Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104793.D
Acq On : 25 Apr 2018 17:13
Operator : JU/SJ
Sample : J2520-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 08:13:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	123417	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	497147	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	217081	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	344260	20.00	ng	0.00
75) Chrysene-d12	13.99	240	214333	20.00	ng	0.00
86) Perylene-d12	15.45	264	193421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	656422	81.33	ng	0.00
7) Phenol-d6	6.44	99	822154	82.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	526286	69.13	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	169520	75.28	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	840144	61.14	ng	0.00
78) Terphenyl-d14	12.92	244	562041	59.78	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	1353	Below Cal	#	78
19) n-Nitroso-di-n-propylamine	7.37	70	70095	10.816	ng	# 69
25) Isophorone	7.37	82	523056	32.488	ng	# 64
48) Acenaphthylene	9.70	152	54994	2.433	ng	99
49) Dimethylphthalate	9.55	163	133242	7.783	ng	99
51) Acenaphthene	9.87	154	33942	2.462	ng	98
55) 4-Nitrophenol	10.05	139	11532	3.959	ng	# 12
57) Fluorene	10.39	166	38614	2.761	ng	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	326	7.512	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10557	2.883	ng	# 1
70) Phenanthrene	11.36	178	637835	33.270	ng	98
71) Anthracene	11.41	178	141772	7.275	ng	97
72) Carbazole	11.56	167	50648	2.660	ng	98
74) Fluoranthene	12.55	202	862162	43.042	ng	99
76) Benzidine	12.92	184	8035	Below Cal		99
77) Pyrene	12.79	202	770971	48.528	ng	100
80) Benzo(a)anthracene	13.97	228	413316	32.279	ng	96
82) Chrysene	14.01	228	399155	30.349	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	163785	14.660	ng	# 89
87) Benzo(b)fluoranthene	15.03	252	599324	49.060	ng	97
88) Benzo(k)fluoranthene	15.03	252	599324	51.965	ng	99
89) Benzo(a)pyrene	15.39	252	302551	27.680	ng	97
90) Dibenzo(a,h)anthracene	17.08	278	37396	4.166	ng	96
91) Benzo(g,h,i)perylene	17.36	276	143510	16.500	ng	93

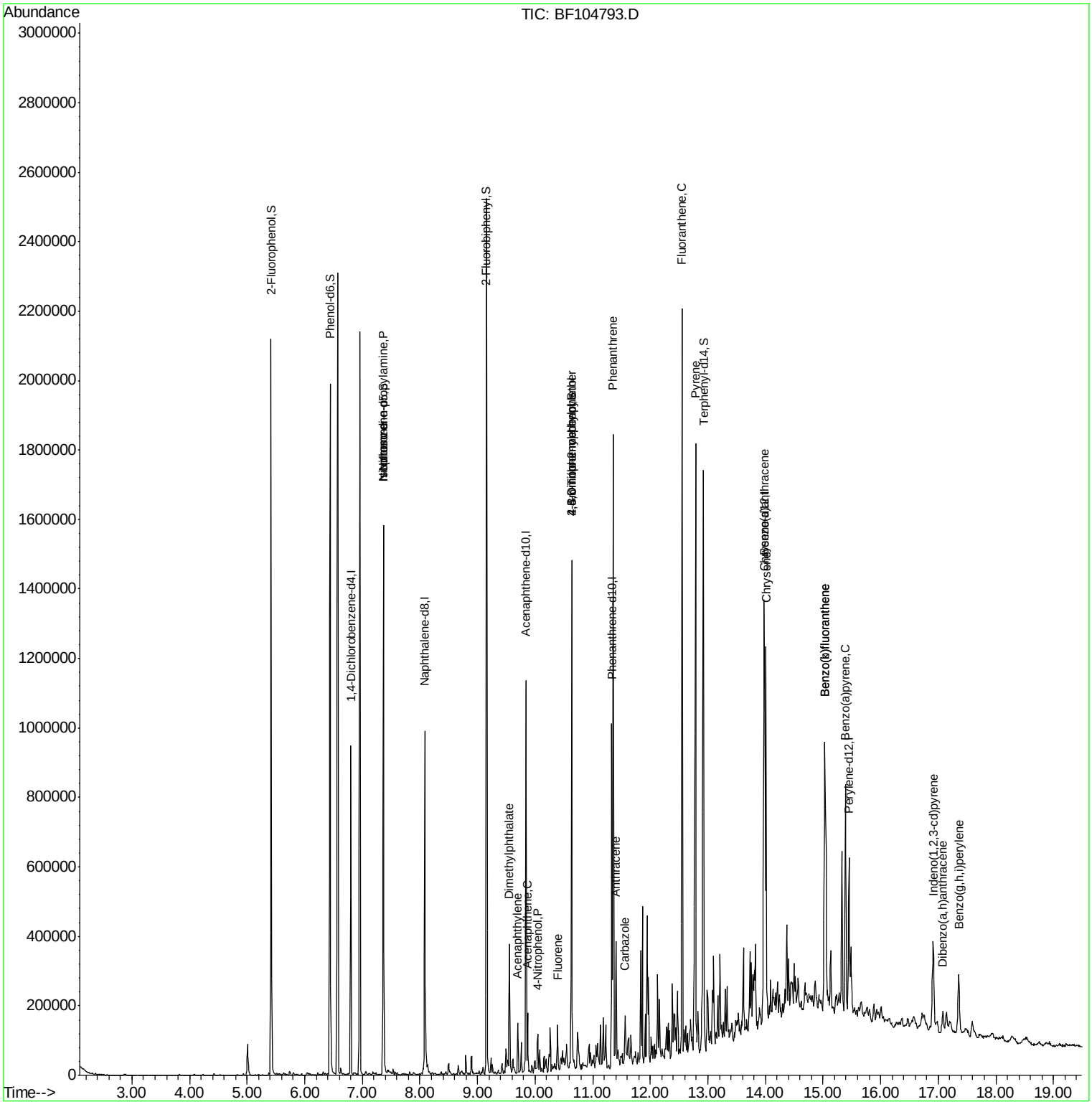
(#) = qualifier out of range (m) = manual integration (+) = signals summed

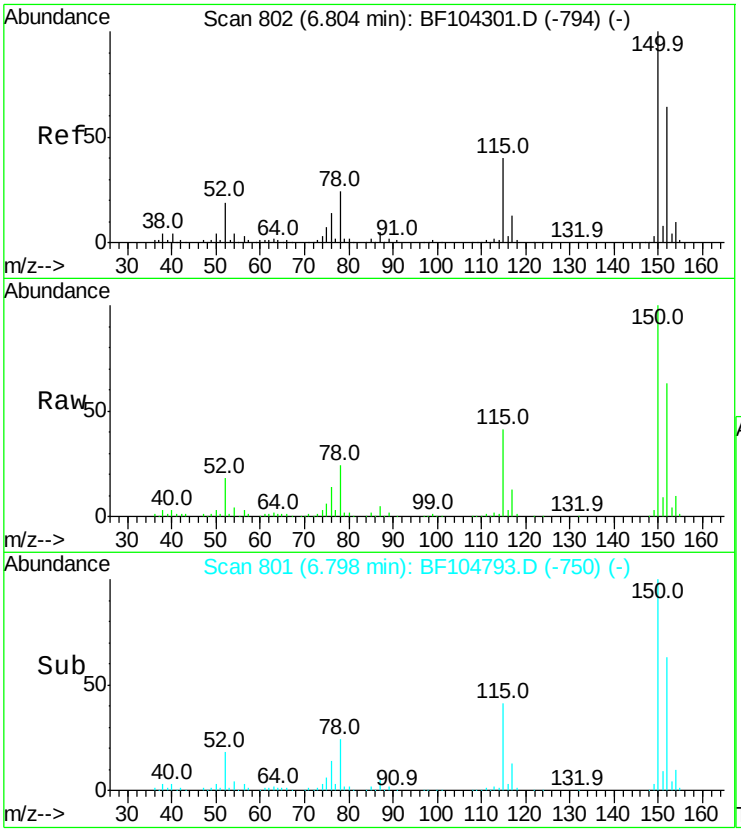
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104793.D
Acq On : 25 Apr 2018 17:13
Operator : JU/SJ
Sample : J2520-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 26 08:13:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration



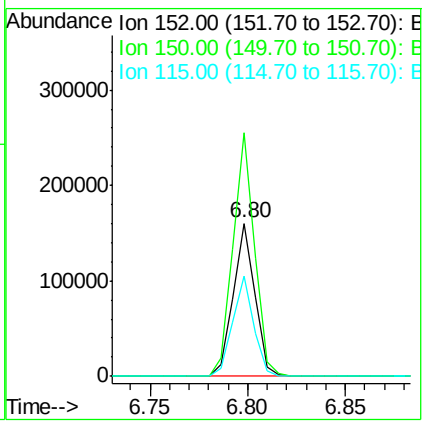


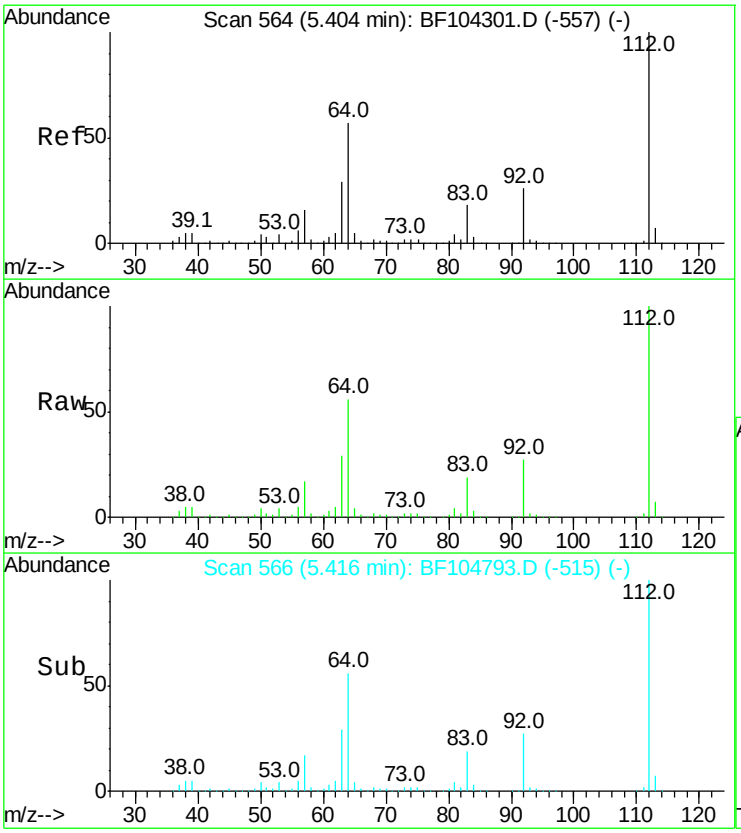
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123417

