Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103427.D
Acq On : 5 Mar 2018 23:35
Operator : SJ/JU
Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 06 01:10:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	126709	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	506023	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	201386	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	296763	20.00	ng	0.00
75) Chrysene-d12	14.07	240	176899	20.00	ng	0.00
86) Perylene-d12	15.59	264	131745	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	827122	98.73	ng	0.00
7) Phenol-d6	6.52	99	993578	96.92	ng	0.00
23) Nitrobenzene-d5	7.44	82	586868	66.23	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	119154	69.90	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	802046	64.76	ng	0.00
78) Terphenyl-d14	13.00	244	548528	74.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	905	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	80573	12.629	ng	# 85
25) Isophorone	7.44	82	586868	33.629	ng	# 64
31) Naphthalene	8.18	128	111582	4.504	ng	99
32) Benzoic acid	7.97	122	329	6.968	ng	# 1
37) 2-Methylnaphthalene	8.87	142	50077	3.128	ng	96
50) 2,6-Dinitrotoluene	9.92	165	28298	8.347	ng	# 27
51) Acenaphthene	9.95	154	75937	6.340	ng	98
54) Dibenzofuran	10.12	168	90352	5.495	ng	96
55) 4-Nitrophenol	10.12	139	37527	14.077	ng	# 11
57) Fluorene	10.47	166	93173	6.652	ng	98
64) 4,6-Dinitro-2-methylphenol	10.71	198	196	5.043	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	8451	2.734	ng	# 1
70) Phenanthrene	11.44	178	677789	41.501	ng	99
71) Anthracene	11.49	178	221651	13.235	ng	99
72) Carbazole	11.65	167	65763	3.943	ng	98
74) Fluoranthene	12.63	202	760497	46.339	ng	99
77) Pyrene	12.87	202	695218	50.407	ng	100
80) Benzo(a)anthracene	14.06	228	300696	26.198	ng	99
82) Chrysene	14.10	228	266538	23.916	ng	98
85) Indeno(1,2,3-cd)pyrene	17.13	276	83405	9.453	ng	99
87) Benzo(b)fluoranthene	15.14	252	320478	36.998	ng	# 93
88) Benzo(k)fluoranthene	15.14	252	320478	39.290	ng	# 96
89) Benzo(a)pyrene	15.52	252	165525	21.399	ng	# 92
90) Dibenzo(a,h)anthracene	17.13	278	24422	4.086	ng	# 78
91) Benzo(g,h,i)perylene	17.60	276	77665	13.295	ng	# 89

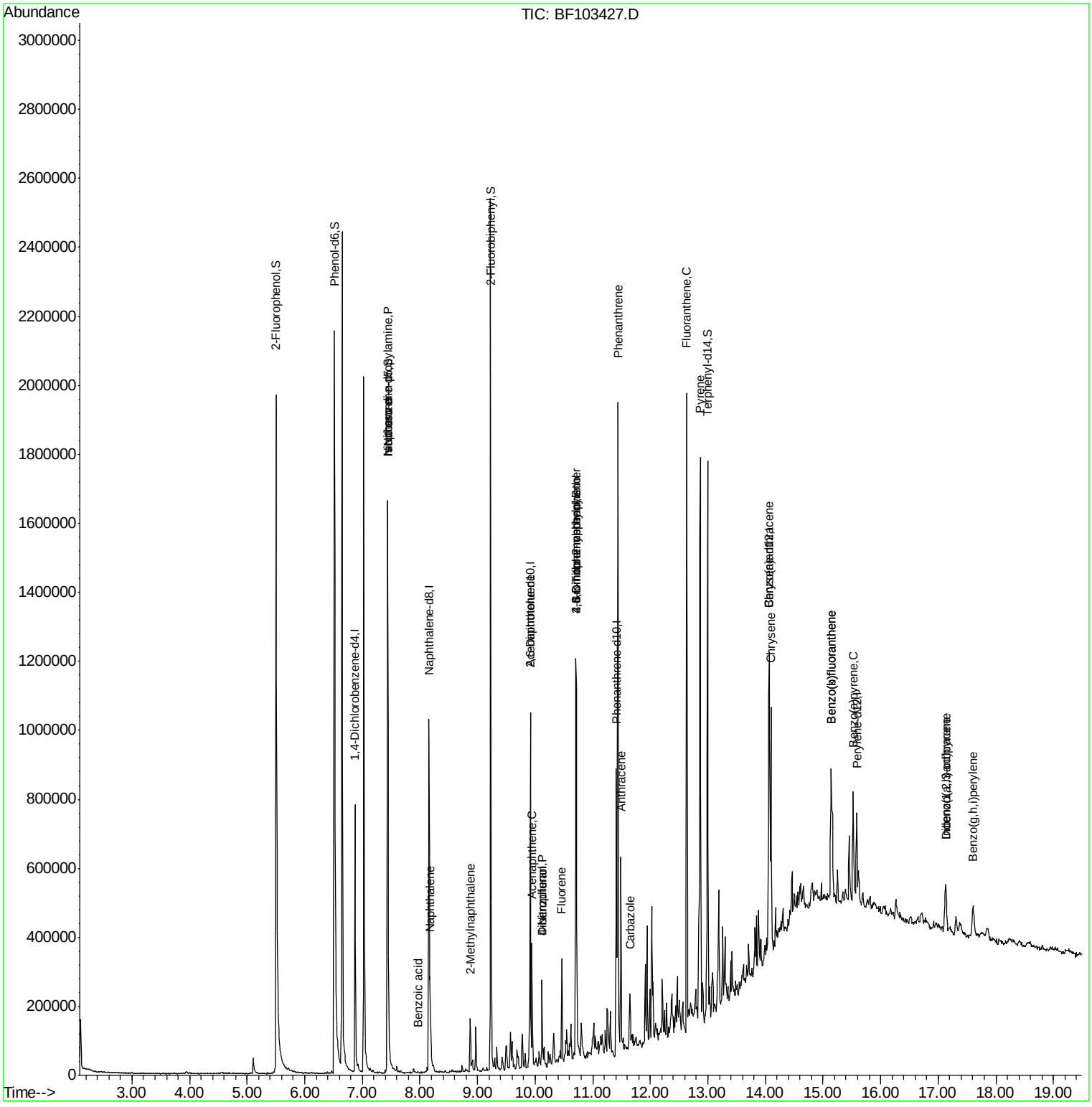
(#) = qualifier out of range (m) = manual integration (+) = signals summed

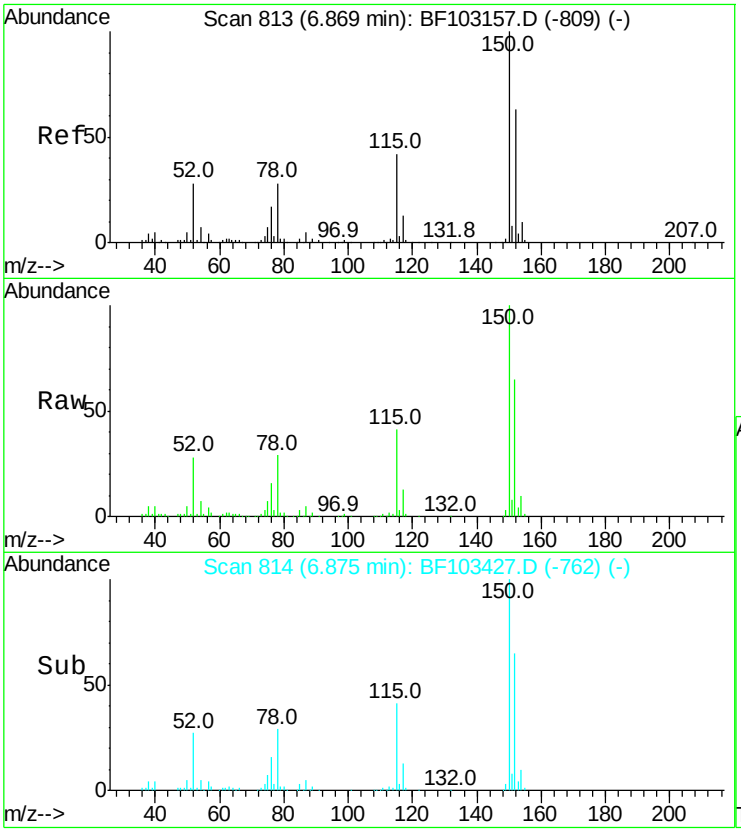
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103427.D
Acq On : 5 Mar 2018 23:35
Operator : SJ/JU
Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 01:10:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration



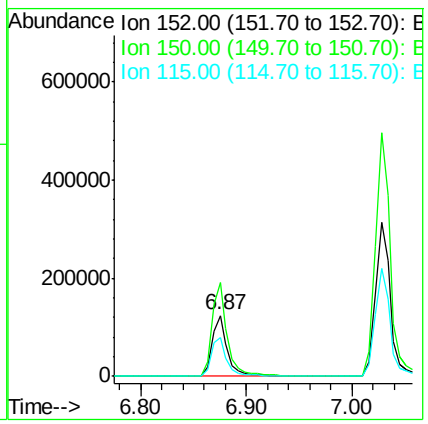


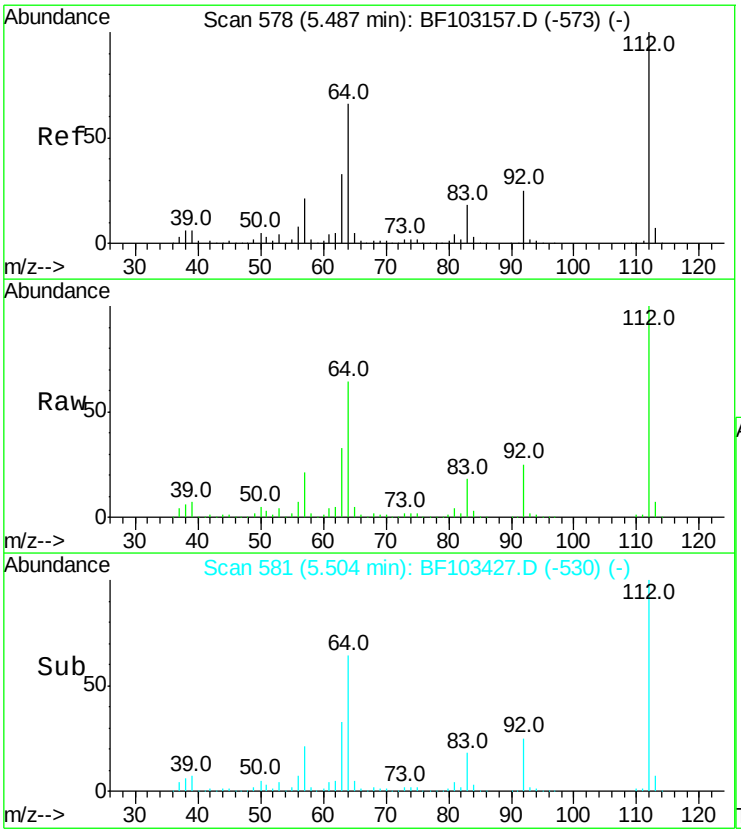
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126709

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	63.0	50.1	75.1

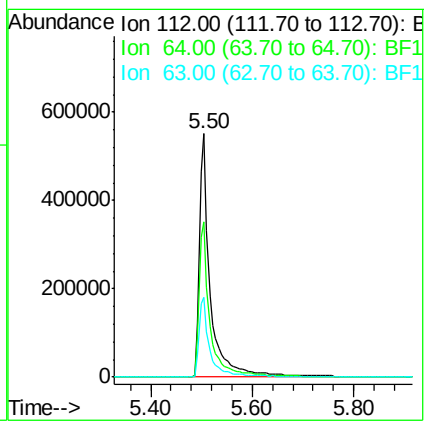


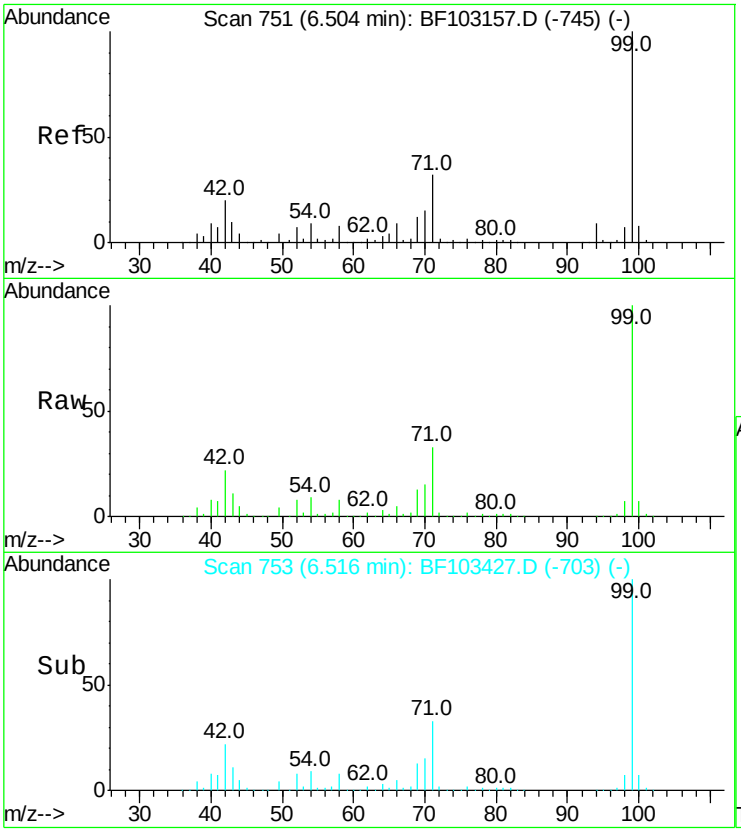


#5
2-Fluorophenol
Concen: 98.727 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:112 Resp: 827122

Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.9	23.7	35.5



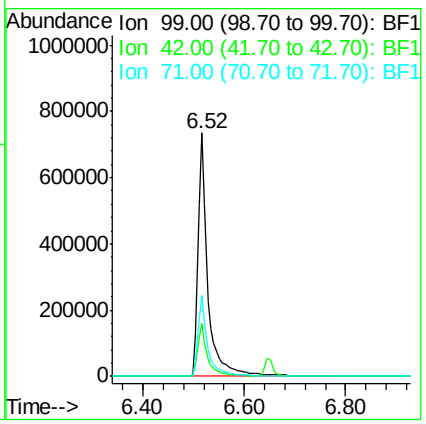


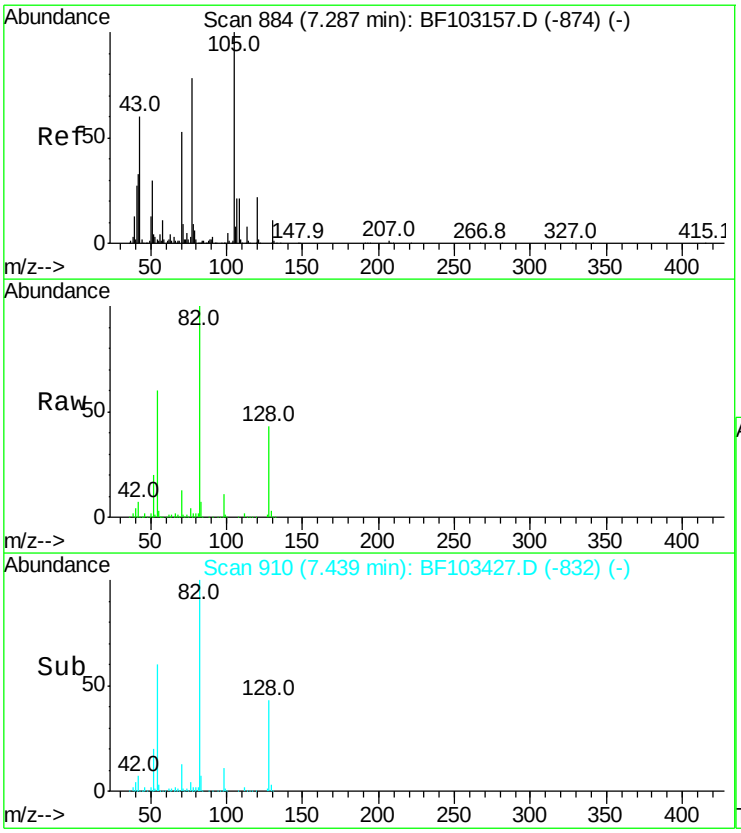
#7
Phenol-d6
Concen: 96.920 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 993578

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	33.4	25.4	38.0

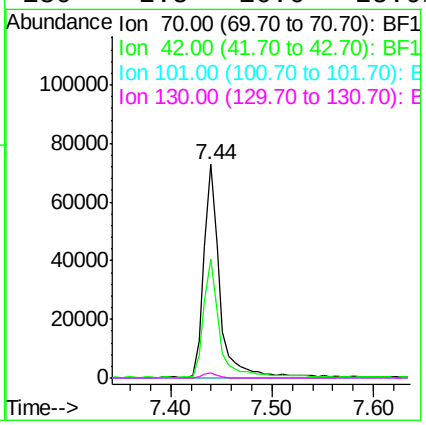


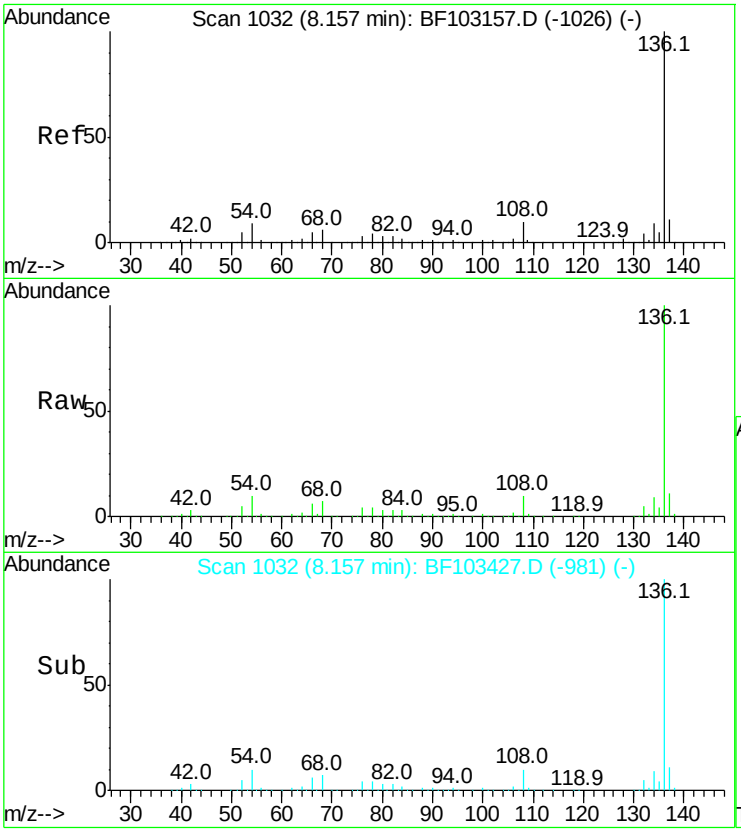


#19
n-Nitroso-di-n-propylamine
Concen: 12.629 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.16 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion: 70 Resp: 80573

Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



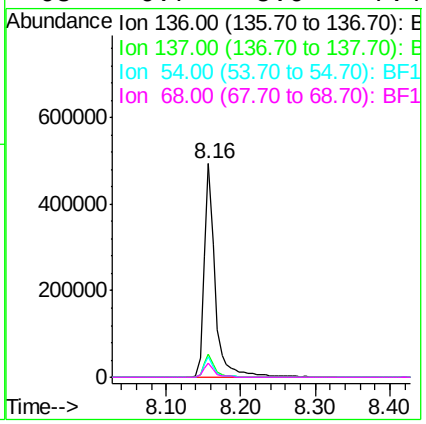


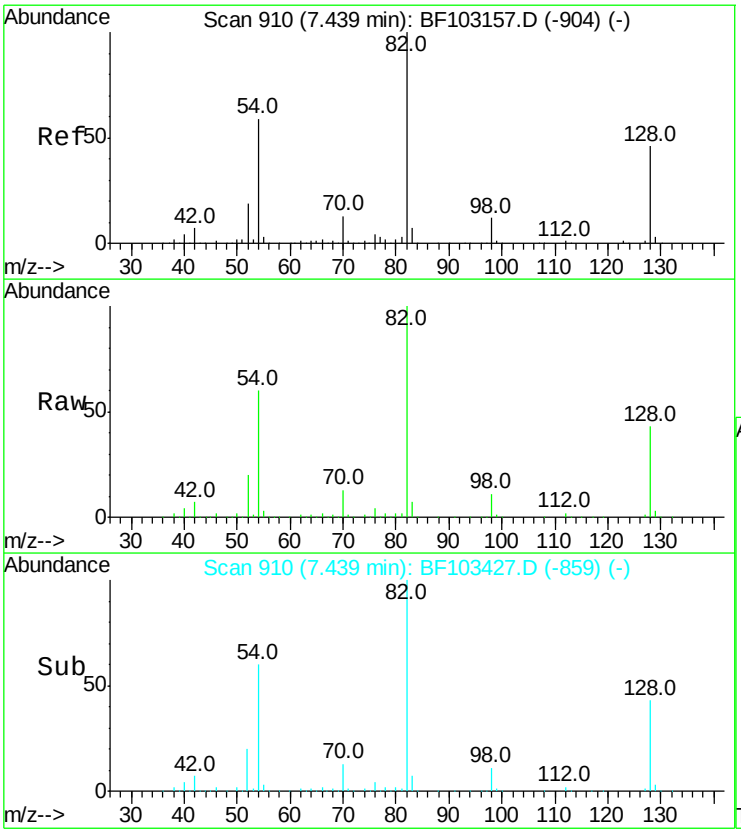
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 506023

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	6.6	9.8
68	6.7	5.0	7.4

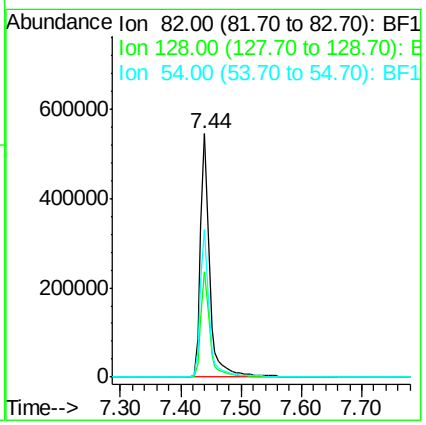


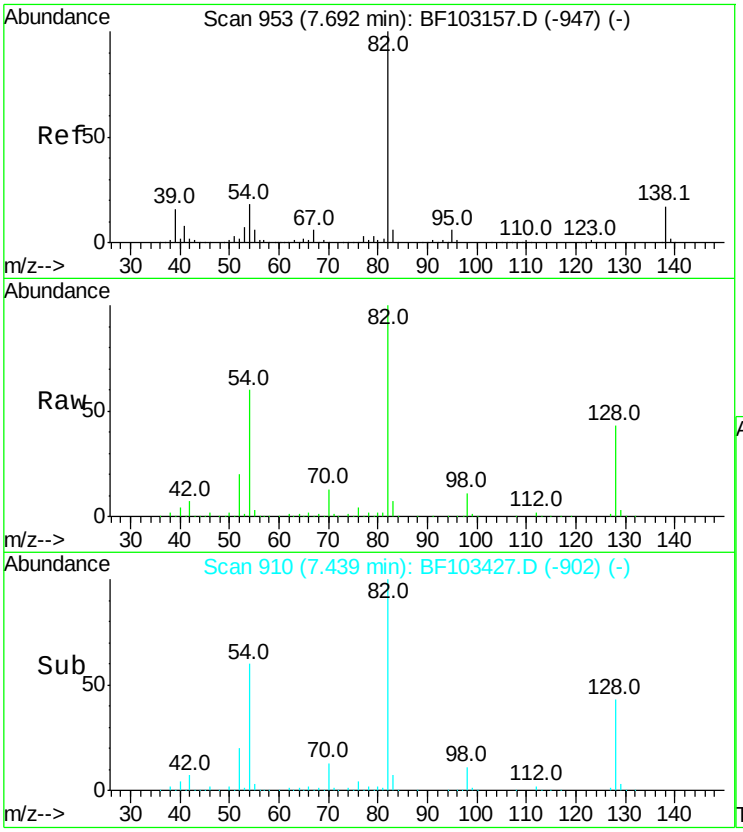


#23
Nitrobenzene-d5
Concen: 66.232 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion: 82 Resp: 586868

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	60.4	41.4	62.2



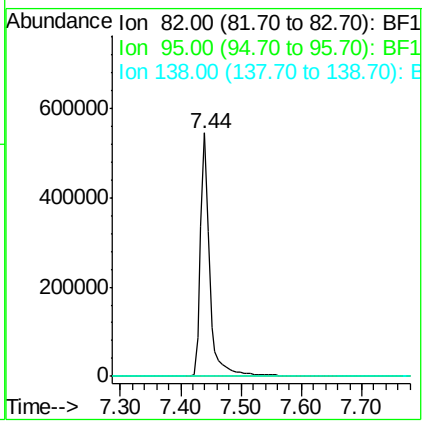


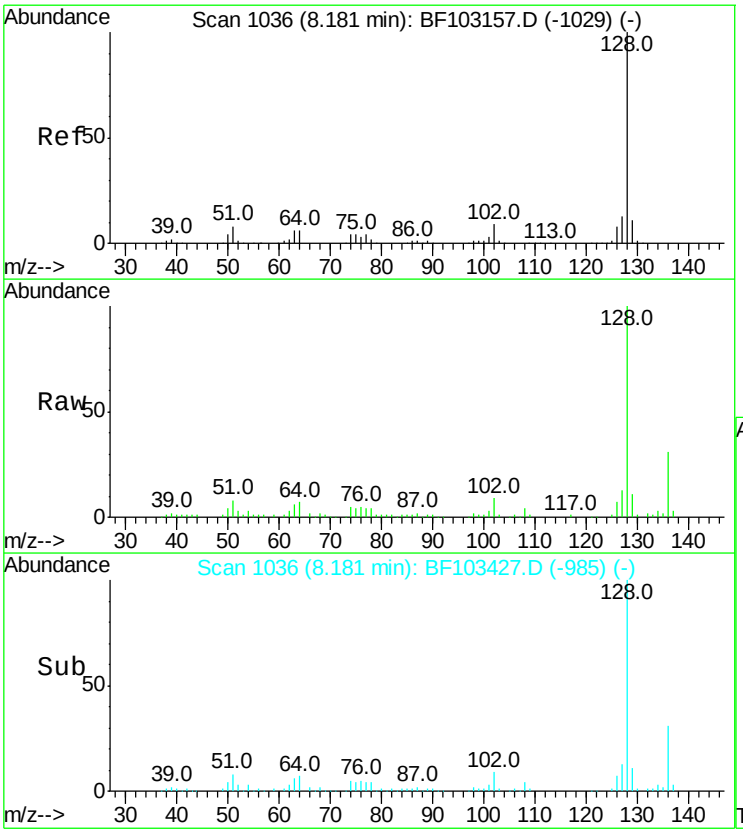
#25
Isophorone
Concen: 33.629 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 586868

