Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104770.D
Acq On : 24 Apr 2018 21:28
Operator : JU/SJ
Sample : J2508-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 23:23:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	95752	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	385371	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	164774	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	269739	20.00	ng		0.00
75) Chrysene-d12	13.99	240	184877	20.00	ng		0.00
86) Perylene-d12	15.47	264	136571	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	538158	85.94	ng		0.01
7) Phenol-d6	6.45	99	664834	86.41	ng		0.00
23) Nitrobenzene-d5	7.37	82	399492	67.69	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	147876	86.52	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	729073	69.90	ng		0.00
78) Terphenyl-d14	12.93	244	594908	73.36	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	986	Below Cal			86
19) n-Nitroso-di-n-propylamine	7.37	70	52116	10.366	ng	#	72
25) Isophorone	7.37	82	399487	32.010	ng	#	64
49) Dimethylphthalate	9.56	163	68798	5.295	ng		99
51) Acenaphthene	9.88	154	55977	5.348	ng		99
54) Dibenzofuran	10.06	168	59375	4.071	ng		96
55) 4-Nitrophenol	10.05	139	22721	10.276	ng	#	11
57) Fluorene	10.40	166	56750	5.345	ng		99
64) 4,6-Dinitro-2-methylphenol	10.64	198	125	7.428	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	8983	3.131	ng	#	1
70) Phenanthrene	11.37	178	923423	61.473	ng		99
71) Anthracene	11.42	178	233030	15.261	ng		99
72) Carbazole	11.57	167	83362	5.587	ng		100
74) Fluoranthene	12.56	202	1065594	67.895	ng		99
76) Benzidine	12.93	184	8546	Below Cal			98
77) Pyrene	12.79	202	908285	66.280	ng		99
80) Benzo(a)anthracene	13.98	228	415148	37.588	ng		99
82) Chrysene	14.02	228	355756	31.359	ng		97
85) Indeno(1,2,3-cd)pyrene	16.93	276	129686	13.457	ng	#	91
87) Benzo(b)fluoranthene	15.04	252	457228	53.008	ng		97
88) Benzo(k)fluoranthene	15.04	252	457228	56.148	ng		100
89) Benzo(a)pyrene	15.40	252	219631	28.458	ng		96
90) Dibenzo(a,h)anthracene	16.74	278	22773	3.593	ng		97
91) Benzo(g,h,i)perylene	17.38	276	120862	19.681	ng		93

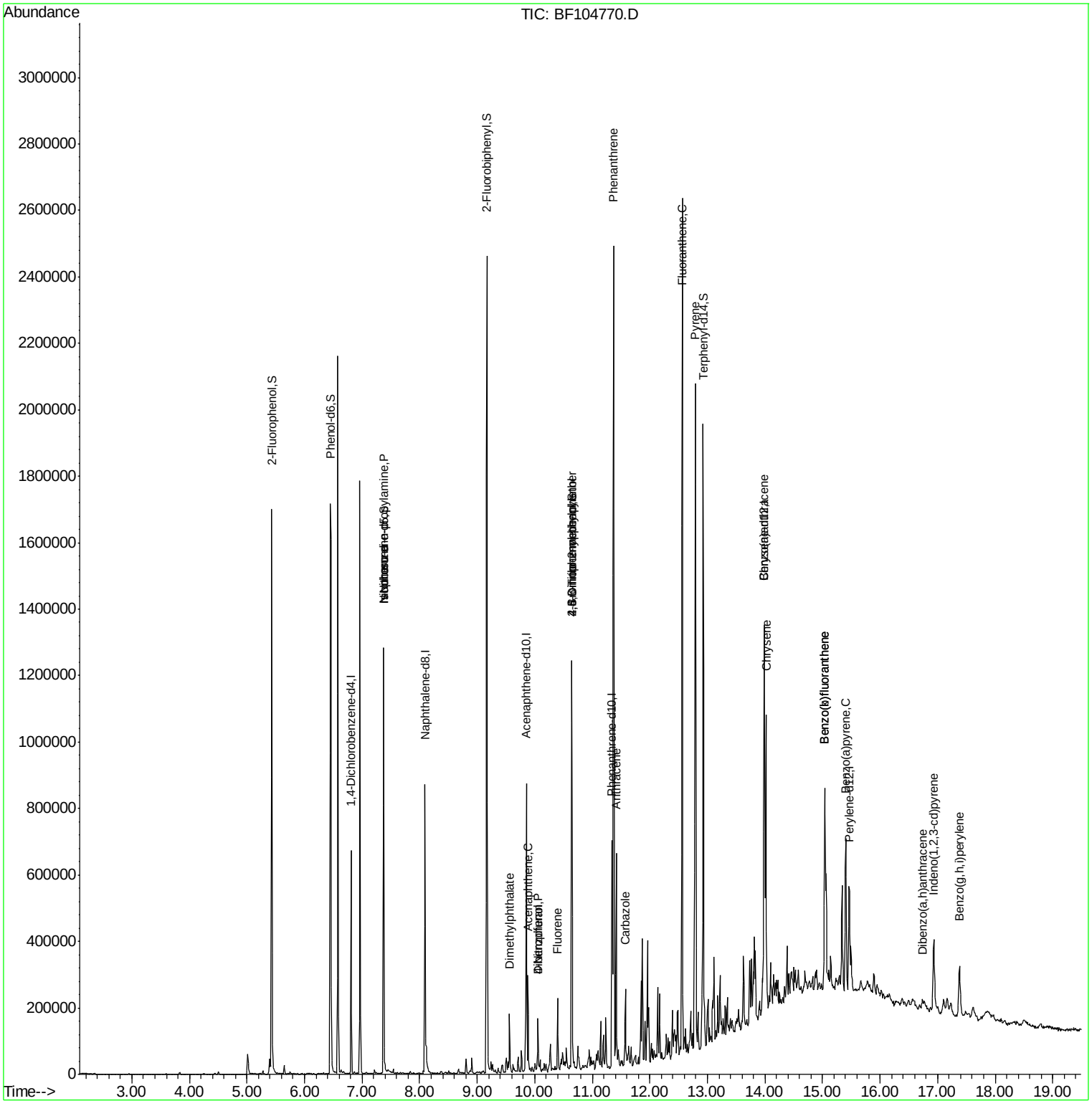
(#) = qualifier out of range (m) = manual integration (+) = signals summed

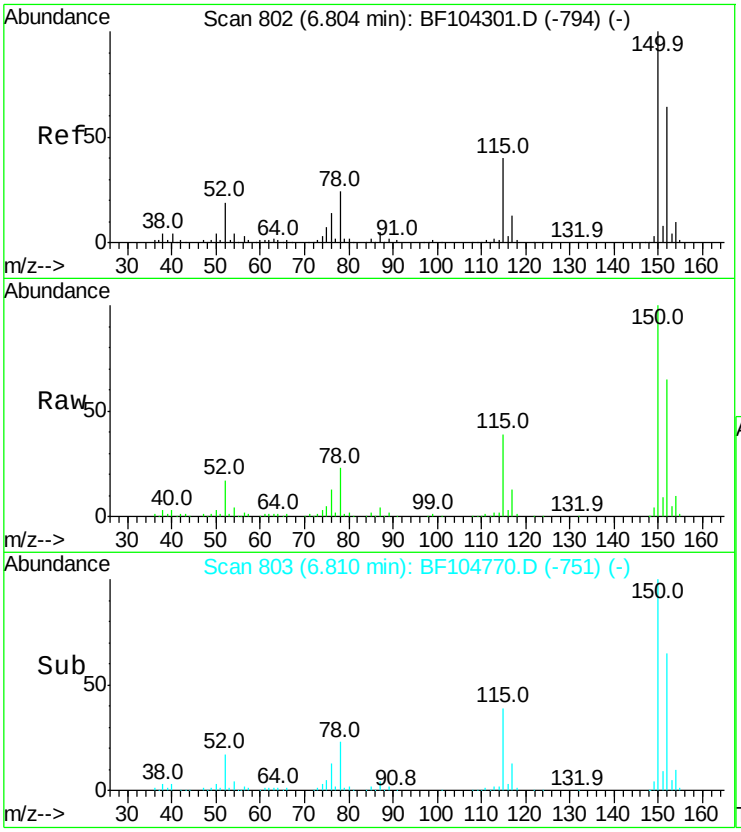
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104770.D
Acq On : 24 Apr 2018 21:28
Operator : JU/SJ
Sample : J2508-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 24 23:23:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

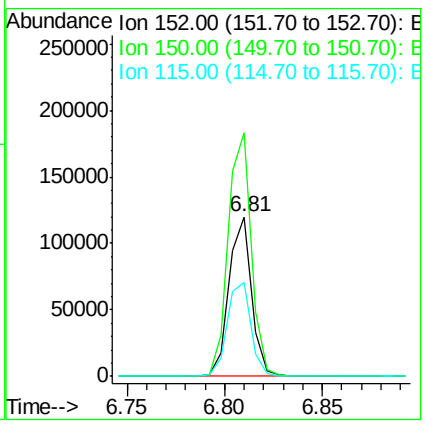




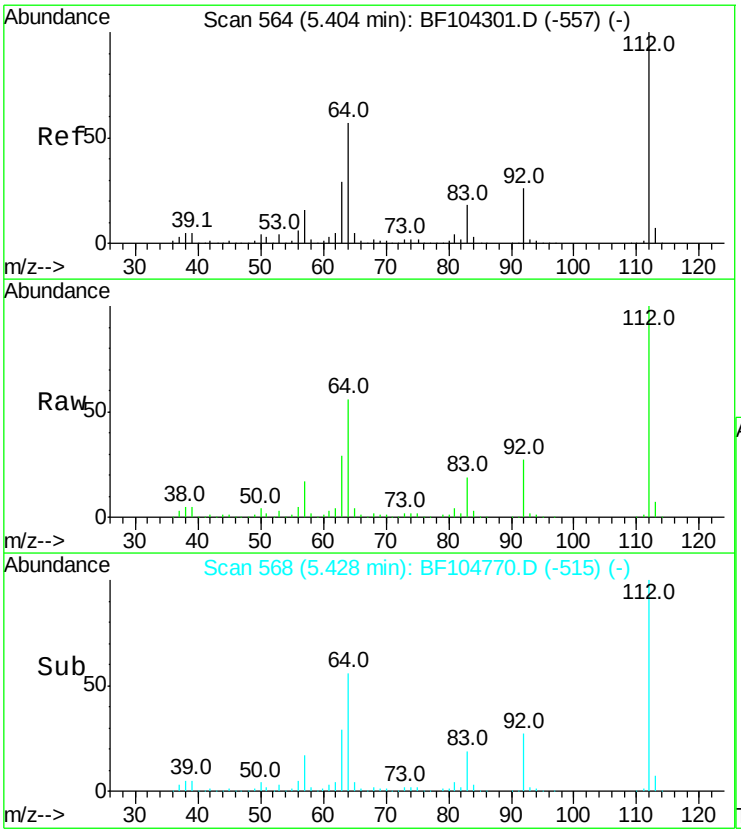
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:152 Resp: 95752

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	58.9	50.1	75.1



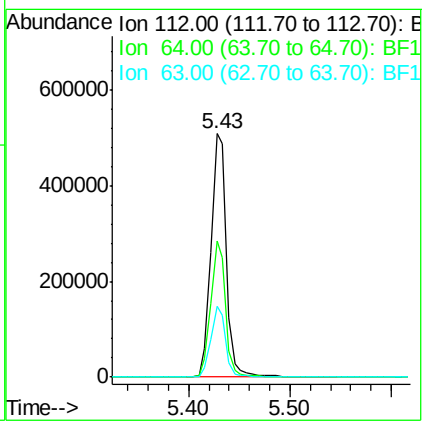
Instrument :
BNA_F
ClientSampleId :