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	65.4	50.1	75.1

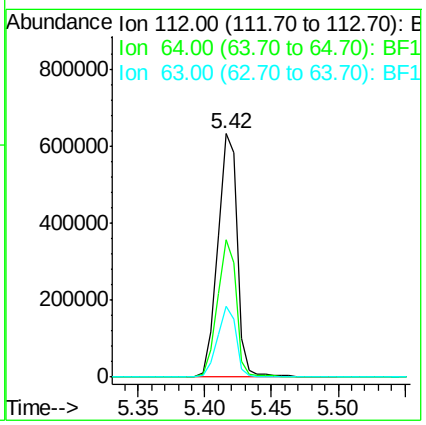


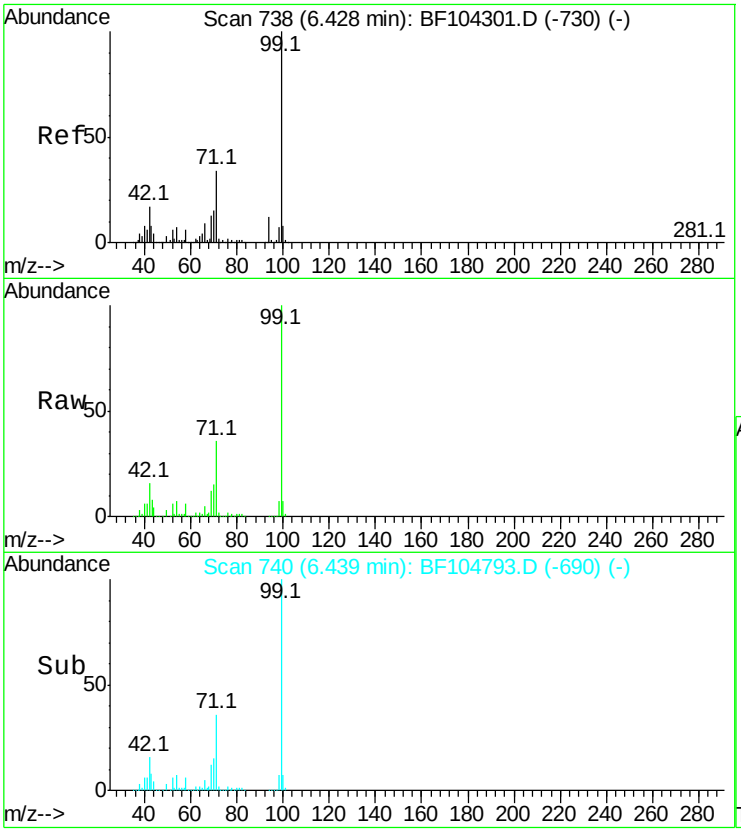


#5
2-Fluorophenol
Concen: 81.326 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:112 Resp: 656422

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	29.0	23.7	35.5



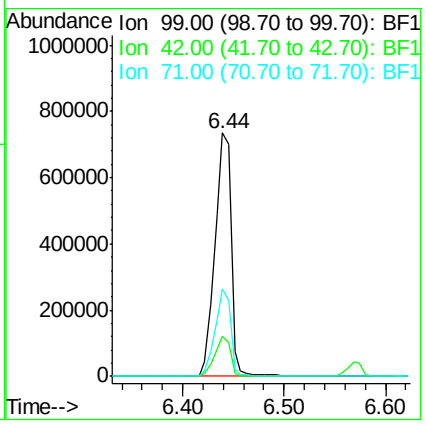


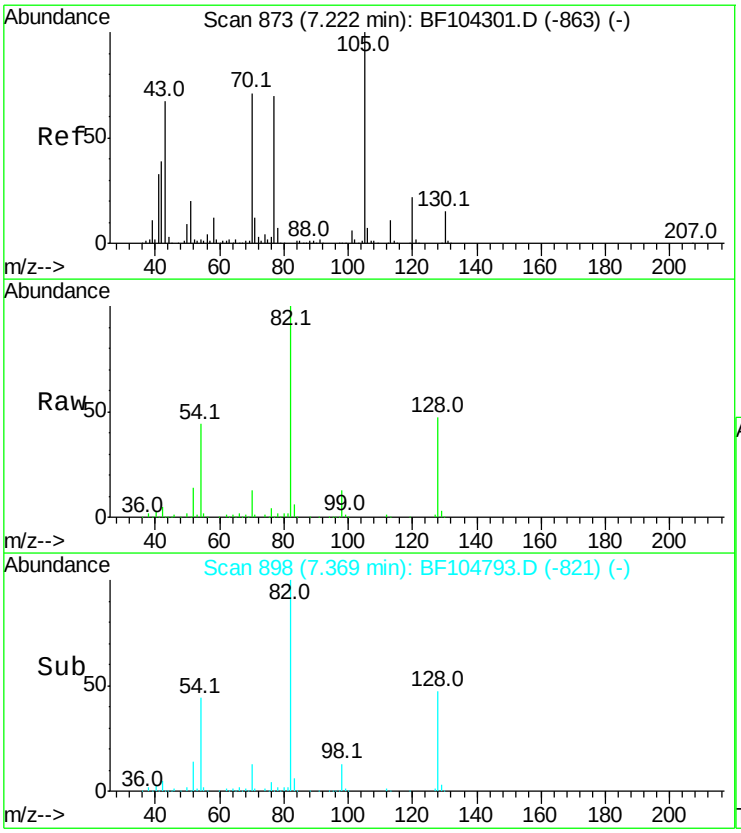
#7
Phenol-d6
Concen: 82.902 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 822154

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	35.7	25.4	38.0

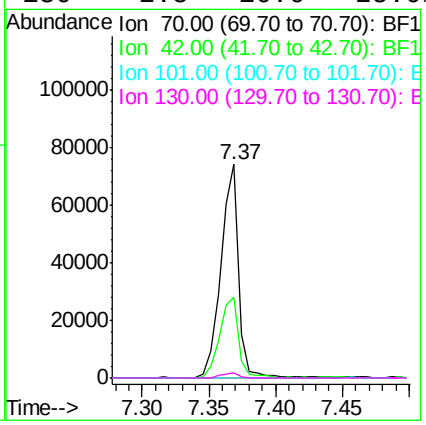


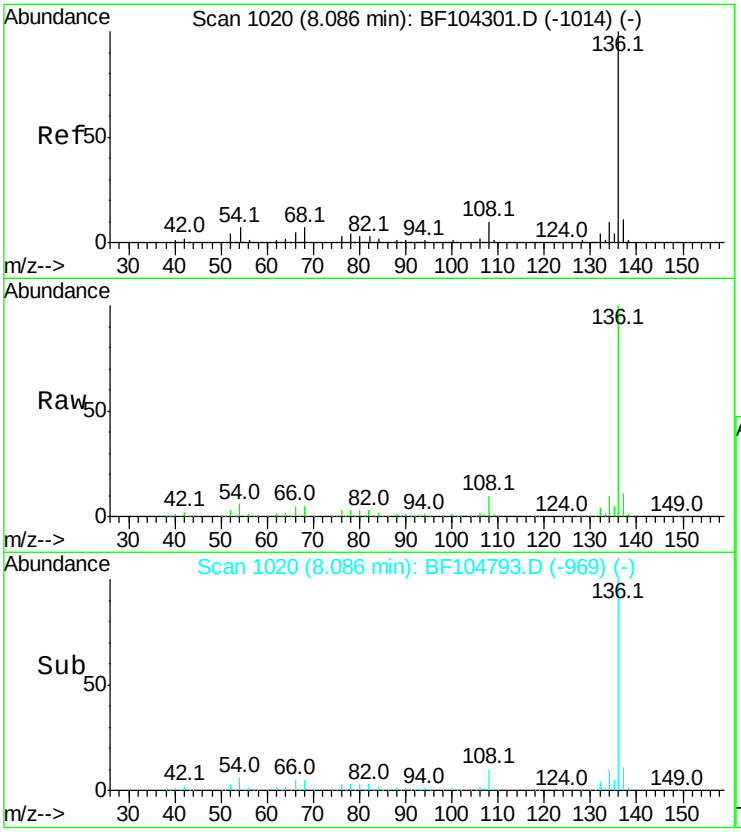


#19
n-Nitroso-di-n-propylamine
Concen: 10.816 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion: 70 Resp: 70095

Ion	Ratio	Lower	Upper
70	100		
42	38.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