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

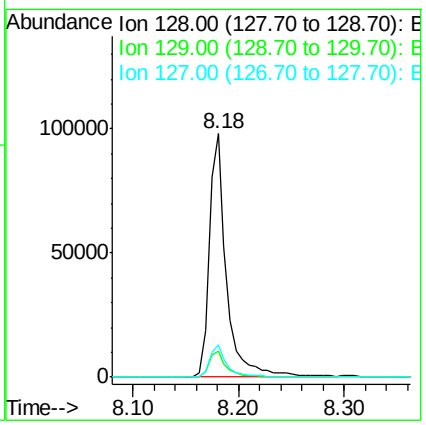


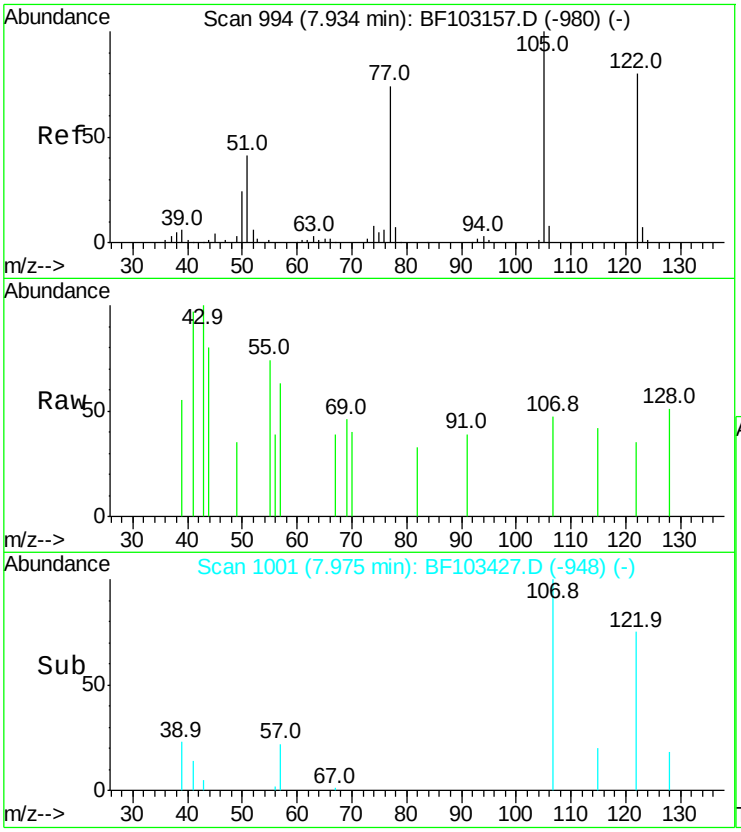


#31
Naphthalene
Concen: 4.504 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:128 Resp: 111582

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.9	16.3



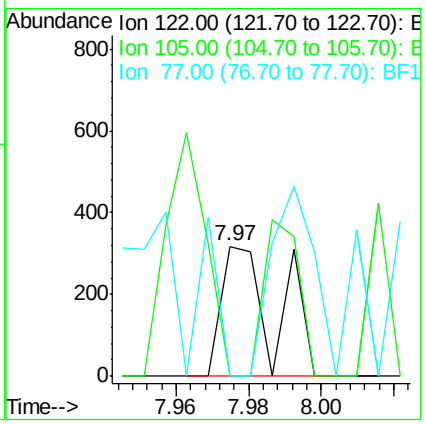


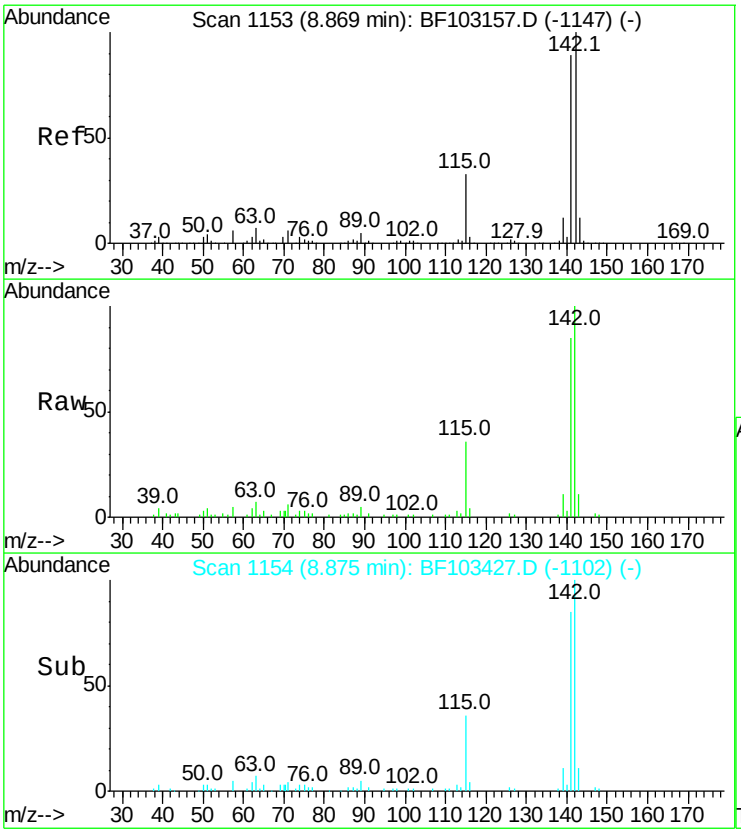
#32
Benzoic acid
Concen: 6.968 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 329

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#

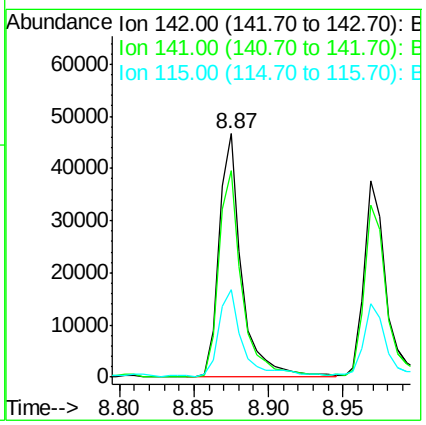


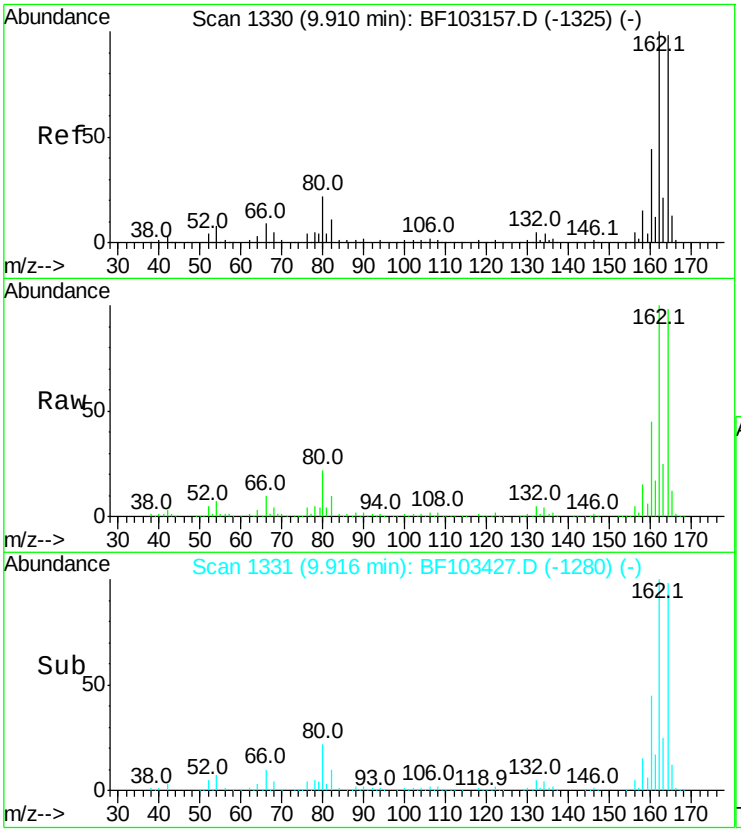


#37
2-Methylnaphthalene
Concen: 3.128 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:142 Resp: 50077

Ion	Ratio	Lower	Upper
142	100		
141	85.0	70.8	106.2
115	35.9	26.1	39.1



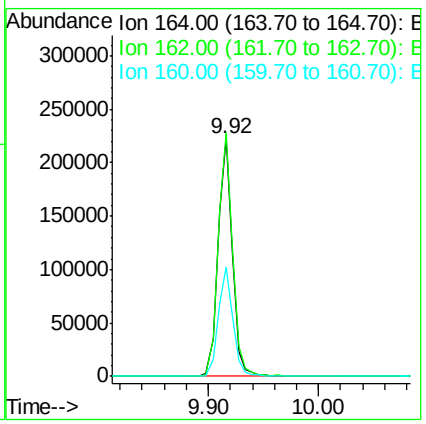


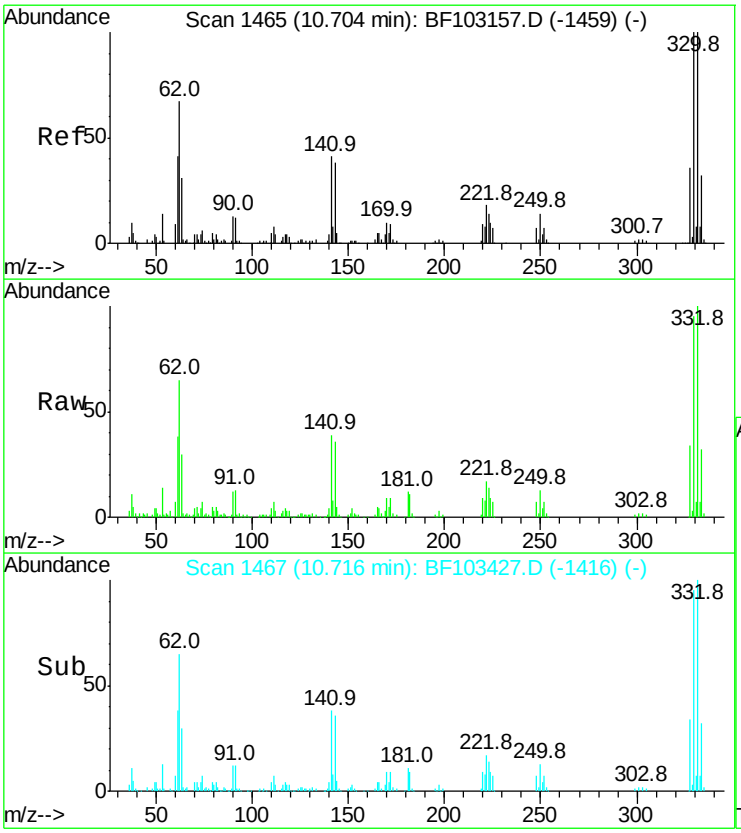
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 201386

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.8	38.3	57.5

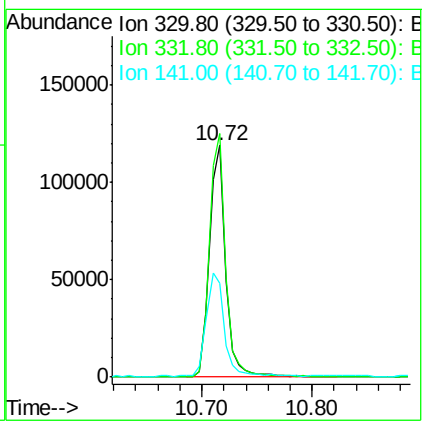


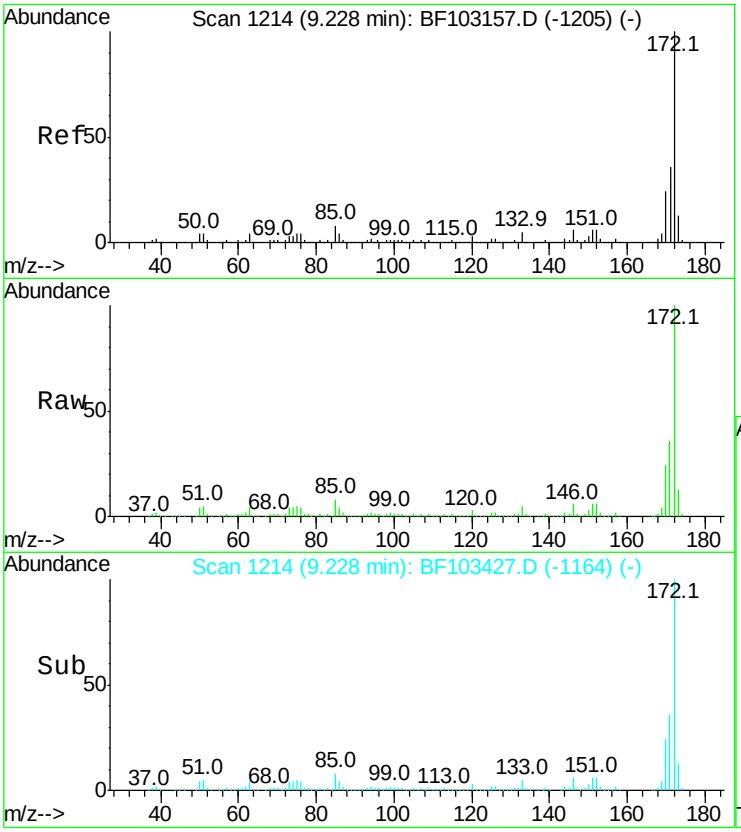


#41
2,4,6-Tribromophenol
Concen: 69.901 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:330 Resp: 119154