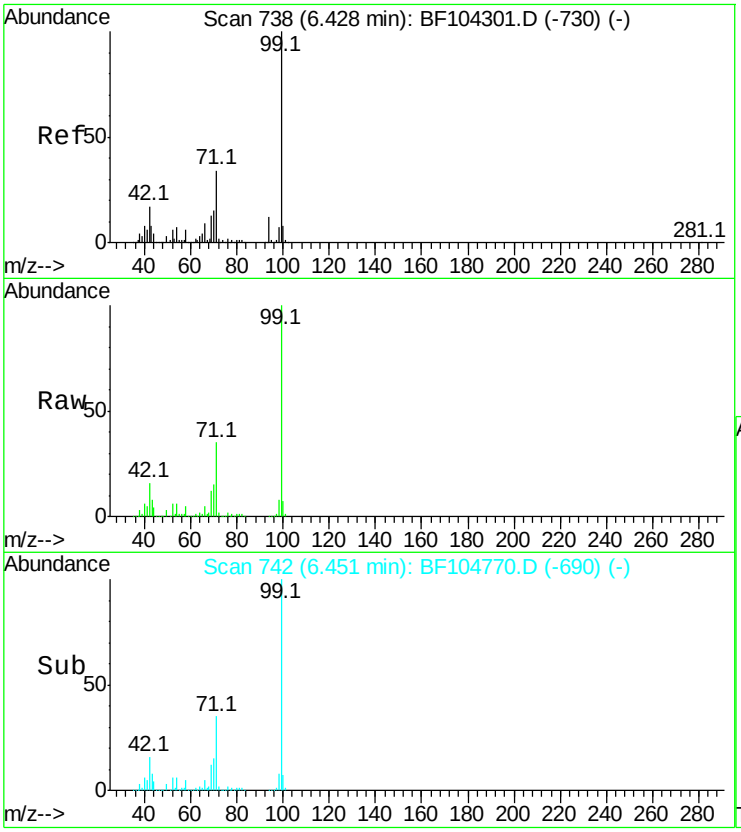


#5
2-Fluorophenol
Concen: 85.938 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:112 Resp: 538158

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	29.2	23.7	35.5



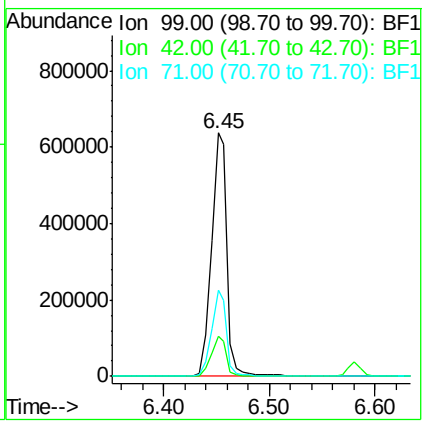


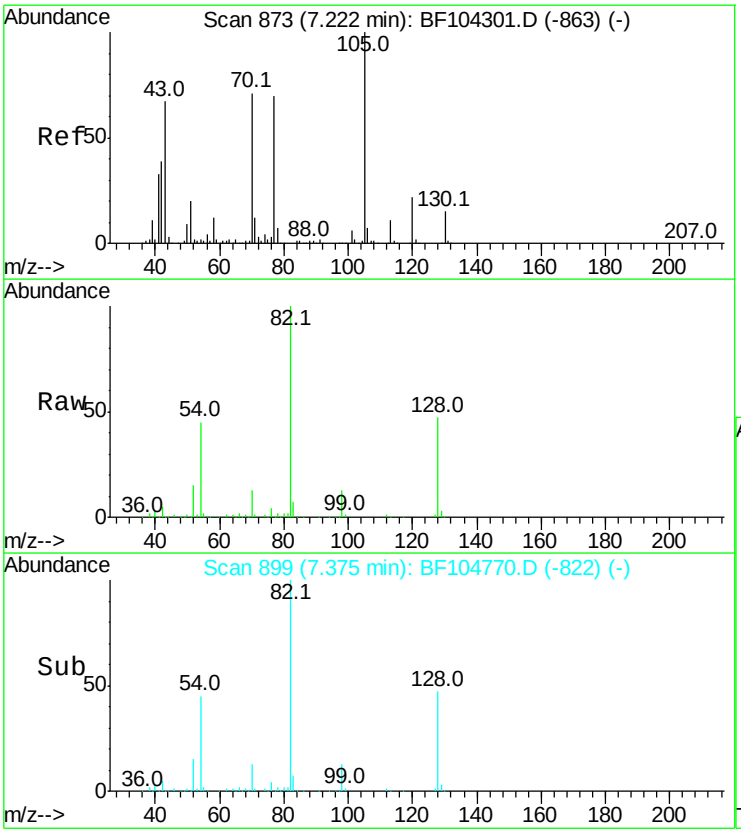
#7
Phenol-d6
Concen: 86.408 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 664834

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	35.4	25.4	38.0

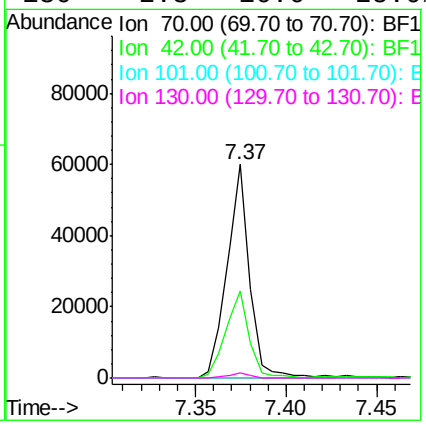


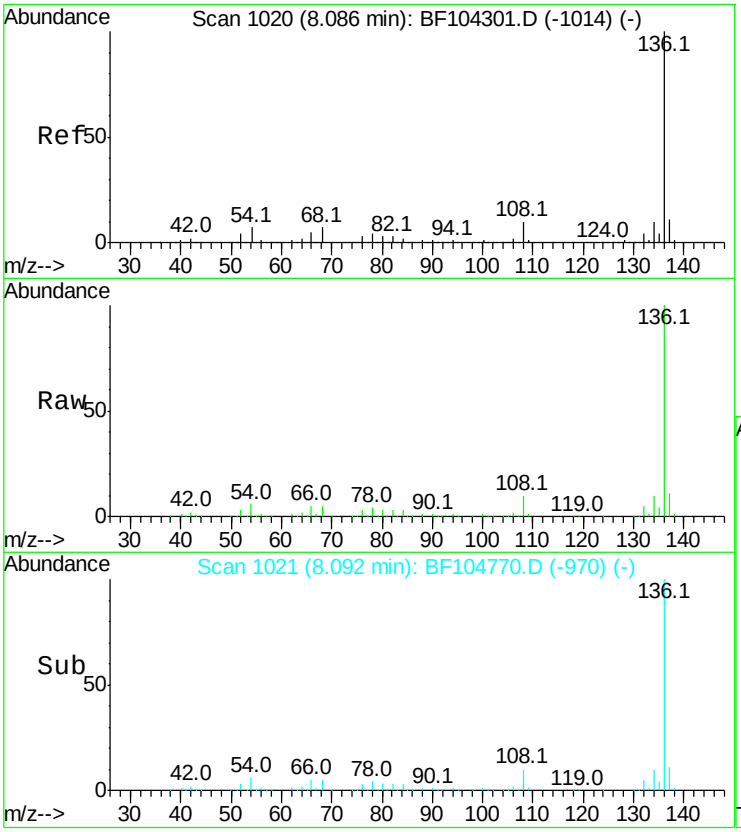


#19
n-Nitroso-di-n-propylamine
Concen: 10.366 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion: 70 Resp: 52116

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



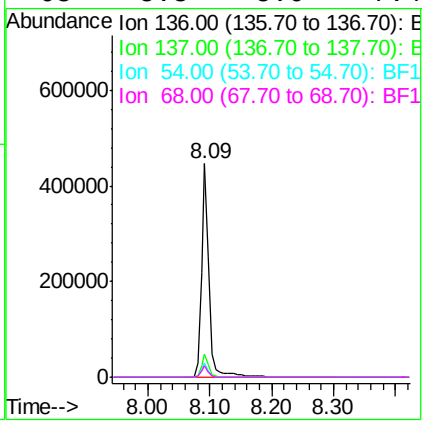


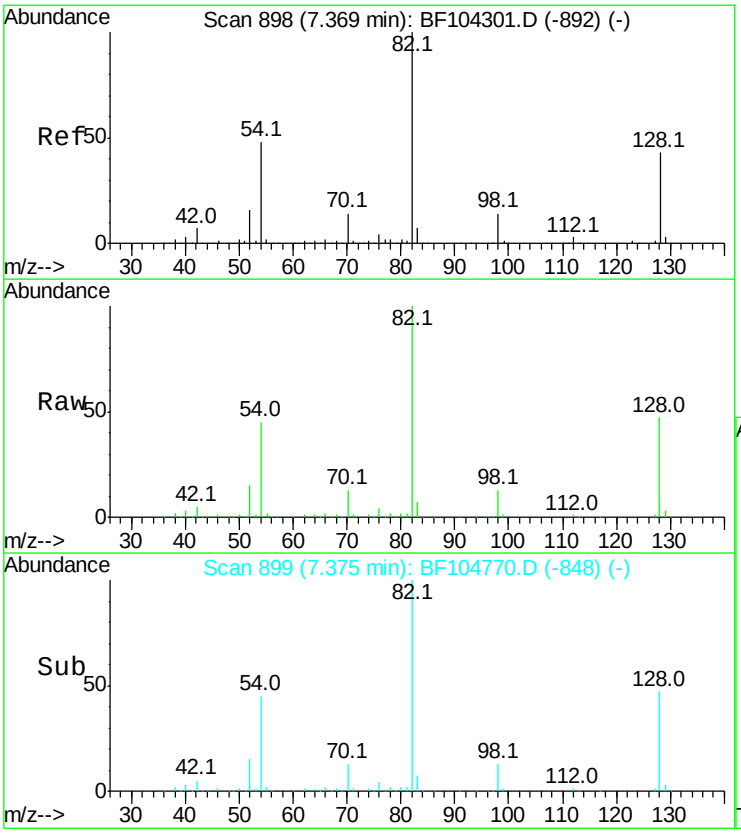
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 385371

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8#
68	5.3	5.0	7.4

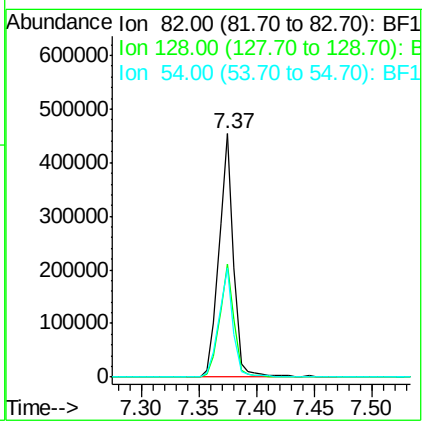


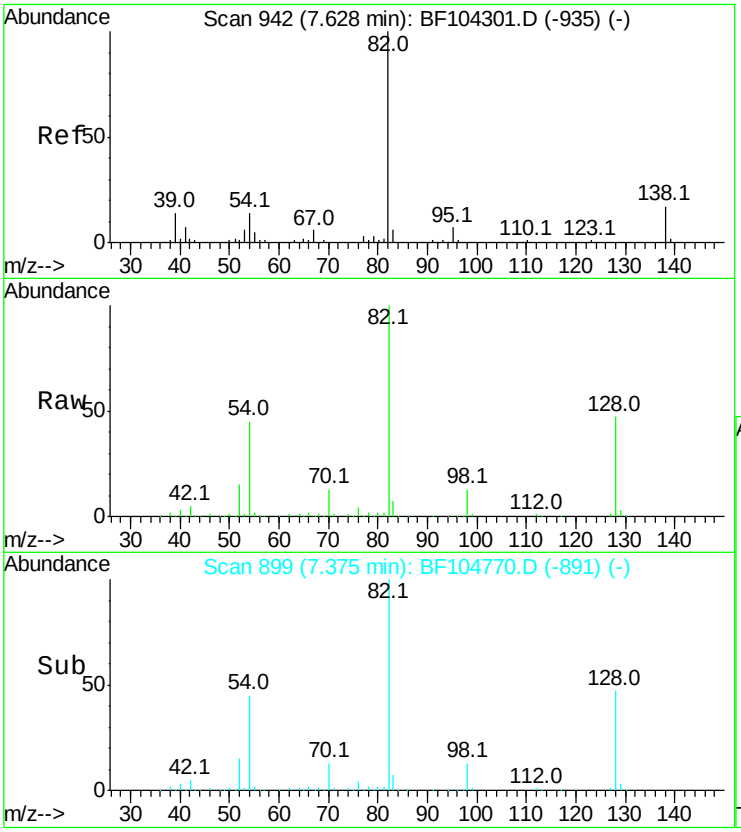


#23
Nitrobenzene-d5
Concen: 67.691 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion: 82 Resp: 399492

