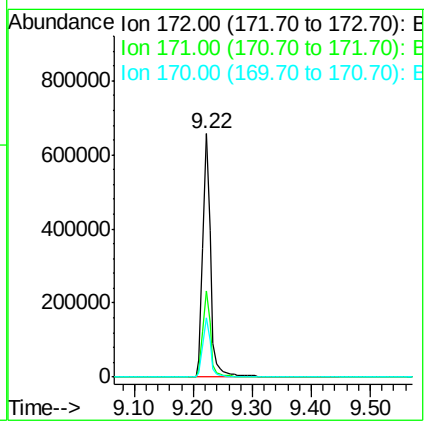


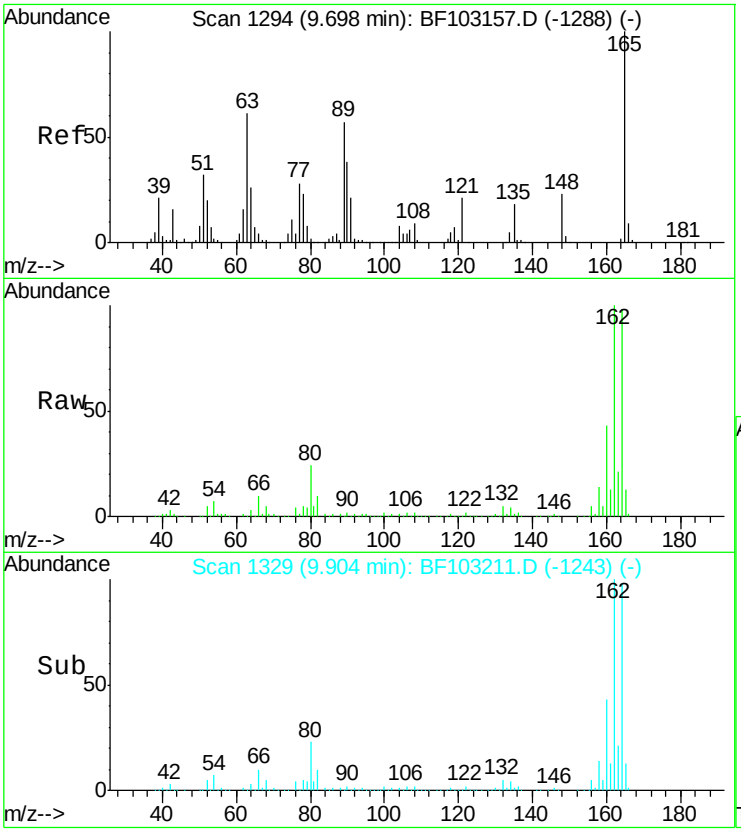


#44
2-Fluorobiphenyl
Concen: 32.889 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:172 Resp: 597484

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.5	19.6	29.4



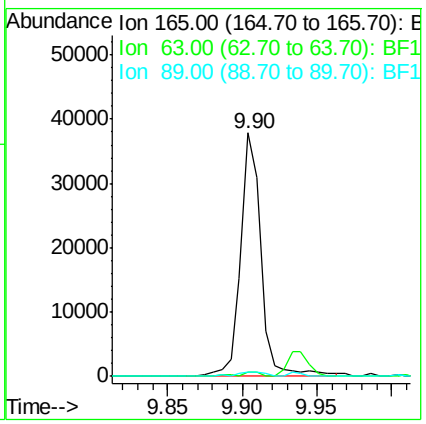


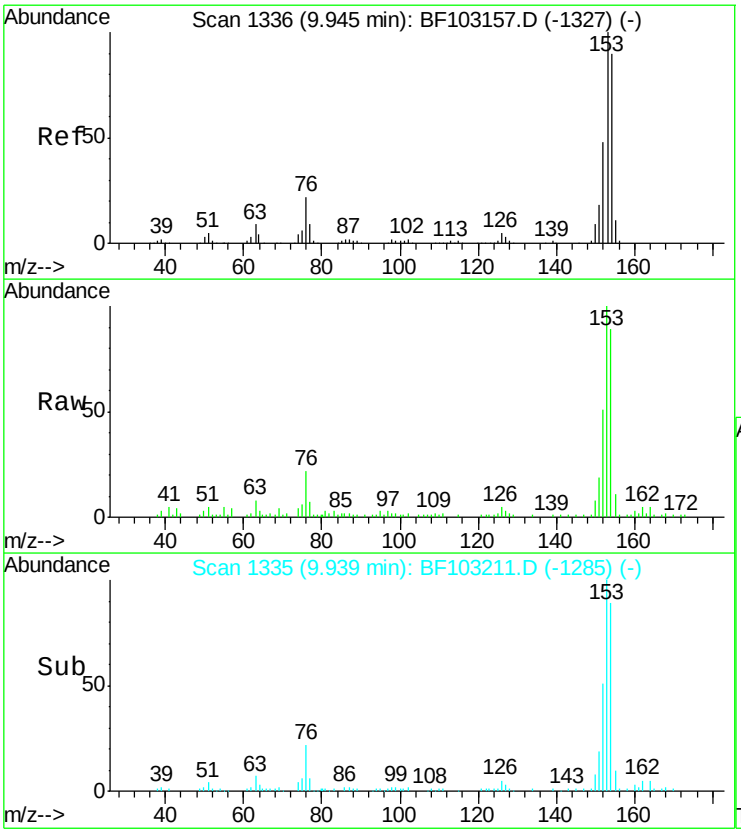
#50
2,6-Dinitrotoluene
Concen: 8.086 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36043

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.8	44.0	66.0#

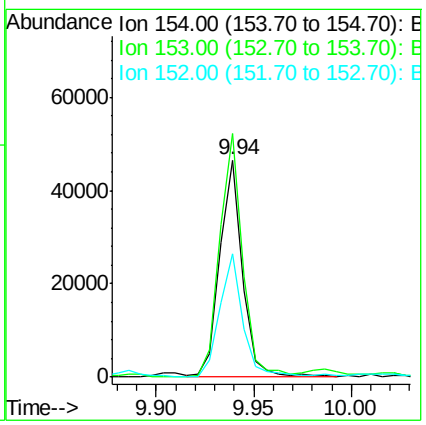


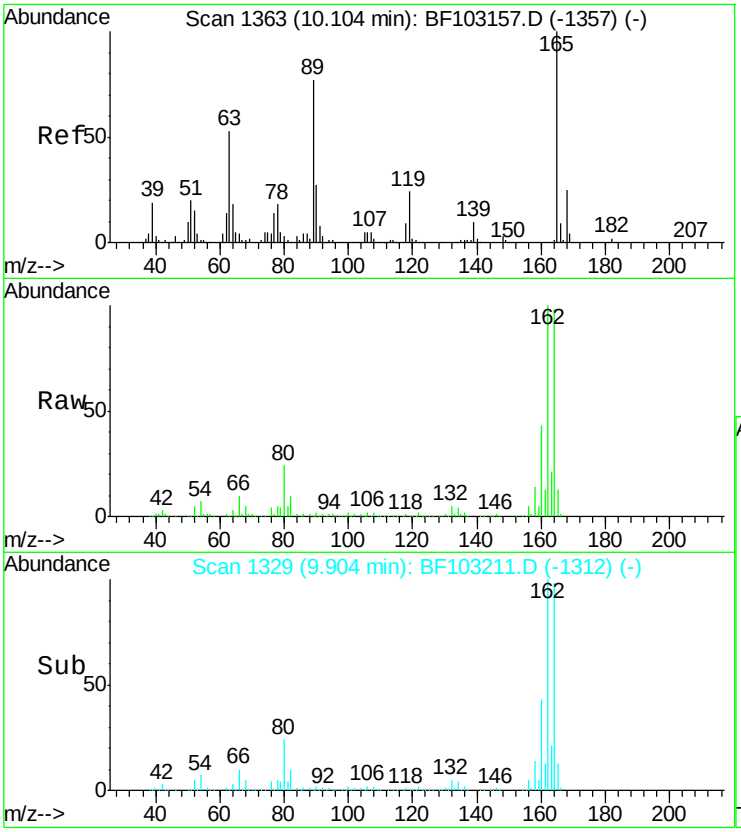


#51
Acenaphthene
Concen: 2.396 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:154 Resp: 37729

Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.2	136.8
152	57.0	43.8	65.8



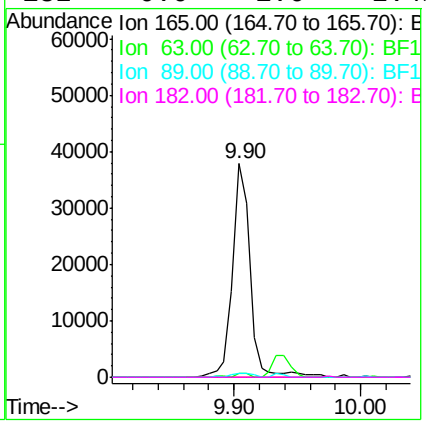


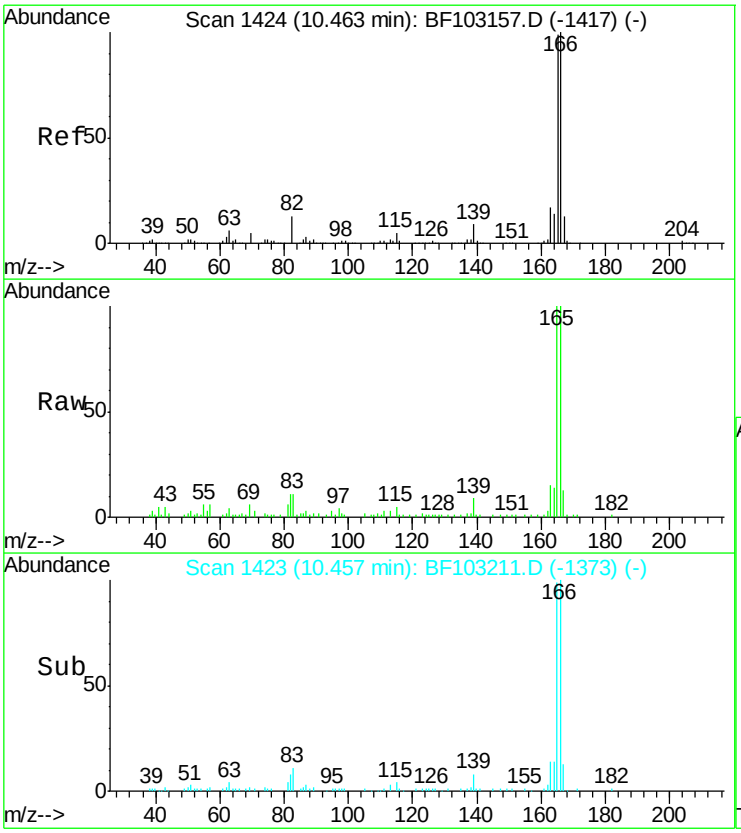
#56
2,4-Dinitrotoluene
Concen: 6.420 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.20 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36196

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

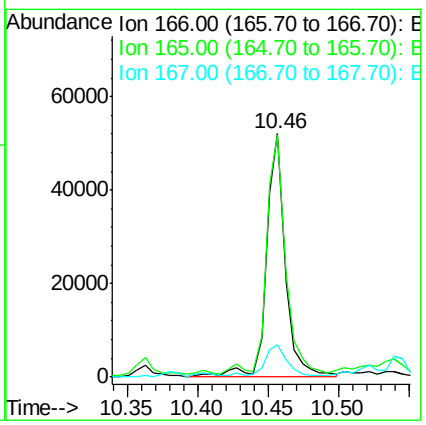


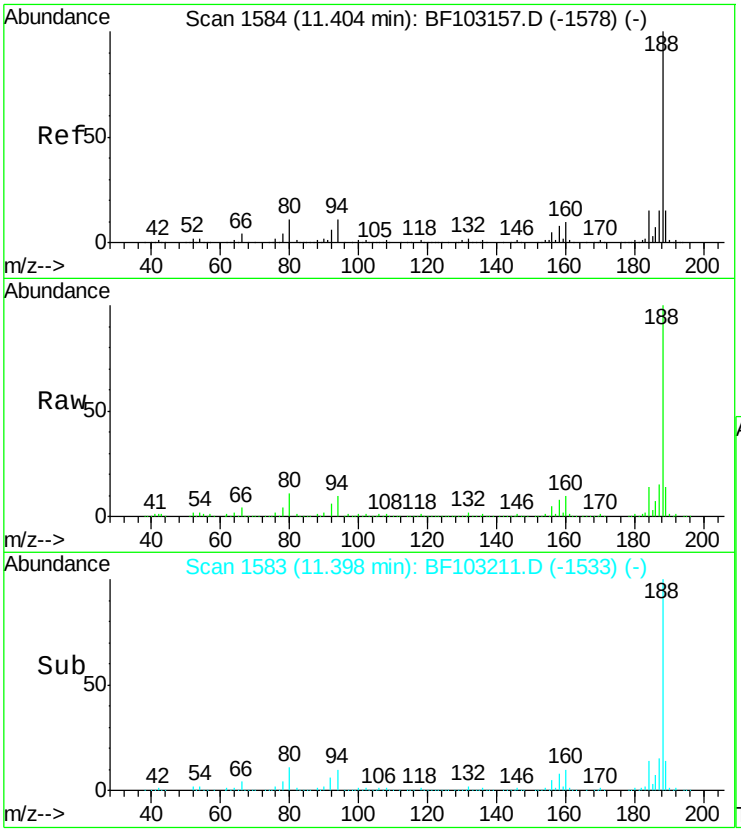


#57
Fluorene
Concen: 2.685 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:166 Resp: 49439