Ion	Ratio	Lower	Upper
330	100		
332	104.3	77.0	115.6
141	48.8	29.9	44.9#



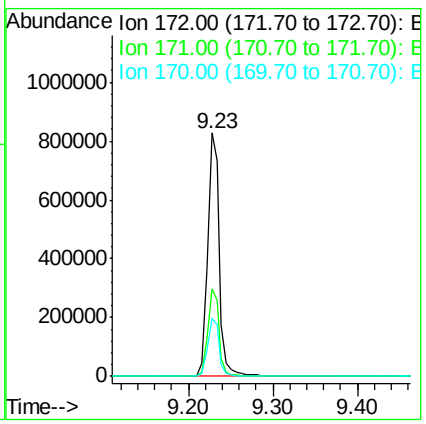


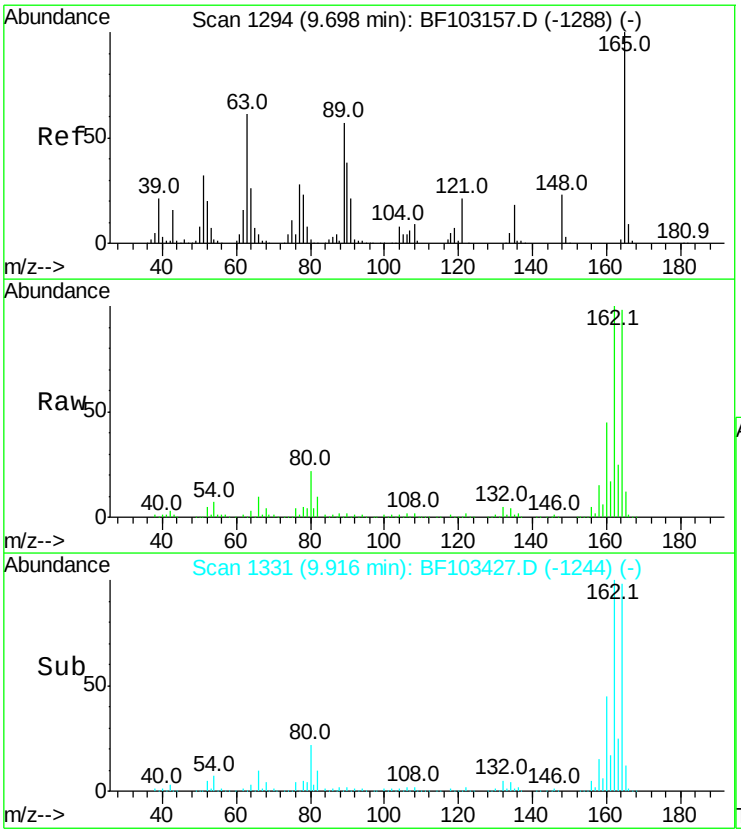
#44
2-Fluorobiphenyl
Concen: 64.760 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 802046

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4

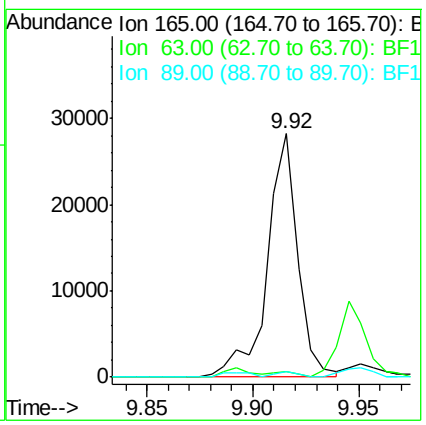


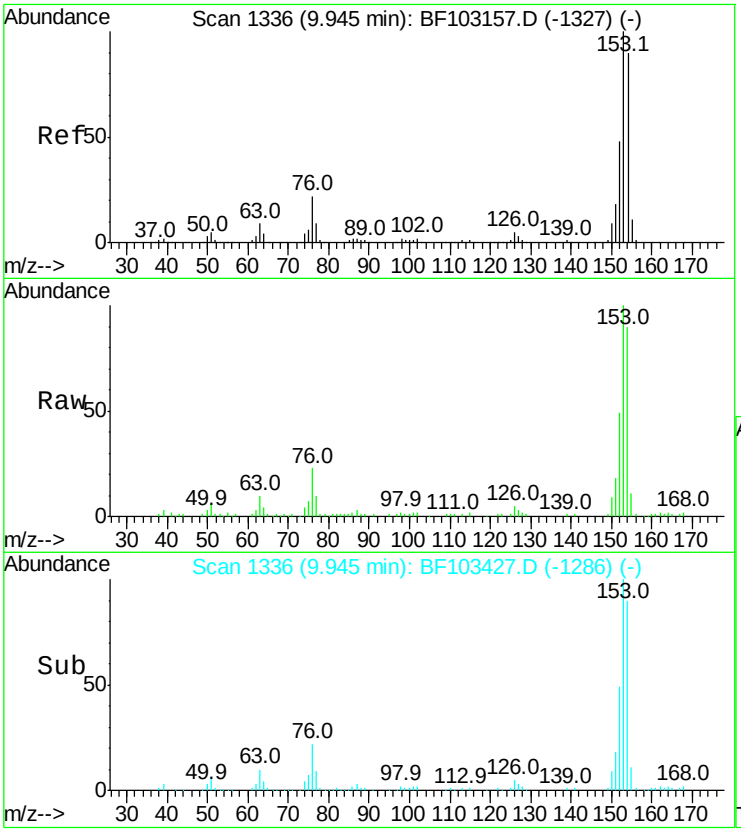


#50
2,6-Dinitrotoluene
Concen: 8.347 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:165 Resp: 28298

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	2.1	44.0	66.0#



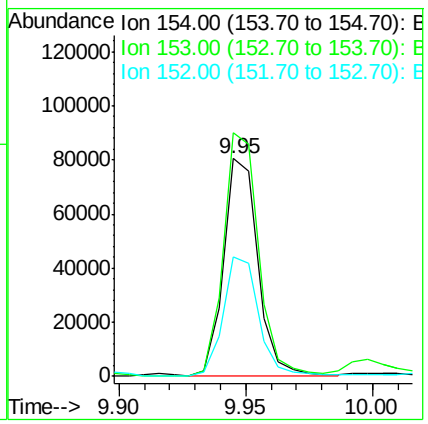


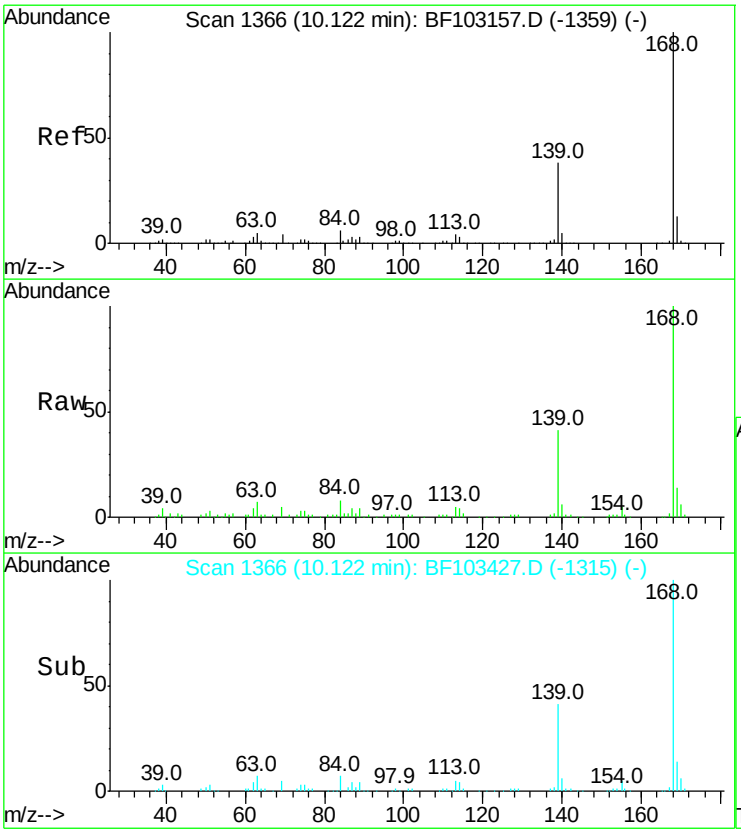
#51
Acenaphthene
Concen: 6.340 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 75937

Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.2	136.8
152	55.0	43.8	65.8

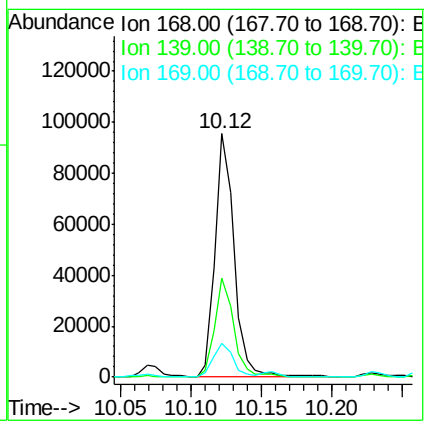


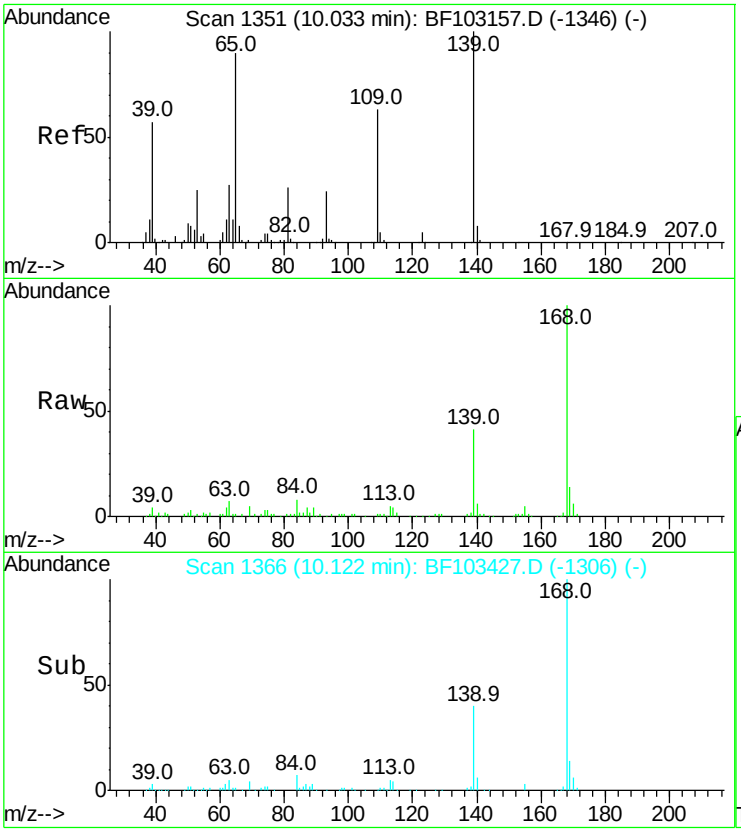


#54
Dibenzofuran
Concen: 5.495 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:168 Resp: 90352

Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.1	45.1
169	14.0	10.9	16.3



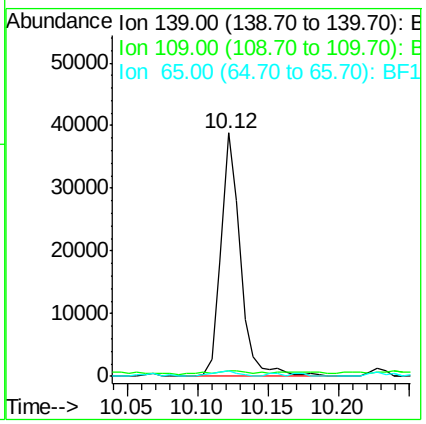


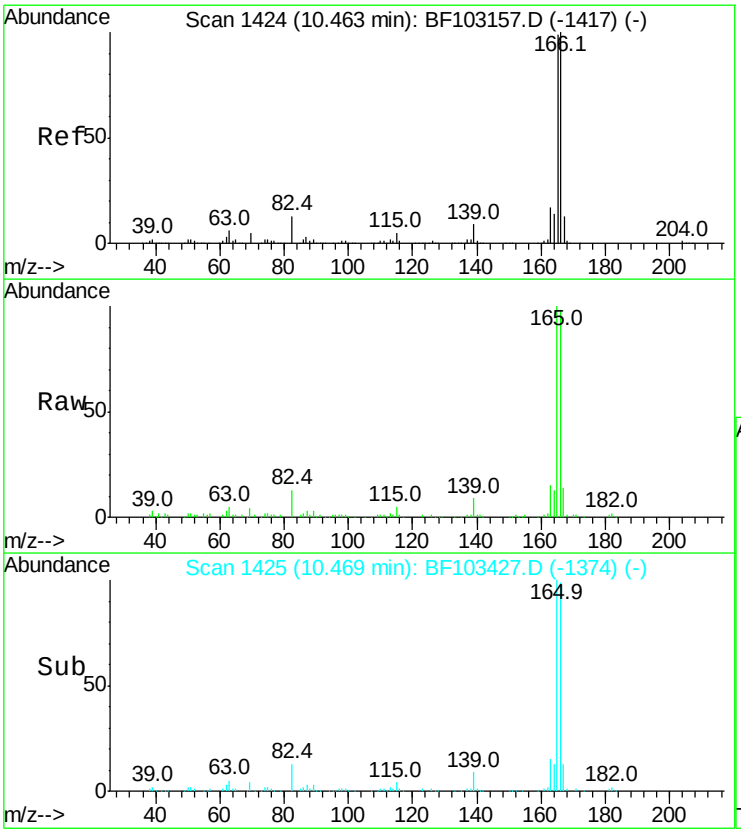
#55
4-Nitrophenol
Concen: 14.077 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.05 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 37527