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	44.6	41.4	62.2



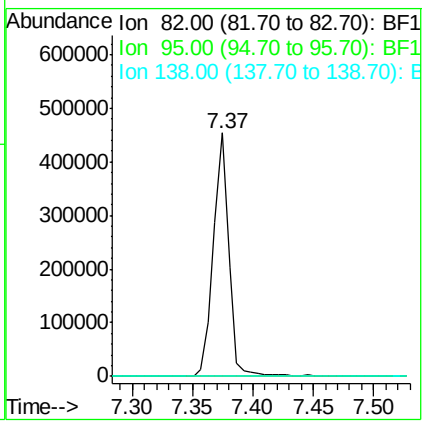


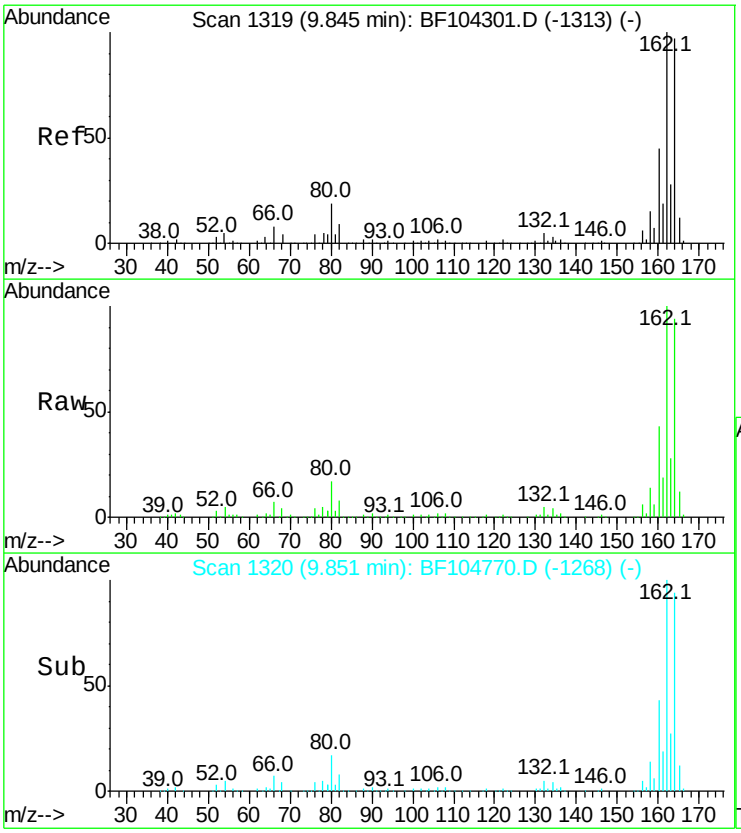
#25
Isophorone
Concen: 32.010 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 399487

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

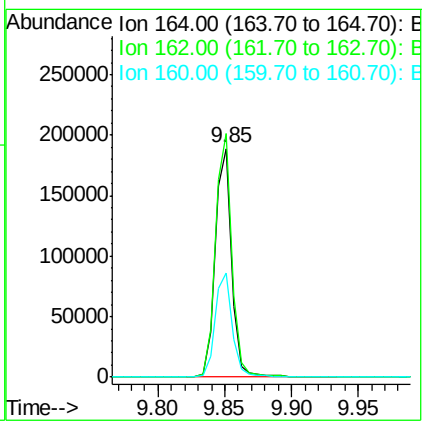


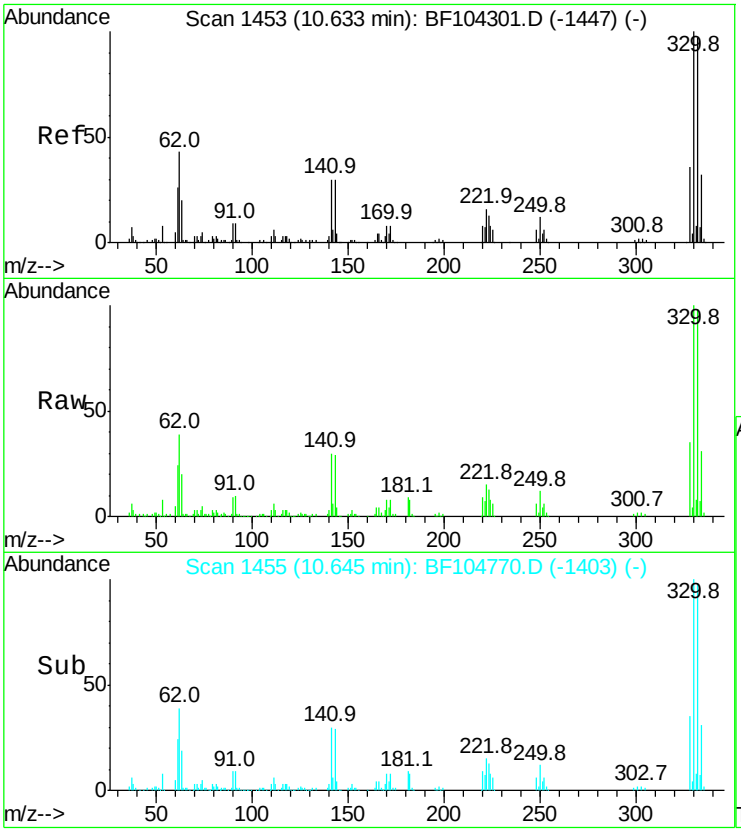


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:164 Resp: 164774

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	45.7	38.3	57.5



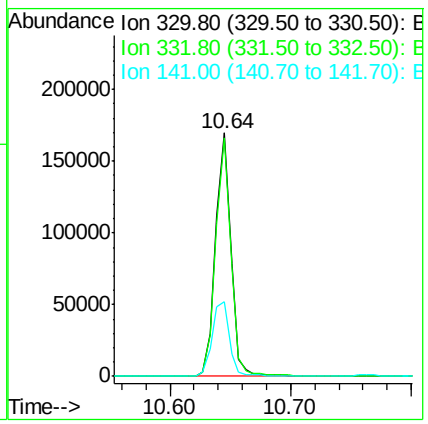


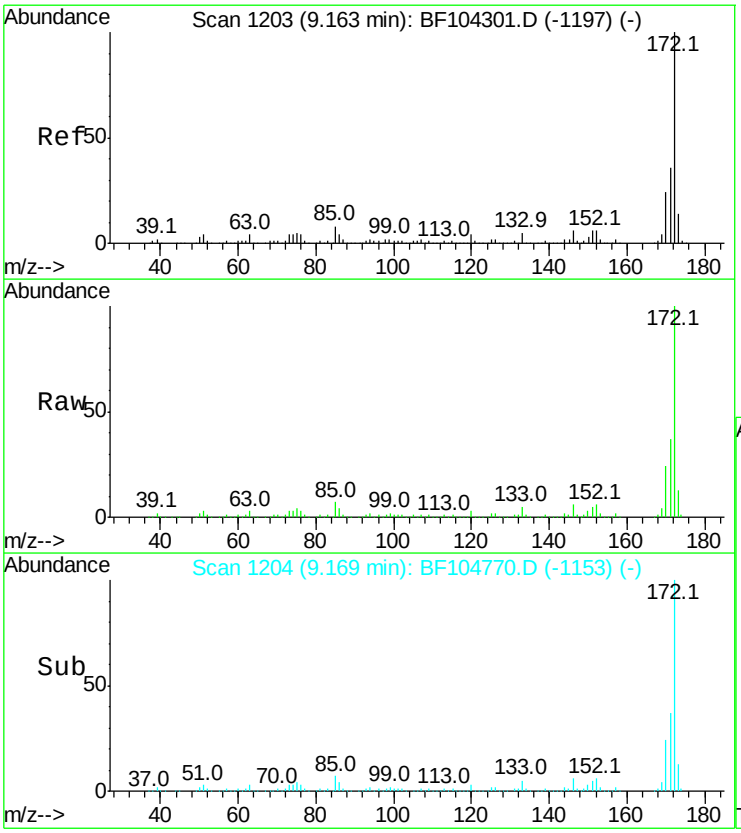
#41
2,4,6-Tribromophenol
Concen: 86.515 ng
RT: 10.64 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 147876

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	35.5	29.9	44.9

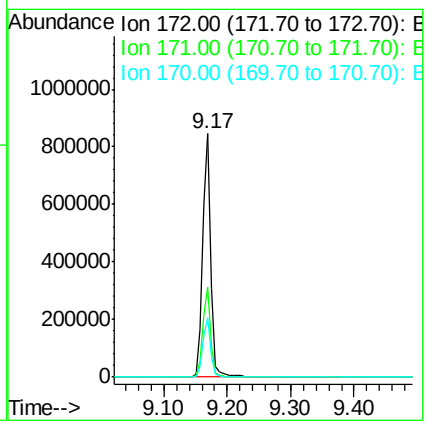


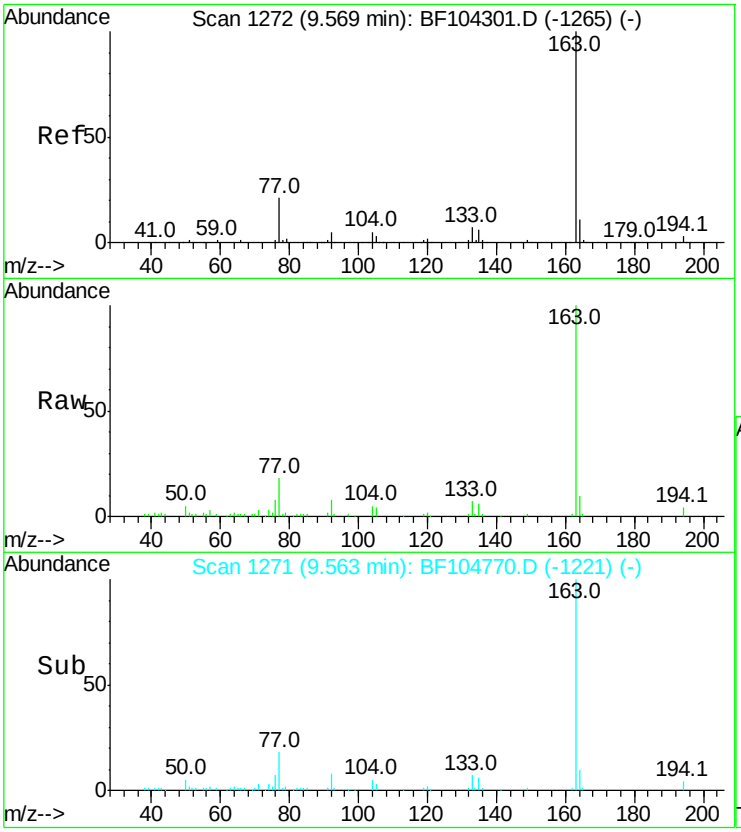


#44
2-Fluorobiphenyl
Concen: 69.899 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:172 Resp: 729073

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.4	19.6	29.4



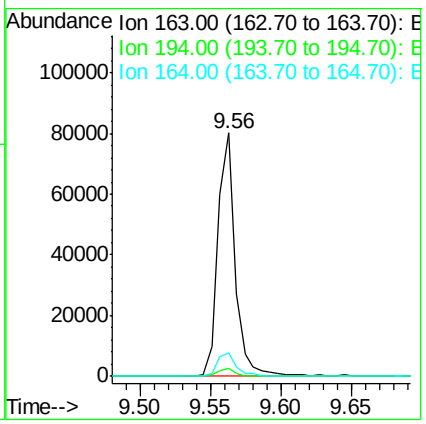


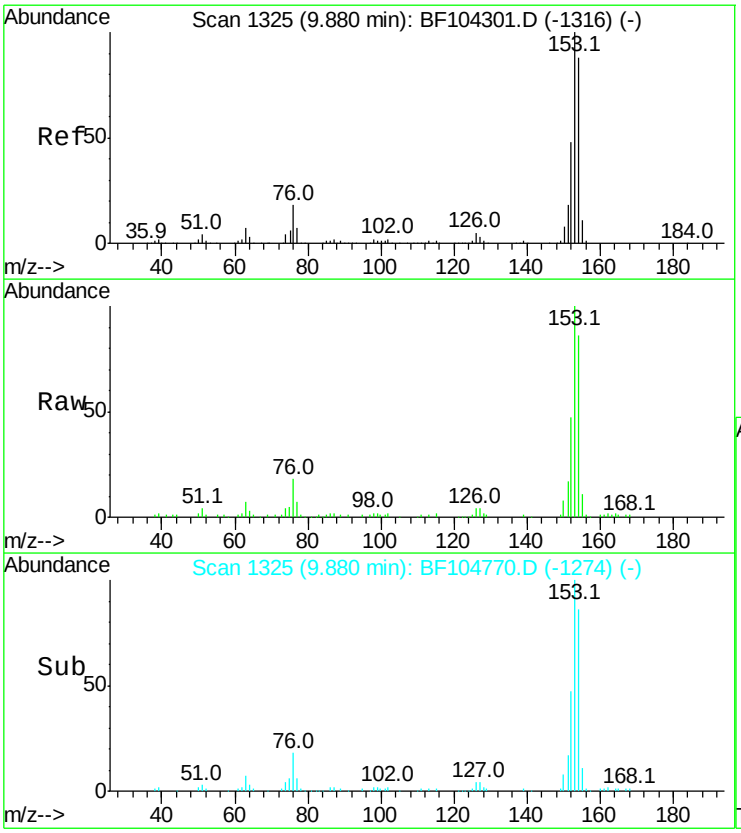
#49
Dimethylphthalate
Concen: 5.295 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 68798