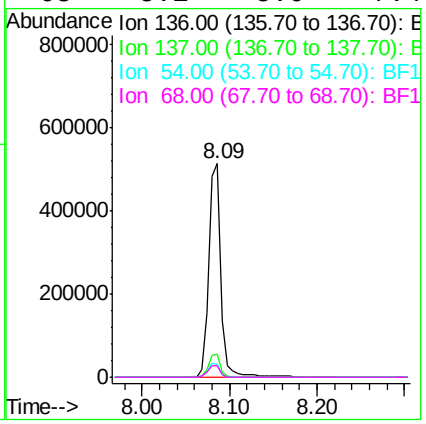


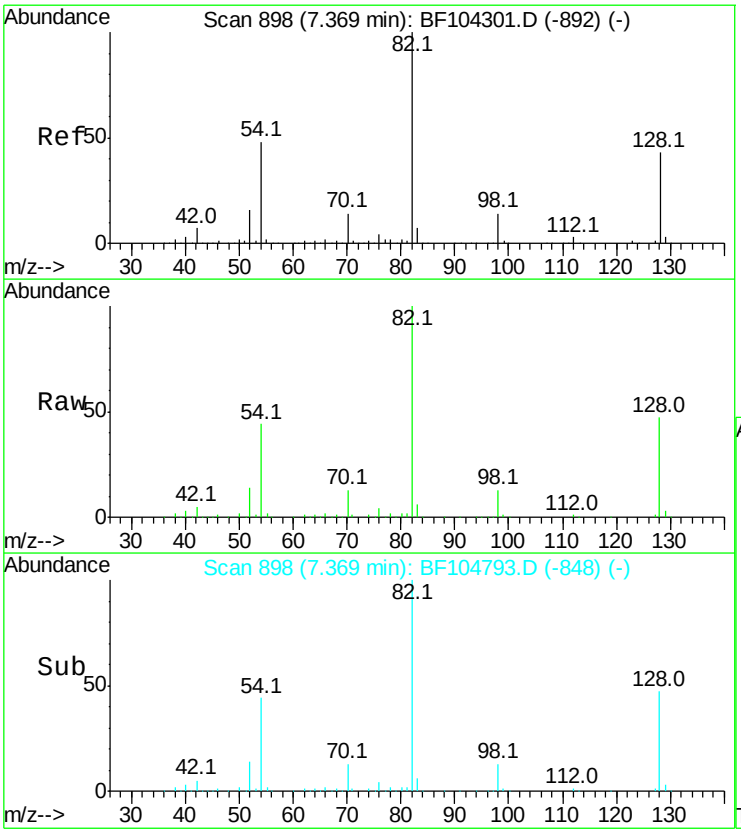
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 497147

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.7	6.6	9.8#
68	5.1	5.0	7.4

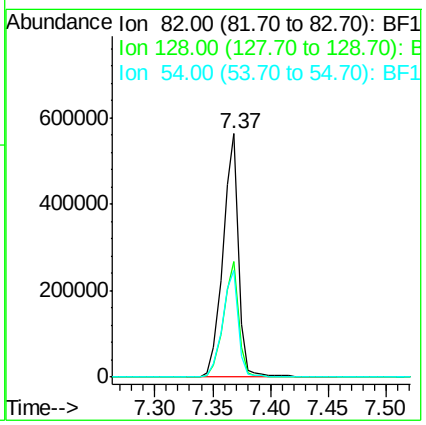


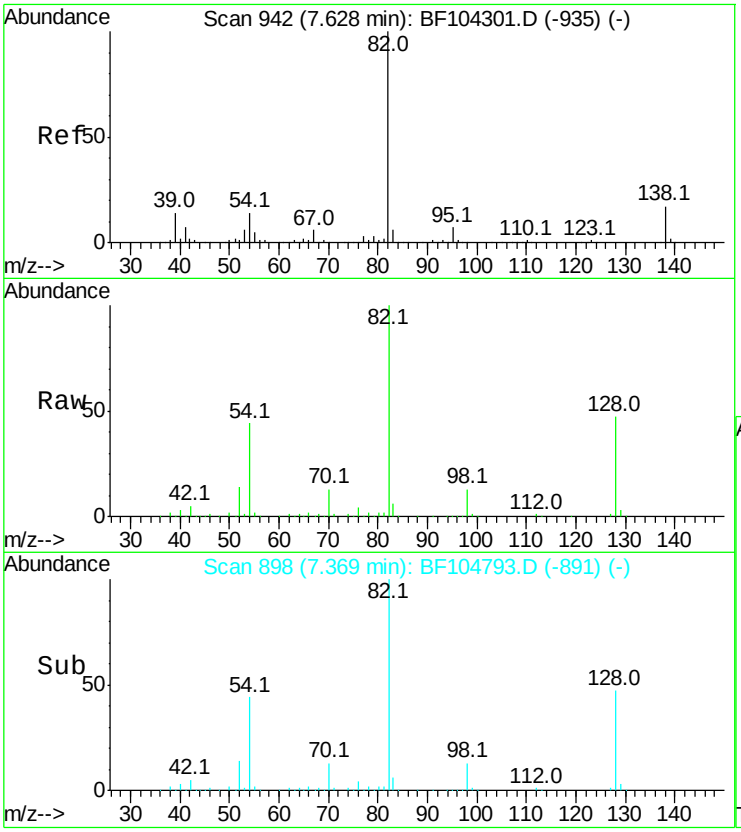


#23
Nitrobenzene-d5
Concen: 69.125 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion: 82 Resp: 526286

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	43.9	41.4	62.2



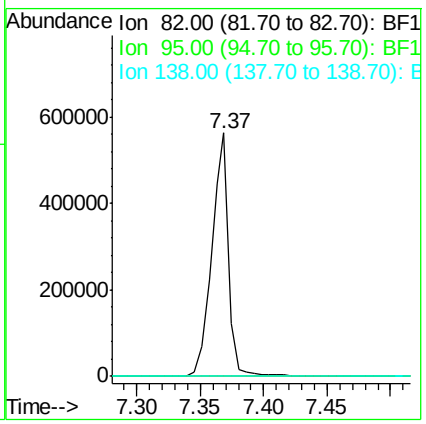


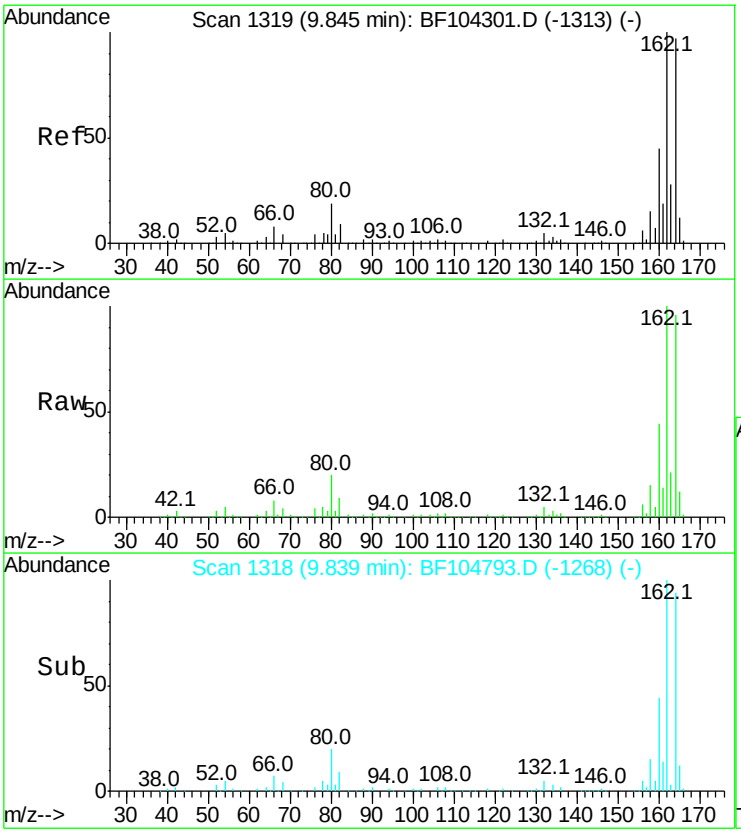
#25
Isophorone
Concen: 32.488 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 523056