Ion	Ratio	Lower	Upper
139	100		
109	2.1	48.4	88.4#
65	2.1	72.6	112.6#

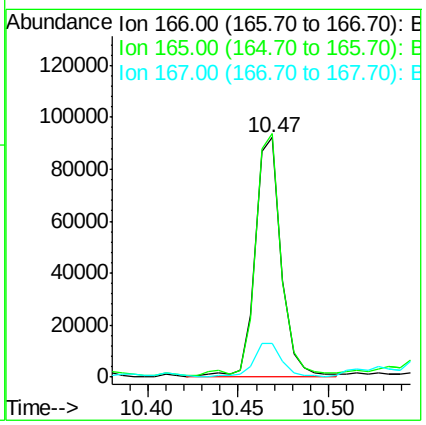


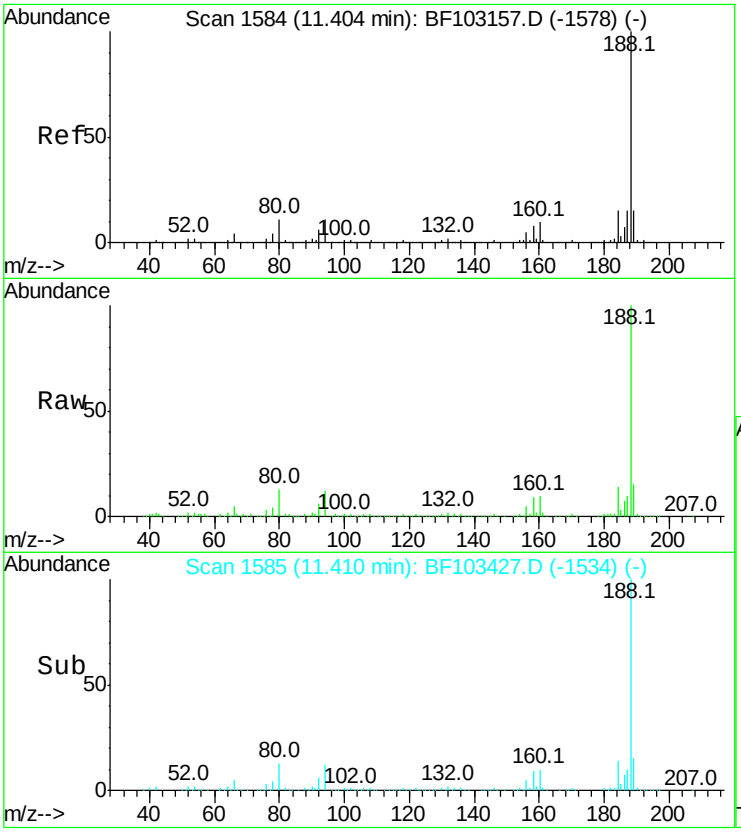


#57
Fluorene
Concen: 6.652 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:166 Resp: 93173

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.8	119.8
167	13.9	10.6	16.0



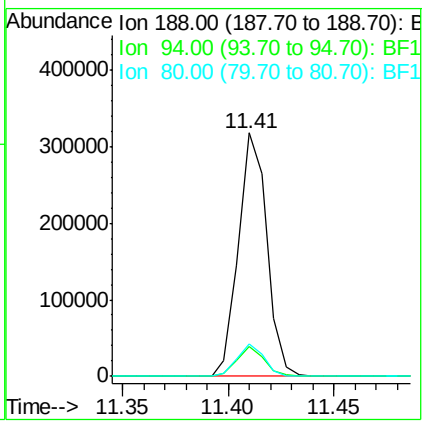


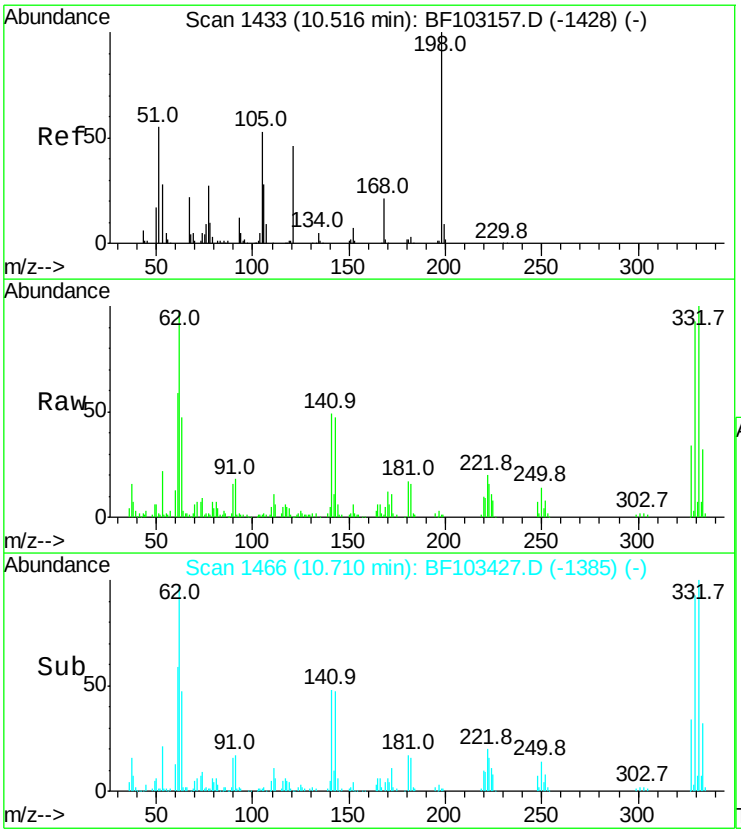
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 296763

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.1	9.2	13.8

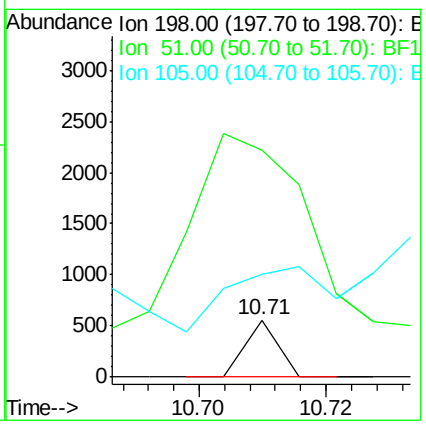


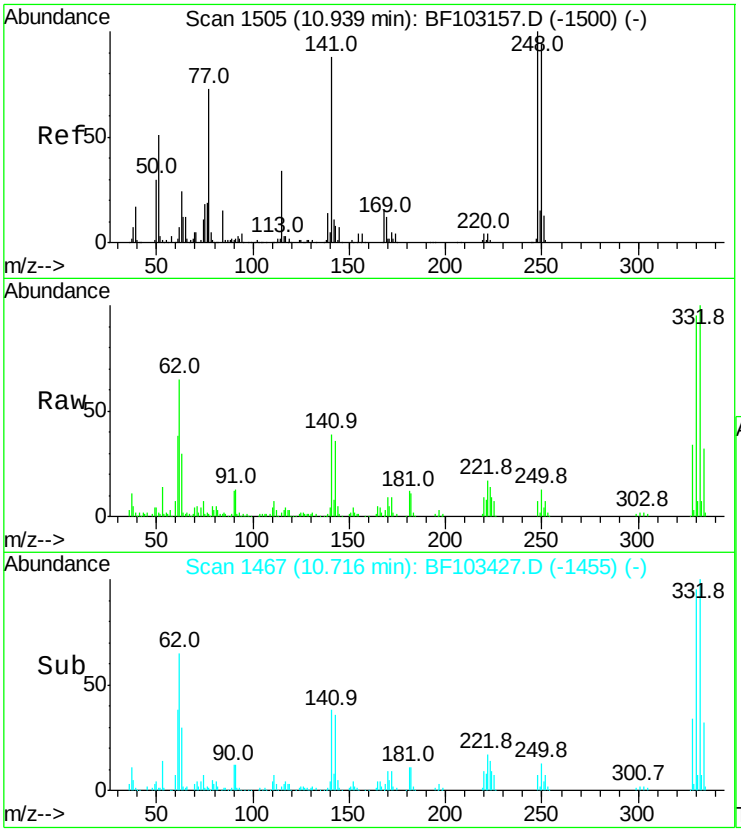


#64
4,6-Dinitro-2-methylphenol
Concen: 5.043 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:198 Resp: 196

Ion	Ratio	Lower	Upper
198	100		
51	400.2	37.7	77.7#
105	181.1	36.3	76.3#



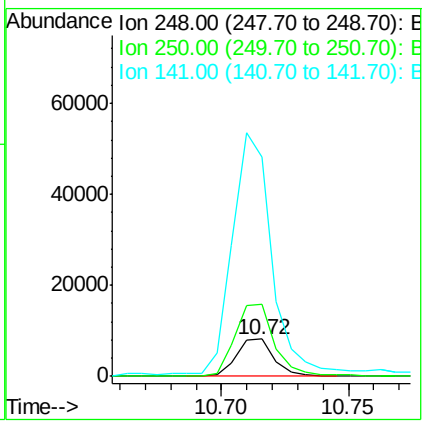


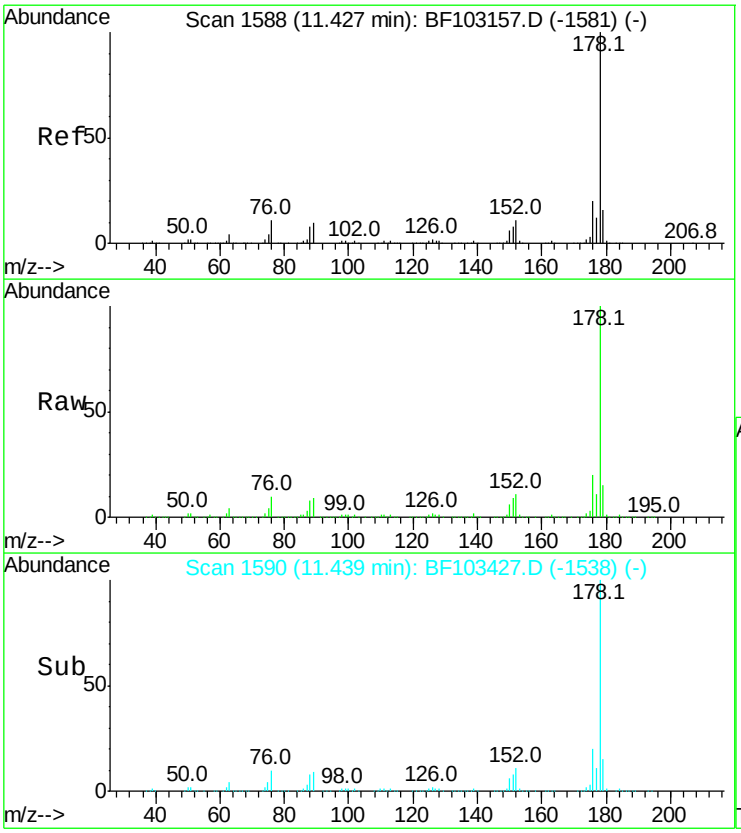
#66
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.23 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8451