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2

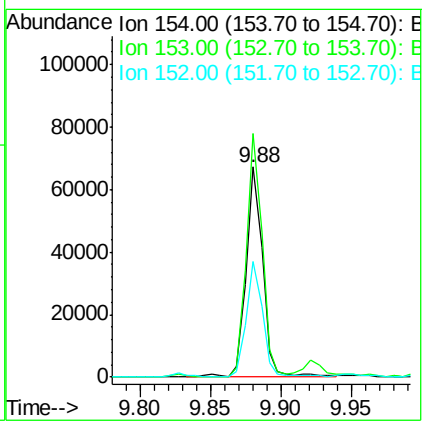


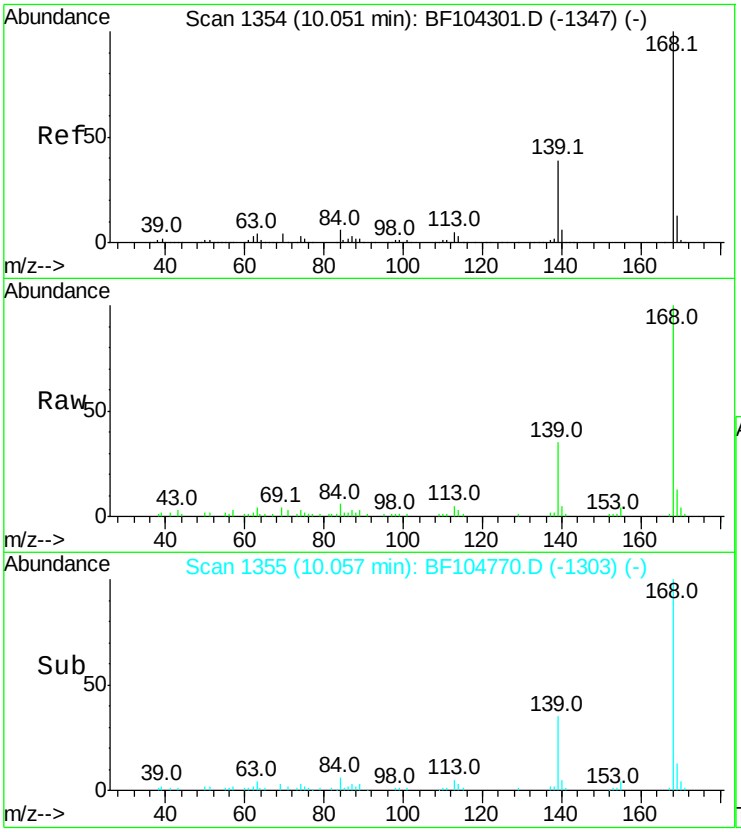


#51
Acenaphthene
Concen: 5.348 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:154 Resp: 55977

Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.2	136.8
152	55.0	43.8	65.8



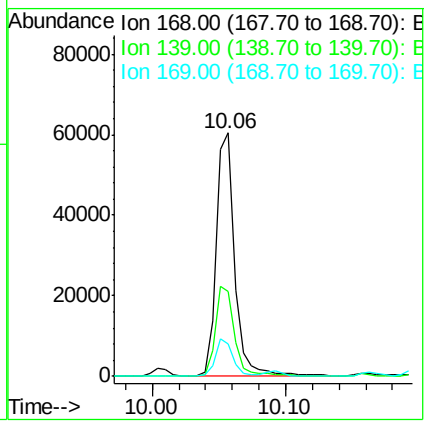


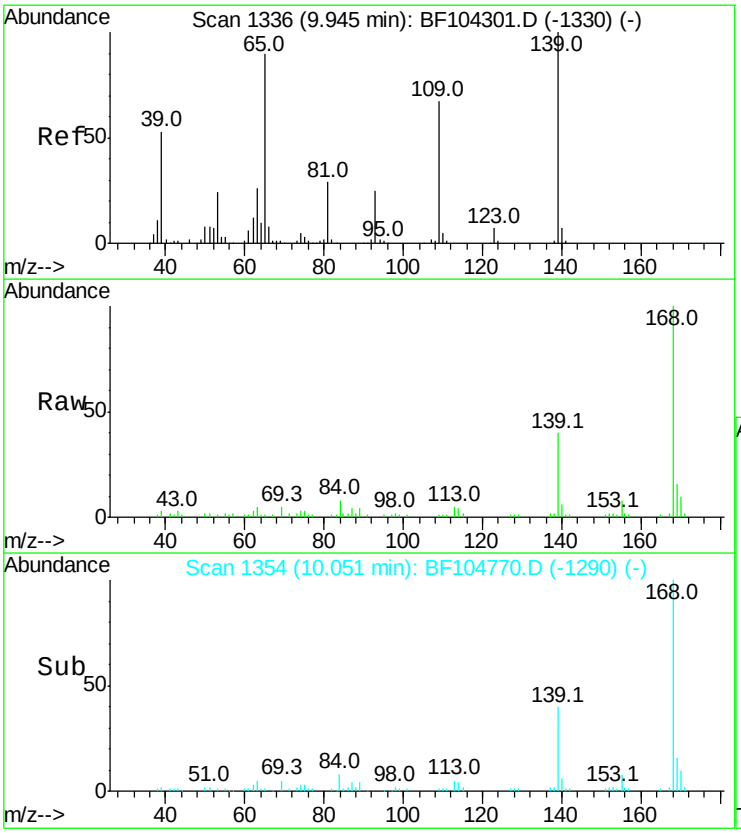
#54
Dibenzofuran
Concen: 4.071 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 59375

Ion	Ratio	Lower	Upper
168	100		
139	34.7	30.1	45.1
169	13.3	10.9	16.3

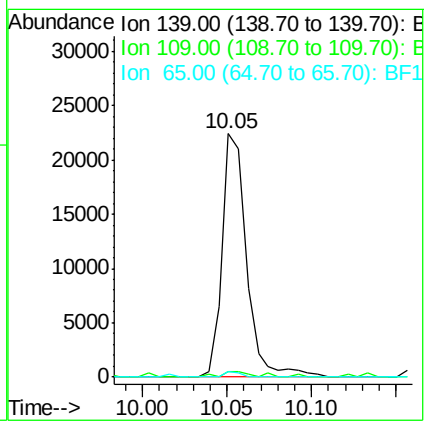


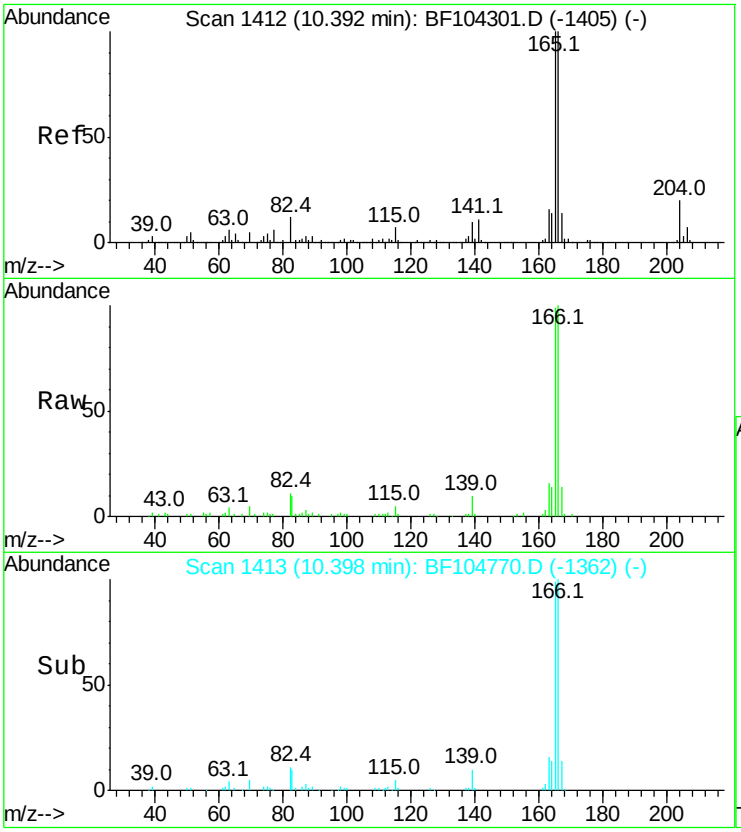


#55
4-Nitrophenol
Concen: 10.276 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.08 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:139 Resp: 22721

Ion	Ratio	Lower	Upper
139	100		
109	2.1	48.4	88.4#
65	2.3	72.6	112.6#



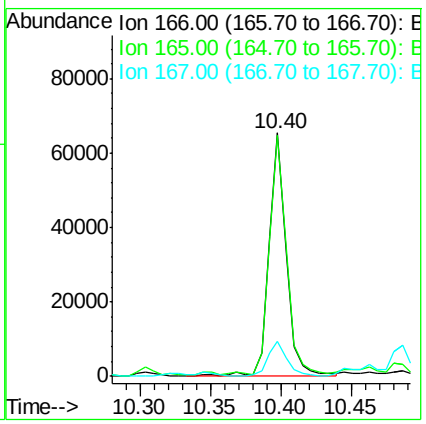


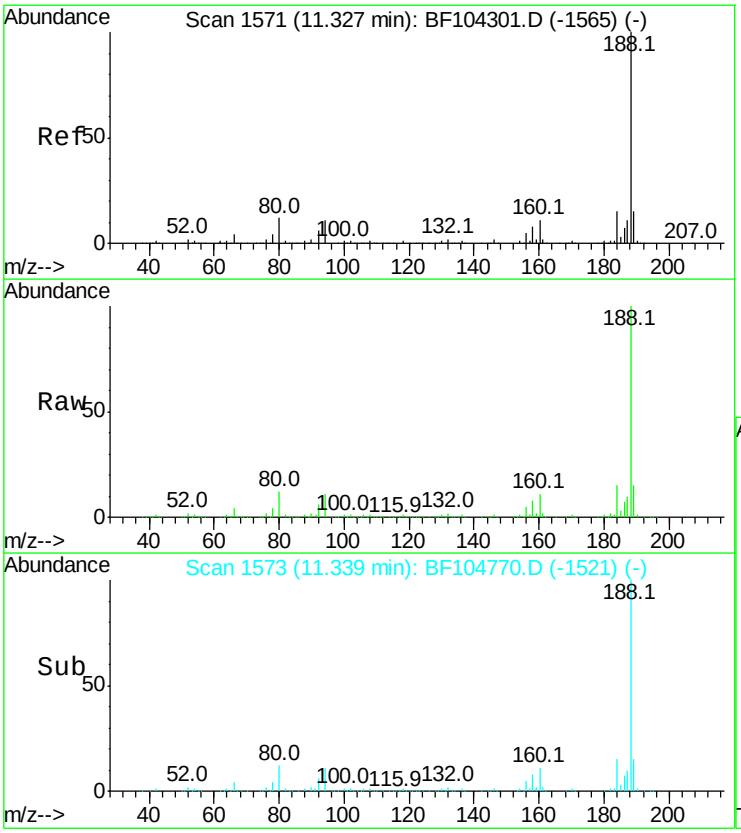
#57
Fluorene
Concen: 5.345 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 56750

