Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104633.D
Acq On : 19 Apr 2018 17:38
Operator : JU/SJ
Sample : J2157-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 20 00:54:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137861	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	566627	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	249130	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	406513	20.00	ng		0.00
75) Chrysene-d12	13.98	240	266050	20.00	ng		0.00
86) Perylene-d12	15.45	264	245724	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	822332	91.21	ng		0.00
7) Phenol-d6	6.45	99	1024394	92.47	ng		0.00
23) Nitrobenzene-d5	7.37	82	636679	73.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	237790	92.01	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	920889	58.39	ng		0.00
78) Terphenyl-d14	12.92	244	688671	59.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	57455	4.888	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	84083	11.615	ng	#	72
25) Isophorone	7.37	82	633195	34.507	ng	#	64
31) Naphthalene	8.10	128	166676	5.907	ng		99
37) 2-Methylnaphthalene	8.80	142	215002	11.780	ng		99
48) Acenaphthylene	9.70	152	122939	4.740	ng		97
49) Dimethylphthalate	9.56	163	171396	8.724	ng		99
51) Acenaphthene	9.87	154	73955	4.673	ng		98
53) 2,4-Dinitrophenol	10.12	184	231	5.358	ng	#	32
54) Dibenzofuran	10.05	168	61403	2.784	ng	#	90
57) Fluorene	10.39	166	192055	11.964	ng		99
64) 4,6-Dinitro-2-methylphenol	10.63	198	430	7.531	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	14565	3.368	ng	#	1
70) Phenanthrene	11.36	178	883366	39.021	ng		99
71) Anthracene	11.40	178	207908	9.035	ng		99
74) Fluoranthene	12.55	202	648603	27.422	ng		98
76) Benzidine	12.64	184	1199	Below Cal		#	1
77) Pyrene	12.78	202	875317	44.386	ng		99
80) Benzo(a)anthracene	14.00	228	372758	23.453	ng		95
82) Chrysene	14.00	228	372758	22.833	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	114836	8.280	ng		94
87) Benzo(b)fluoranthene	15.02	252	378208	24.370	ng	#	93
88) Benzo(k)fluoranthene	15.02	252	378208	25.813	ng		96
89) Benzo(a)pyrene	15.39	252	257528	18.546	ng		96
90) Dibenzo(a,h)anthracene	16.90	278	34464	3.022	ng	#	71
91) Benzo(g,h,i)perylene	17.34	276	128744	11.652	ng		96

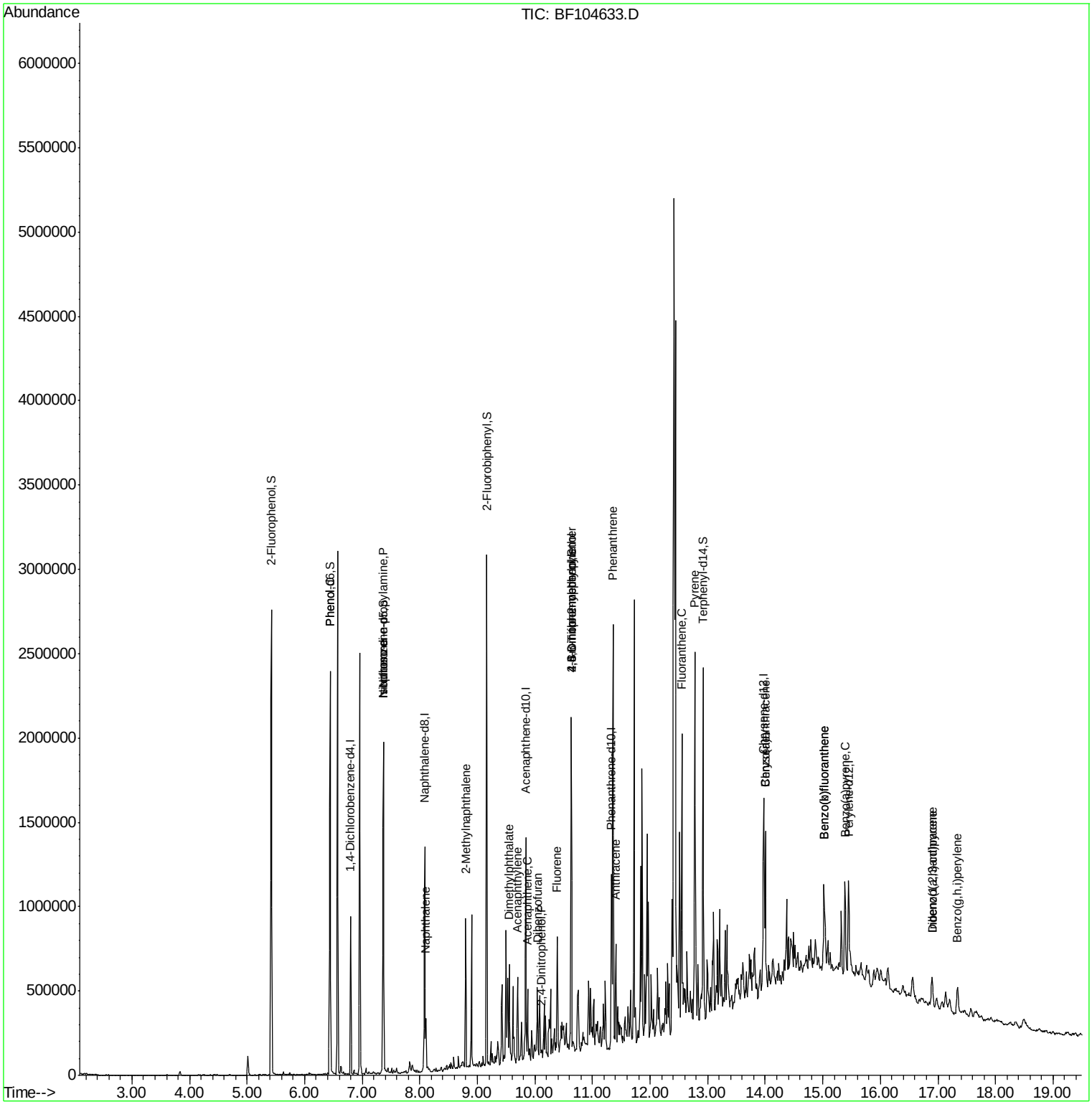
(#) = qualifier out of range (m) = manual integration (+) = signals summed

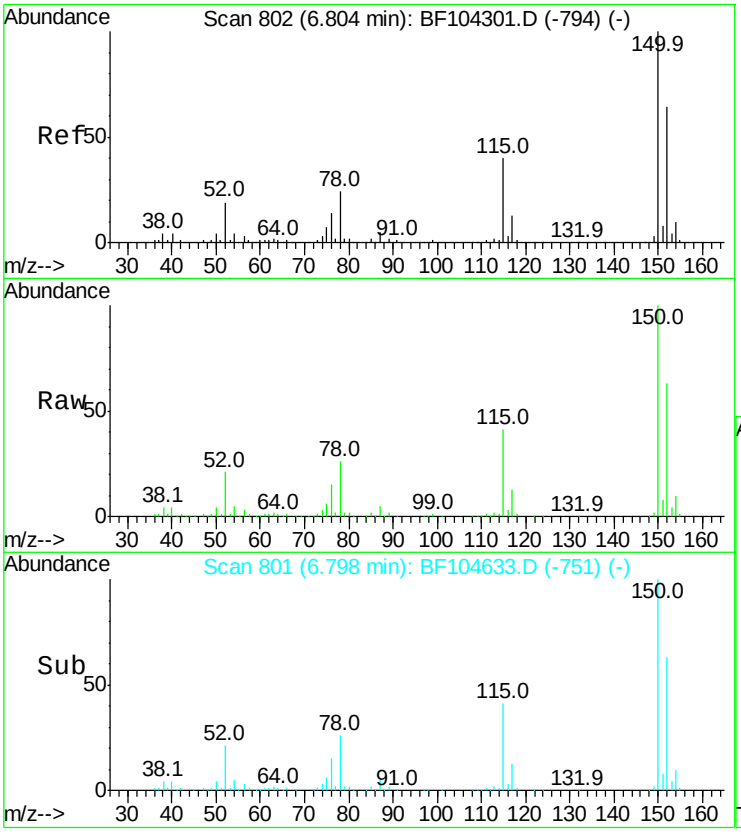
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104633.D
Acq On : 19 Apr 2018 17:38
Operator : JU/SJ
Sample : J2157-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 20 00:54:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

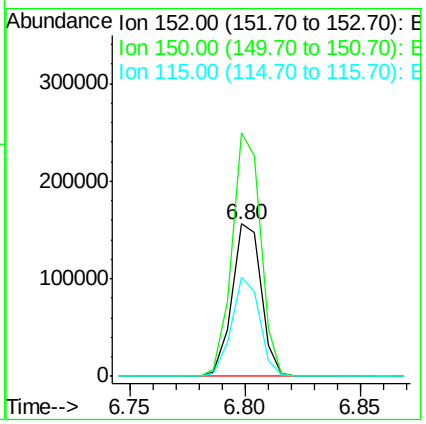




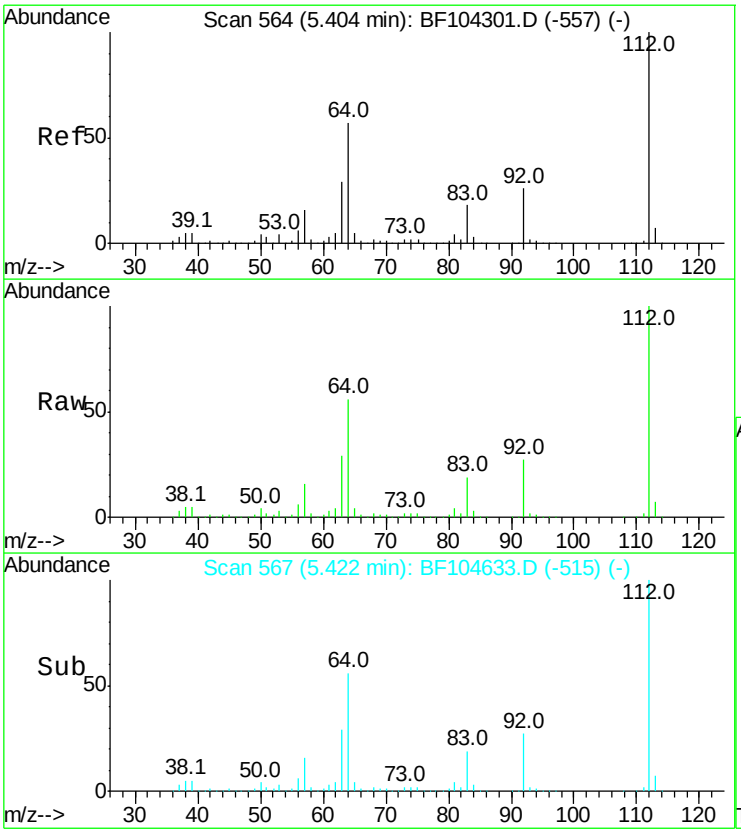
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:152 Resp: 137861

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	65.1	50.1	75.1



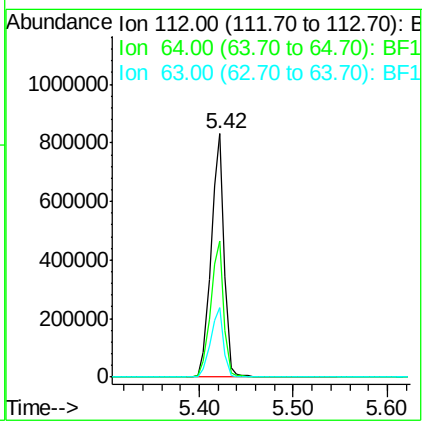
Instrument :
BNA_F
ClientSampleId :

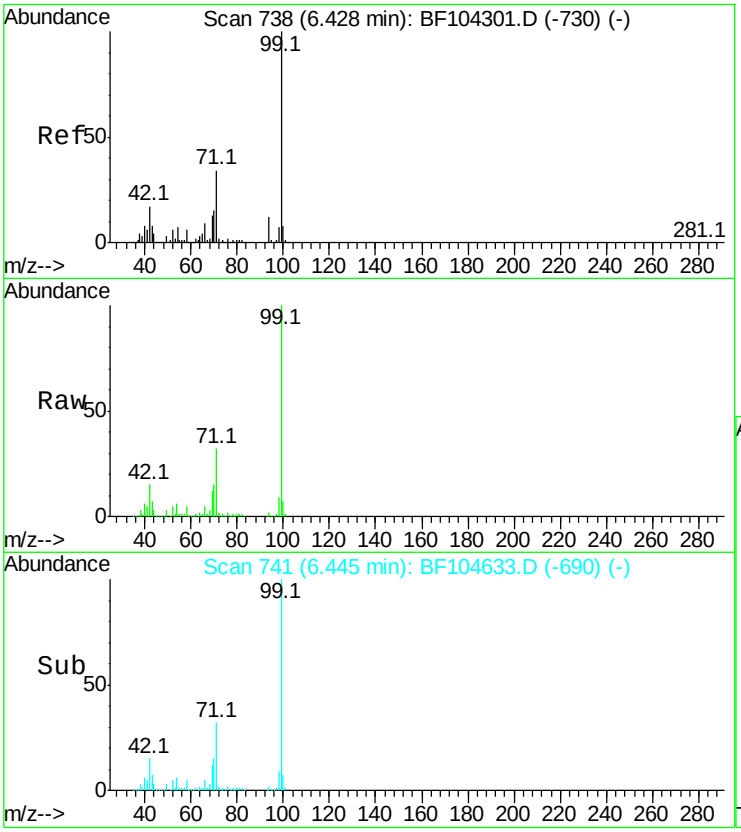


#5
2-Fluorophenol
Concen: 91.207 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:112 Resp: 822332