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.5	10.6	16.0



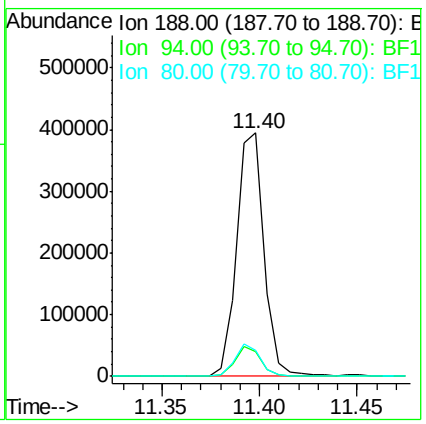


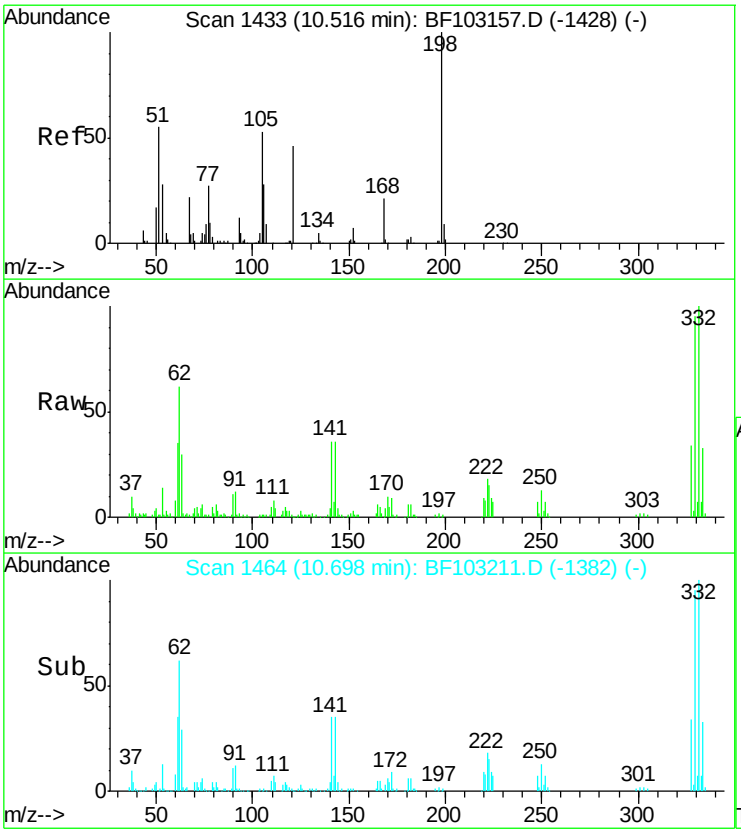
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 381862

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.8	9.2	13.8

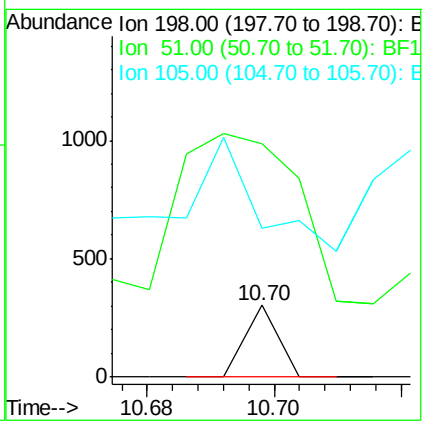


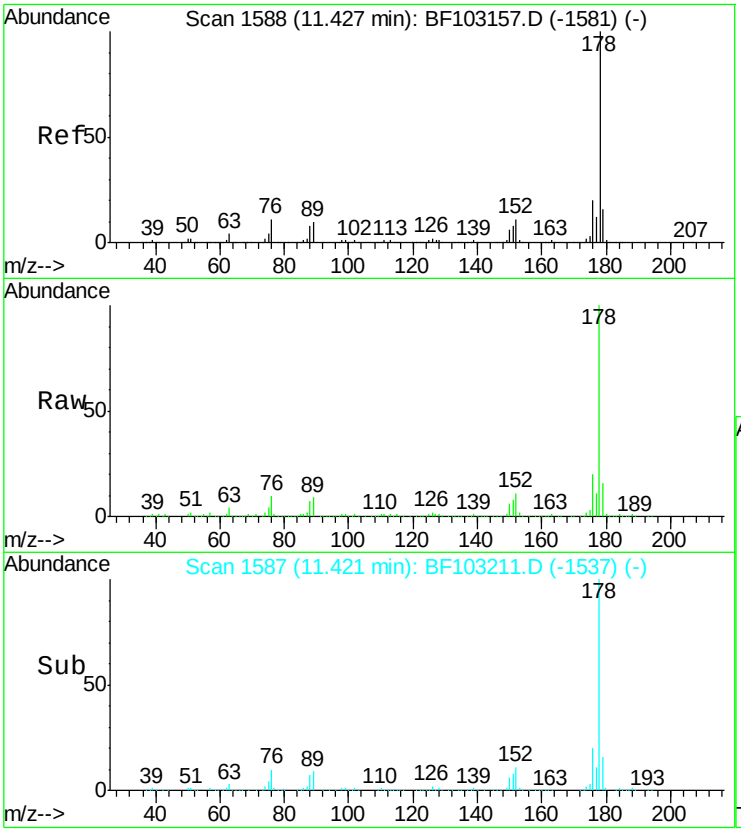


#64
4,6-Dinitro-2-methylphenol
Concen: 4.987 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	325.7	37.7	77.7#
105	207.3	36.3	76.3#



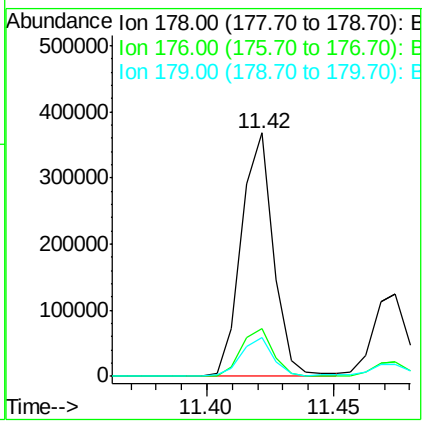


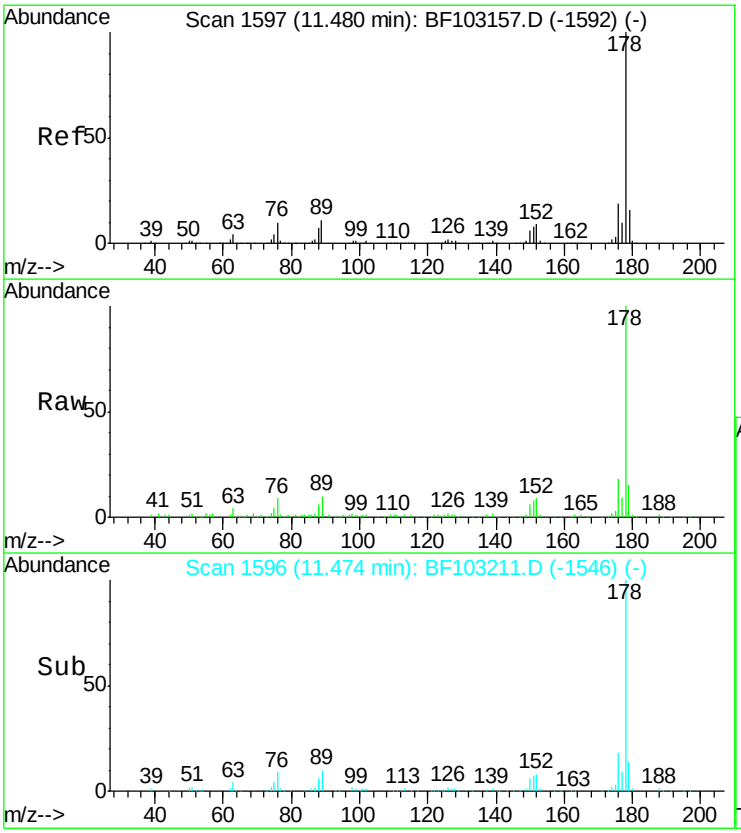
#70
Phenanthrene
Concen: 15.455 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 324786