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	14.2	10.6	16.0

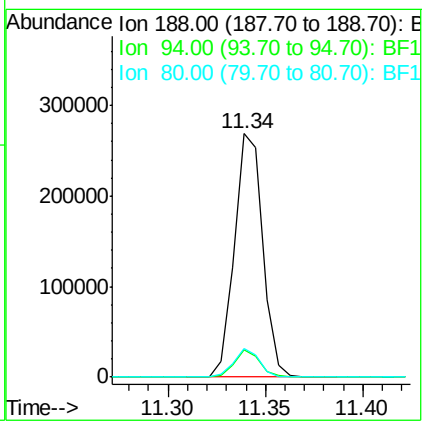


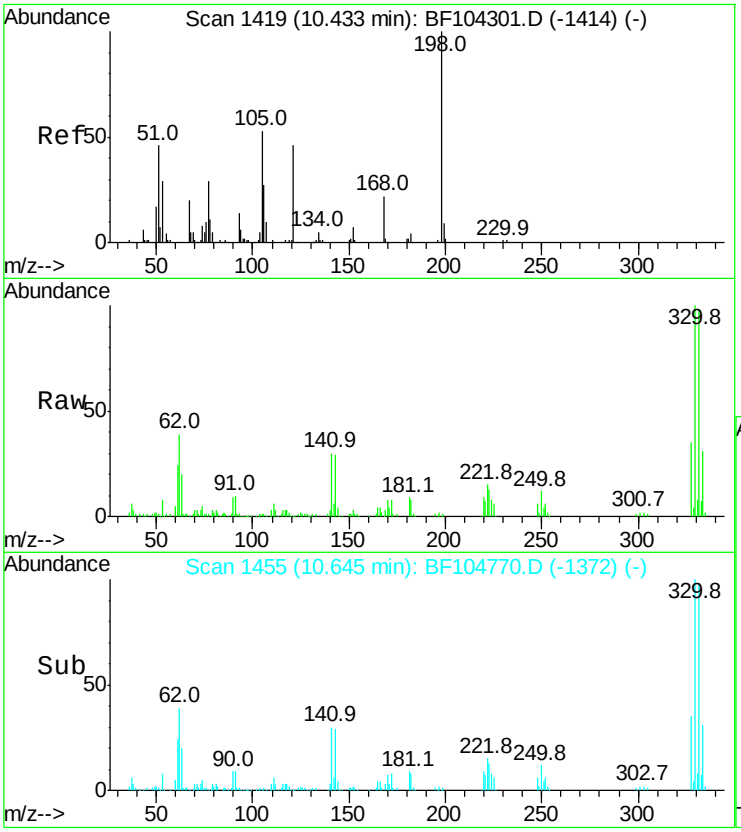


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:188 Resp: 269739

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8



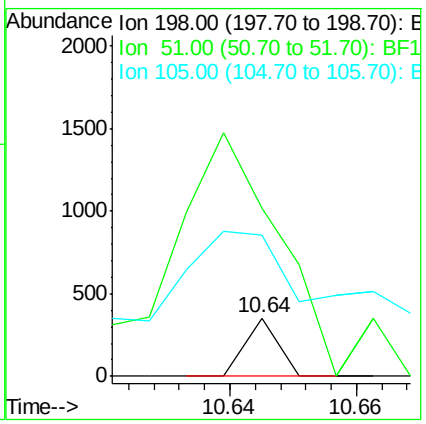


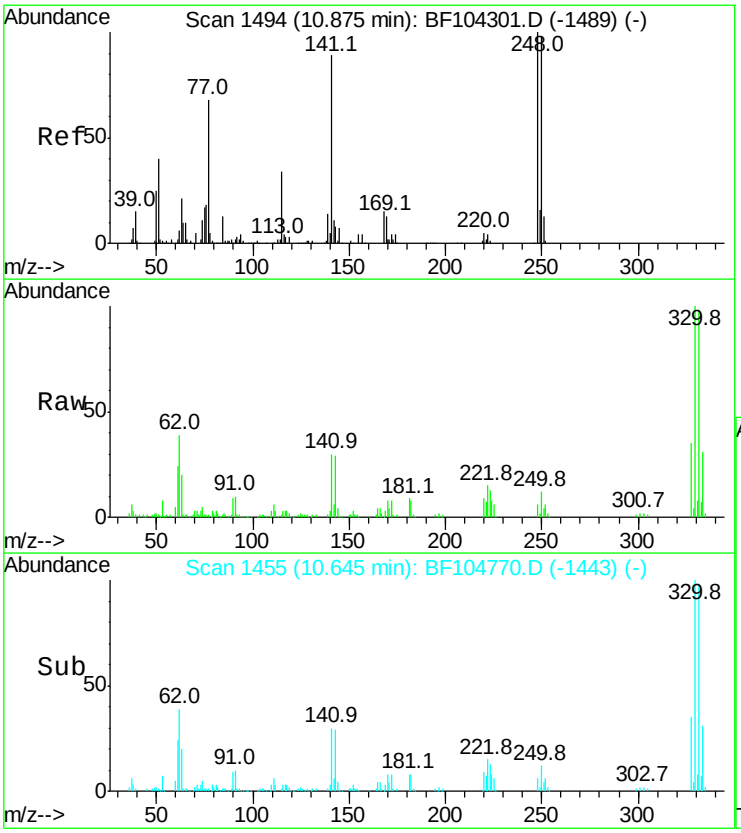
#64
4,6-Dinitro-2-methylphenol
Concen: 7.428 ng
RT: 10.64 min Scan# 1455
Delta R.T. 0.19 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 125

Ion	Ratio	Lower	Upper
198	100		
51	287.3	37.7	77.7#
105	241.0	36.3	76.3#

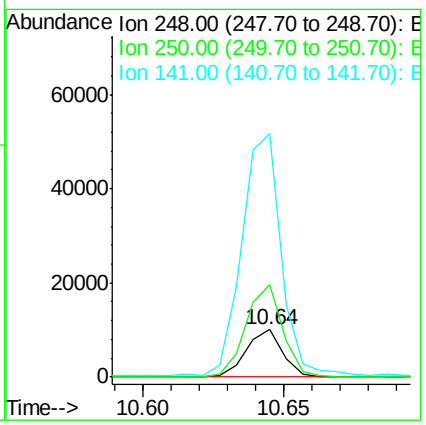


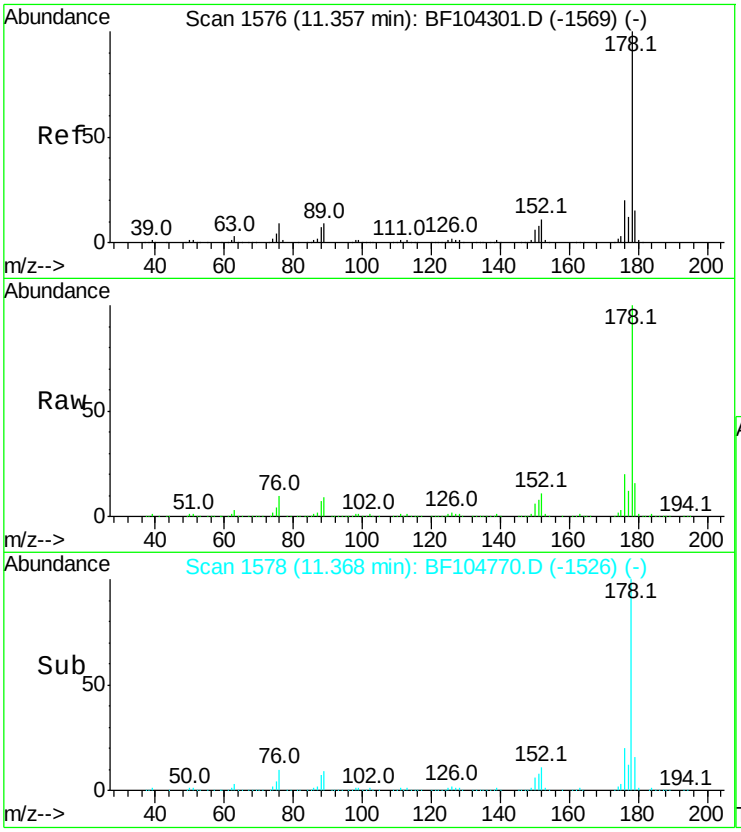


#66
4-Bromophenyl-phenylether
Concen: 3.131 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:248 Resp: 8983

Ion	Ratio	Lower	Upper
248	100		
250	195.0	76.9	115.3#
141	513.4	74.4	111.6#



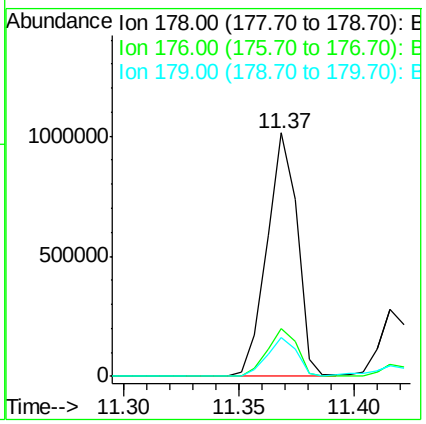


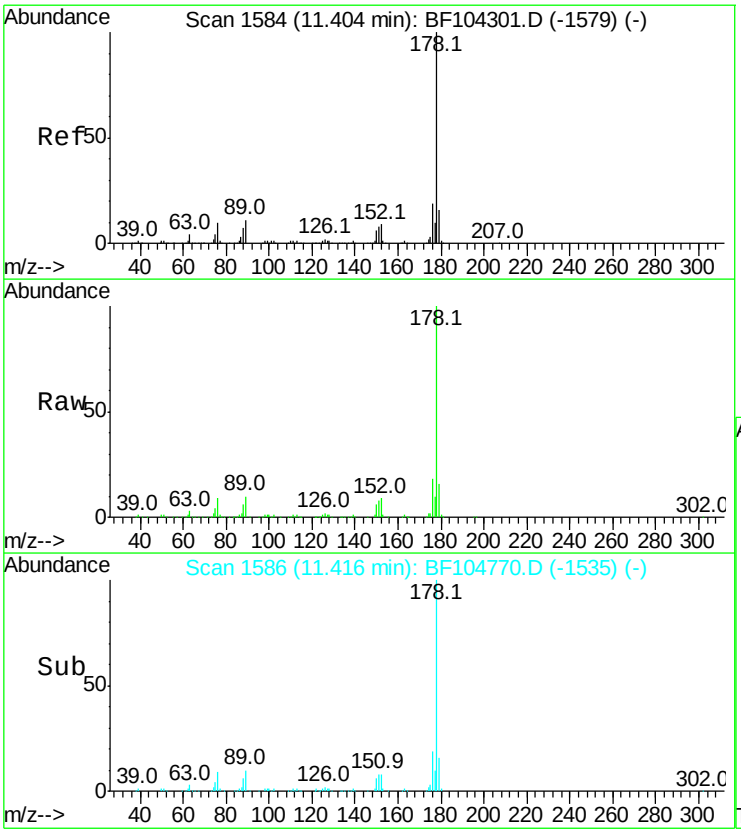
#70
Phenanthrene
Concen: 61.473 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 923423