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	28.6	23.7	35.5



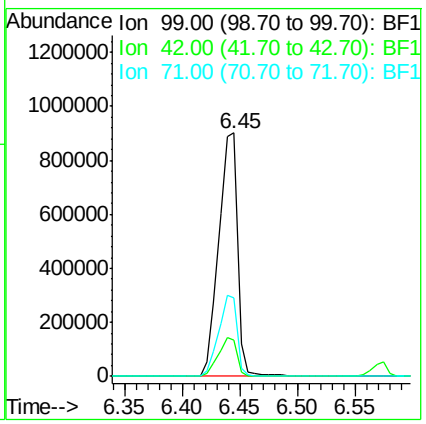


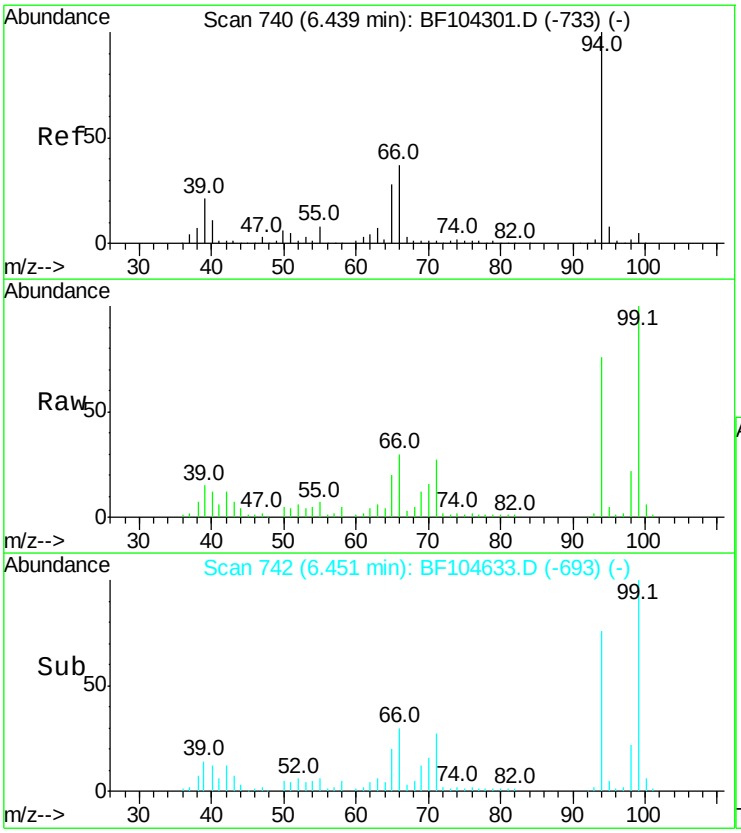
#7
Phenol-d6
Concen: 92.472 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1024394

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	32.3	25.4	38.0

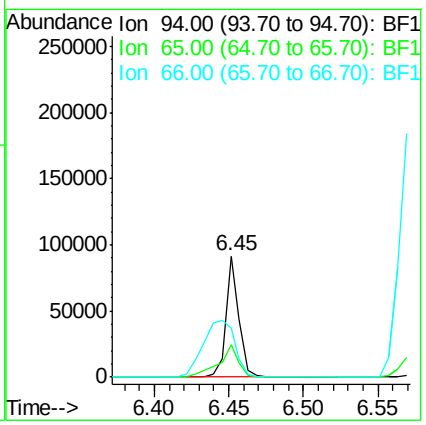


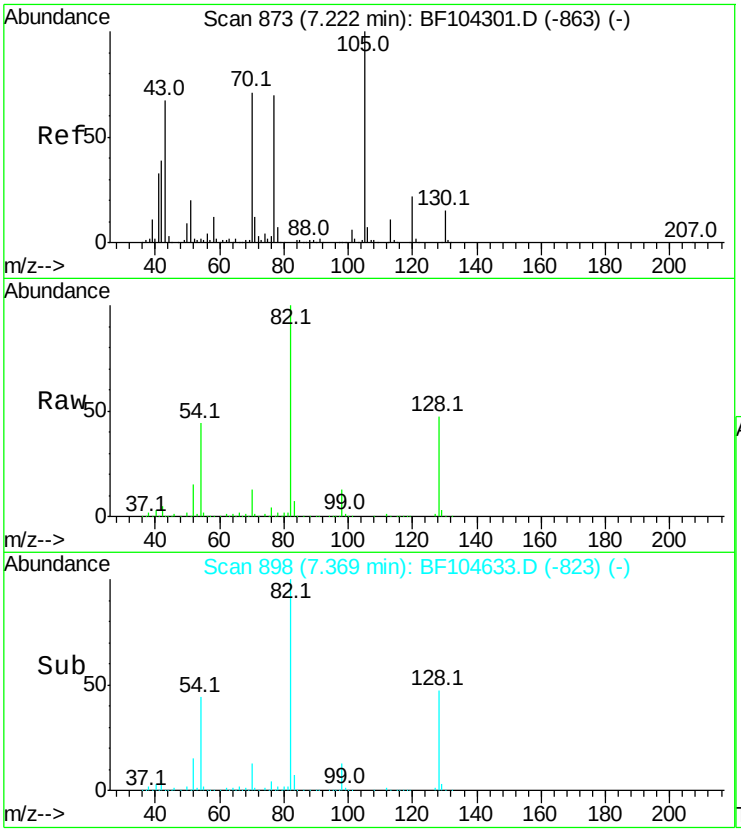


#10
Phenol
Concen: 4.888 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion: 94 Resp: 57455

Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	40.2	16.2	56.2



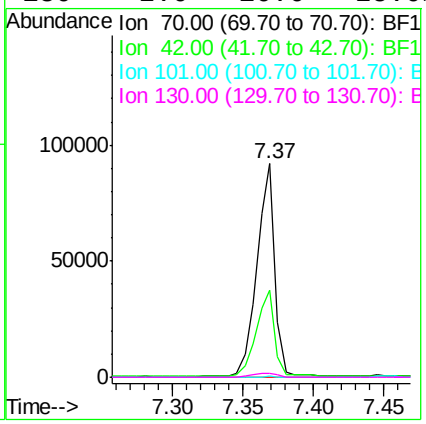


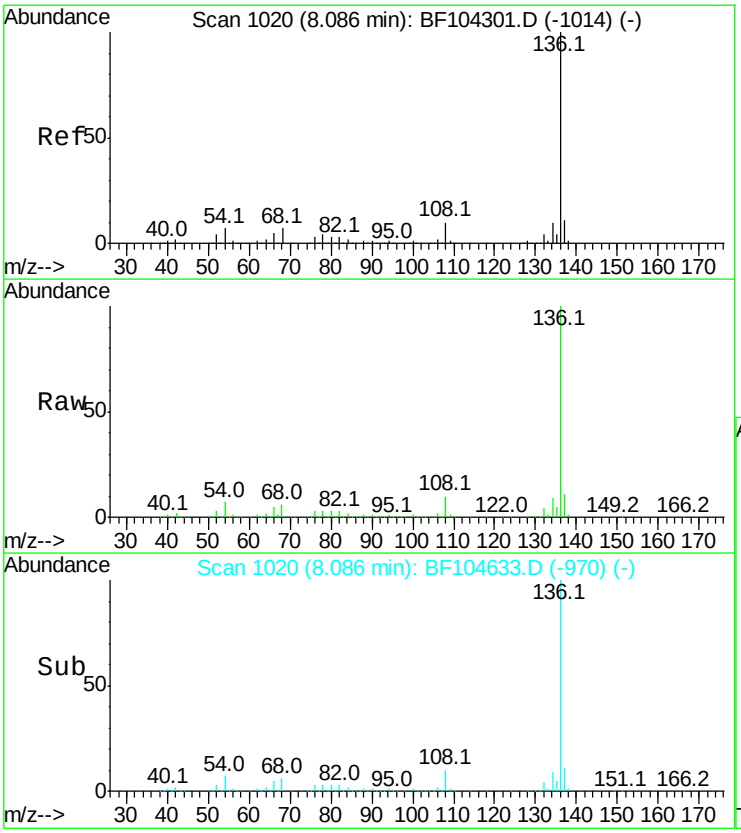
#19
n-Nitroso-di-n-propylamine
Concen: 11.615 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 84083

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.3	7.4	11.2#
130	2.0	16.6	25.0#

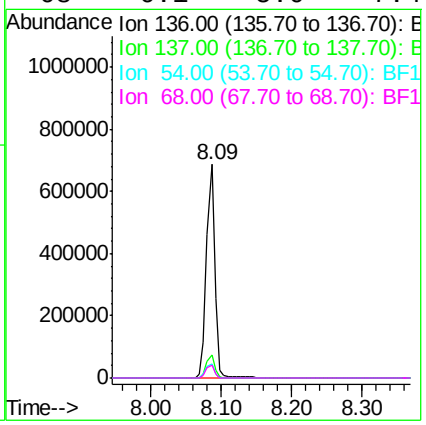


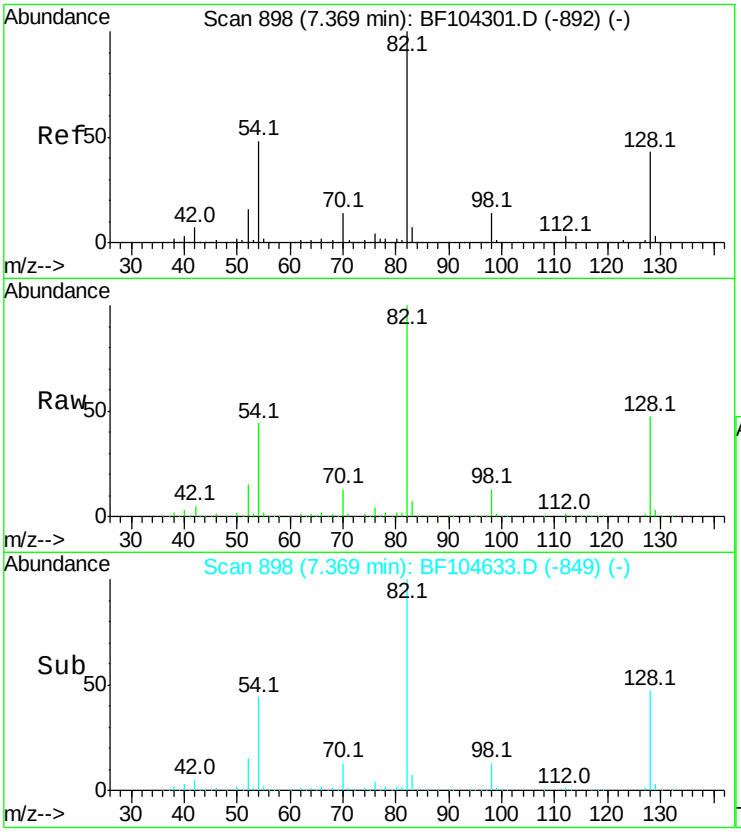


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:136 Resp: 566627

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	6.1	5.0	7.4



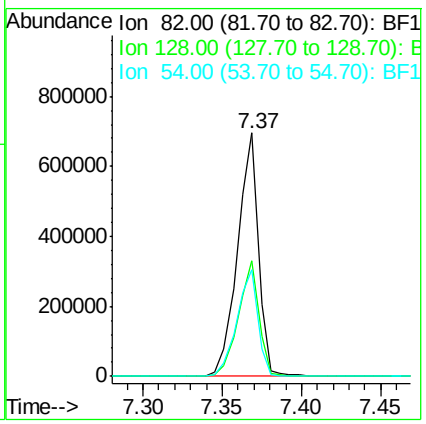


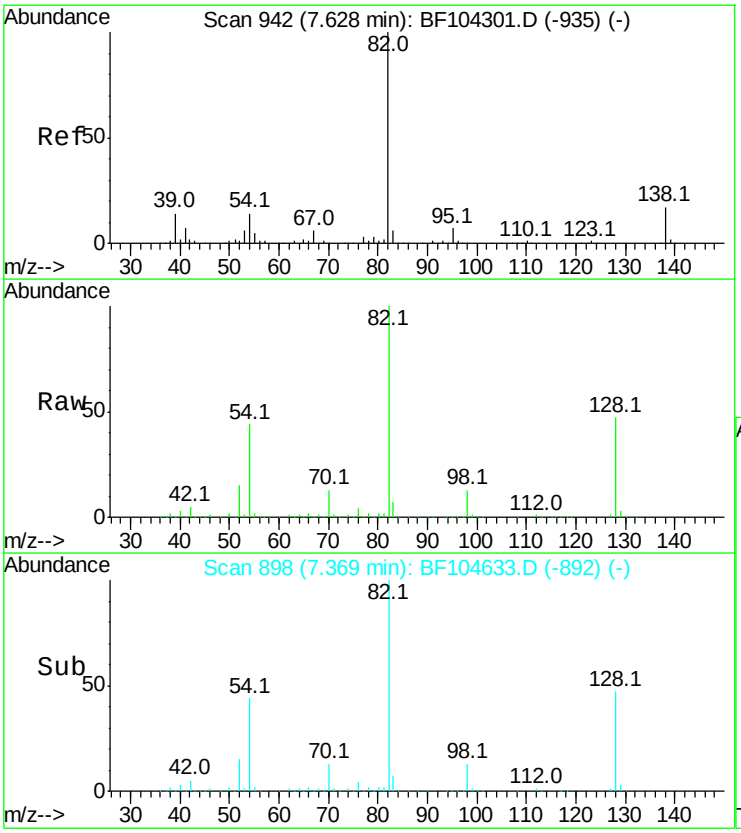
#23
Nitrobenzene-d5
Concen: 73.371 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 636679