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

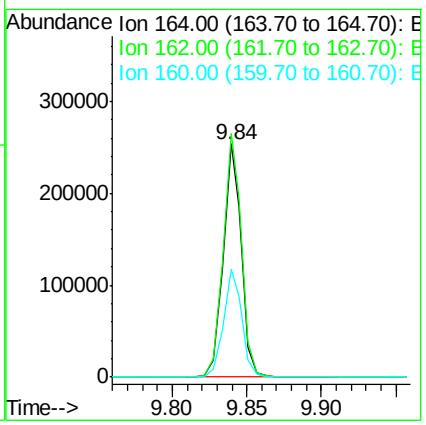


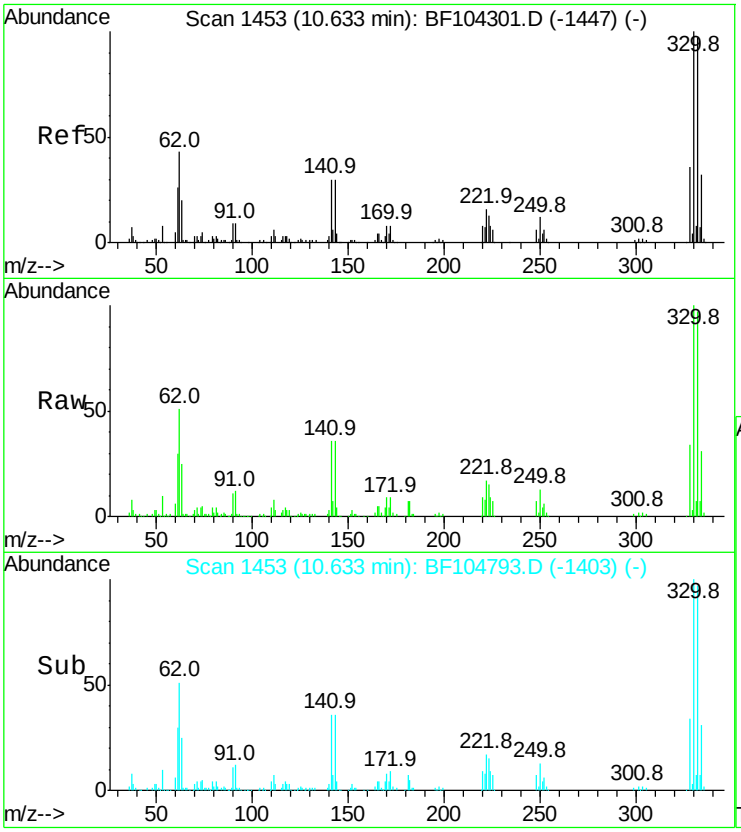


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:164 Resp: 217081

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.5	38.3	57.5



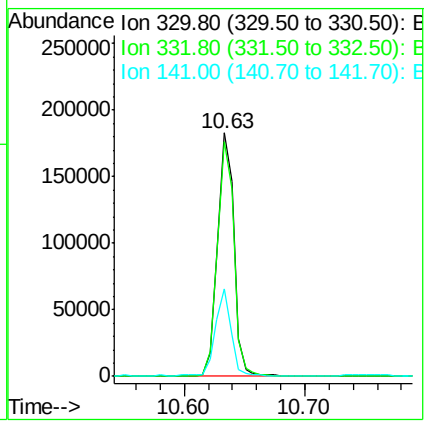


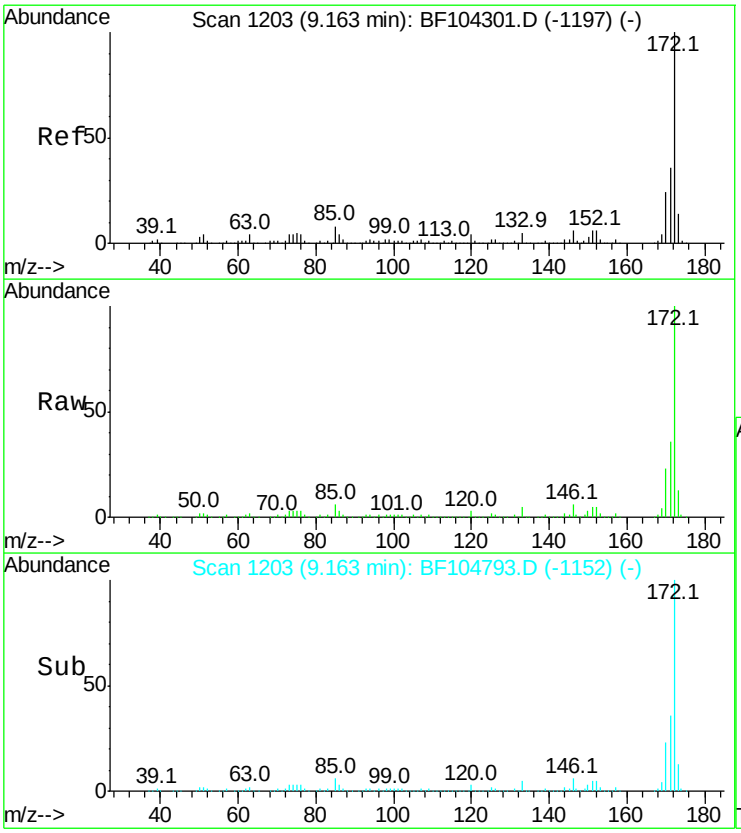
#41
2,4,6-Tribromophenol
Concen: 75.281 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 169520

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	35.9	29.9	44.9

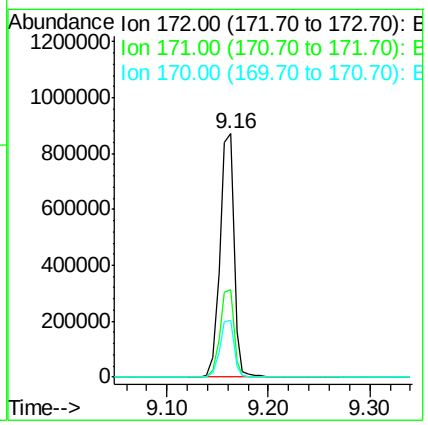


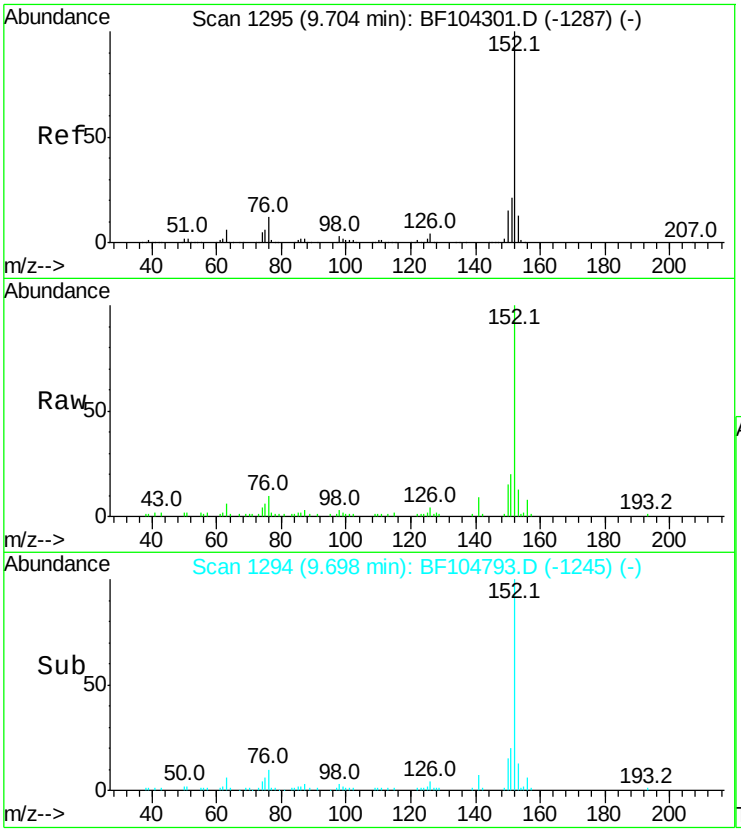


#44
2-Fluorobiphenyl
Concen: 61.139 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:172 Resp: 840144

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	19.6	29.4



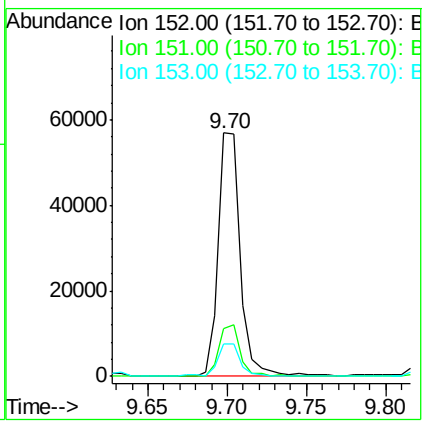


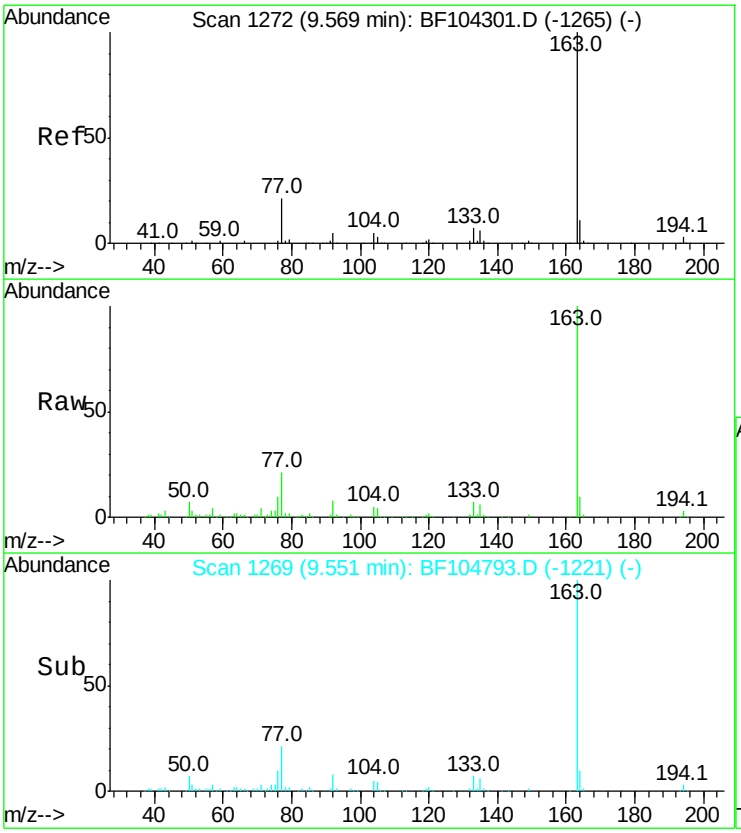
#48
Acenaphthylene
Concen: 2.433 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54994