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	13.0	19.6

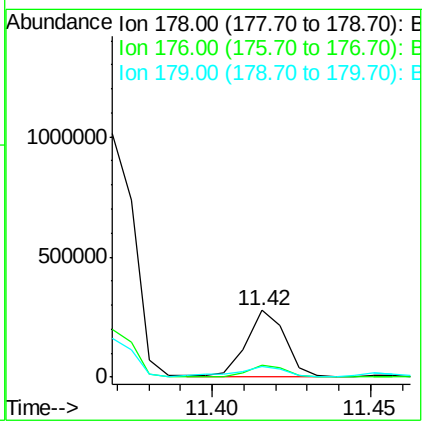


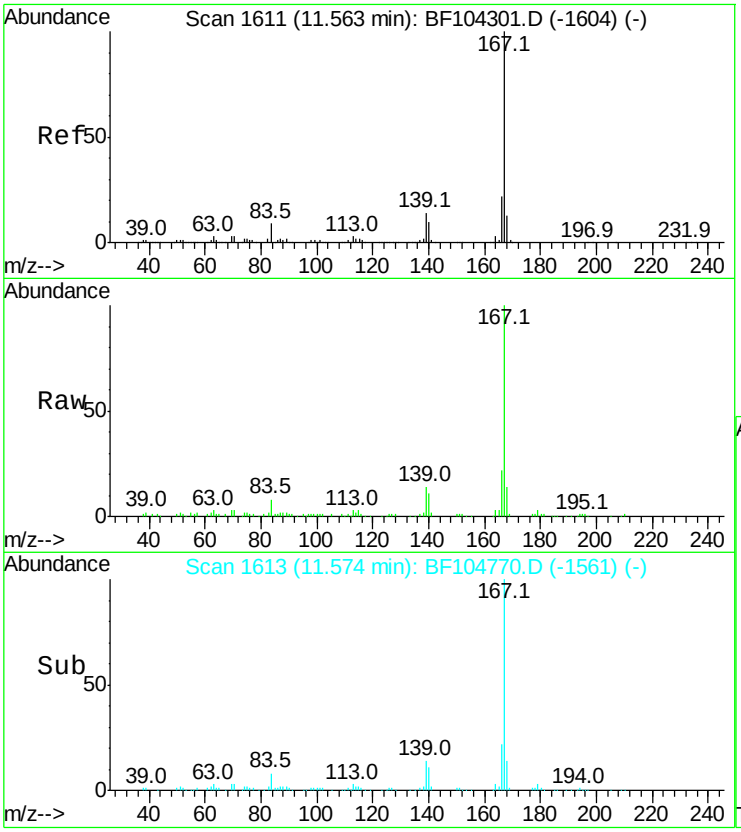


#71
Anthracene
Concen: 15.261 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:178 Resp: 233030

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.0	12.6	19.0



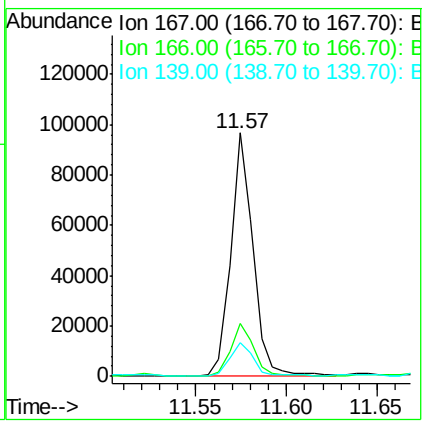


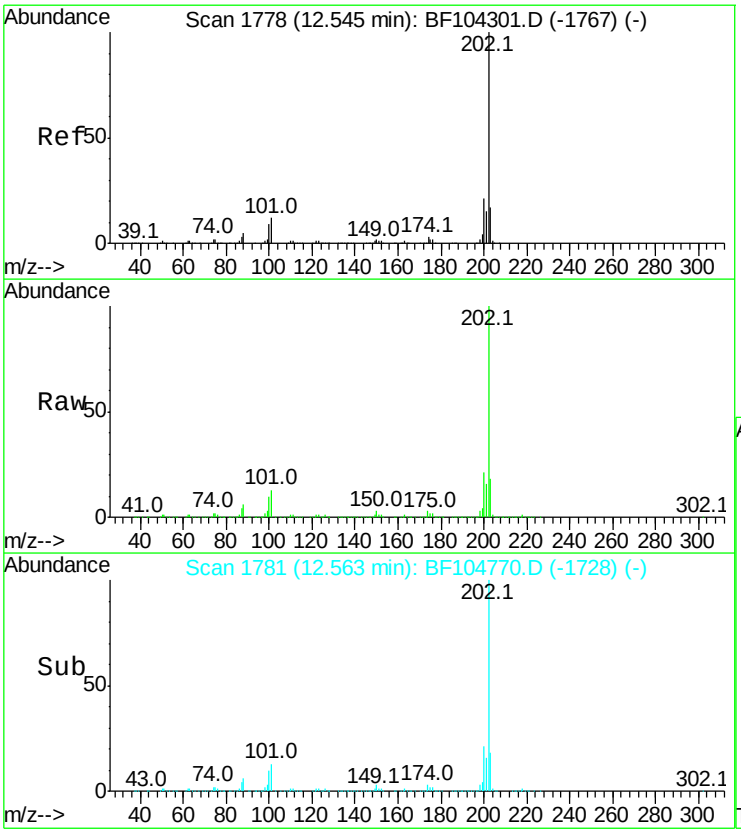
#72
Carbazole
Concen: 5.587 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 83362

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	14.0	10.9	16.3

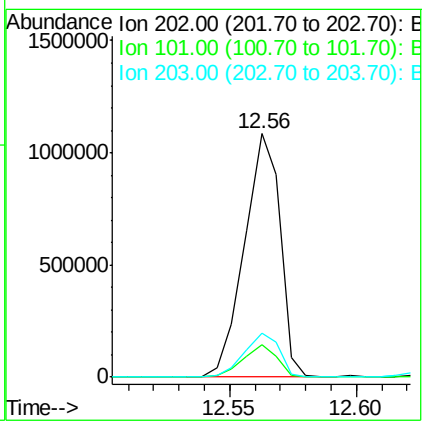


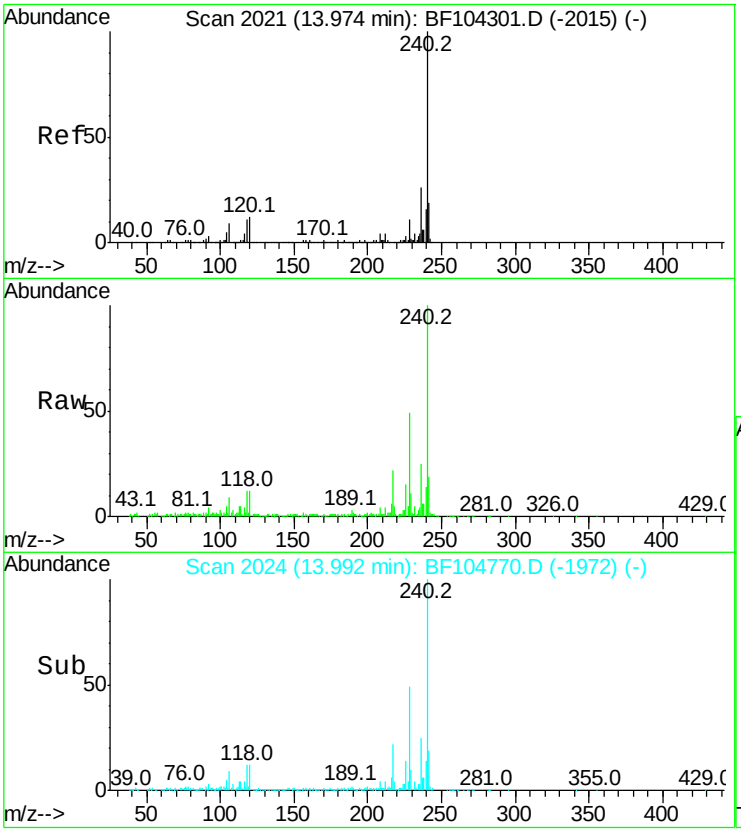


#74
Fluoranthene
Concen: 67.895 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:202 Resp: 1065594

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.9	0.0	38.1



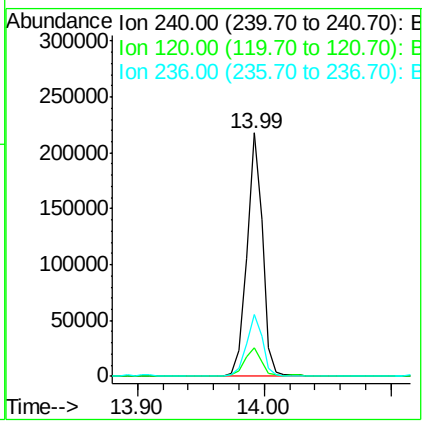


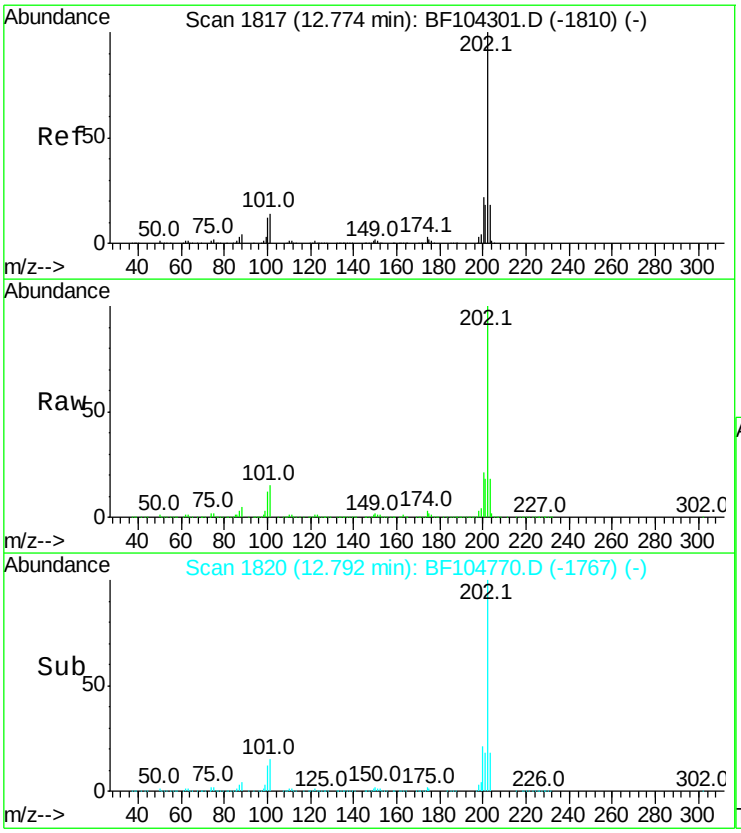
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 184877

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.3	20.7	31.1

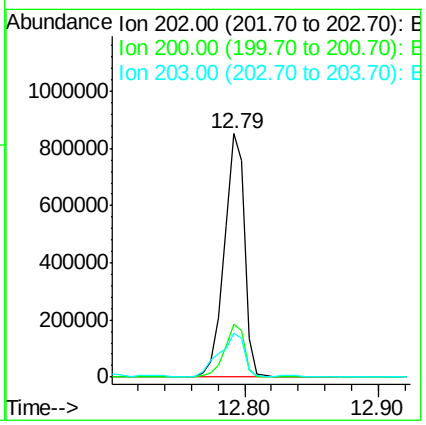


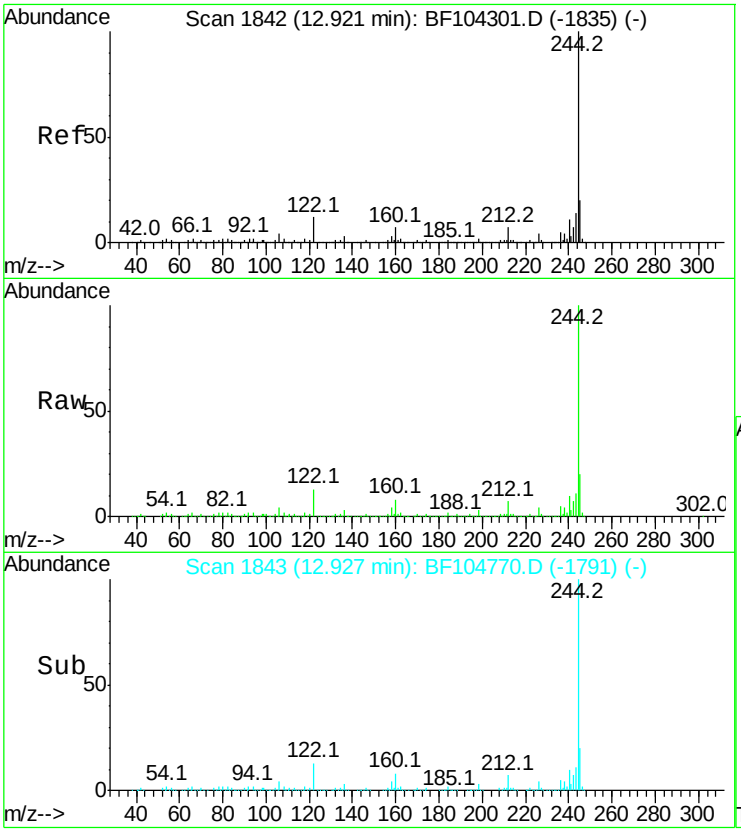


#77
Pyrene
Concen: 66.280 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:202 Resp: 908285