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	44.0	41.4	62.2

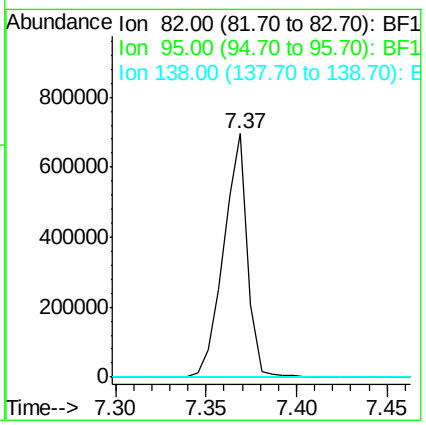


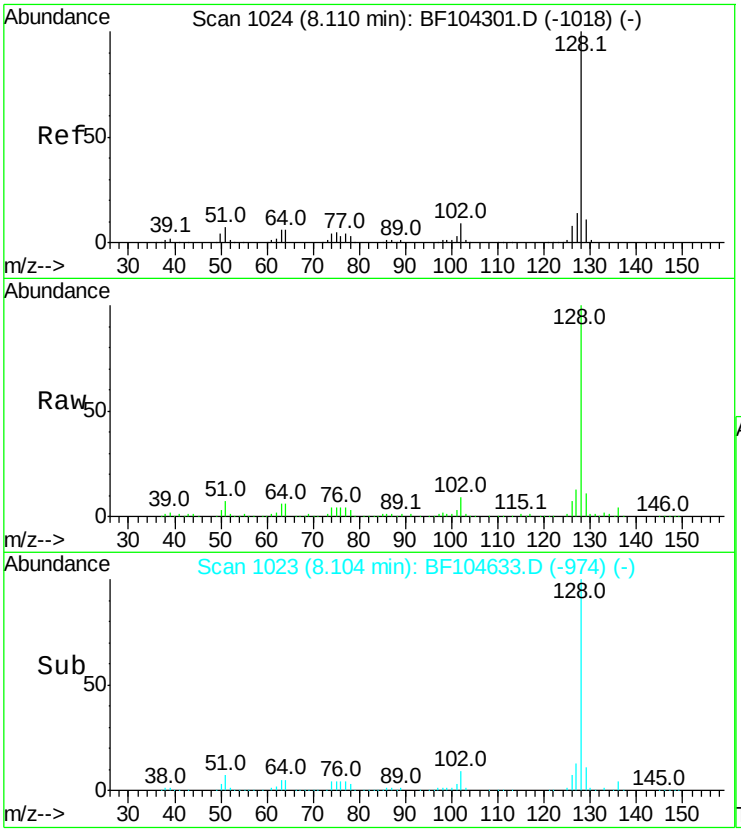


#25
Isophorone
Concen: 34.507 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion: 82 Resp: 633195

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



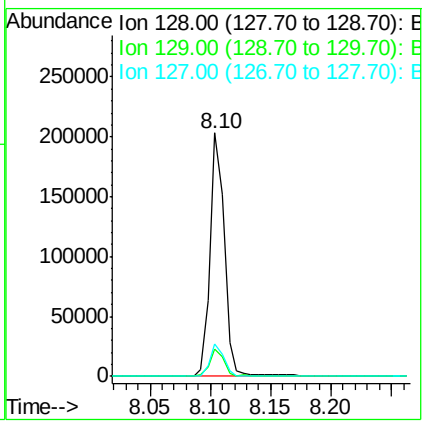


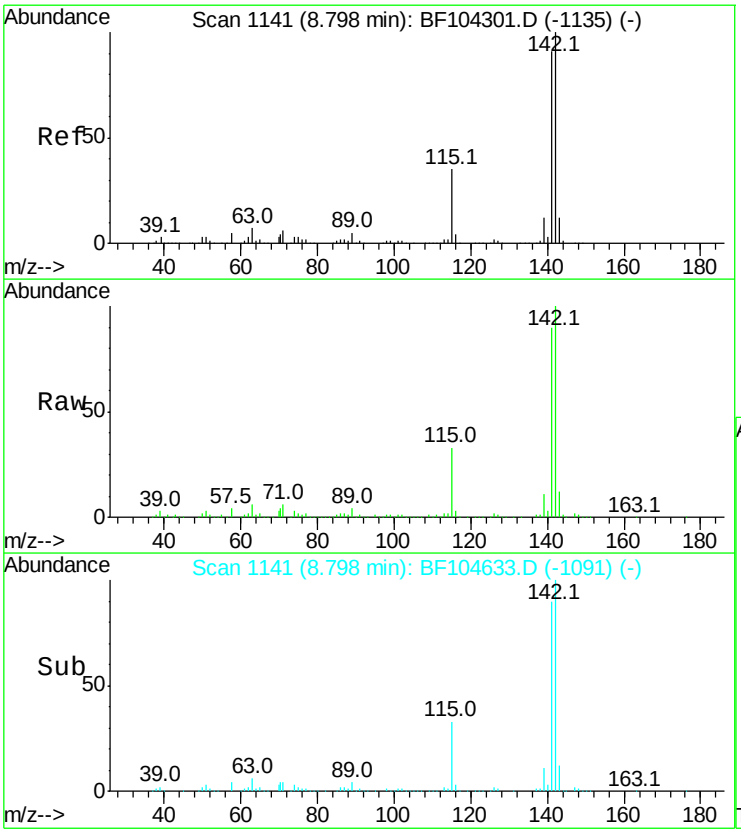
#31
Naphthalene
Concen: 5.907 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 166676

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.9	16.3

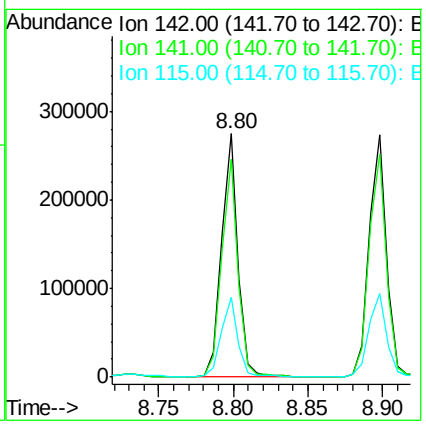


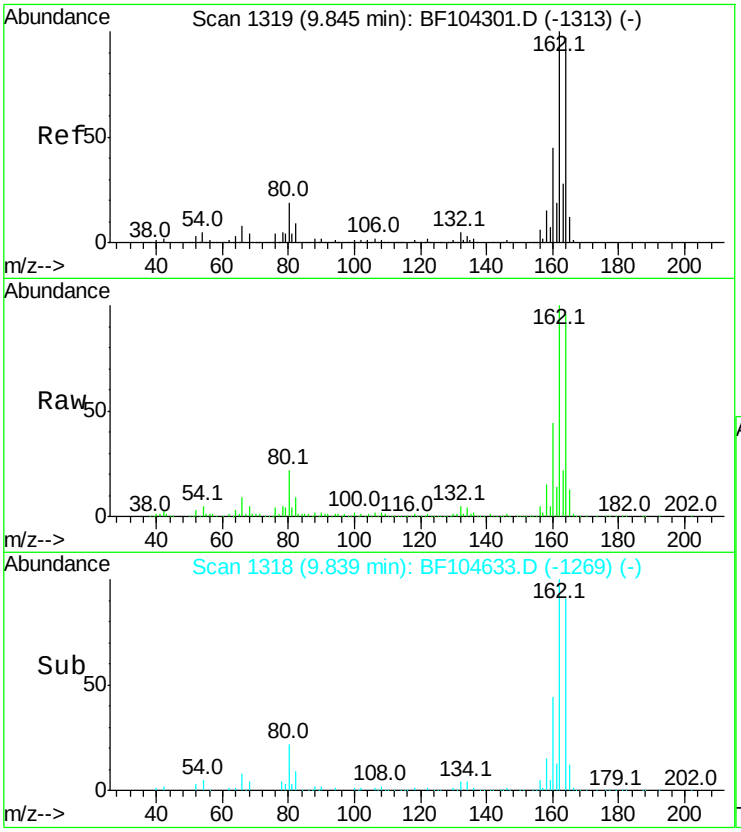


#37
2-Methylnaphthalene
Concen: 11.780 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:142 Resp: 215002

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	32.9	26.1	39.1



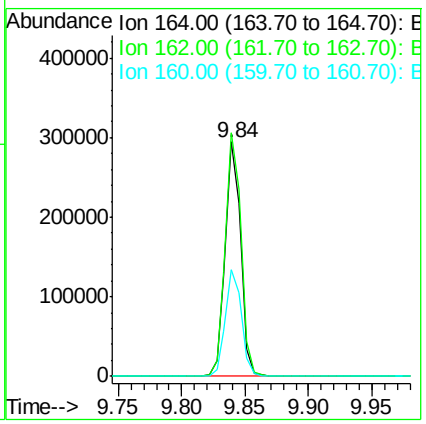


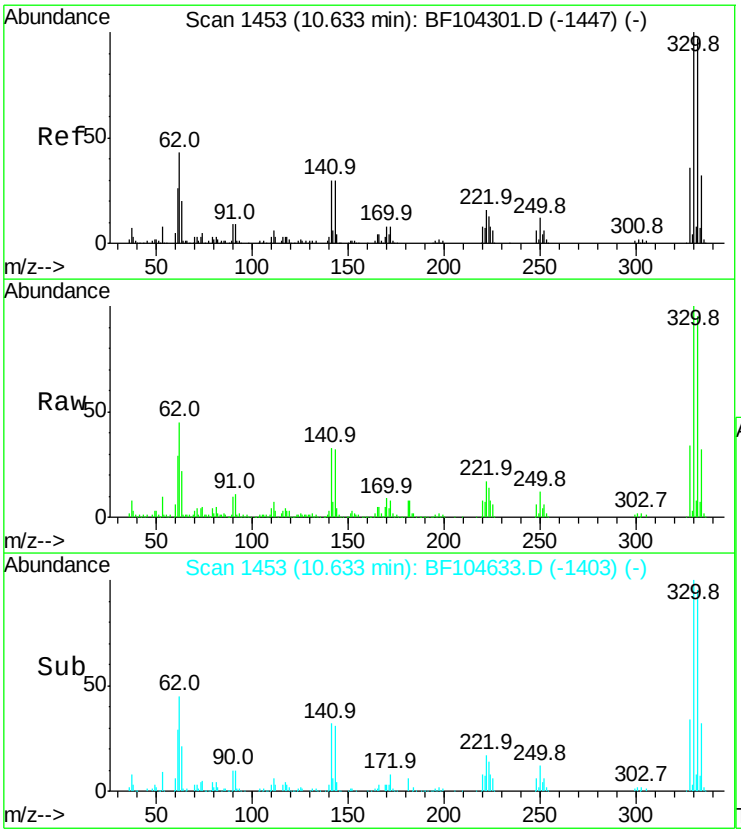
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 249130

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.7	38.3	57.5

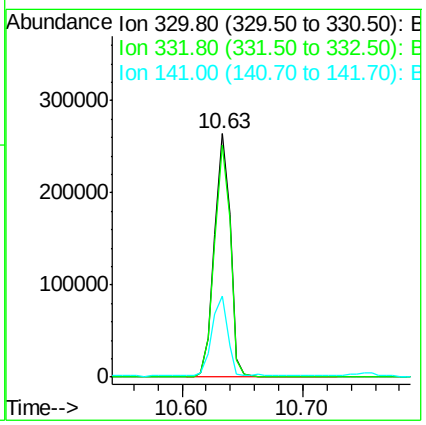


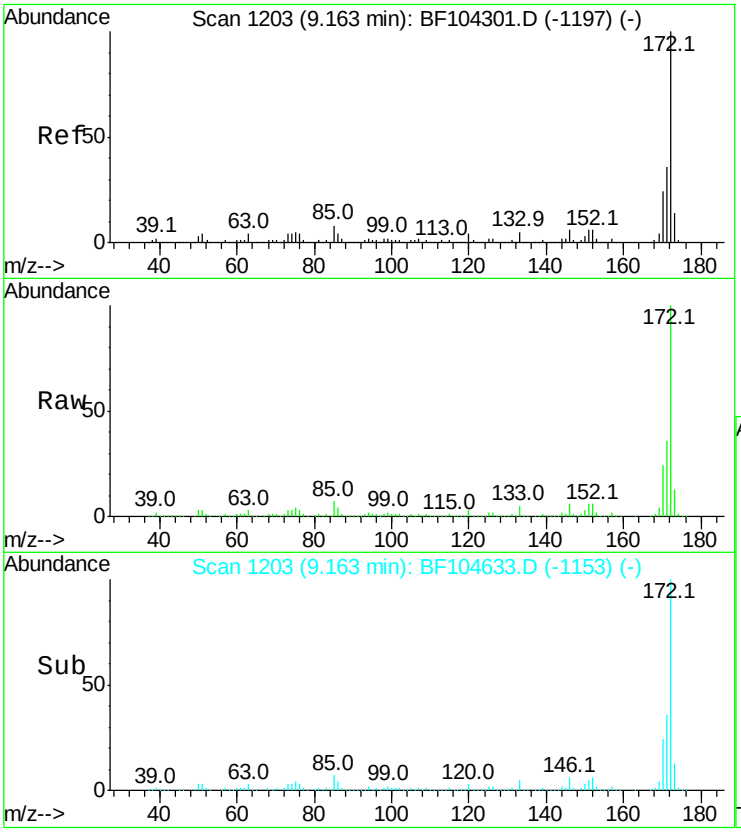


#41
2,4,6-Tribromophenol
Concen: 92.014 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:330 Resp: 237790