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	13.0	19.6

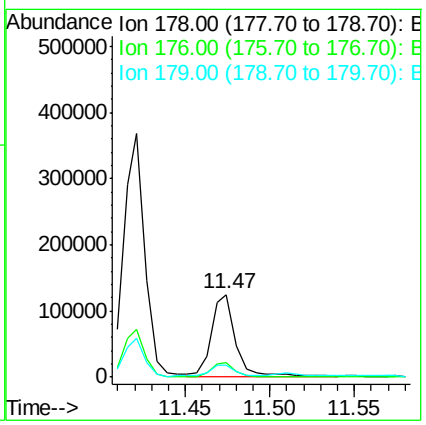


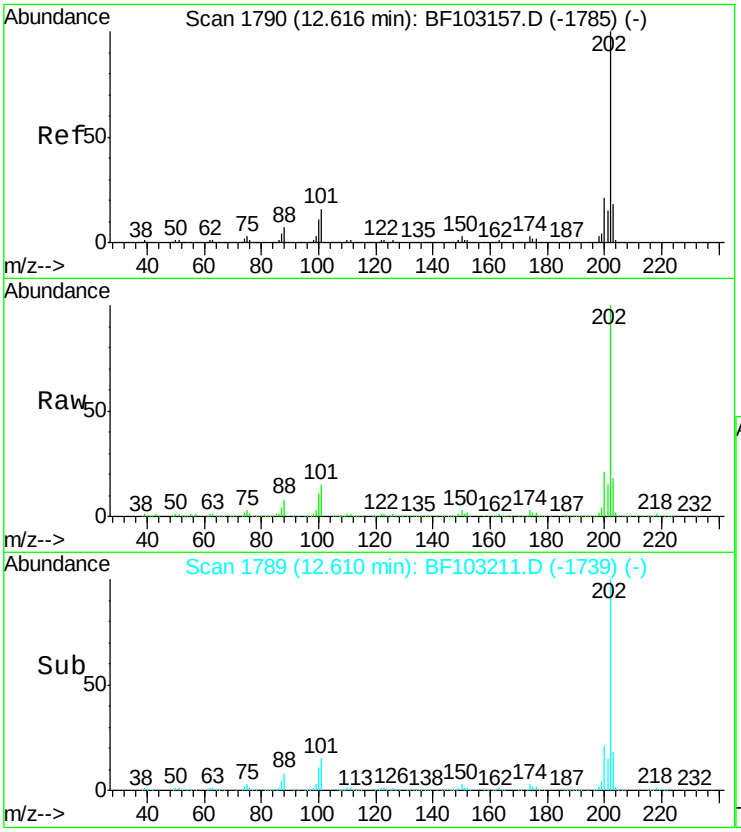


#71
Anthracene
Concen: 5.739 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:178 Resp: 123663

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	14.7	12.6	19.0



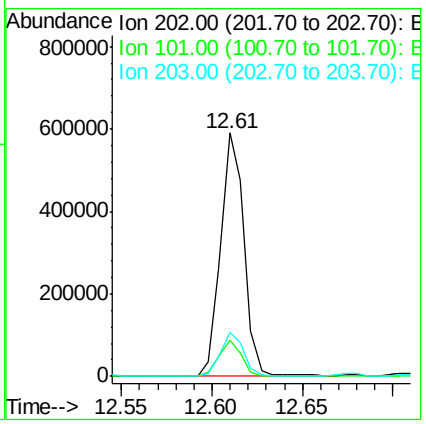


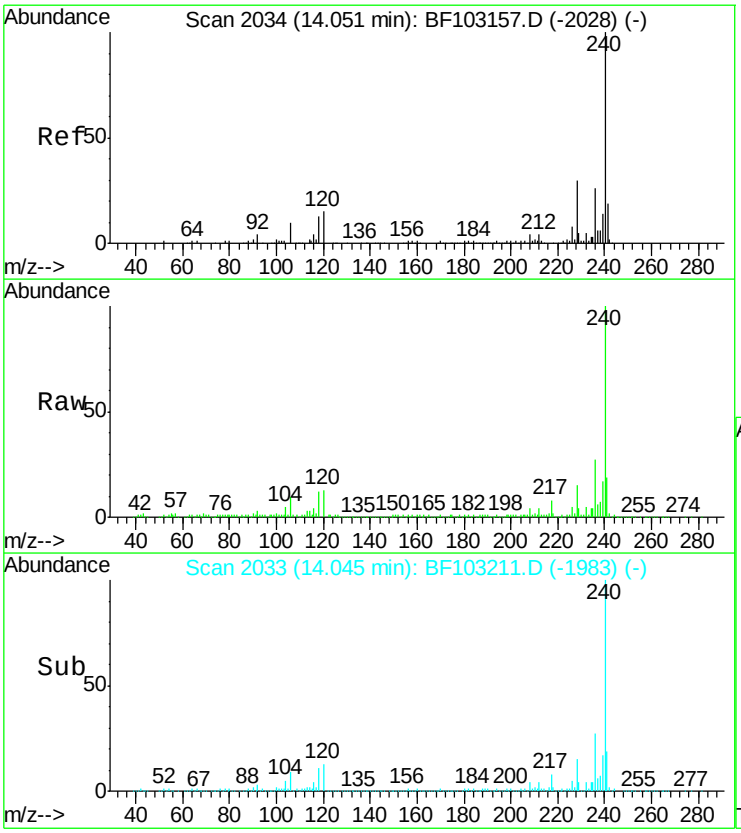
#74
Fluoranthene
Concen: 25.172 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 531583