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.3	14.3	21.5



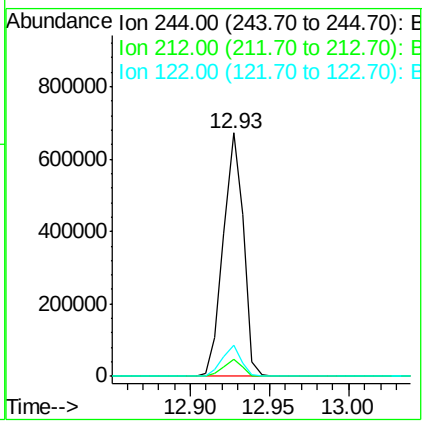


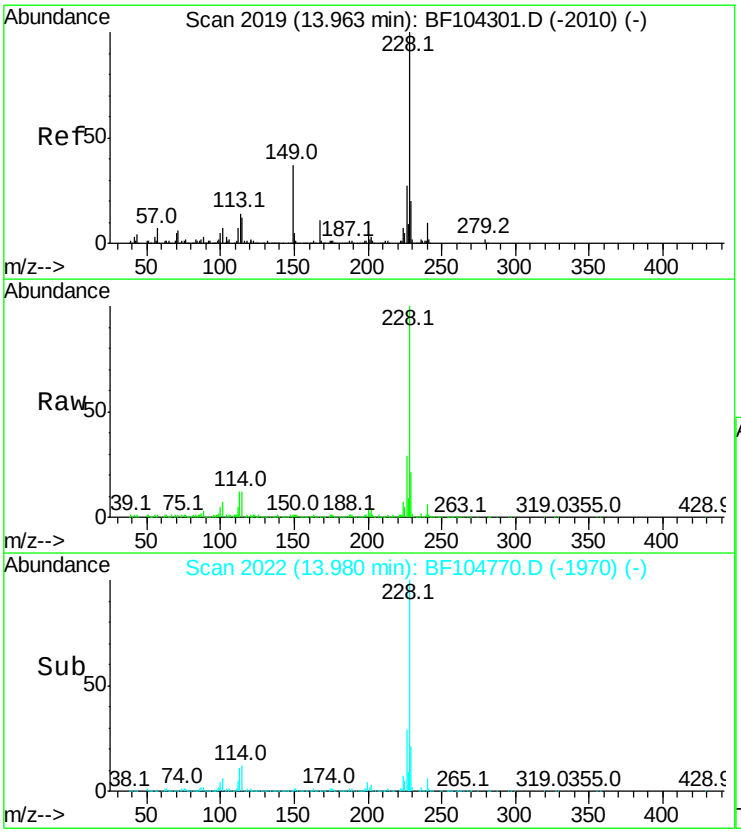
#78
Terphenyl-d14
Concen: 73.362 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 594908

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.7	11.0	16.4

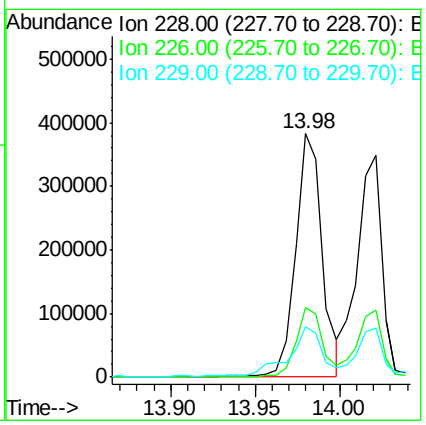


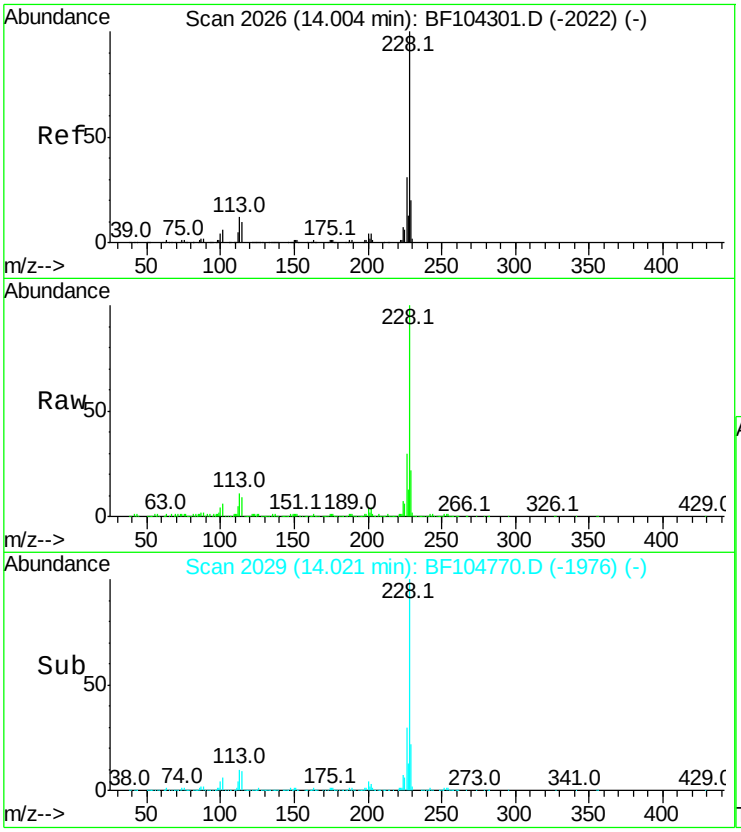


#80
Benzo(a)anthracene
Concen: 37.588 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:228 Resp: 415148

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.8	15.8	23.6



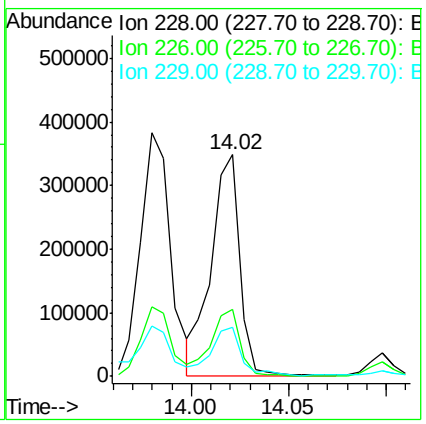


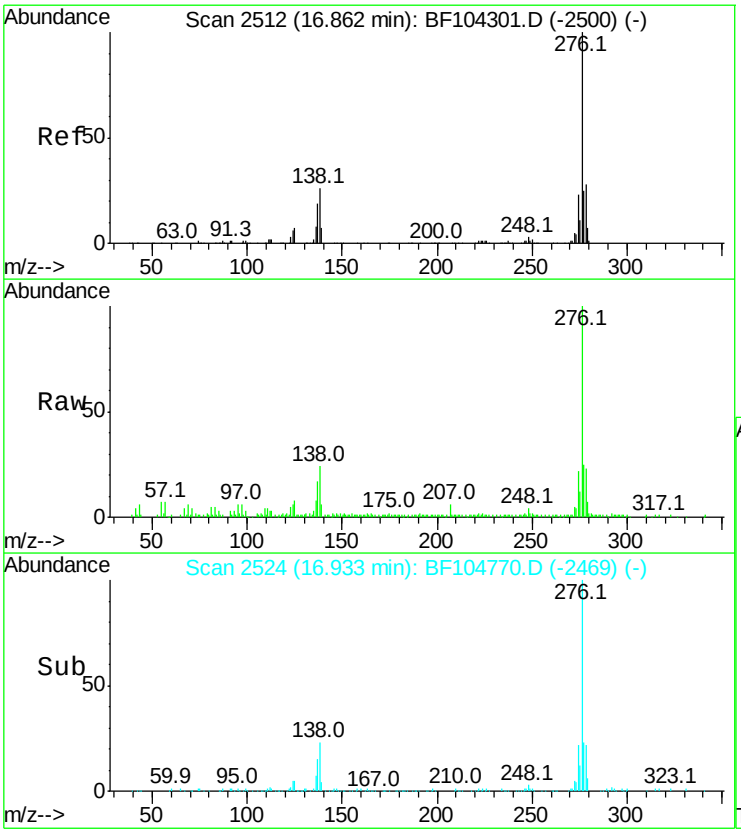
#82
Chrysene
Concen: 31.359 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 355756

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.9	16.2	24.4

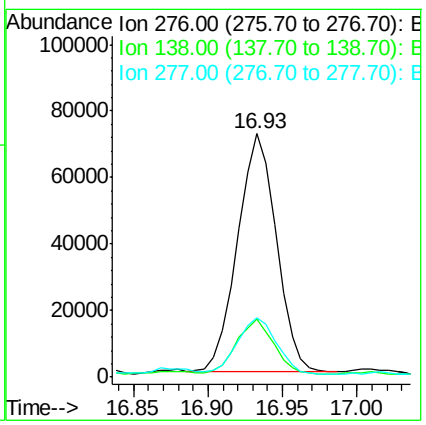


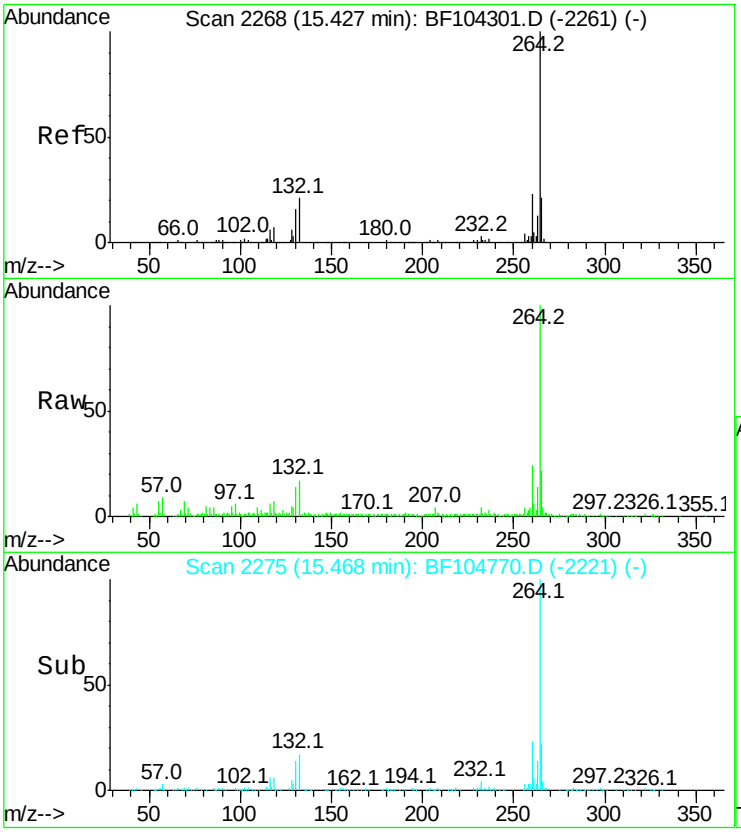


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.457 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.02 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:276 Resp: 129686

Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	24.4	20.1	30.1



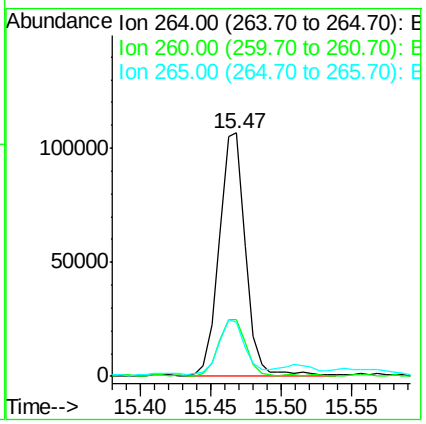


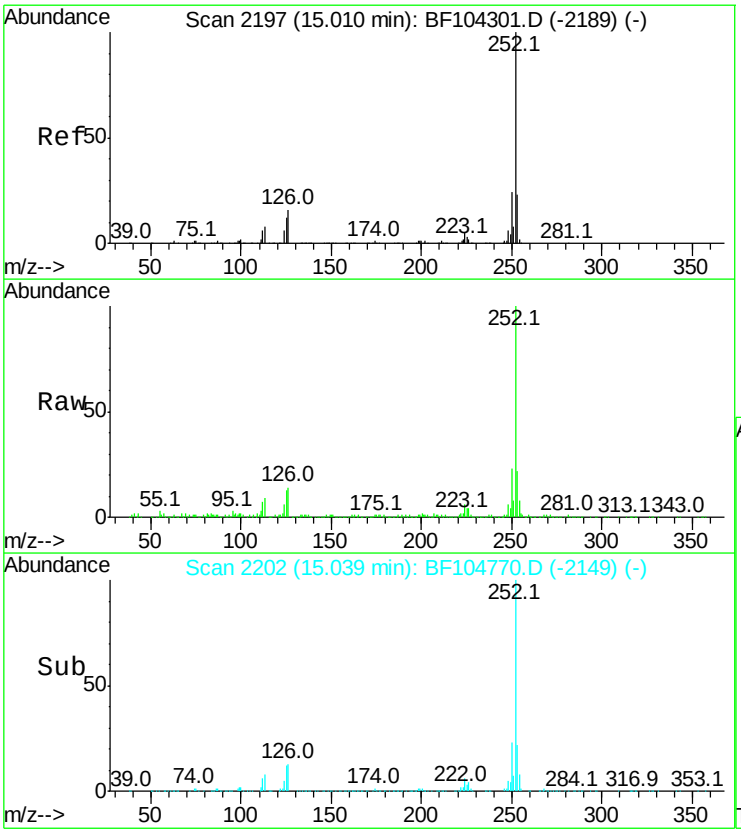
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 136571