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.3	10.7	16.1

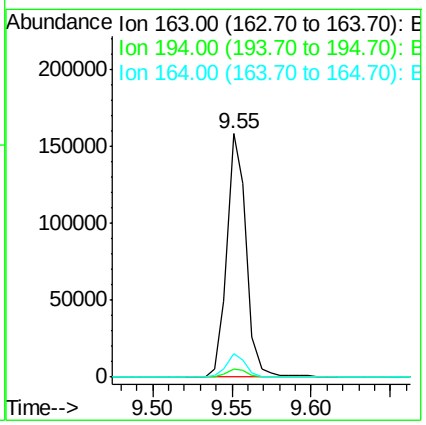


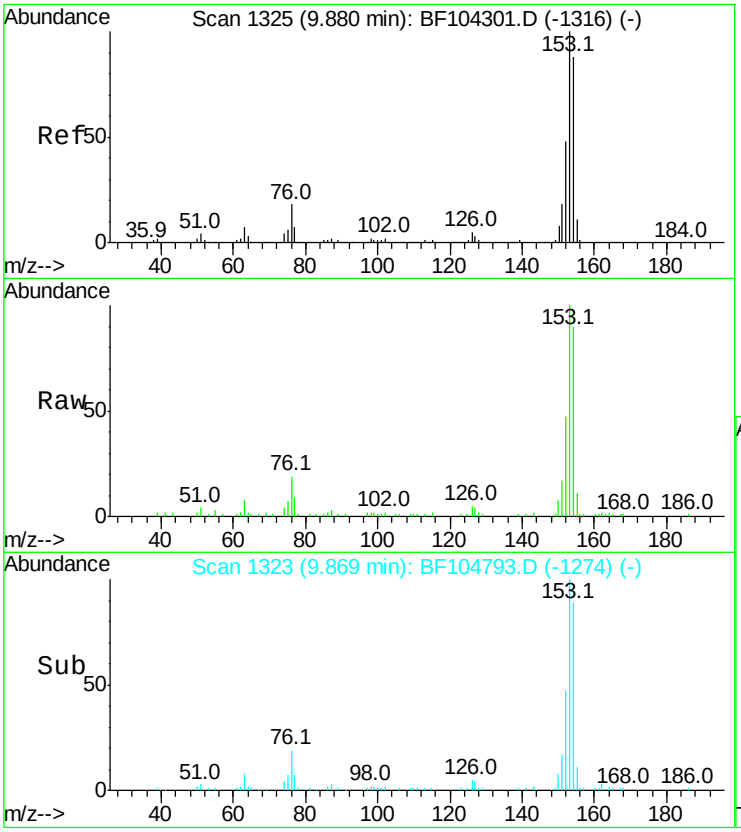


#49
Dimethylphthalate
Concen: 7.783 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:163 Resp: 133242

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2



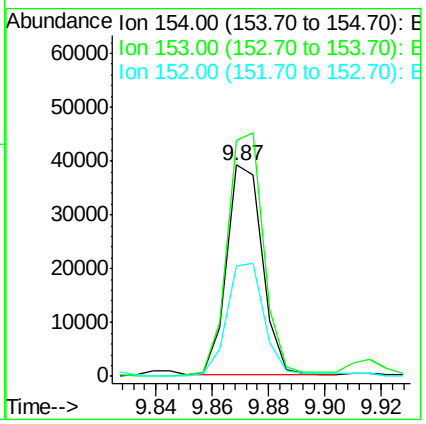


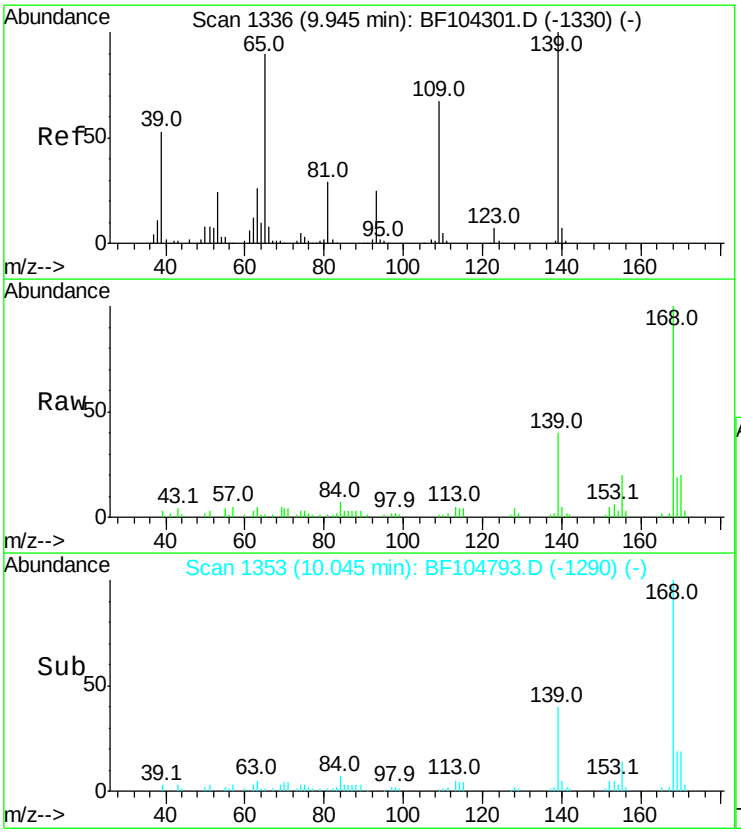
#51
Acenaphthene
Concen: 2.462 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 33942

Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.2	136.8
152	52.4	43.8	65.8

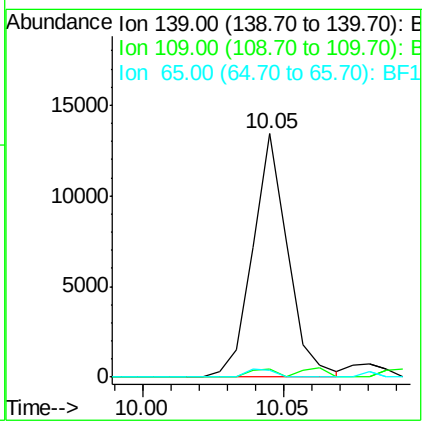


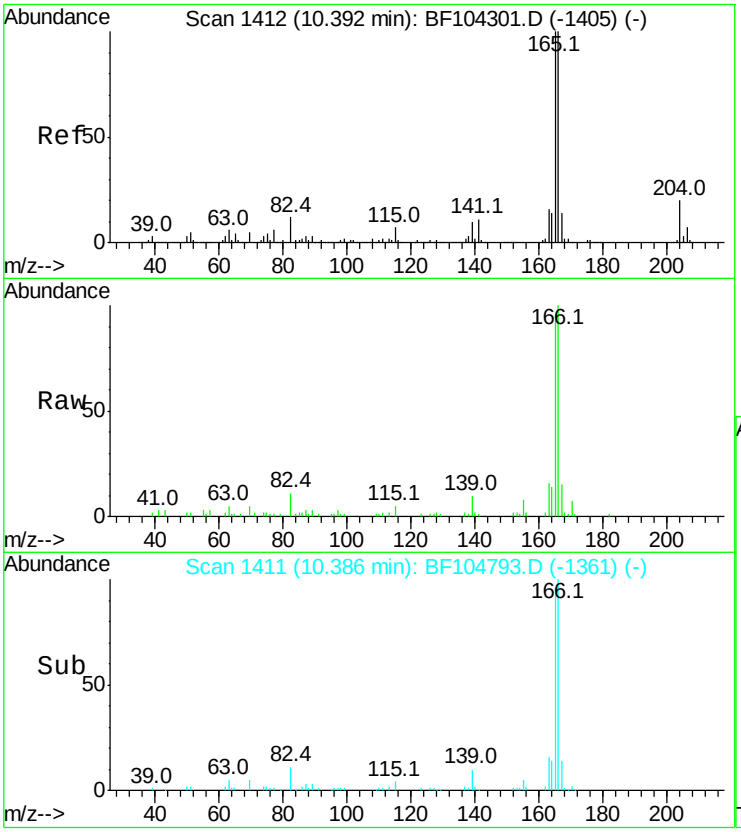


#55
4-Nitrophenol
Concen: 3.959 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.07 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:139 Resp: 11532

Ion	Ratio	Lower	Upper
139	100		
109	3.5	48.4	88.4#
65	2.8	72.6	112.6#



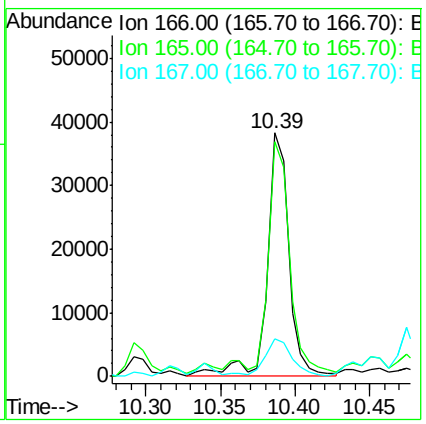


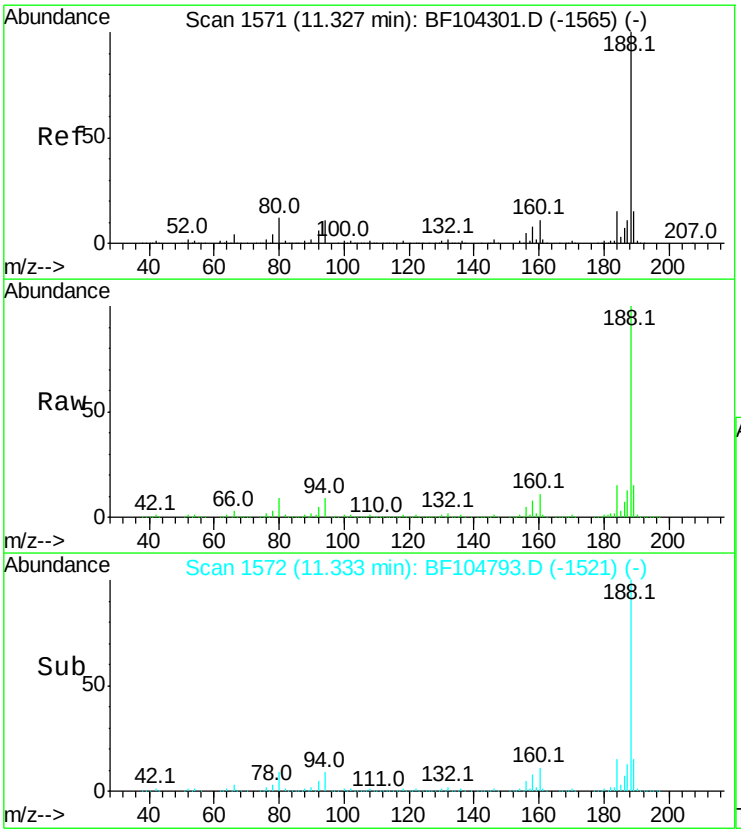
#57
Fluorene
Concen: 2.761 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 38614

Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.8	119.8
167	15.2	10.6	16.0

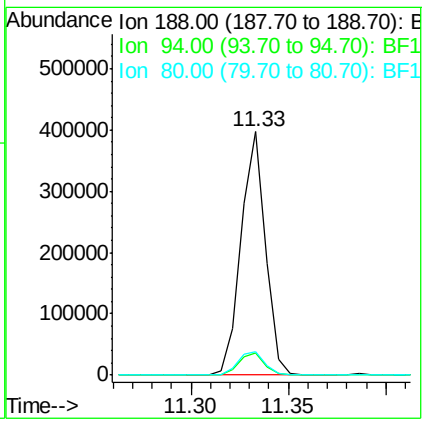


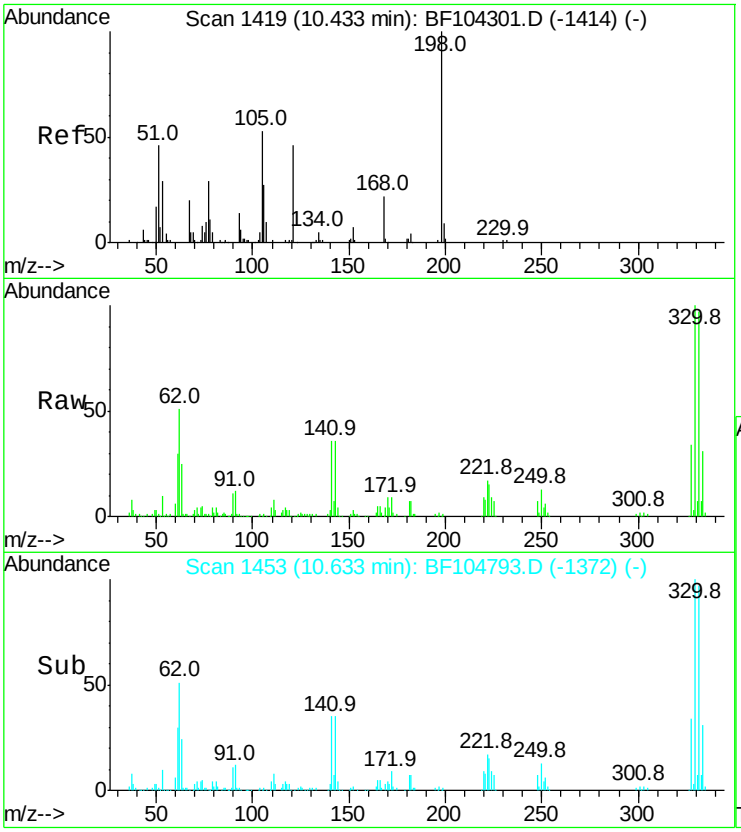


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:188 Resp: 344260

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.4	9.2	13.8



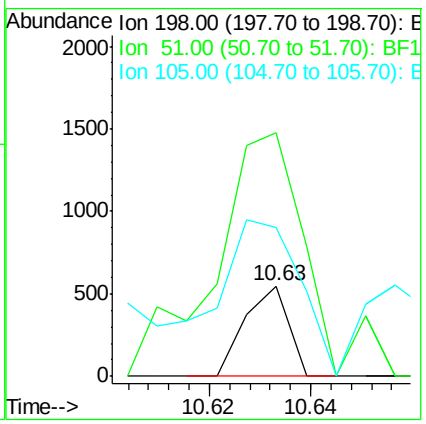


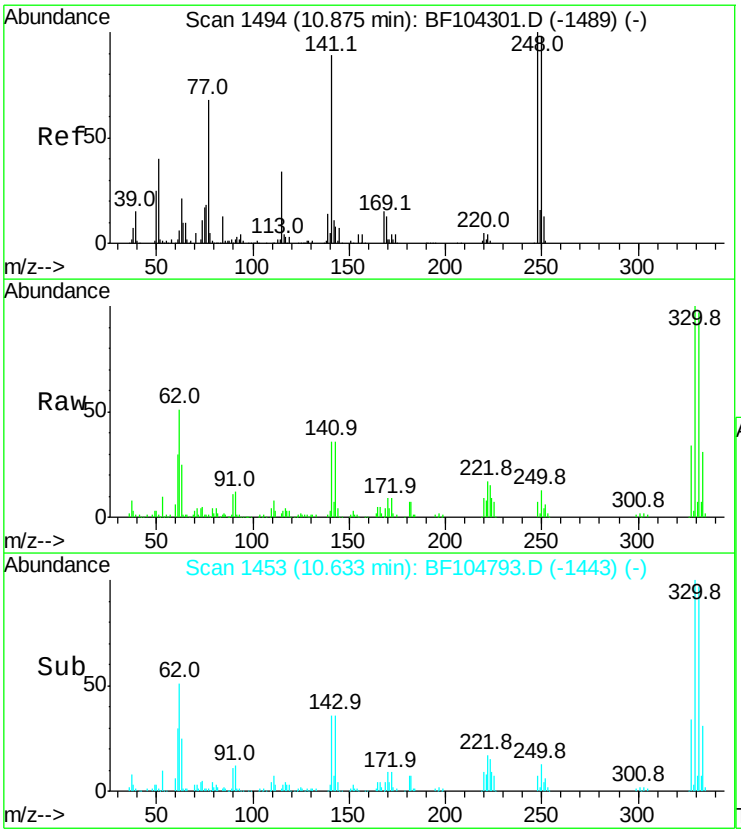
#64
4,6-Dinitro-2-methylphenol
Concen: 7.512 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 326

Ion	Ratio	Lower	Upper
198	100		
51	269.3	37.7	77.7#
105	164.2	36.3	76.3#

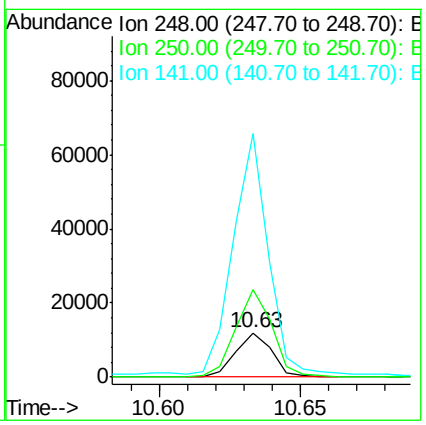


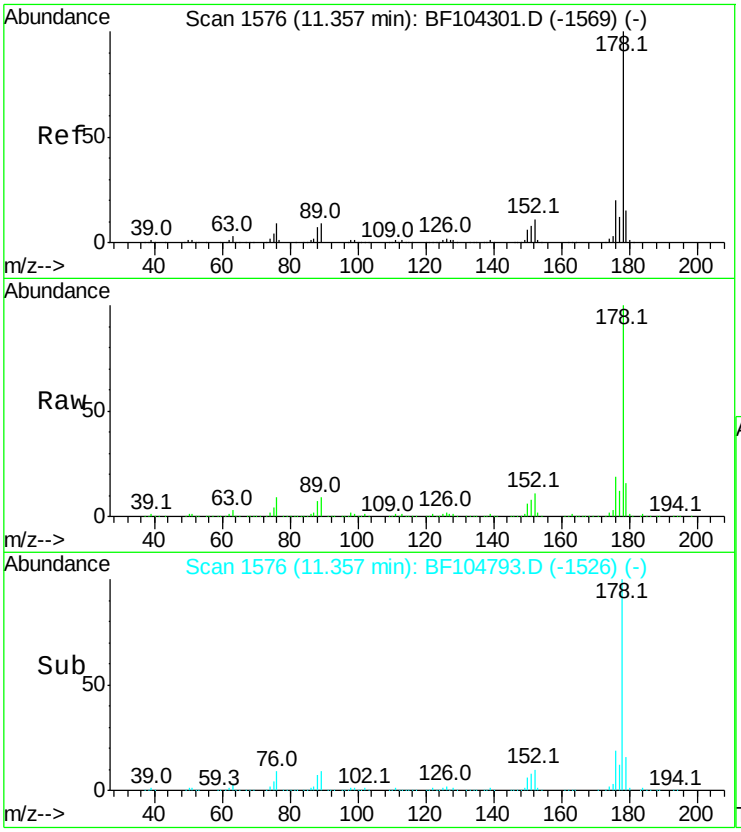


#66
4-Bromophenyl-phenylether
Concen: 2.883 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:248 Resp: 10557