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.9	29.9	44.9



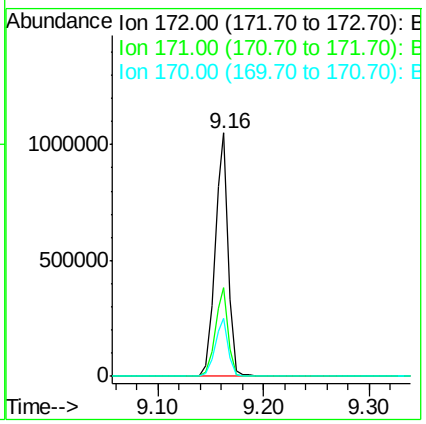


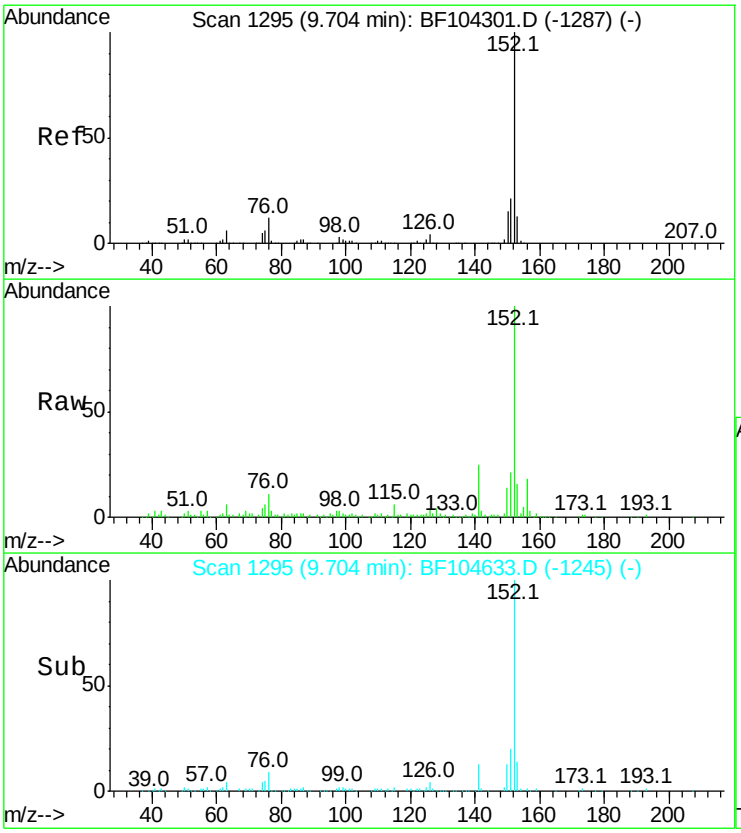
#44
2-Fluorobiphenyl
Concen: 58.394 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 920889

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

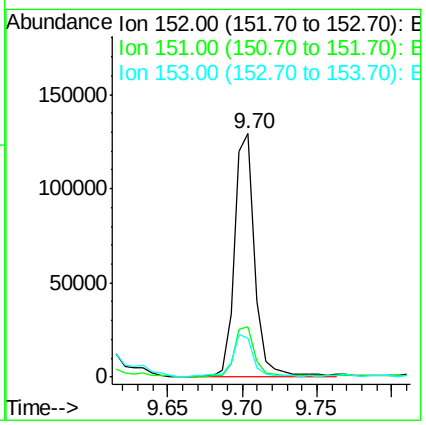


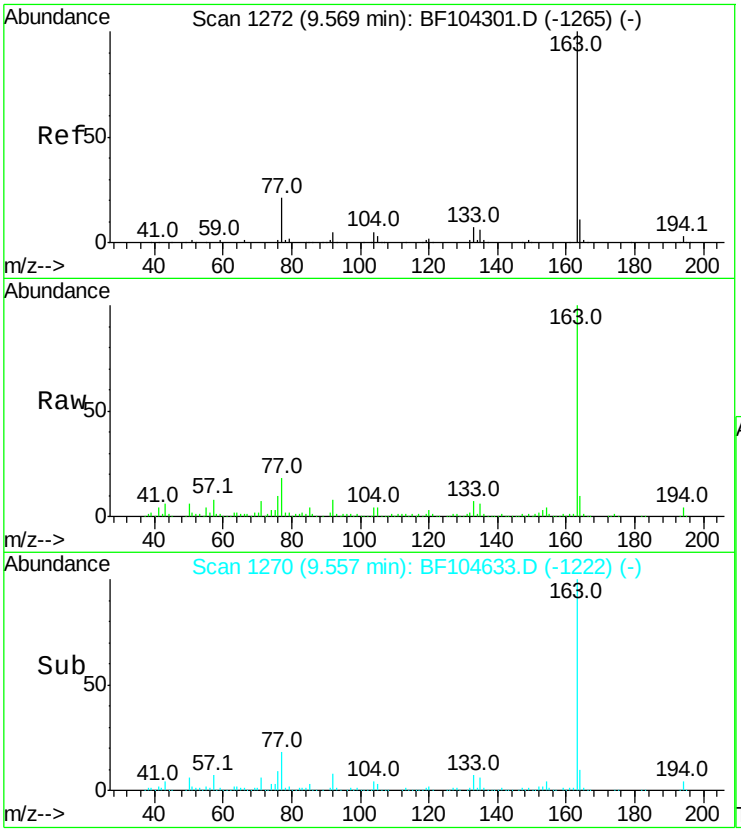


#48
Acenaphthylene
Concen: 4.740 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:152 Resp: 122939

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	16.0	10.7	16.1



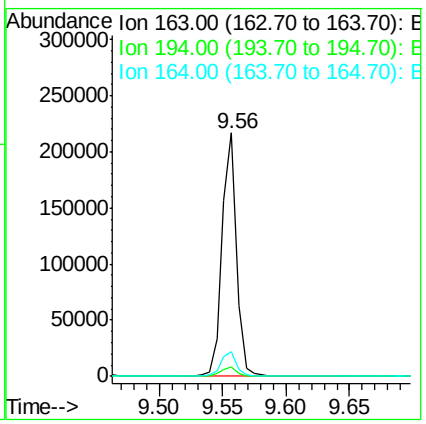


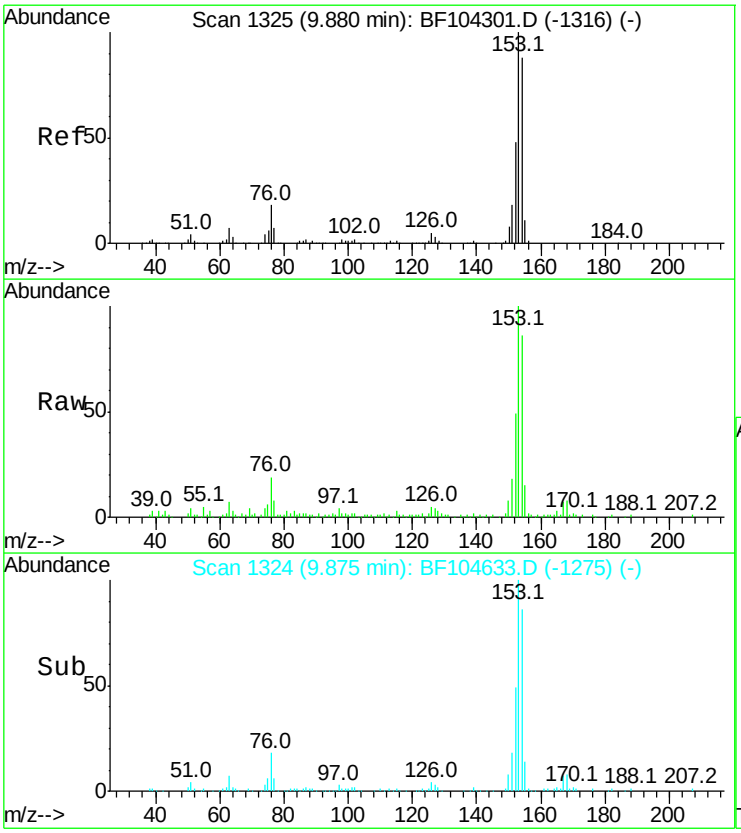
#49
Dimethylphthalate
Concen: 8.724 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 171396

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

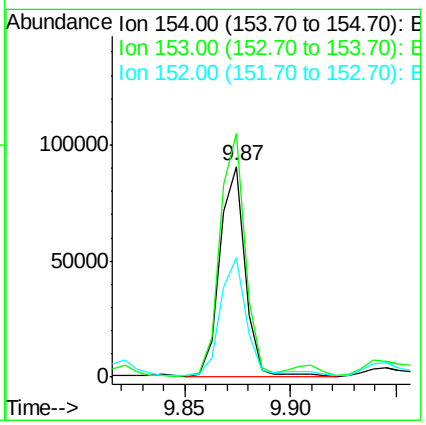


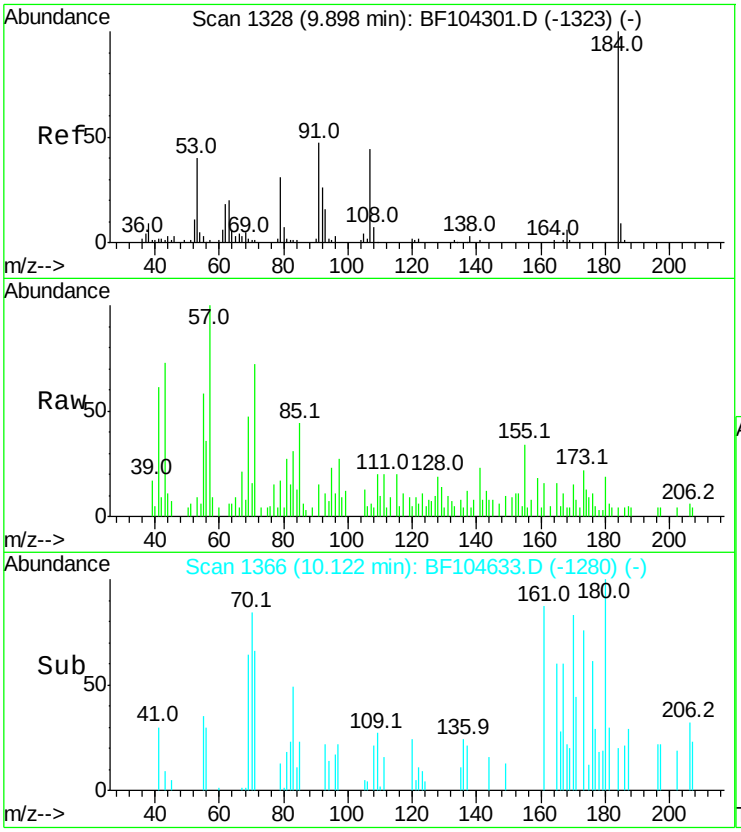


#51
Acenaphthene
Concen: 4.673 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:154 Resp: 73955

Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.2	136.8
152	57.1	43.8	65.8



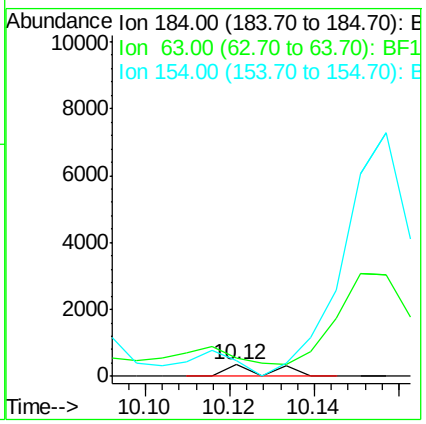


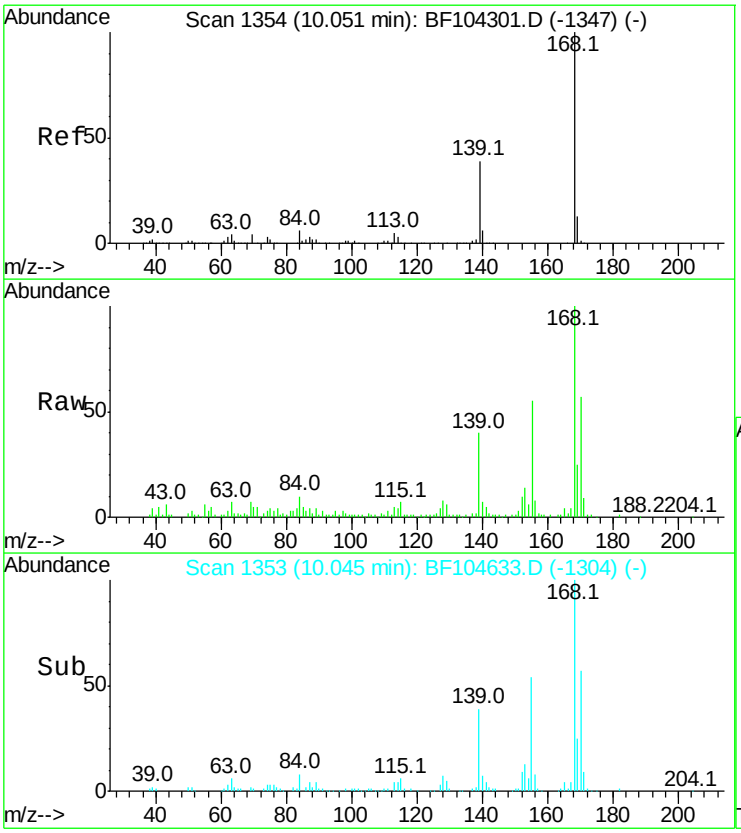
#53
2,4-Dinitrophenol
Concen: 5.358 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.21 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 231