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.1
203	17.8	0.0	38.1

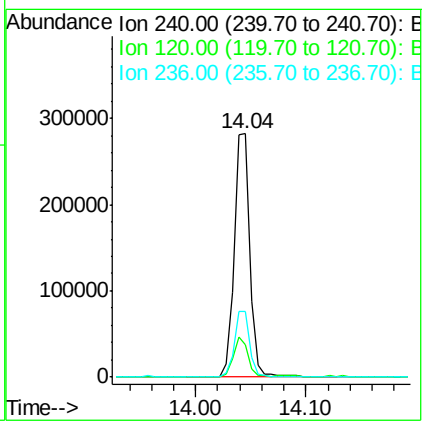


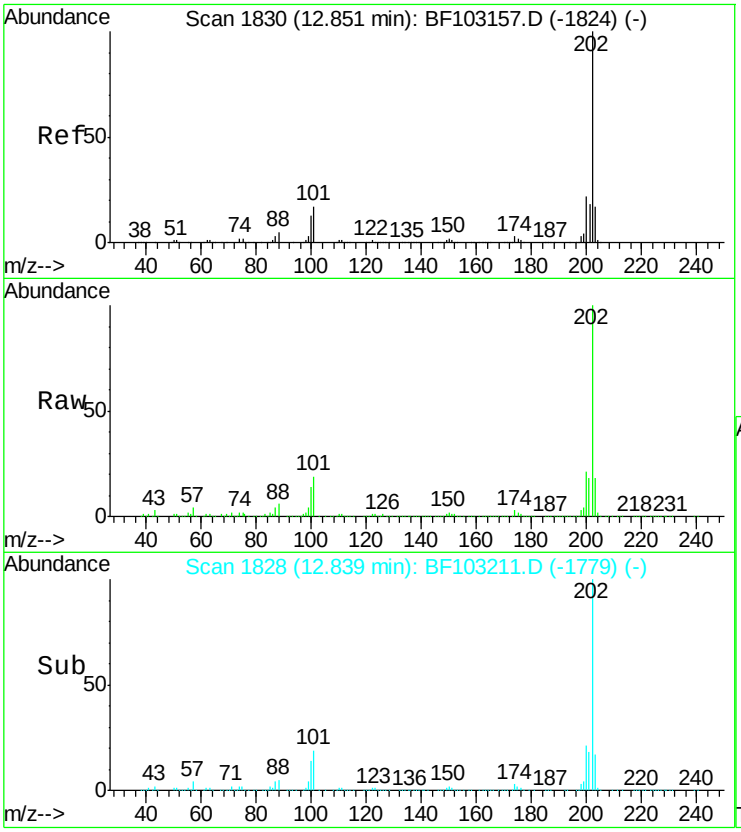


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:240 Resp: 280837

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.9	20.7	31.1



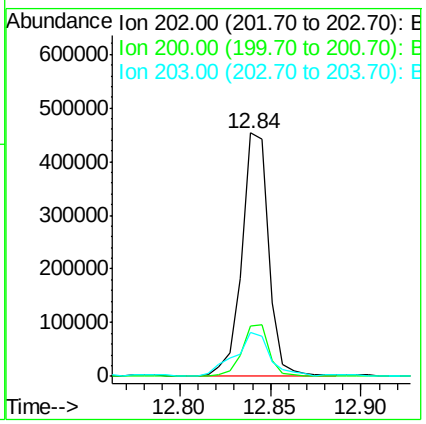


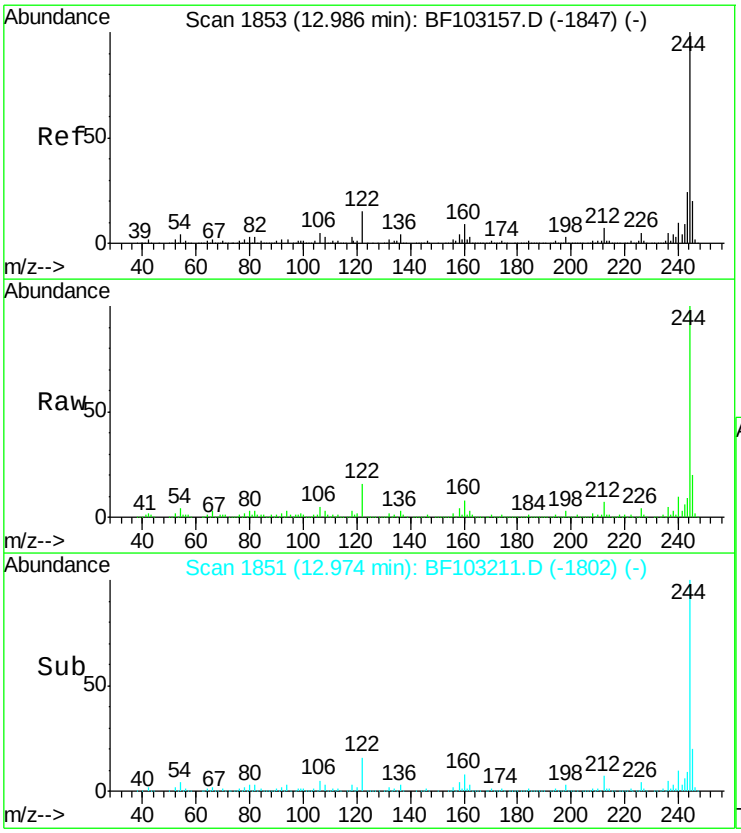
#77
Pyrene
Concen: 21.206 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 464326

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.9	14.3	21.5

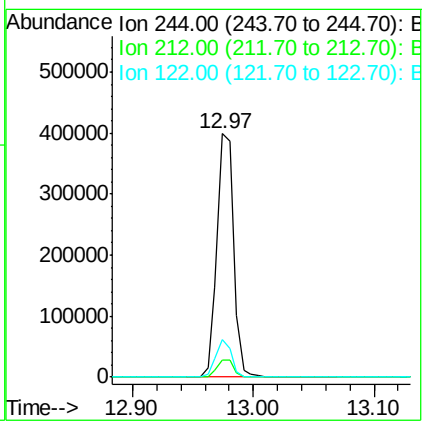


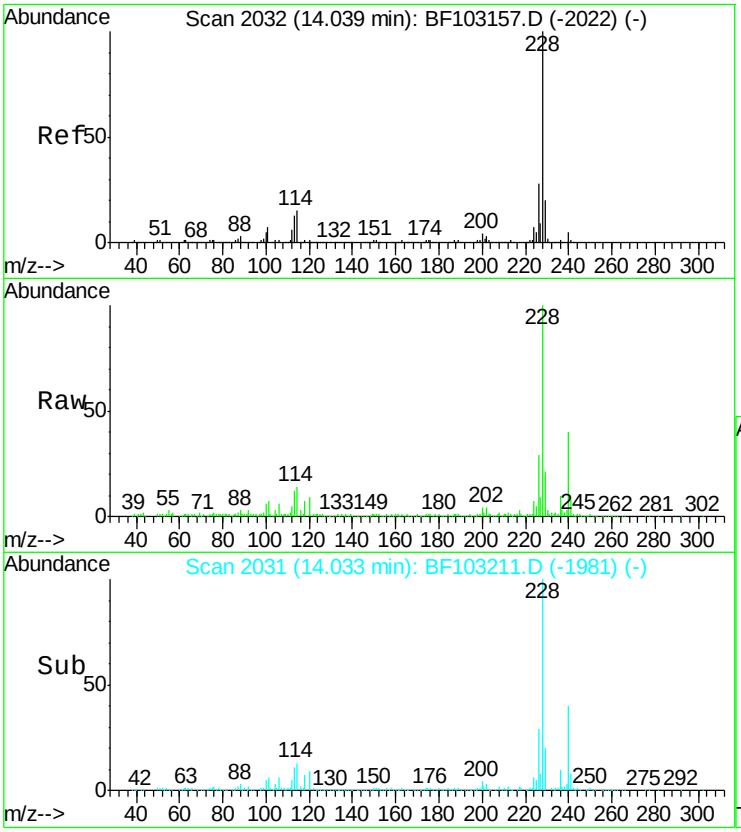


#78
Terphenyl-d14
Concen: 32.672 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:244 Resp: 381701