Ion	Ratio	Lower	Upper
248	100		
250	196.8	76.9	115.3#
141	550.7	74.4	111.6#



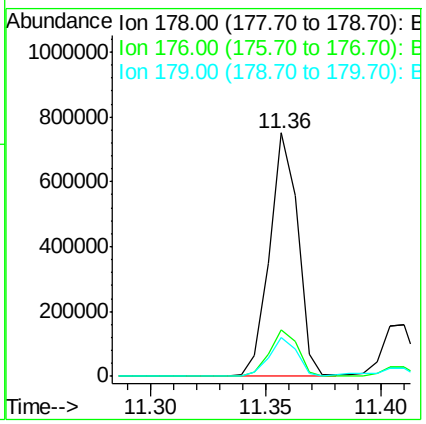


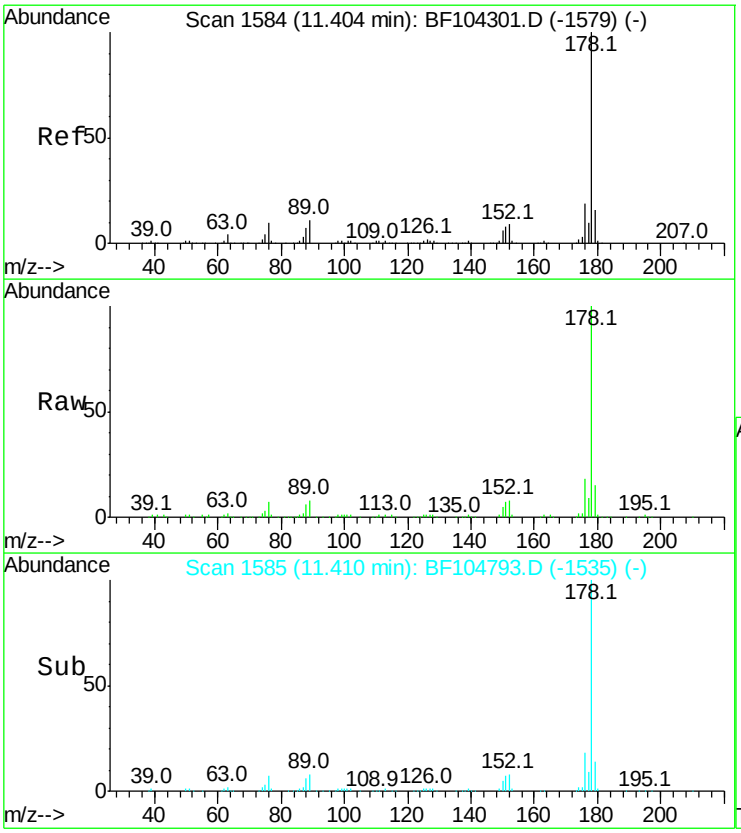
#70
Phenanthrene
Concen: 33.270 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 637835

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.8	13.0	19.6

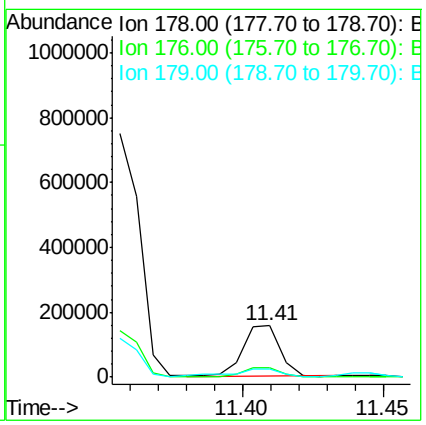


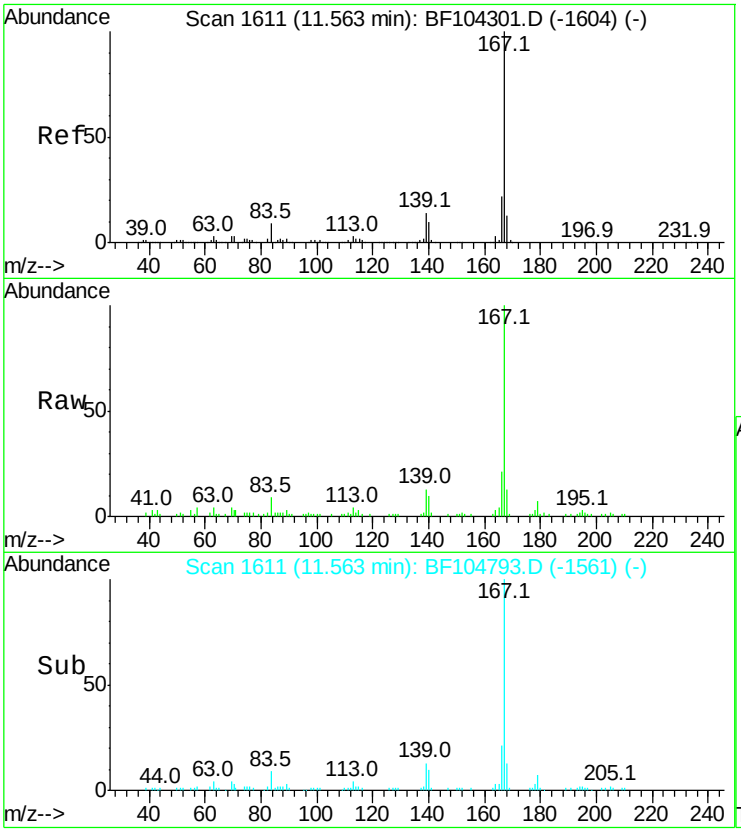


#71
Anthracene
Concen: 7.275 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:178 Resp: 141772

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	14.7	12.6	19.0



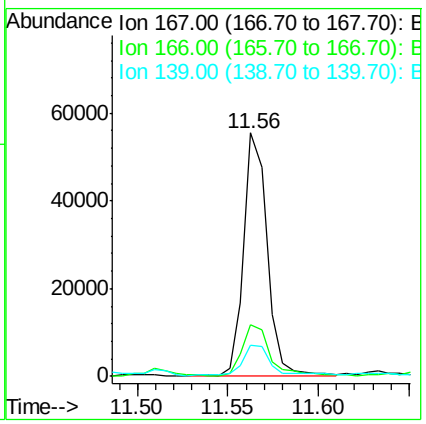


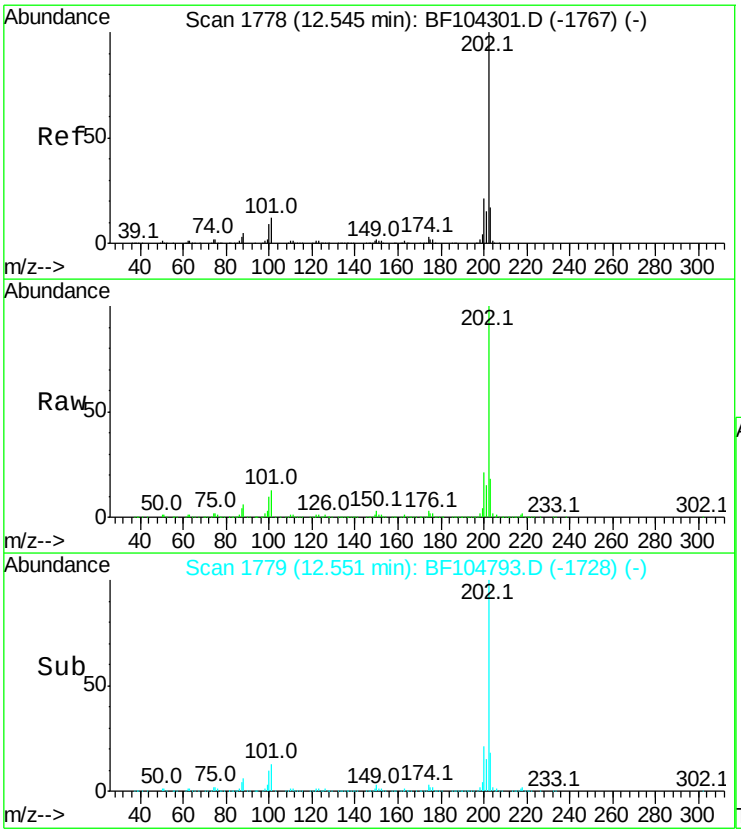
#72
Carbazole
Concen: 2.660 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 50648

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.6	26.4
139	12.9	10.9	16.3

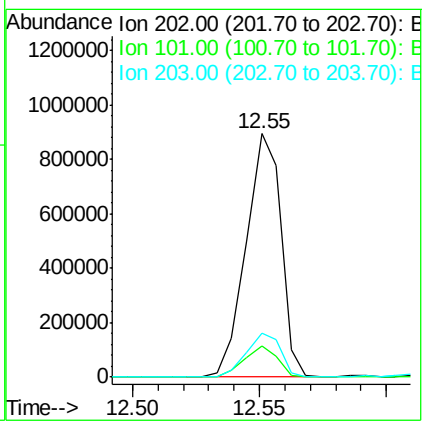


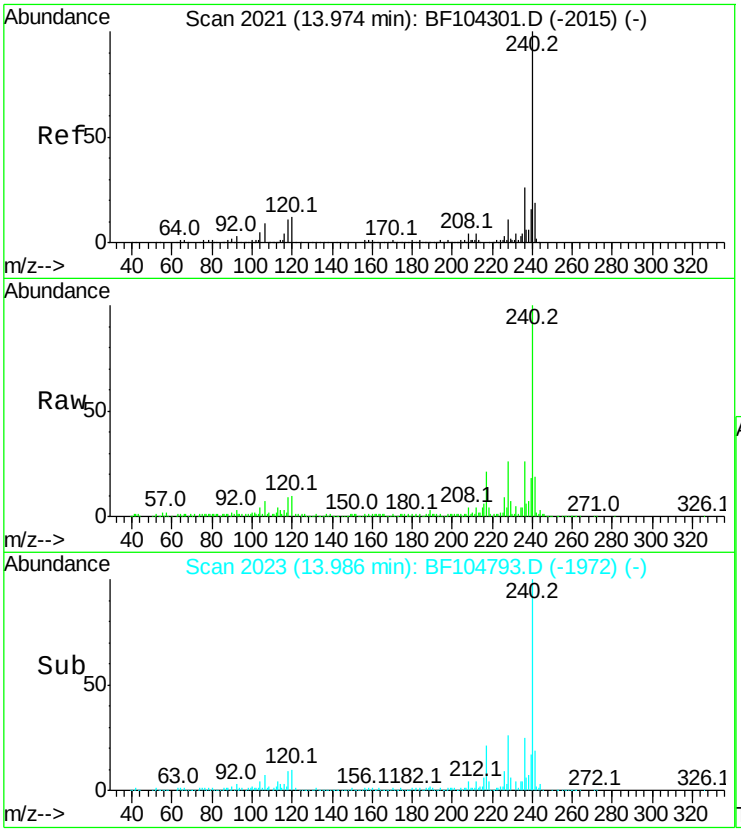


#74
Fluoranthene
Concen: 43.042 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:202 Resp: 862162