Ion	Ratio	Lower	Upper
184	100		
63	159.6	54.2	81.2#
154	138.9	184.0	276.0#

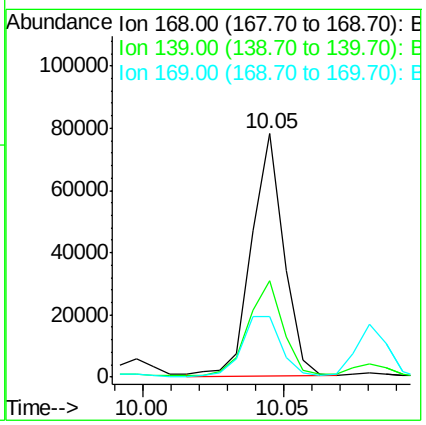


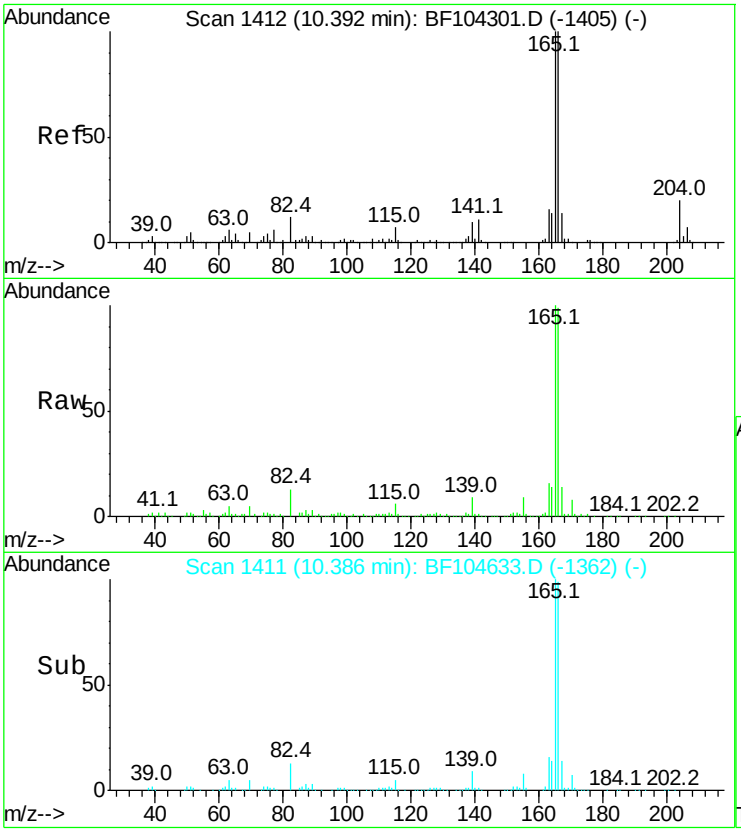


#54
Dibenzofuran
Concen: 2.784 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:168 Resp: 61403

Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	24.8	10.9	16.3#



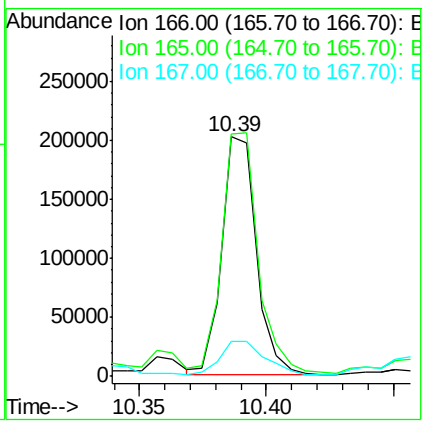


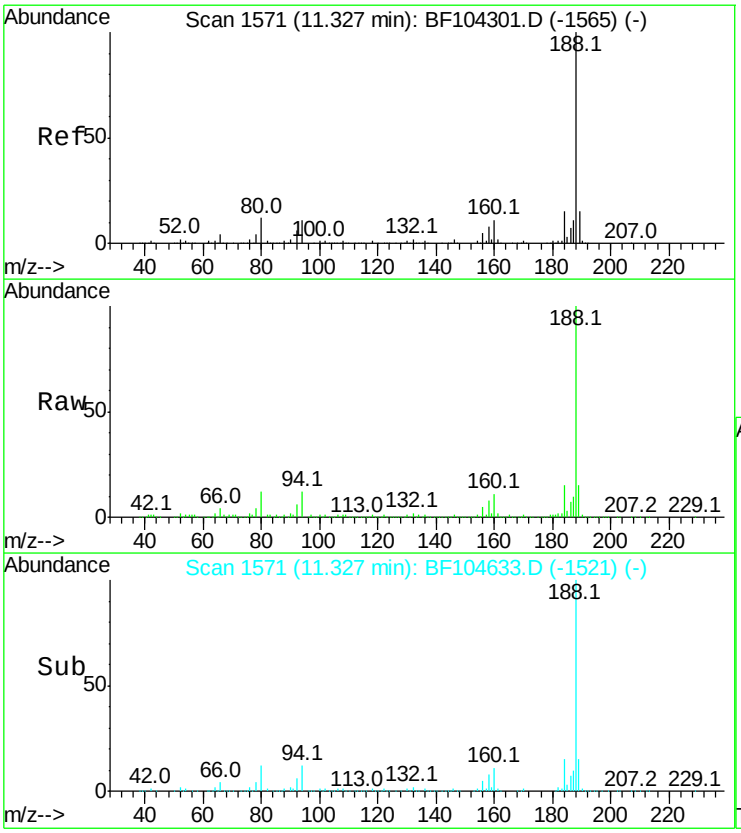
#57
Fluorene
Concen: 11.964 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 192055

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.8	119.8
167	14.4	10.6	16.0

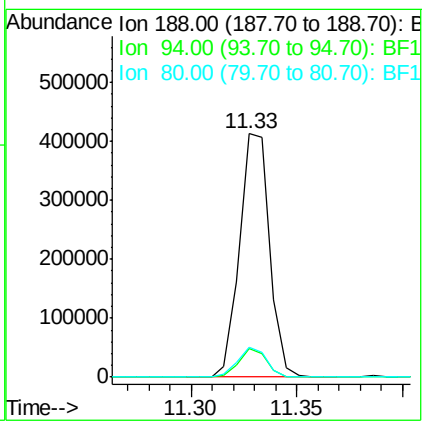


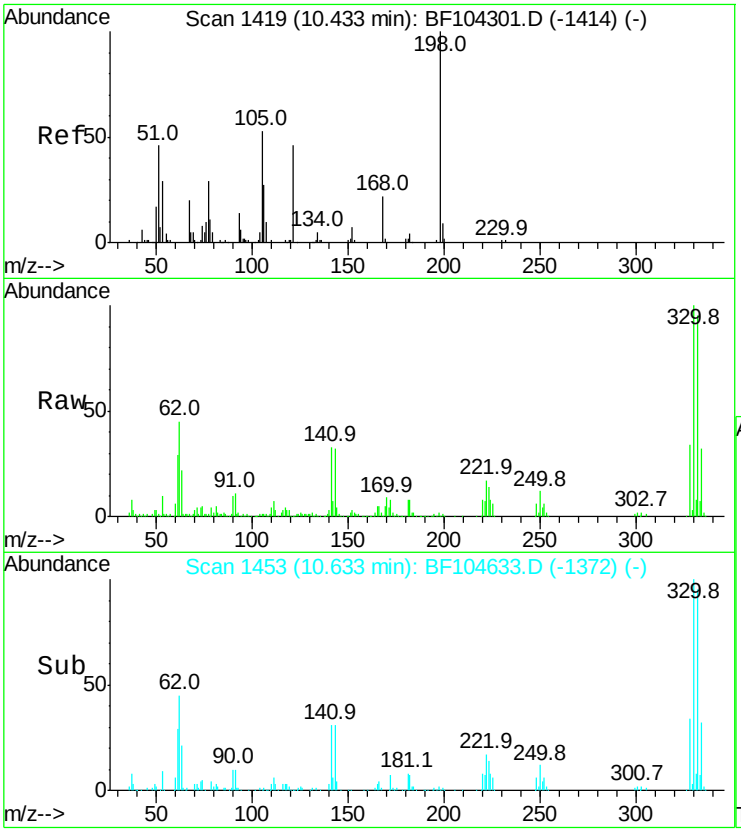


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:188 Resp: 406513

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.2	9.2	13.8



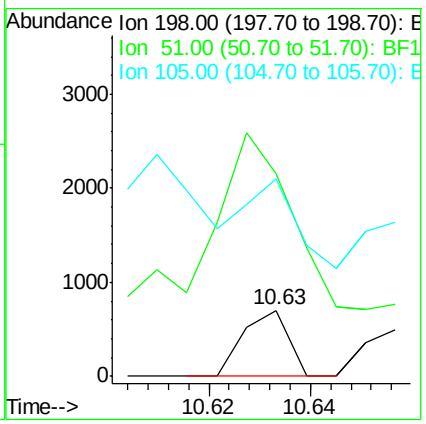


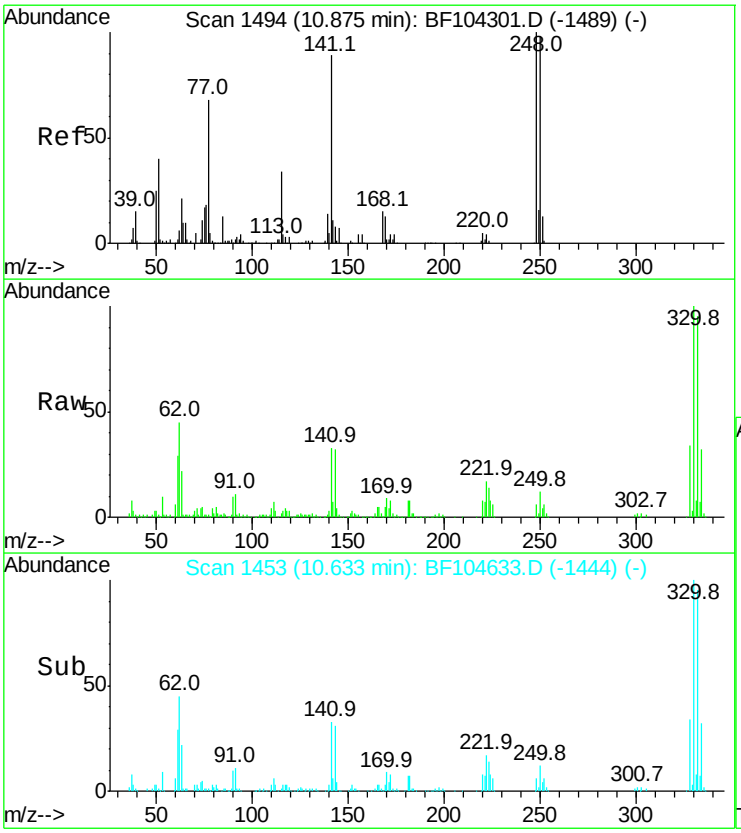
#64
4,6-Dinitro-2-methylphenol
Concen: 7.531 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 430