Ion	Ratio	Lower	Upper
248	100		
250	195.0	76.9	115.3#
141	591.1	74.4	111.6#

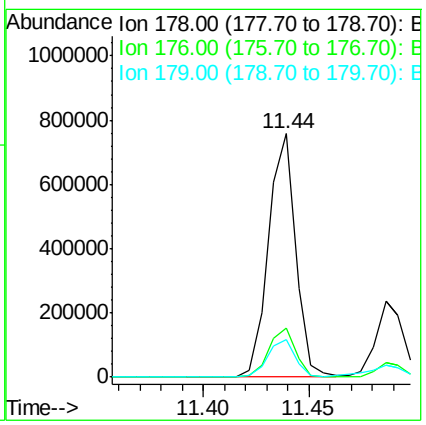


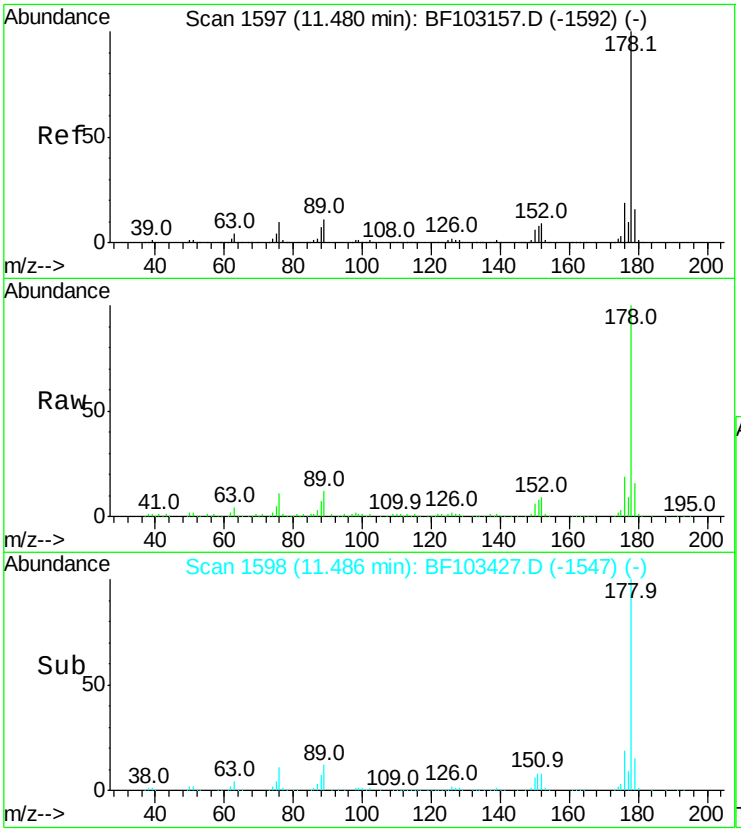


#70
Phenanthrene
Concen: 41.501 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:178 Resp: 677789

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.5	13.0	19.6



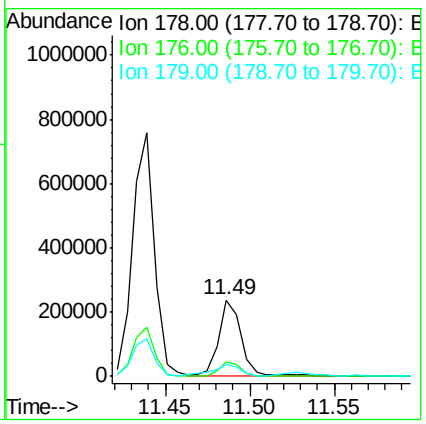


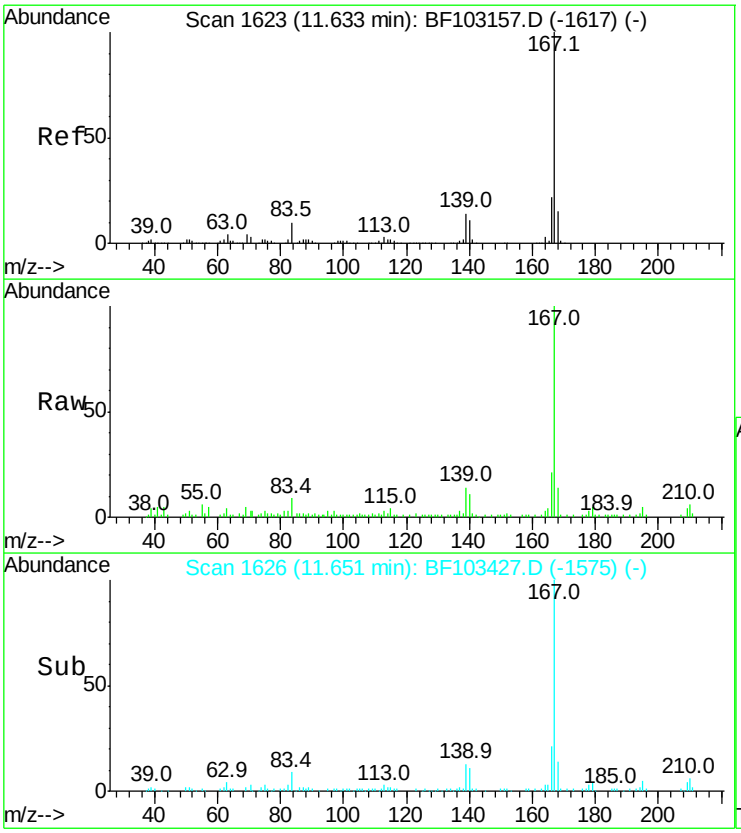
#71
Anthracene
Concen: 13.235 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 221651

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.5	12.6	19.0

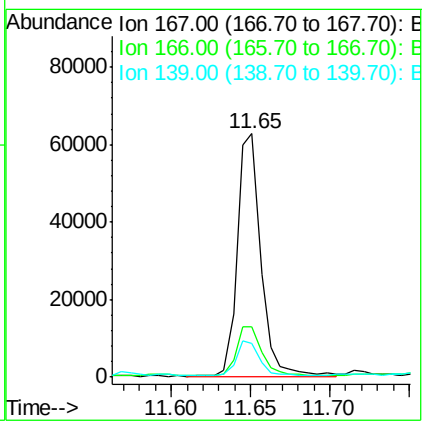


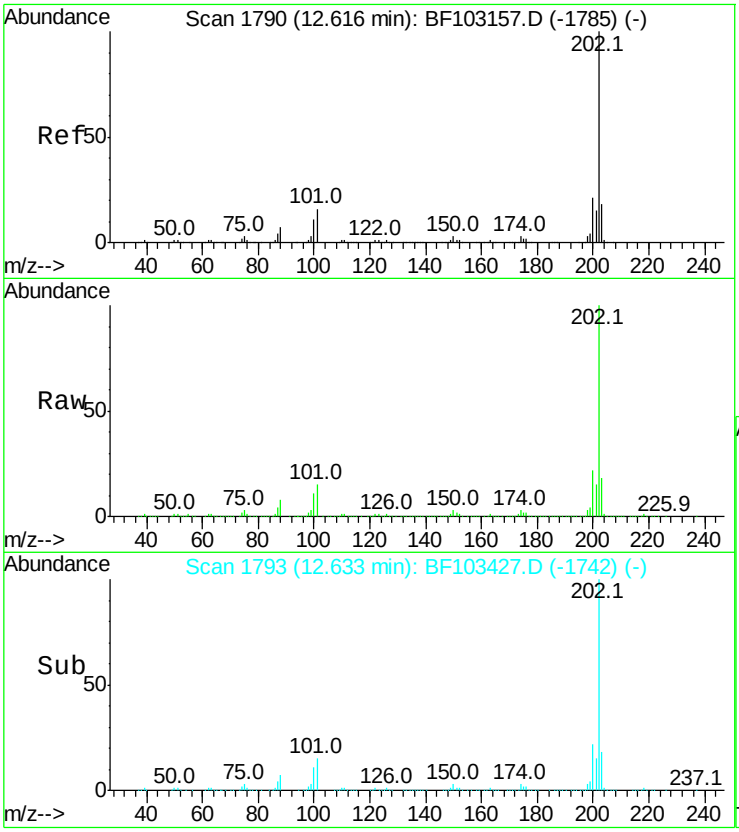


#72
Carbazole
Concen: 3.943 ng
RT: 11.65 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:167 Resp: 65763

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.6	26.4
139	13.9	10.9	16.3



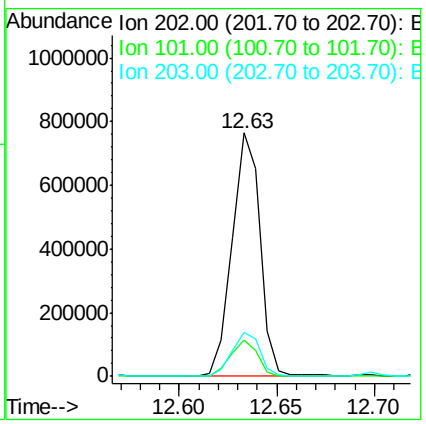


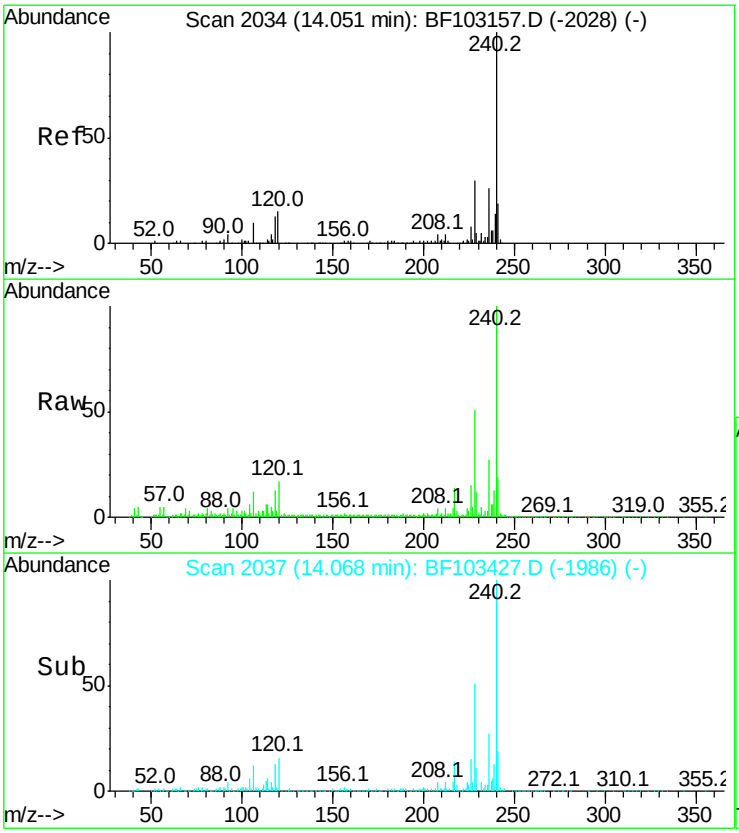
#74
Fluoranthene
Concen: 46.339 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 760497

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	34.1
203	17.9	0.0	38.1

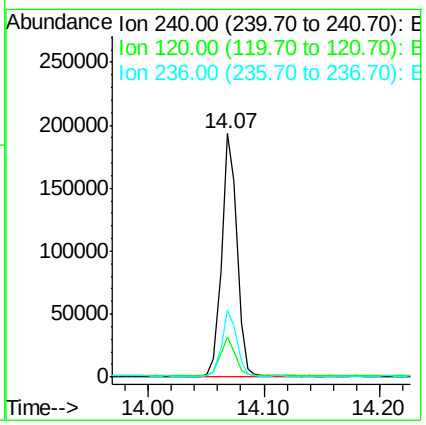


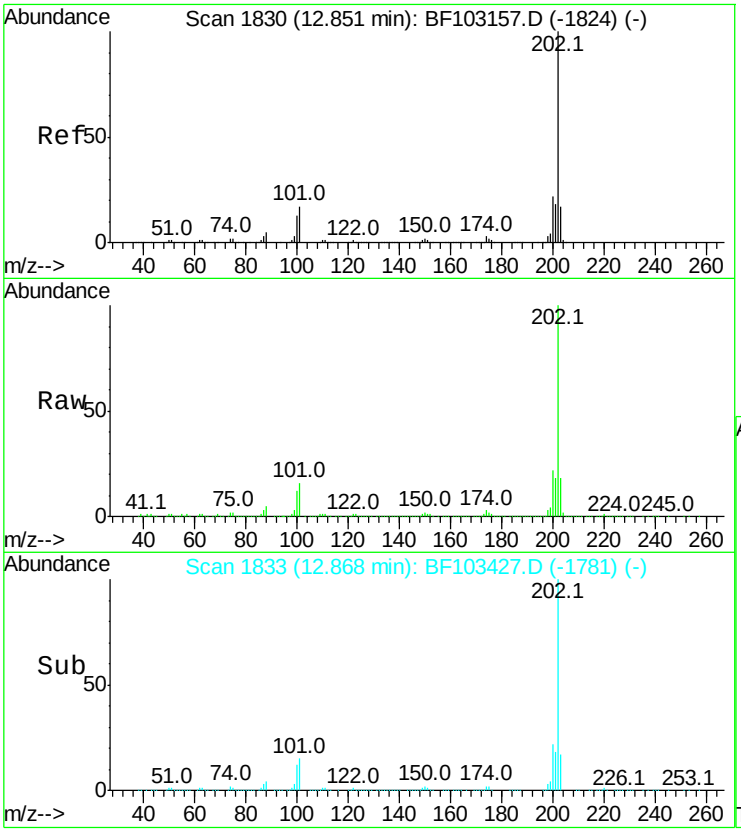


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:240 Resp: 176899

Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	27.3	20.7	31.1



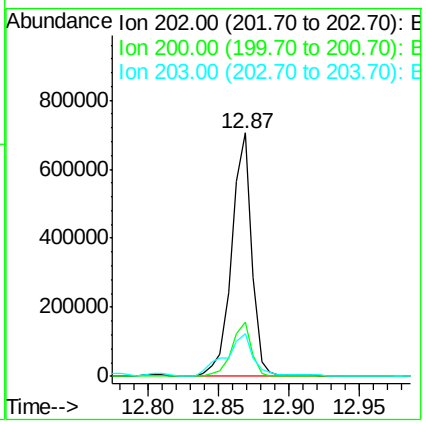


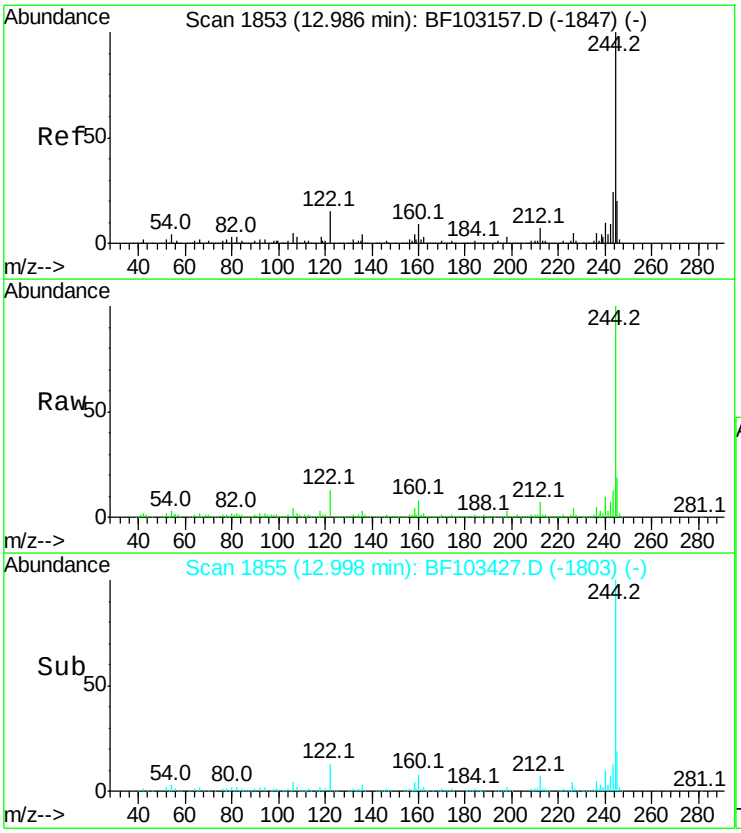
#77
Pyrene
Concen: 50.407 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 695218