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.7	11.0	16.4



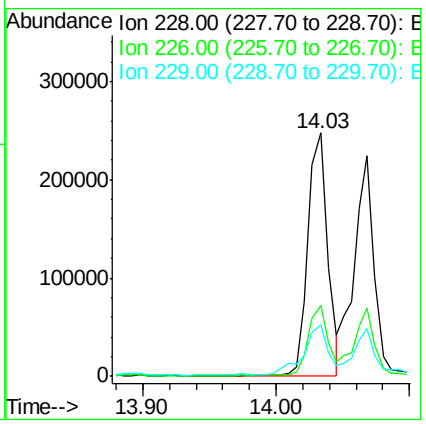


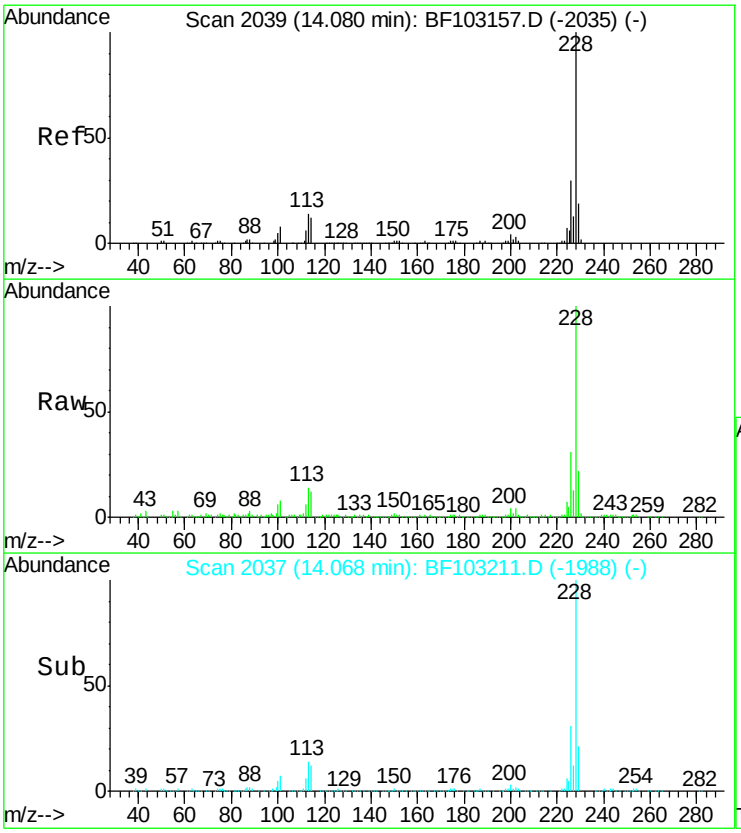
#80
Benzo(a)anthracene
Concen: 13.752 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 250588

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.0	15.8	23.6

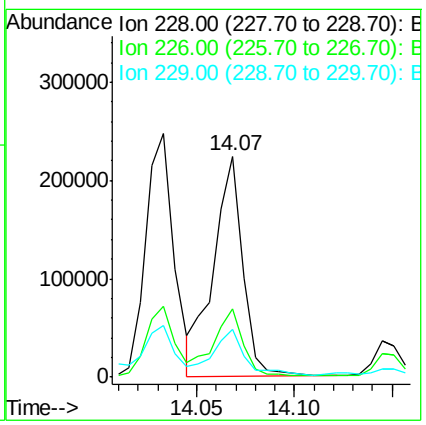


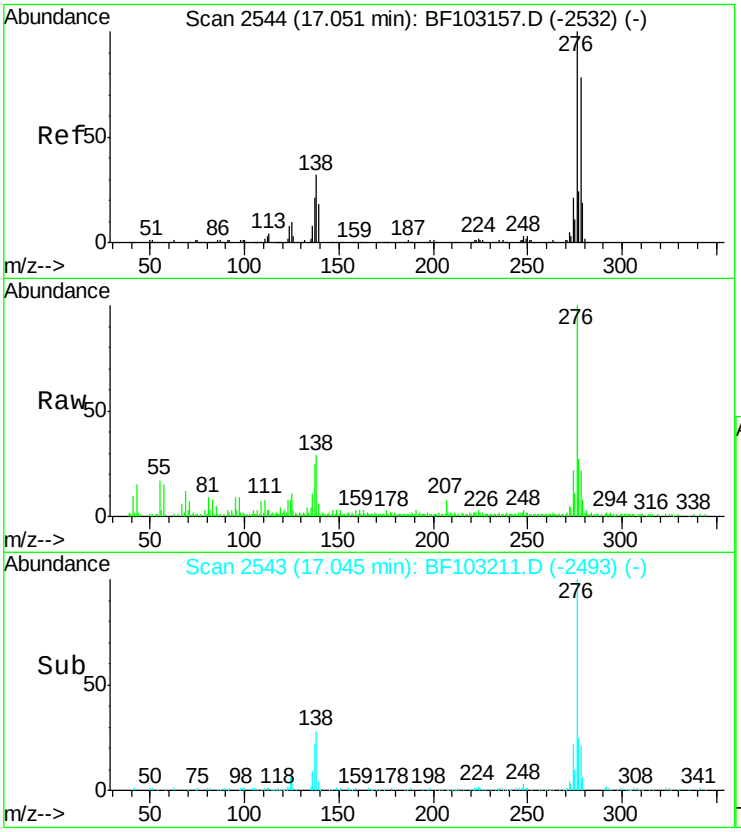


#82
Chrysene
Concen: 13.307 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:228 Resp: 235443

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.9	16.2	24.4



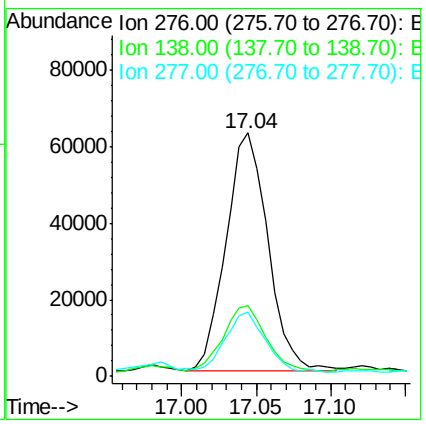


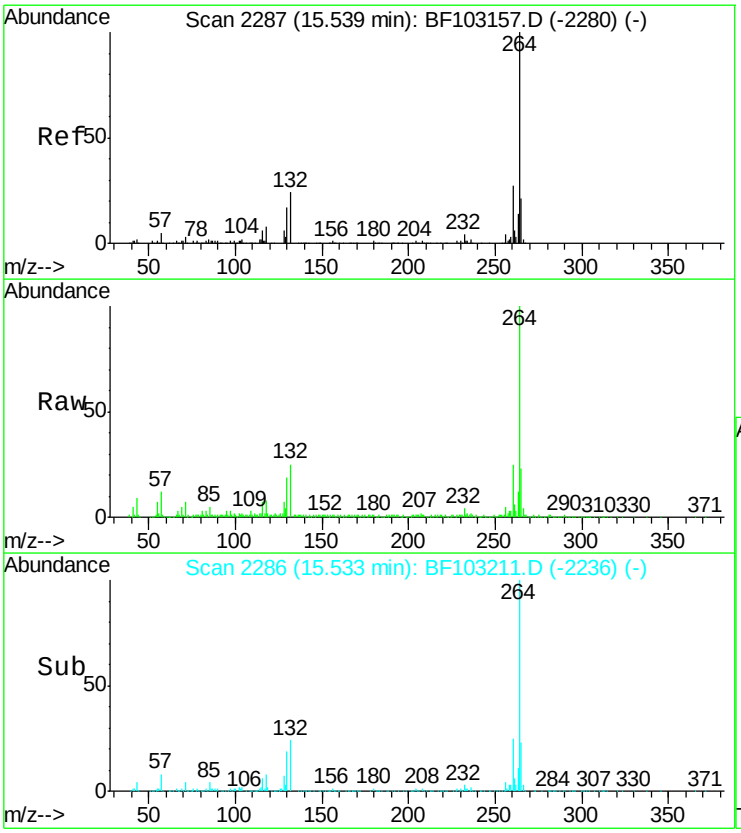
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.656 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 121245

Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	23.9	20.1	30.1

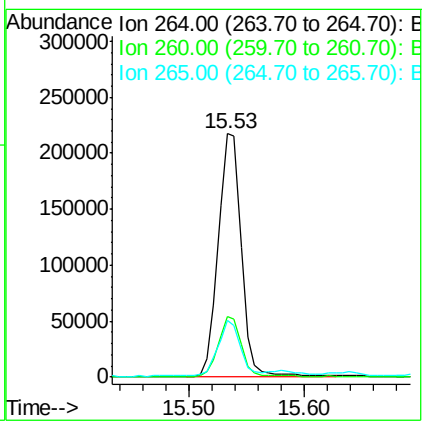


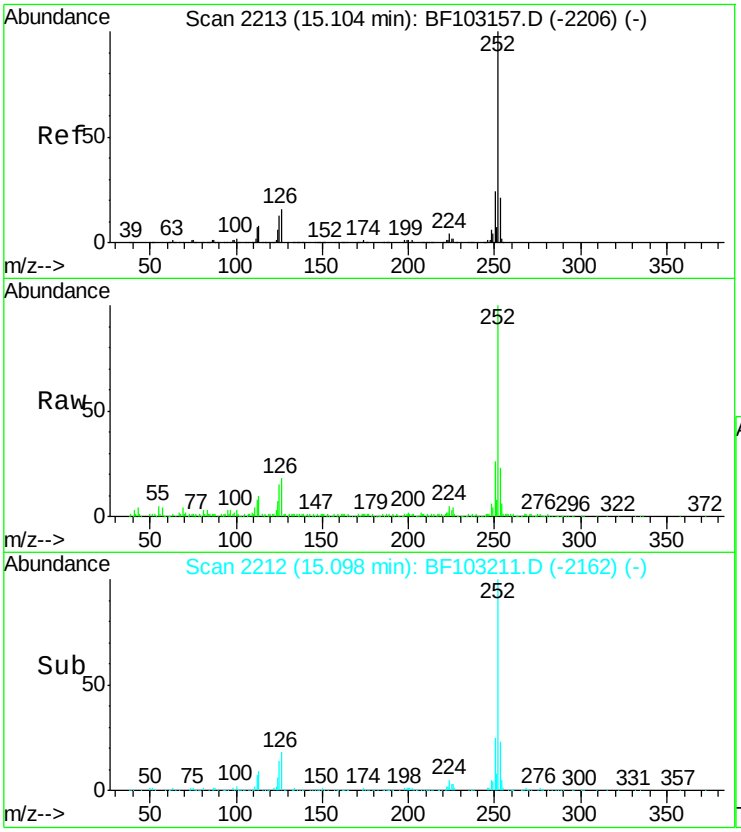


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:264 Resp: 299393

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	23.2	17.5	26.3



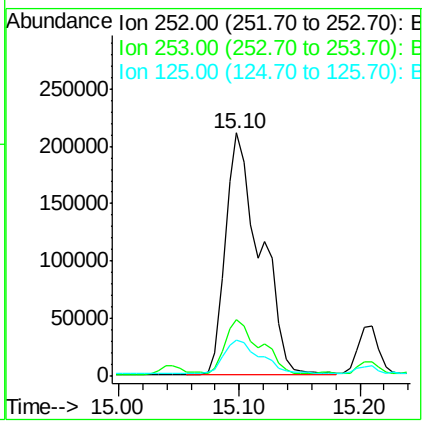


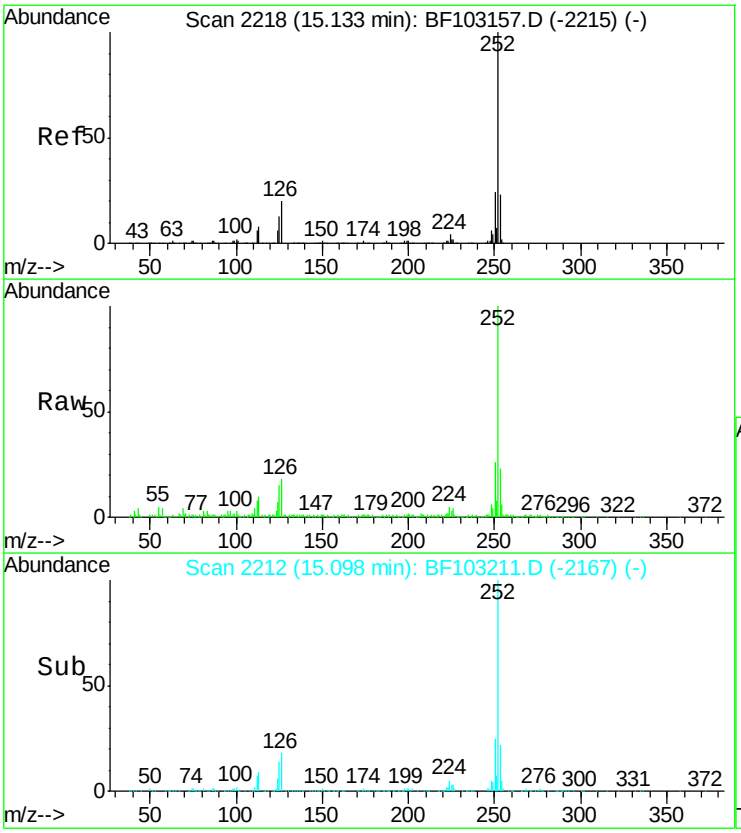
#87
Benzo(b)fluoranthene
Concen: 21.490 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 423032