Ion	Ratio	Lower	Upper
198	100		
51	307.7	37.7	77.7#
105	300.0	36.3	76.3#

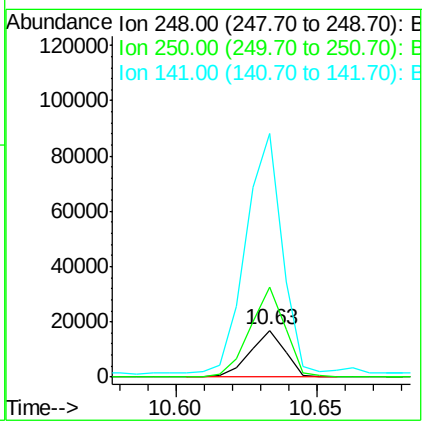


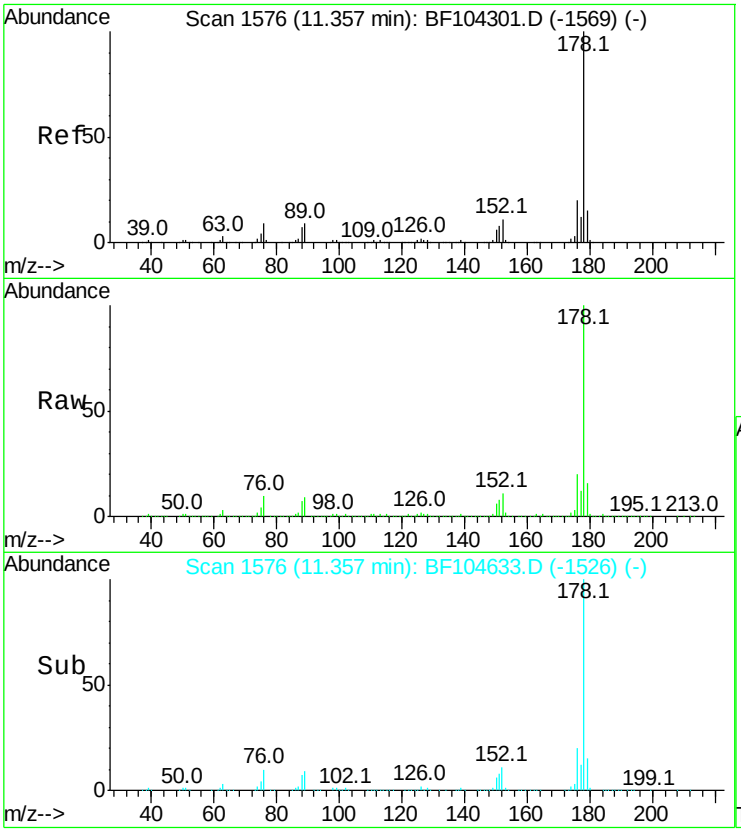


#66
4-Bromophenyl-phenylether
Concen: 3.368 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:248 Resp: 14565

Ion	Ratio	Lower	Upper
248	100		
250	193.0	76.9	115.3#
141	521.4	74.4	111.6#



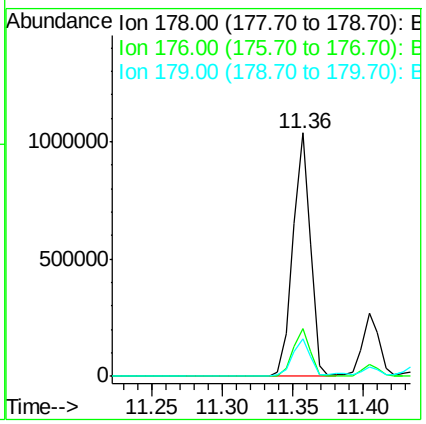


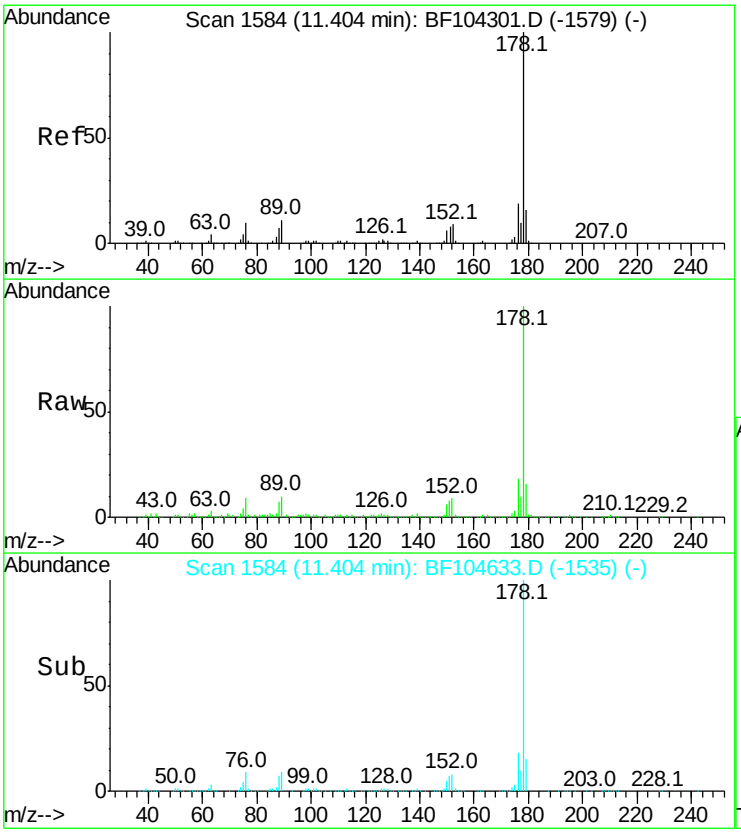
#70
Phenanthrene
Concen: 39.021 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 883366

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6

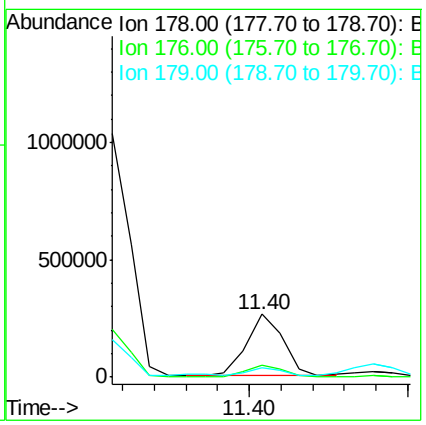


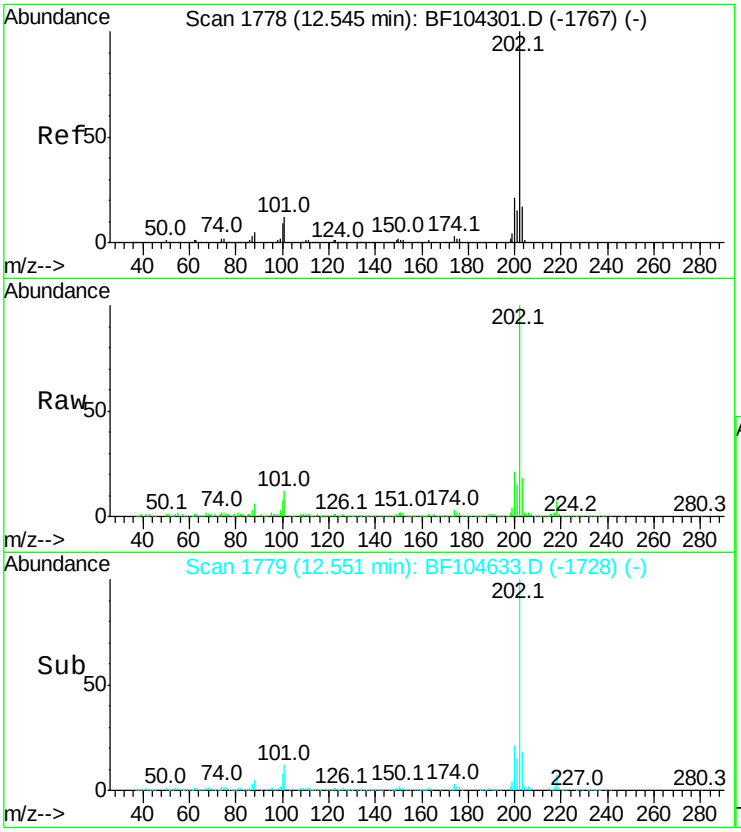


#71
Anthracene
Concen: 9.035 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:178 Resp: 207908

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.6	12.6	19.0



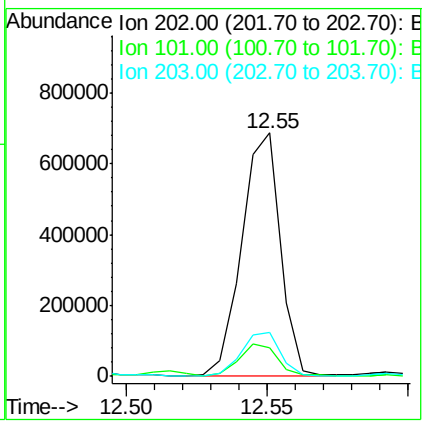


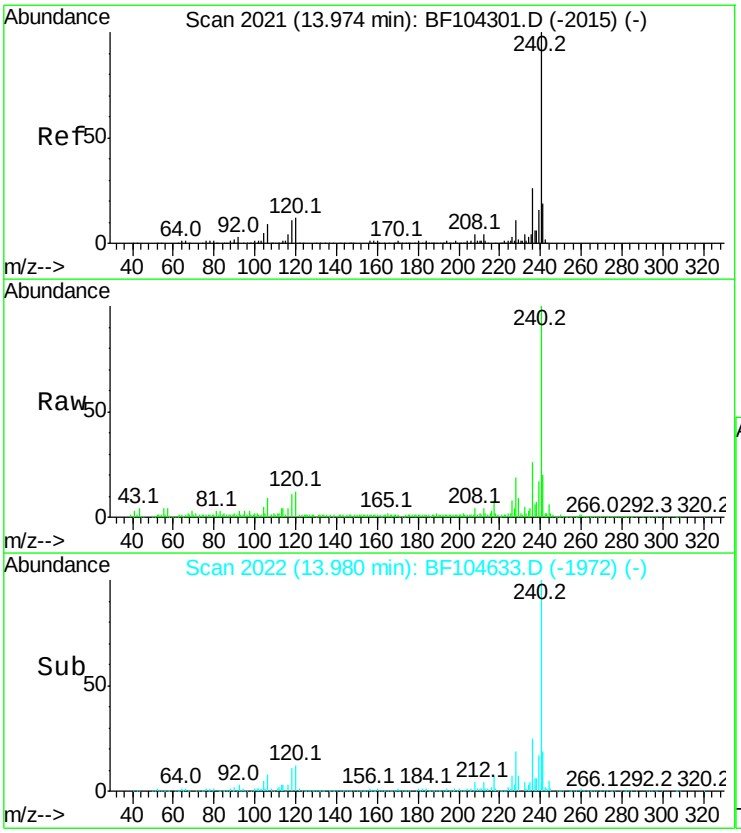
#74
Fluoranthene
Concen: 27.422 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 648603