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.7	14.3	21.5

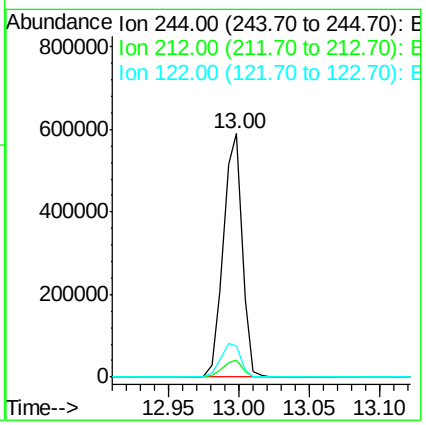


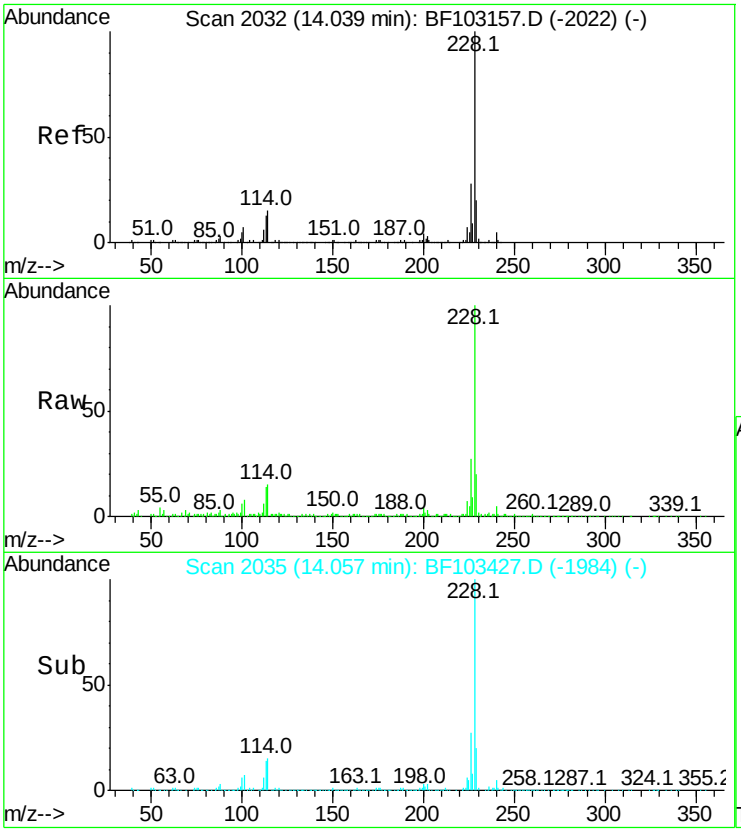


#78
Terphenyl-d14
Concen: 74.539 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:244 Resp: 548528

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.8	11.0	16.4



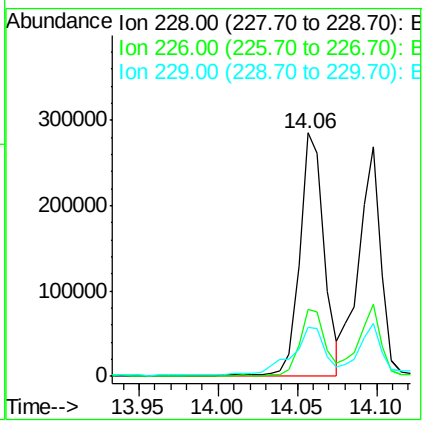


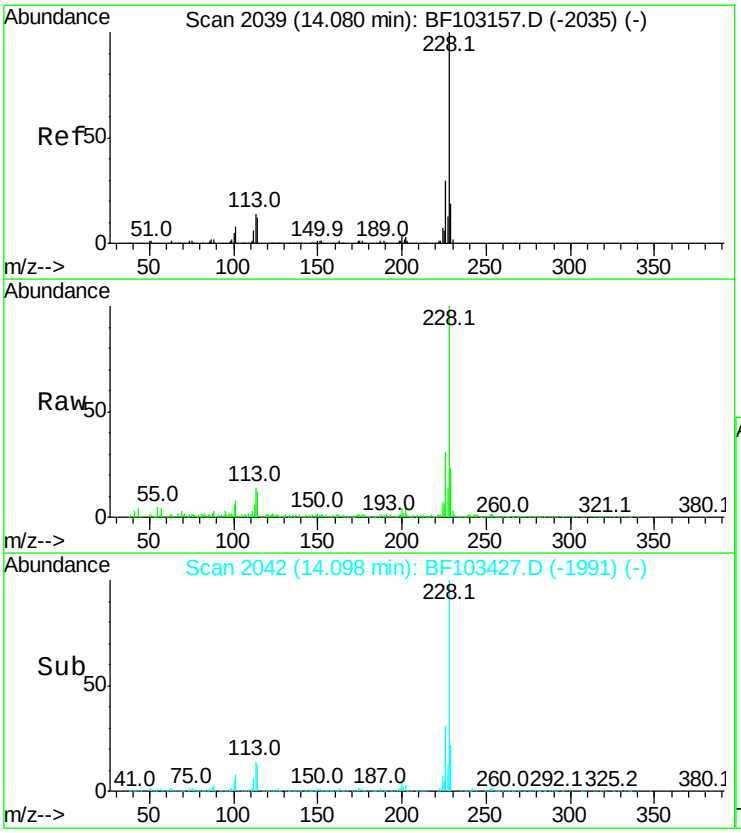
#80
Benzo(a)anthracene
Concen: 26.198 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 300696

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.4	15.8	23.6

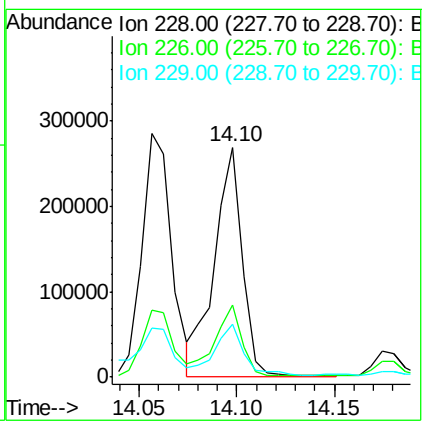


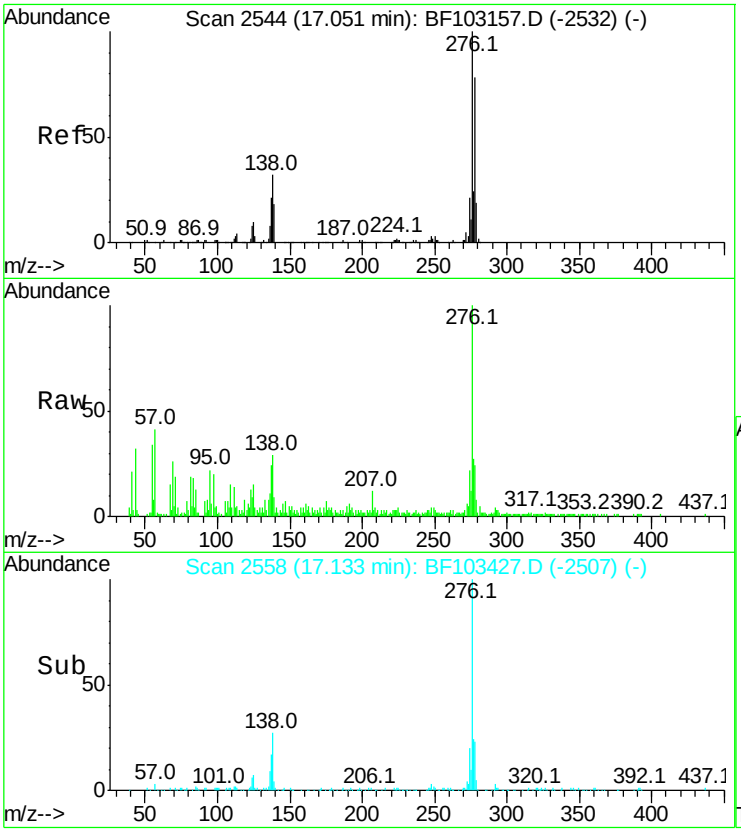


#82
Chrysene
Concen: 23.916 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:228 Resp: 266538

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.8	16.2	24.4



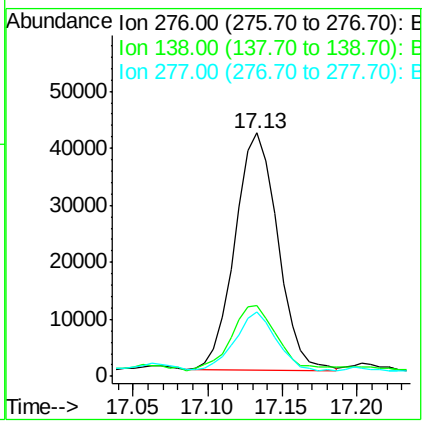


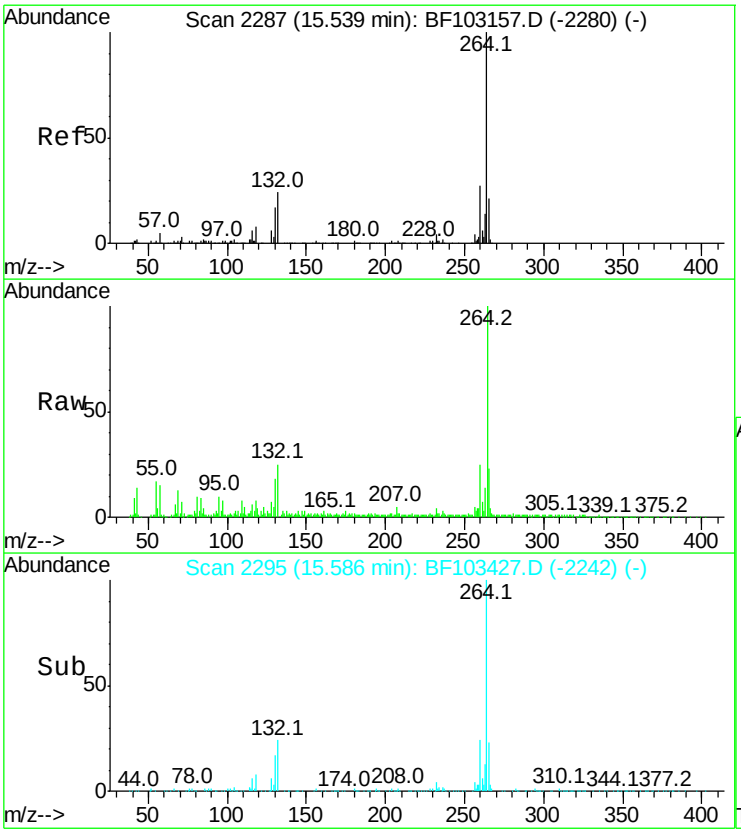
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.453 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 83405