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	15.1	9.0	13.6#

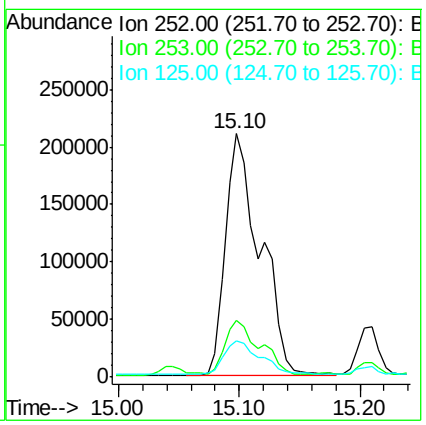


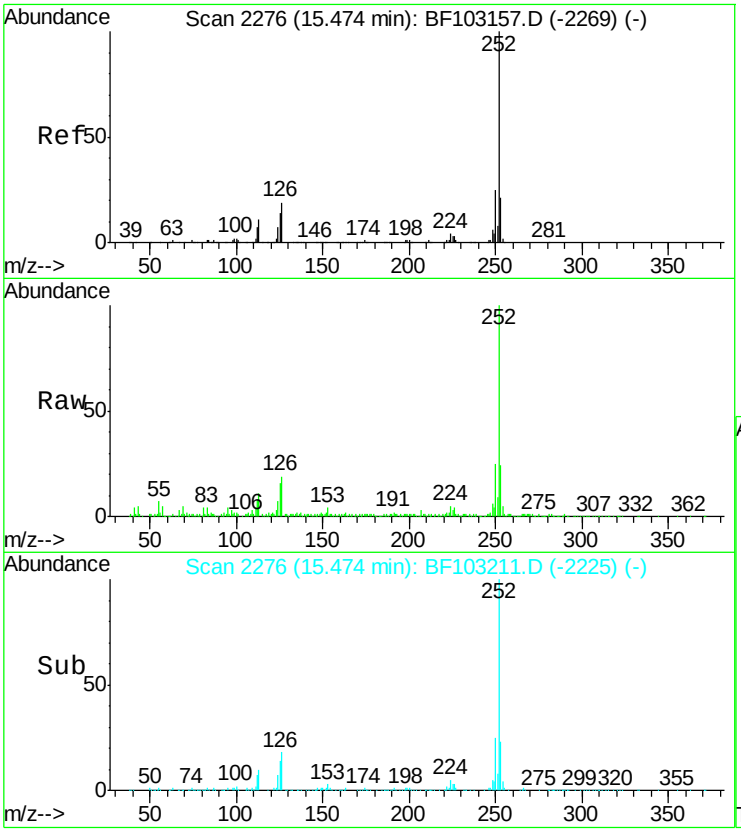


#88
Benzo(k)fluoranthene
Concen: 22.822 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:252 Resp: 423032

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.1	10.2	15.2



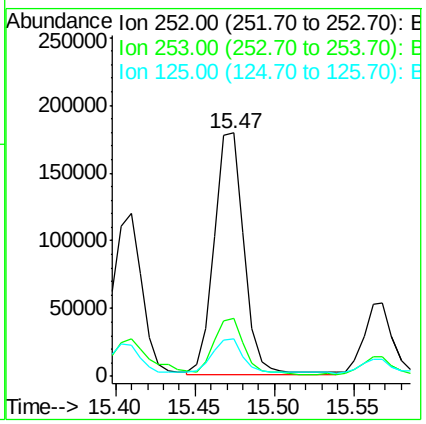


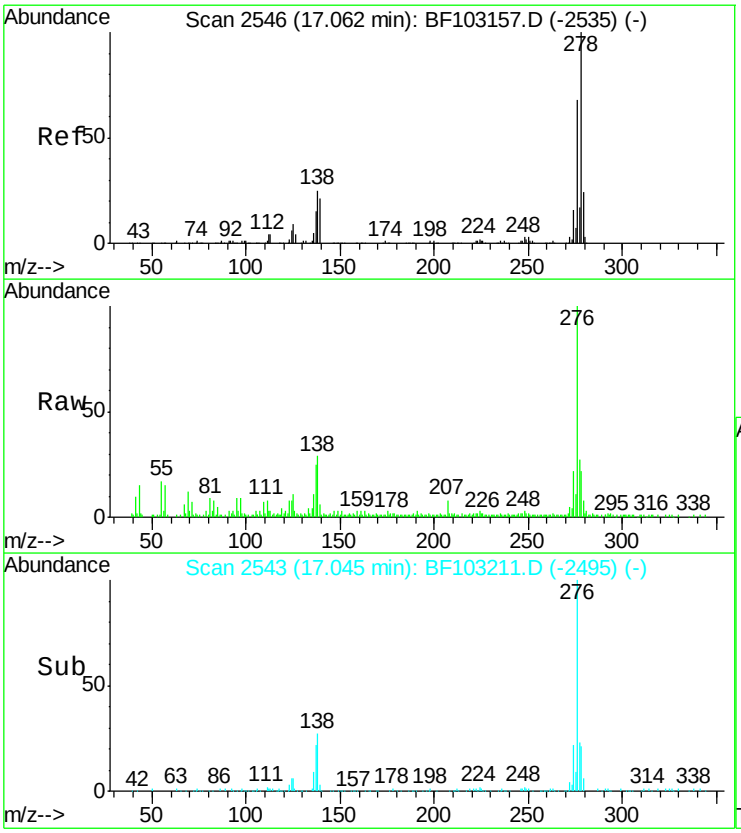
#89
Benzo(a)pyrene
Concen: 13.254 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 232987

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	15.6	9.8	14.6#

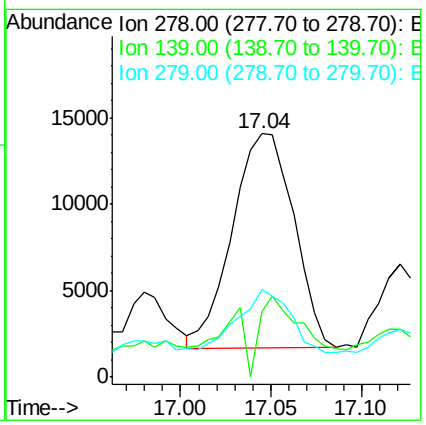


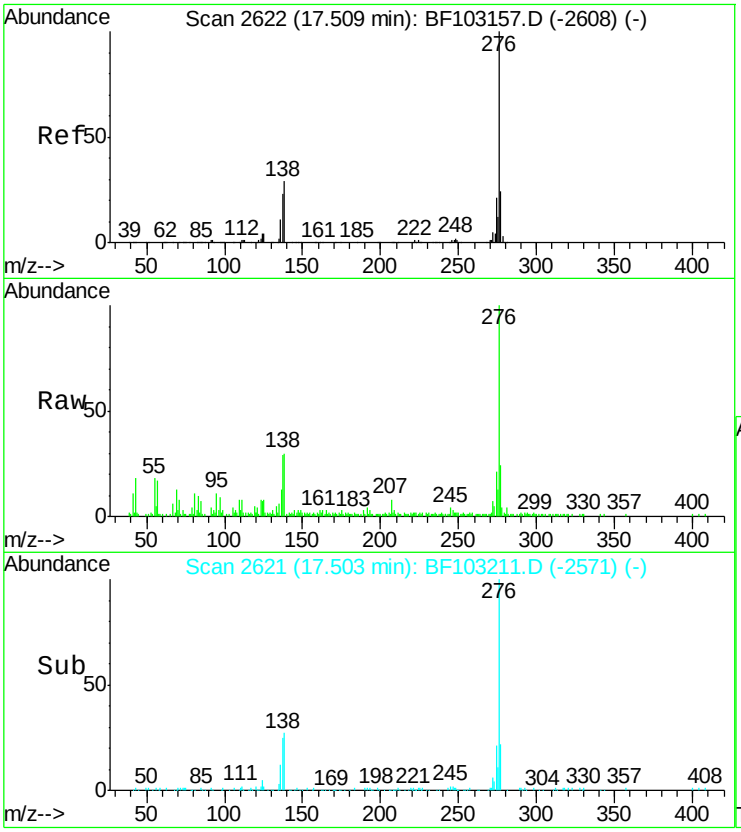


#90
Dibenzo(a,h)anthracene
Concen: 2.160 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Tgt Ion:278 Resp: 29335

Ion	Ratio	Lower	Upper
278	100		
139	27.0	15.9	23.9#
279	35.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.993 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF103211.D
Acq: 26 Feb 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 119386

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	30.4	21.8	32.8