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	17.5	26.3

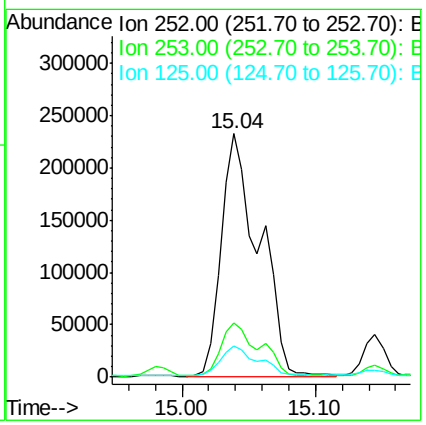


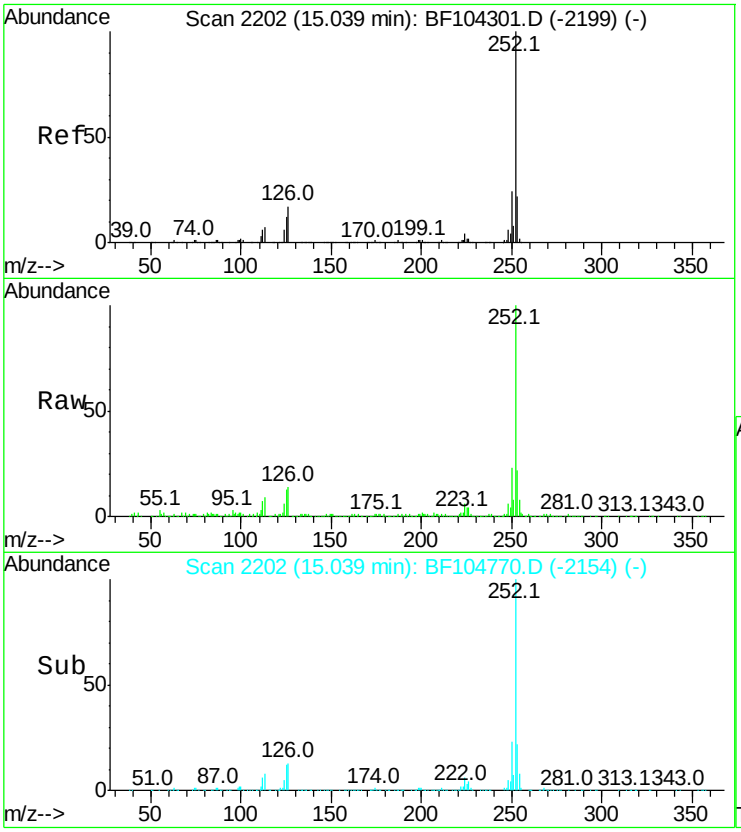


#87
Benzo(b)fluoranthene
Concen: 53.008 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:252 Resp: 457228

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.6	9.0	13.6



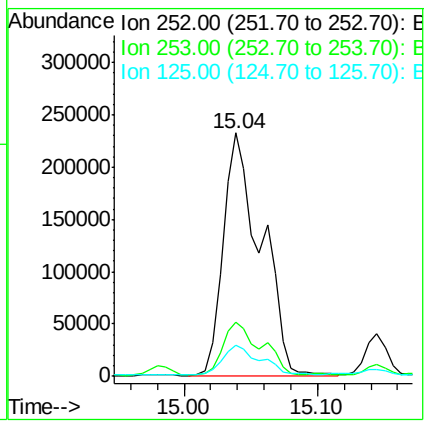


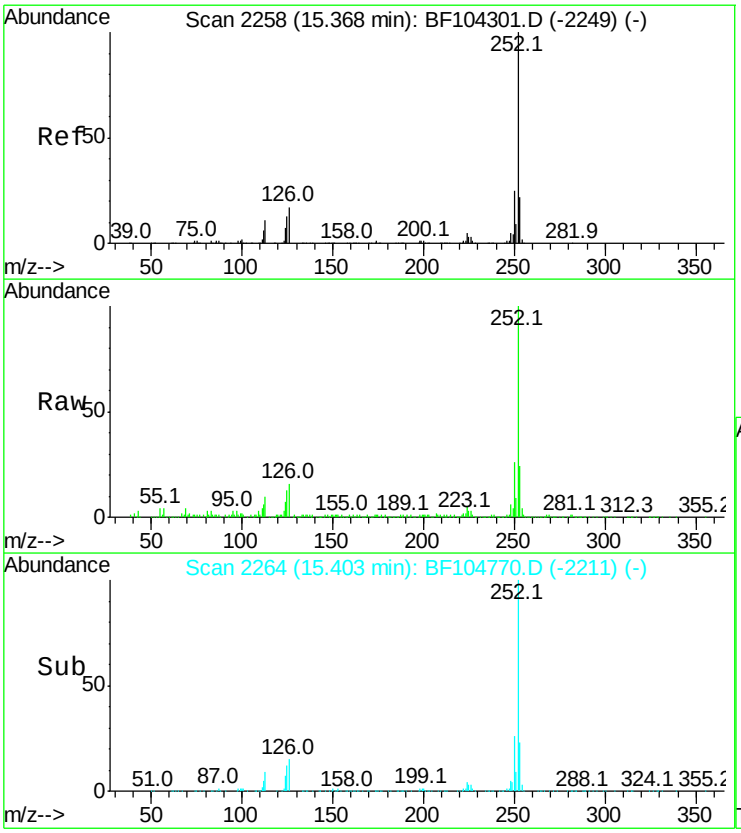
#88
Benzo(k)fluoranthene
Concen: 56.148 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 457228

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.6	10.2	15.2

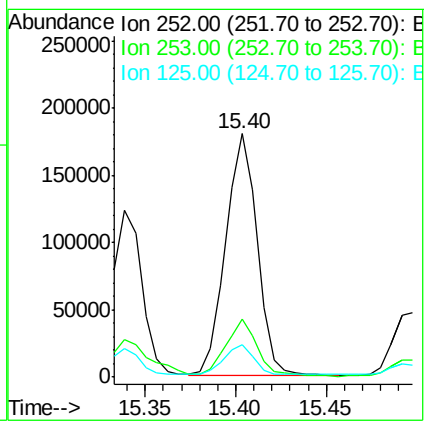


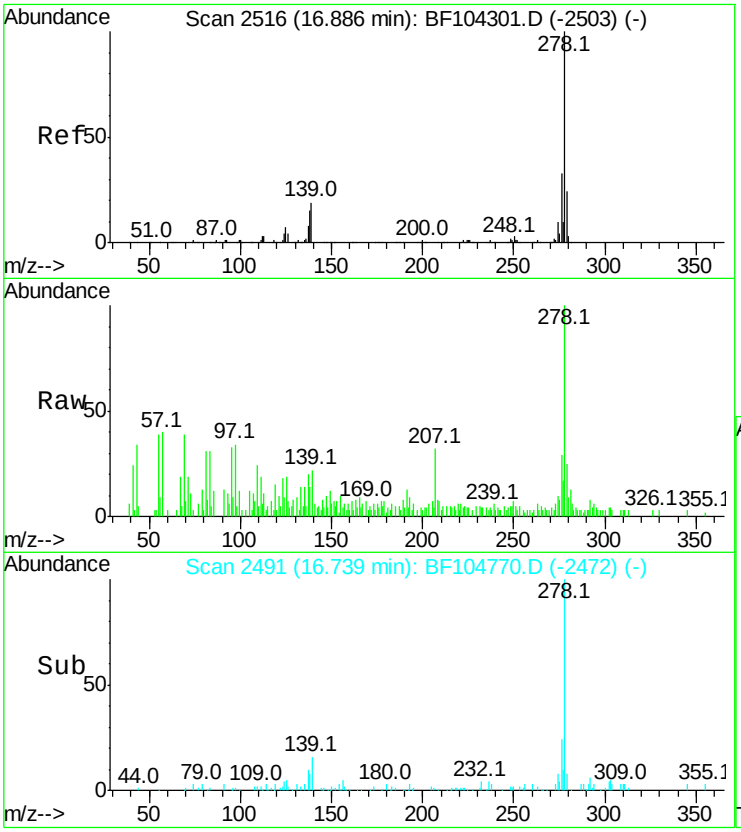


#89
Benzo(a)pyrene
Concen: 28.458 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:252 Resp: 219631

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	13.2	9.8	14.6



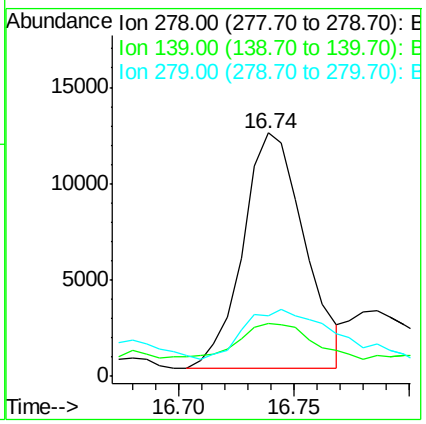


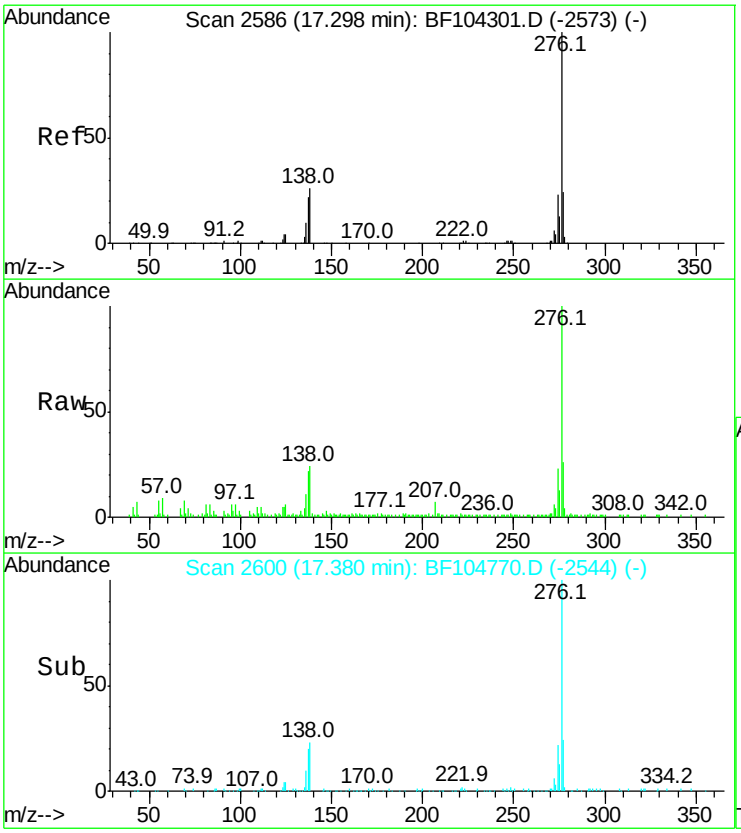
#90
Dibenzo(a,h)anthracene
Concen: 3.593 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.19 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 22773

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	24.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 19.681 ng
RT: 17.38 min Scan# 2600
Delta R.T. 0.03 min
Lab File: BF104770.D
Acq: 24 Apr 2018 21:28

Tgt Ion:276 Resp: 120862

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	23.7	21.8	32.8