Ion	Ratio	Lower	Upper
276	100		
138	30.9	25.0	37.6
277	24.3	20.1	30.1

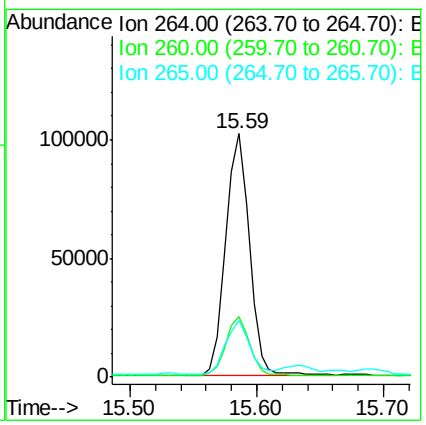


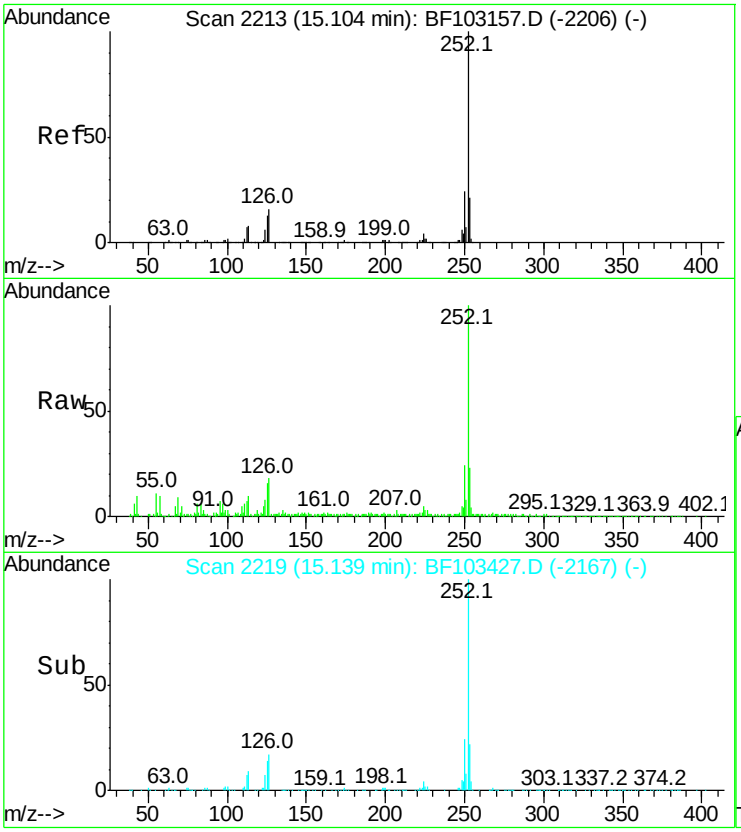


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:264 Resp: 131745

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.5	17.5	26.3



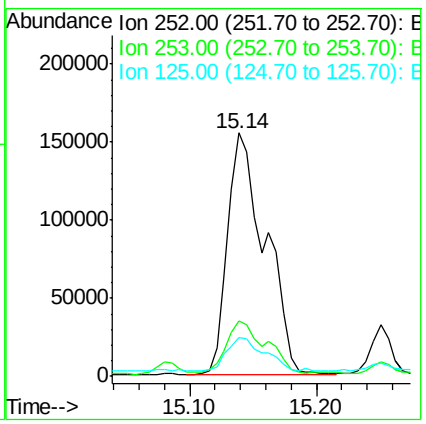


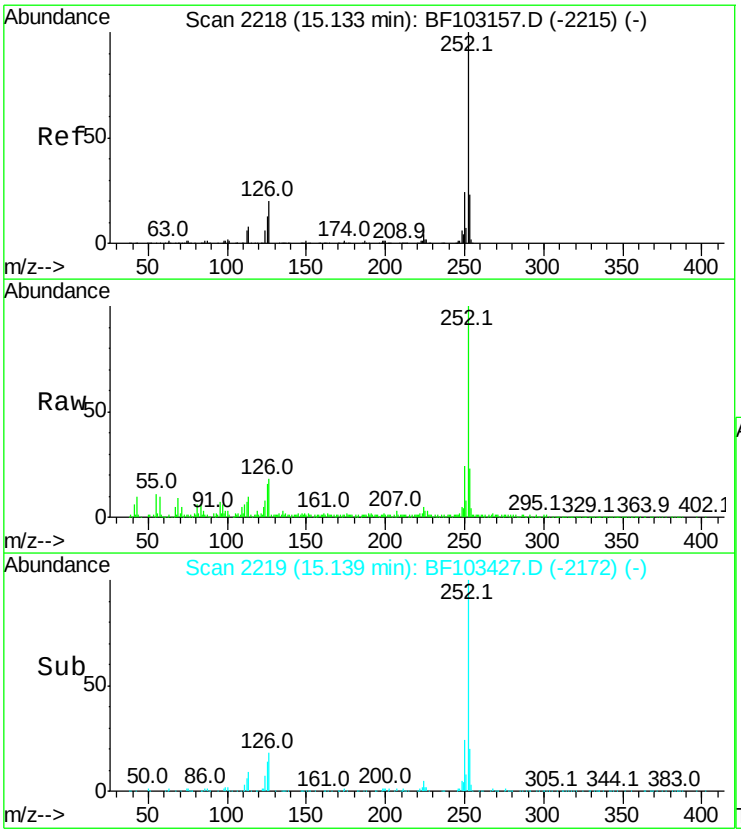
#87
Benzo(b)fluoranthene
Concen: 36.998 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 320478

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	16.1	9.0	13.6#

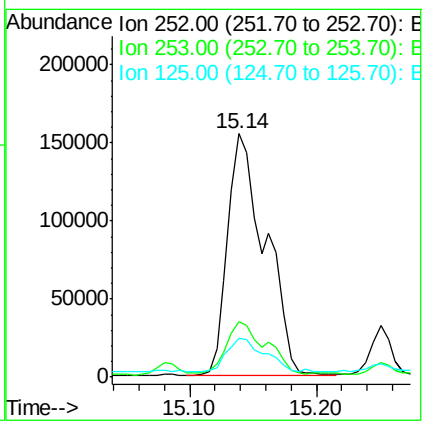


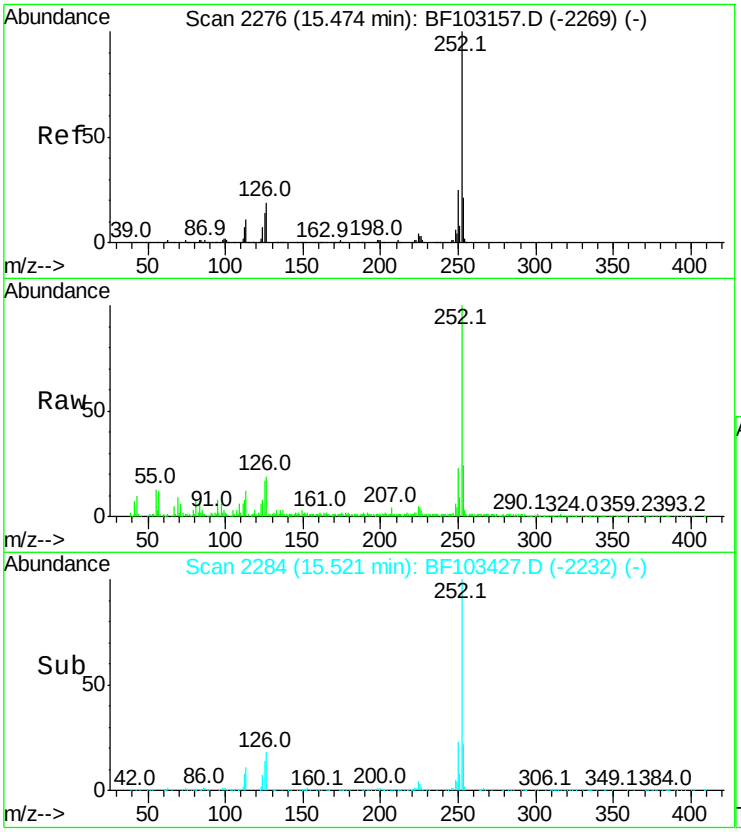


#88
Benzo(k)fluoranthene
Concen: 39.290 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:252 Resp: 320478

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	16.1	10.2	15.2#



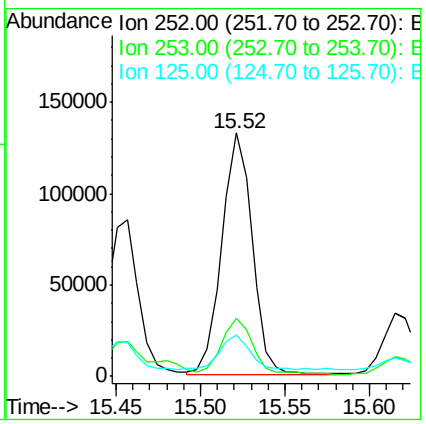


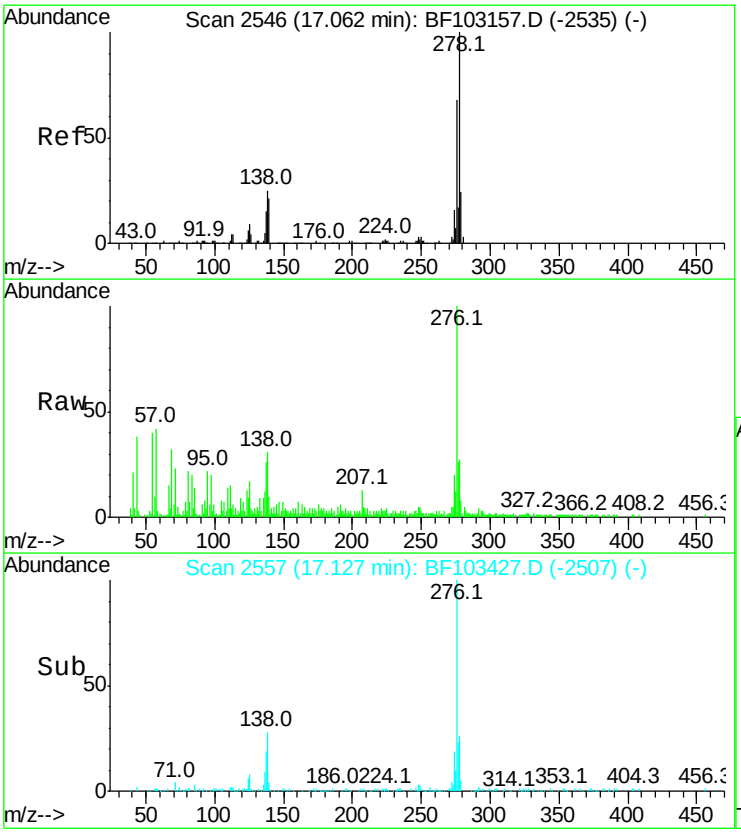
#89
Benzo(a)pyrene
Concen: 21.399 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 165525

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	16.8	9.8	14.6#

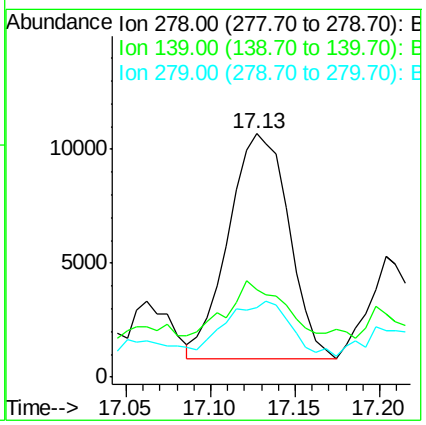


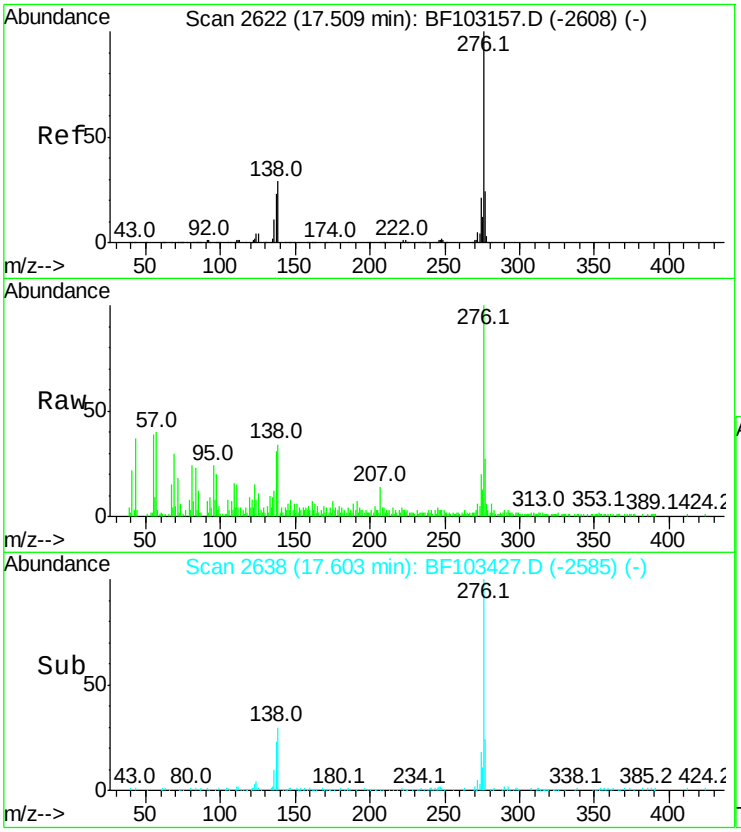


#90
Dibenzo(a,h)anthracene
Concen: 4.086 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Tgt Ion:278 Resp: 24422

Ion	Ratio	Lower	Upper
278	100		
139	36.1	15.9	23.9#
279	28.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 13.295 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.01 min
Lab File: BF103427.D
Acq: 5 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 77665

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	34.2	21.8	32.8#