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	18.1	0.0	38.1

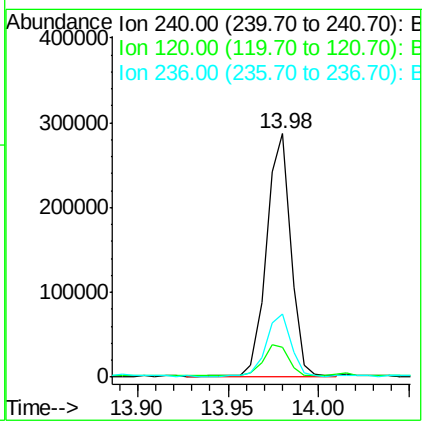


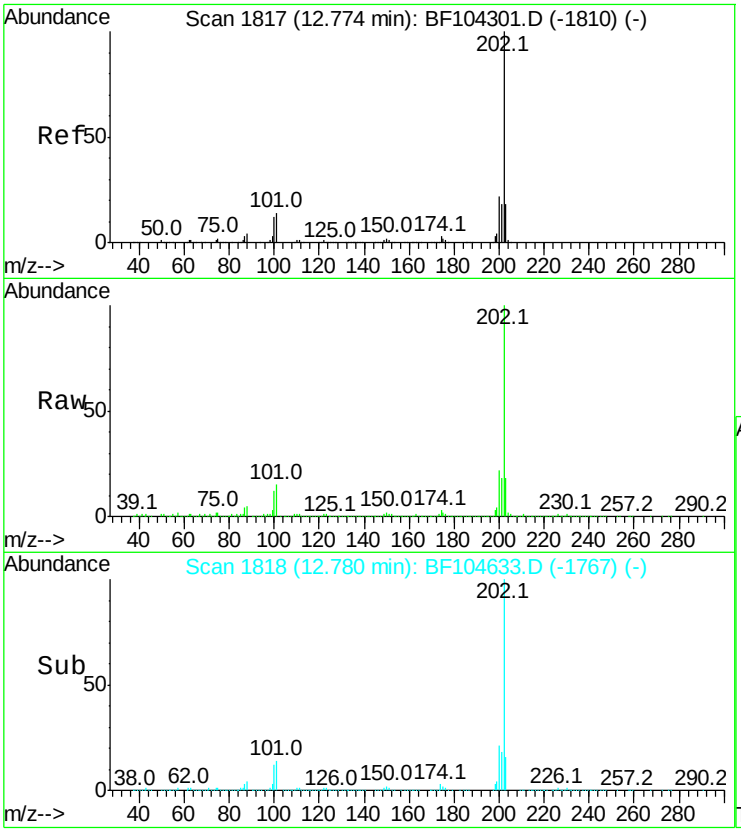


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:240 Resp: 266050

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.7	20.7	31.1



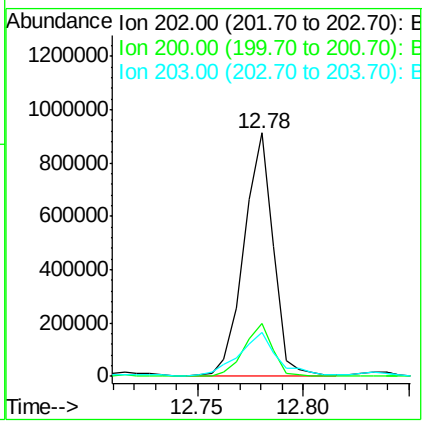


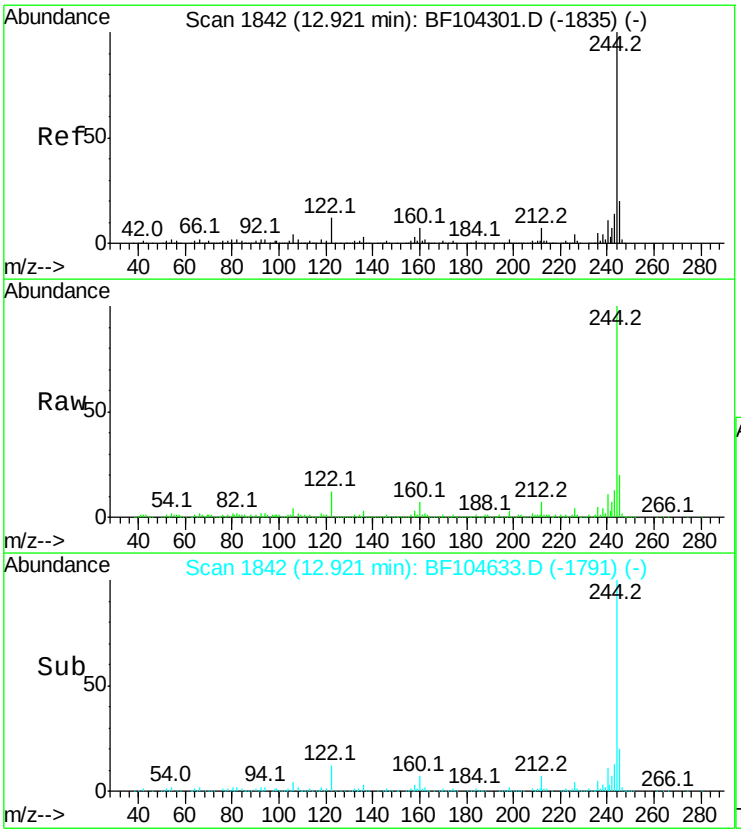
#77
Pyrene
Concen: 44.386 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 875317

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.2	14.3	21.5

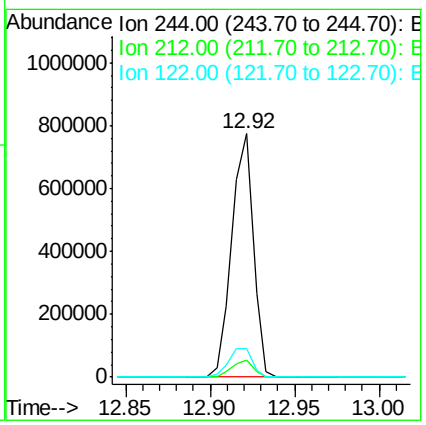


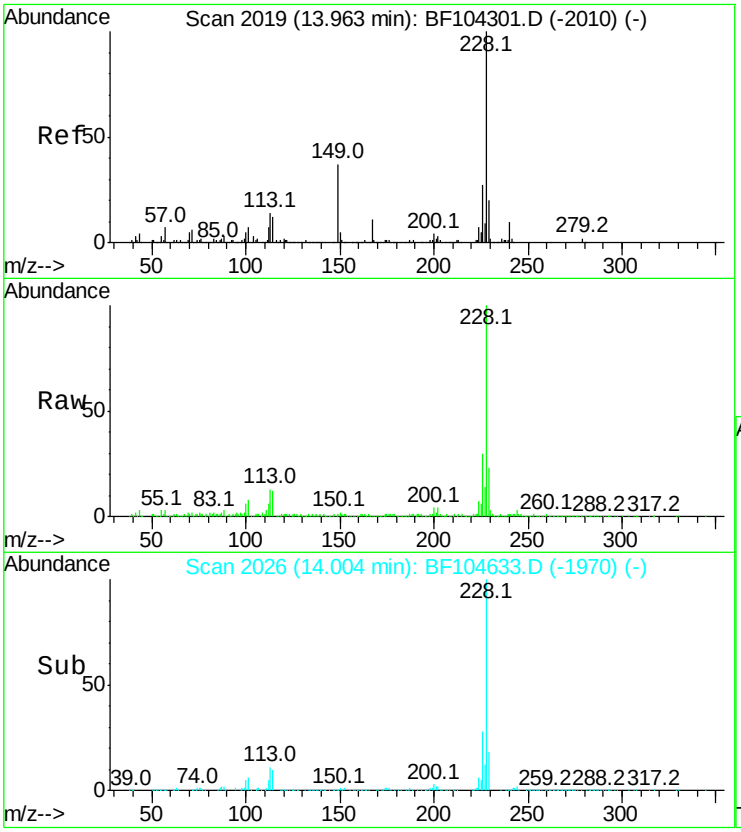


#78
Terphenyl-d14
Concen: 59.013 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:244 Resp: 688671

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4



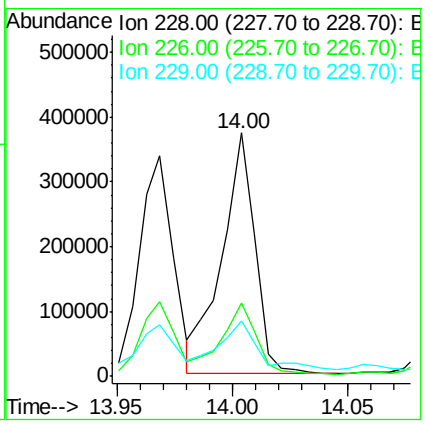


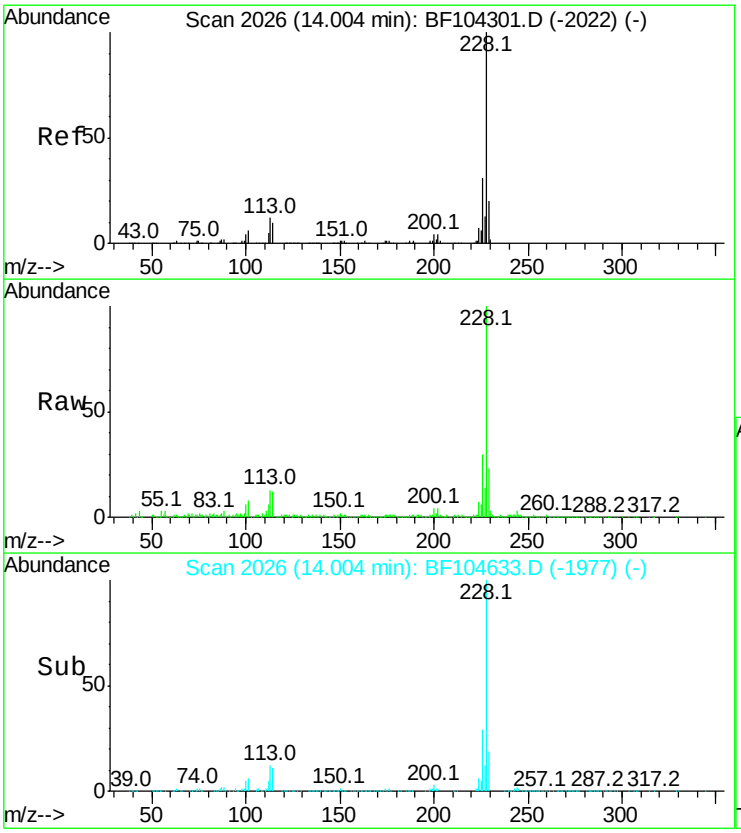
#80
Benzo(a)anthracene
Concen: 23.453 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 372758

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	22.7	15.8	23.6

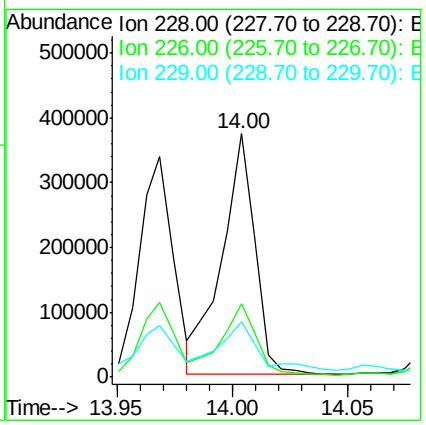


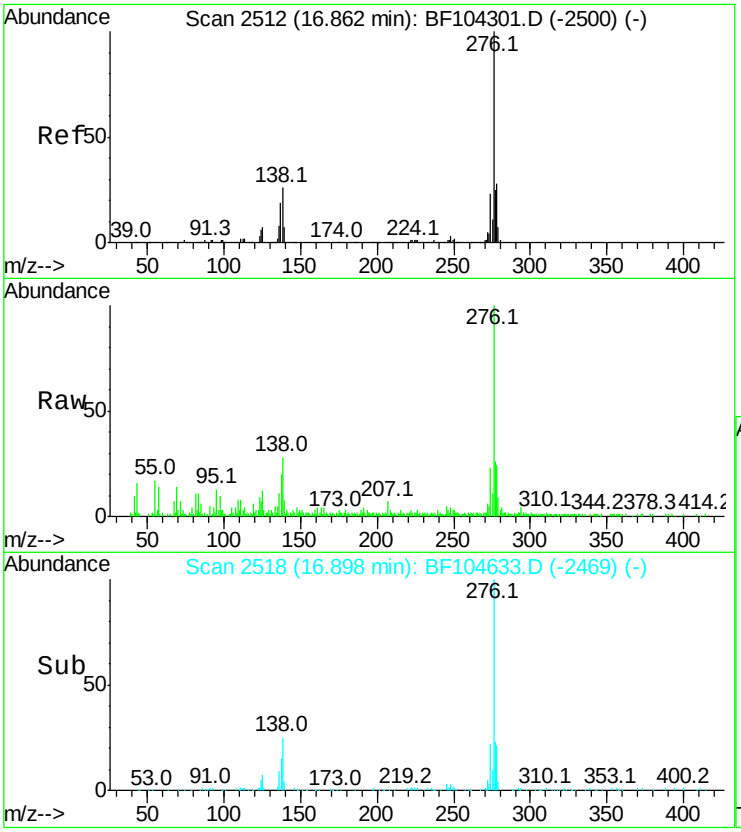


#82
Chrysene
Concen: 22.833 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:228 Resp: 372758

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.7	16.2	24.4



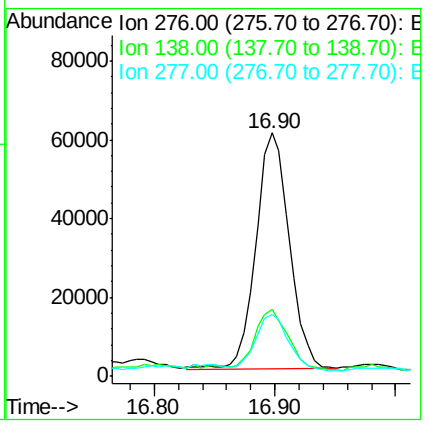


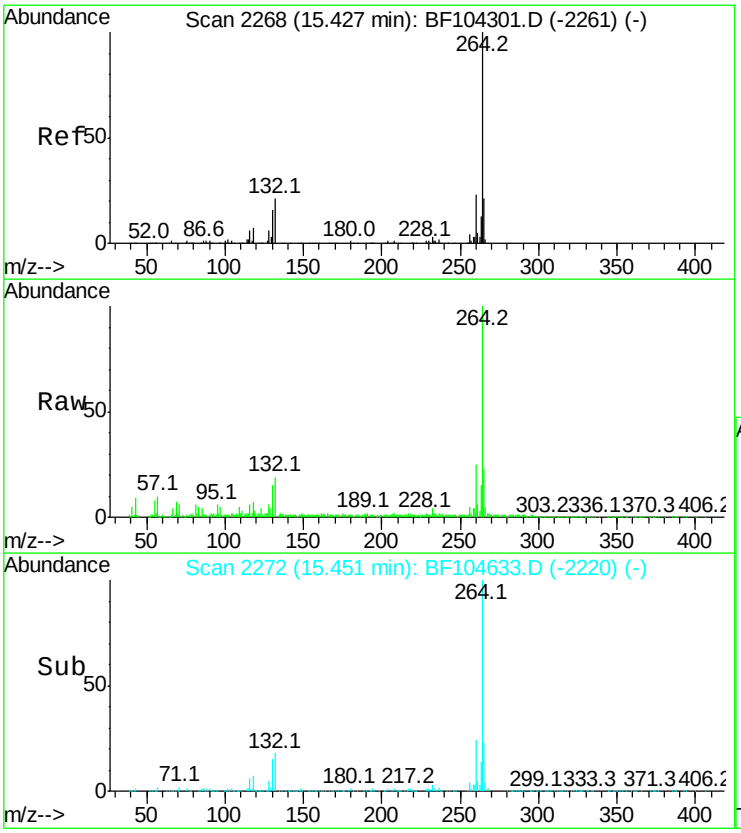
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.280 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 114836

Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.0	37.6
277	24.8	20.1	30.1

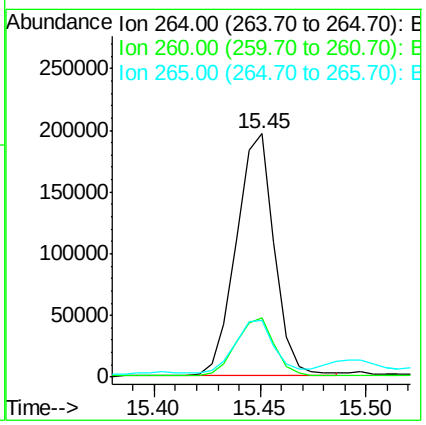


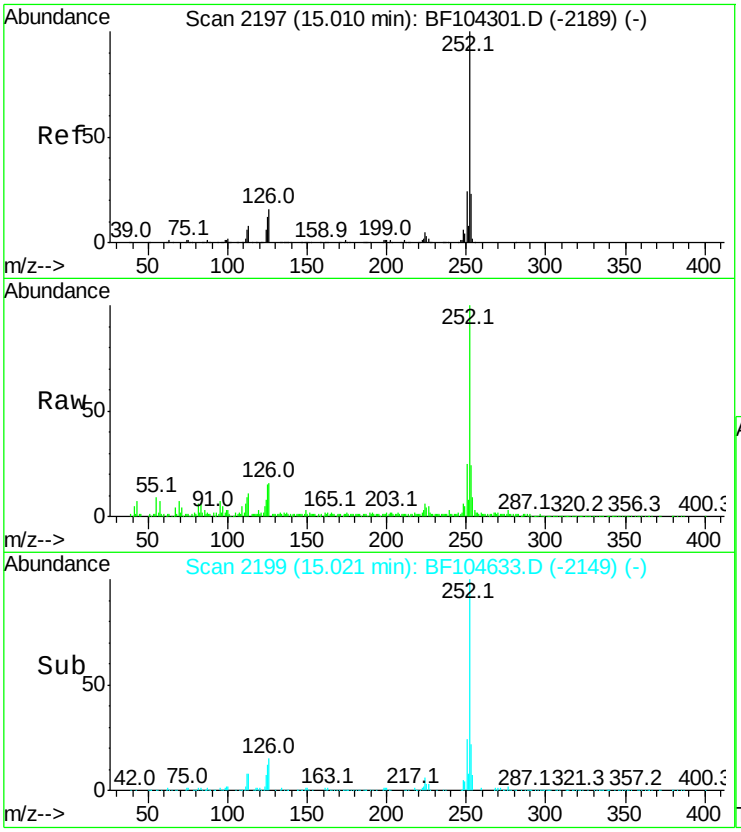


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:264 Resp: 245724

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.4	17.5	26.3



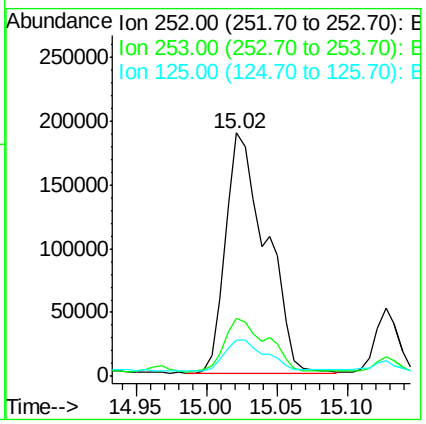


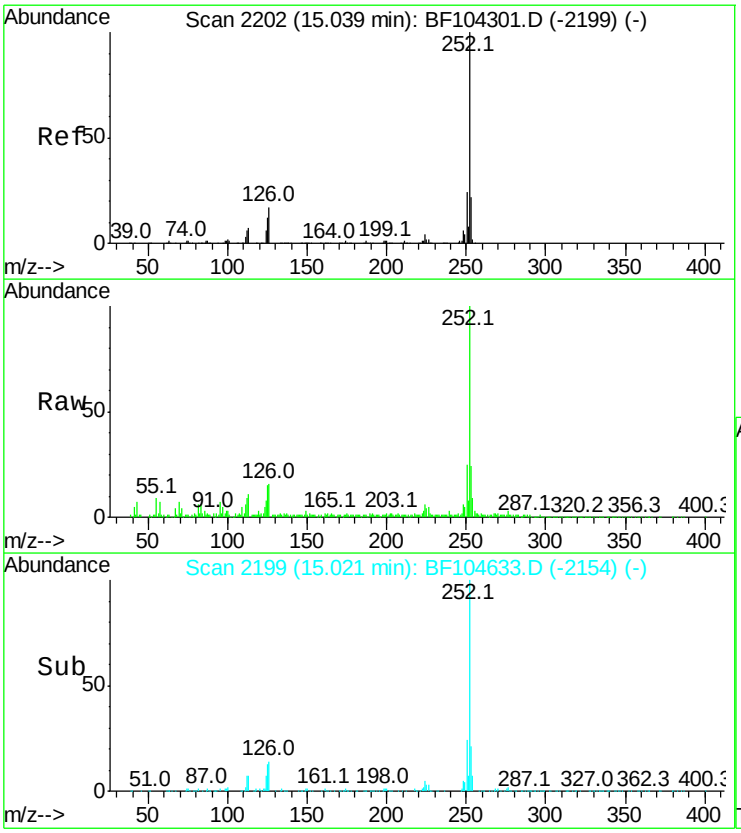
#87
Benzo(b)fluoranthene
Concen: 24.370 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 378208

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	14.7	9.0	13.6#

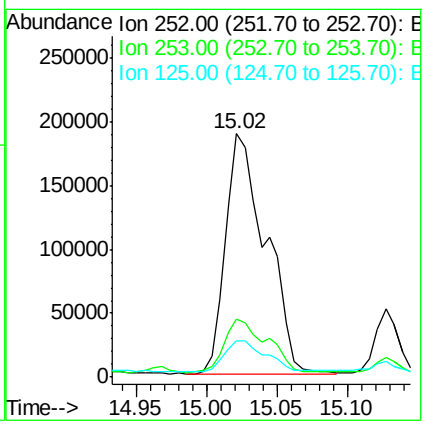


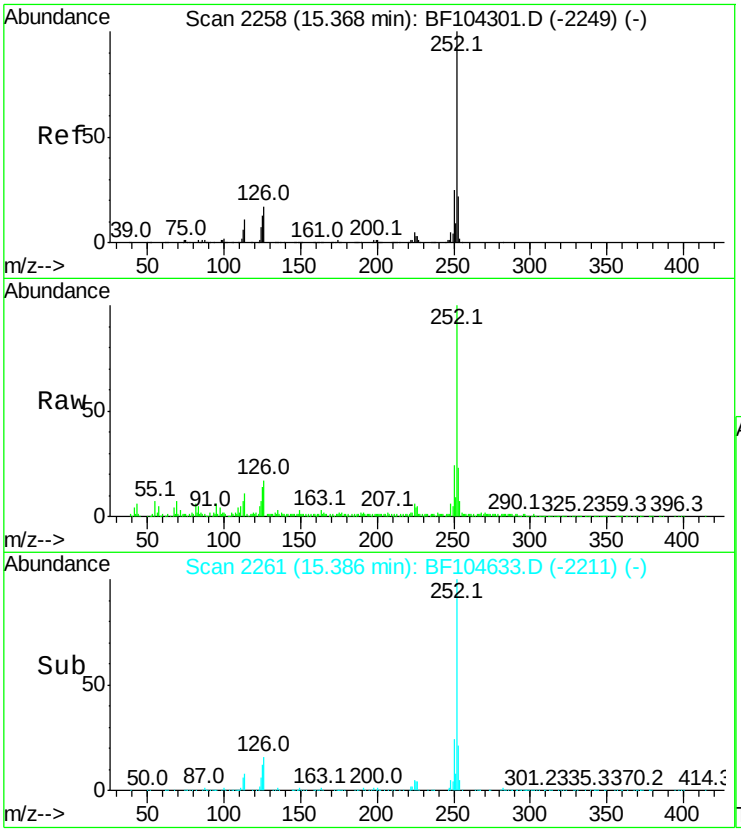


#88
Benzo(k)fluoranthene
Concen: 25.813 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:252 Resp: 378208

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	14.7	10.2	15.2



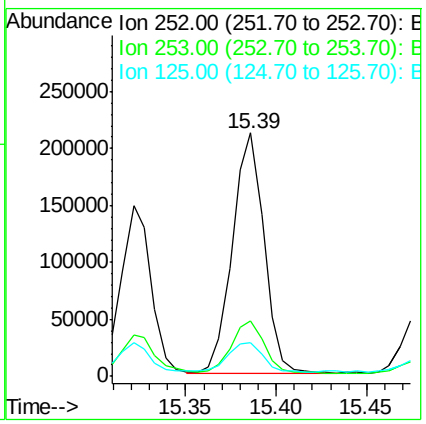


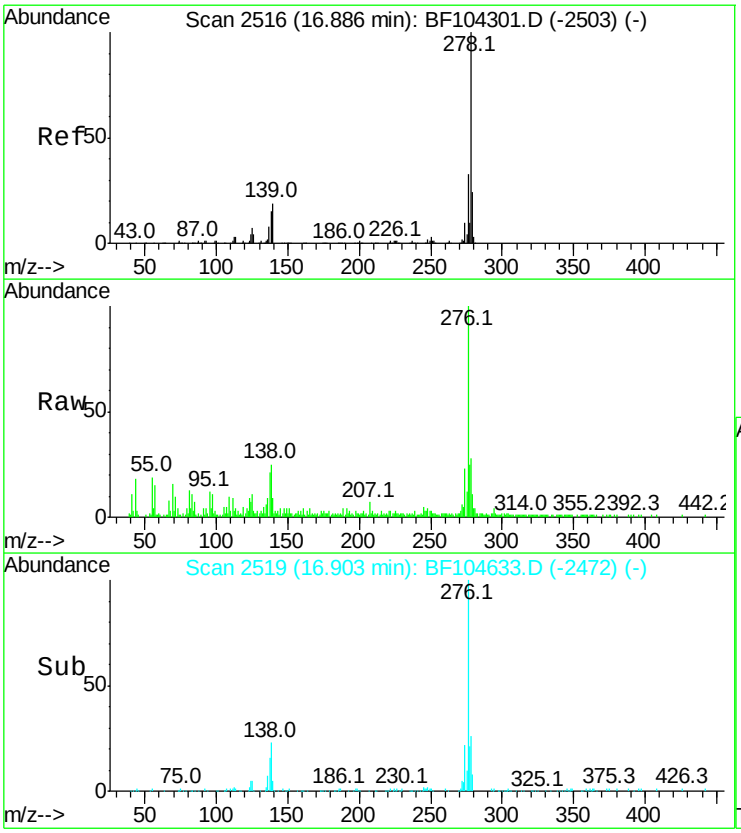
#89
Benzo(a)pyrene
Concen: 18.546 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 257528

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	14.1	9.8	14.6

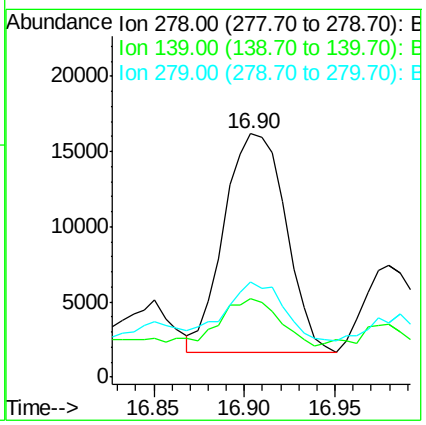


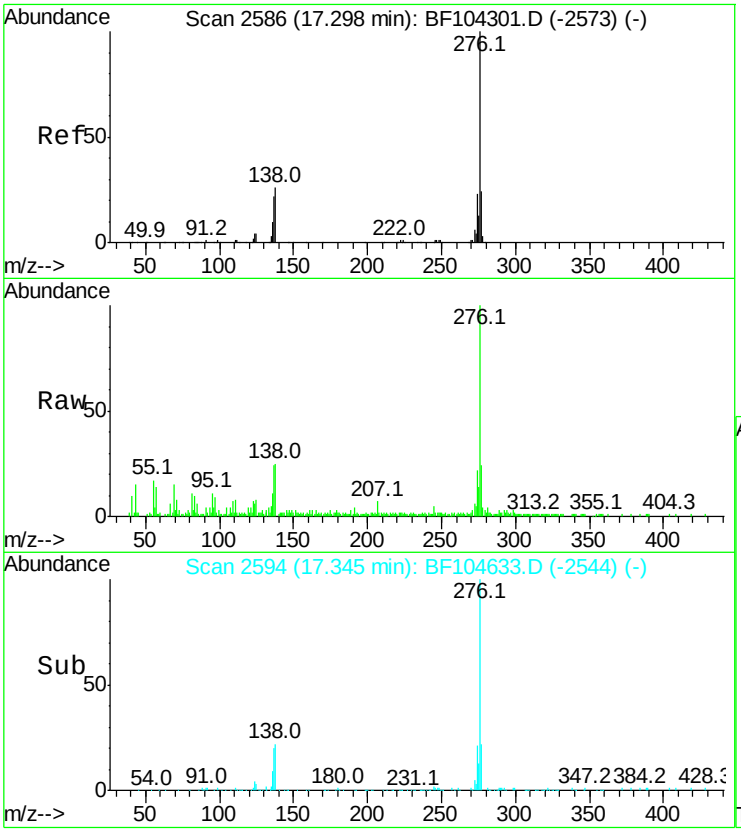


#90
Dibenzo(a,h)anthracene
Concen: 3.022 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:278 Resp: 34464

Ion	Ratio	Lower	Upper
278	100		
139	32.2	15.9	23.9#
279	39.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 11.652 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 128744

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.6	21.8	32.8