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	18.1	0.0	38.1



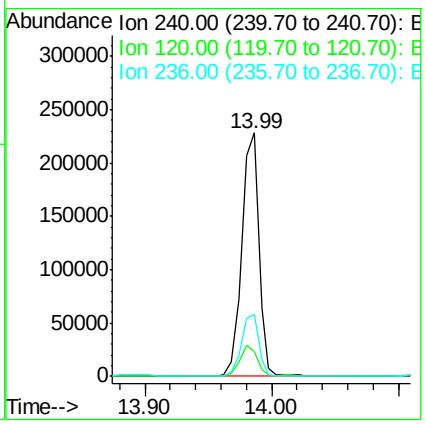


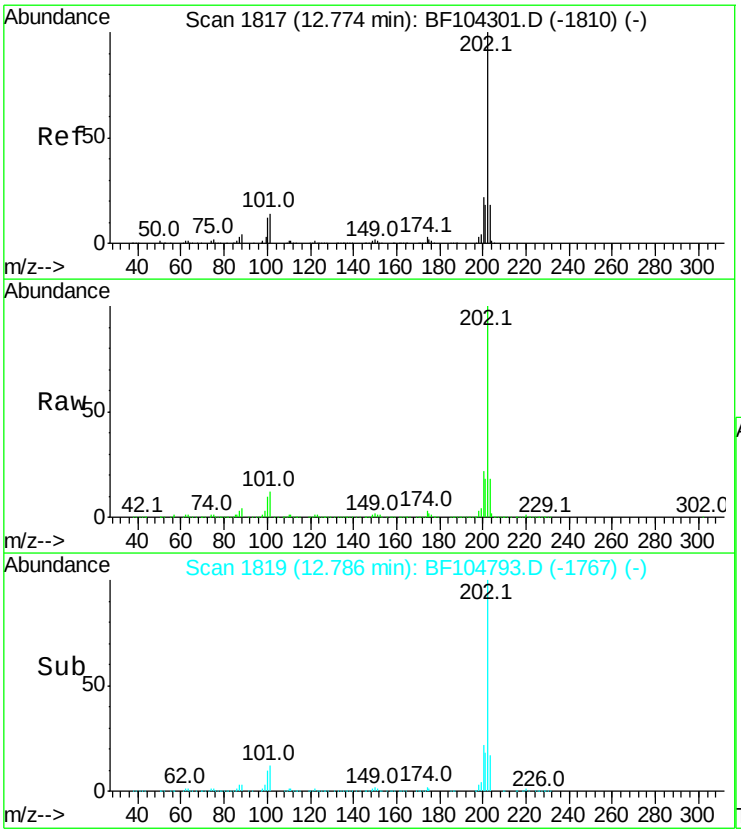
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 214333

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.6	20.7	31.1

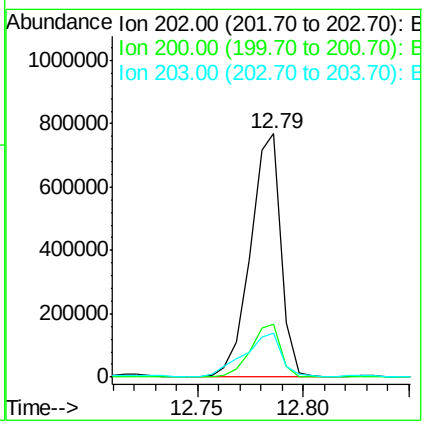


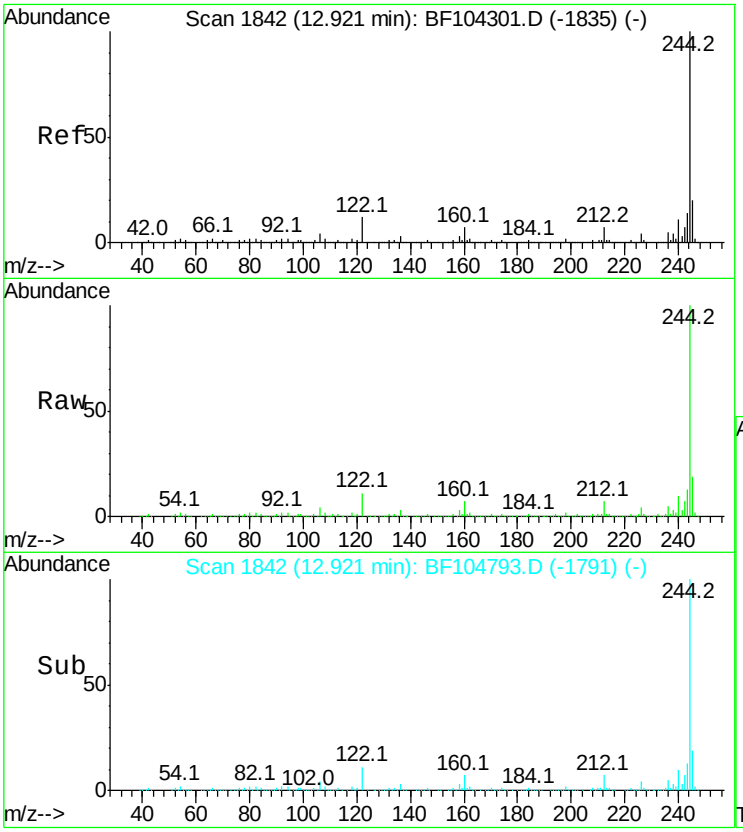


#77
Pyrene
Concen: 48.528 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:202 Resp: 770971

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.9	14.3	21.5



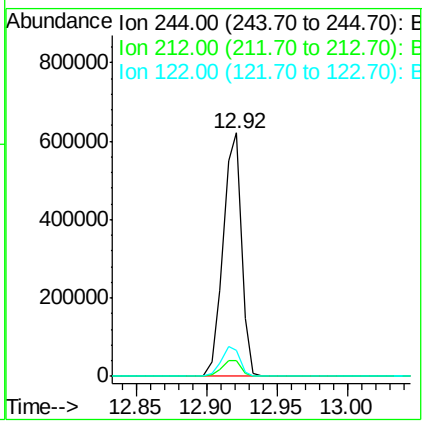


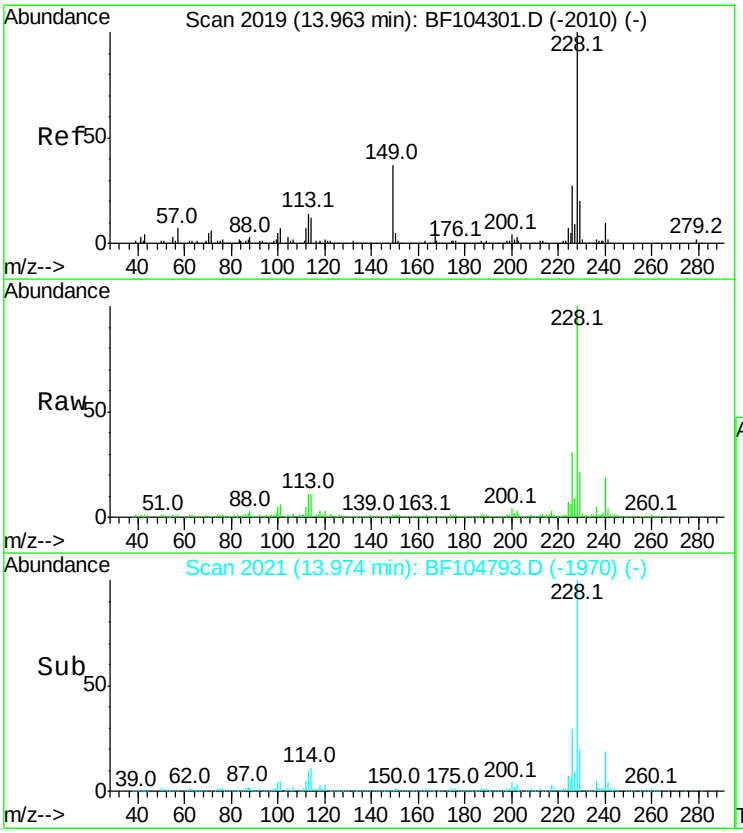
#78
Terphenyl-d14
Concen: 59.783 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 562041

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.9	11.0	16.4#

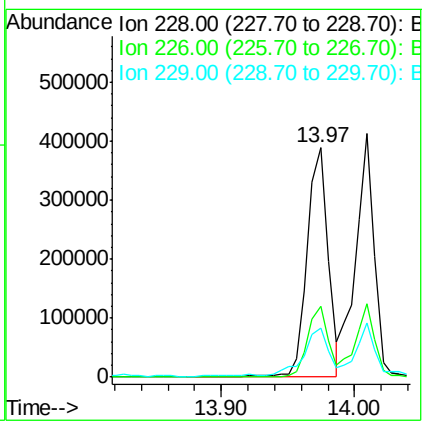


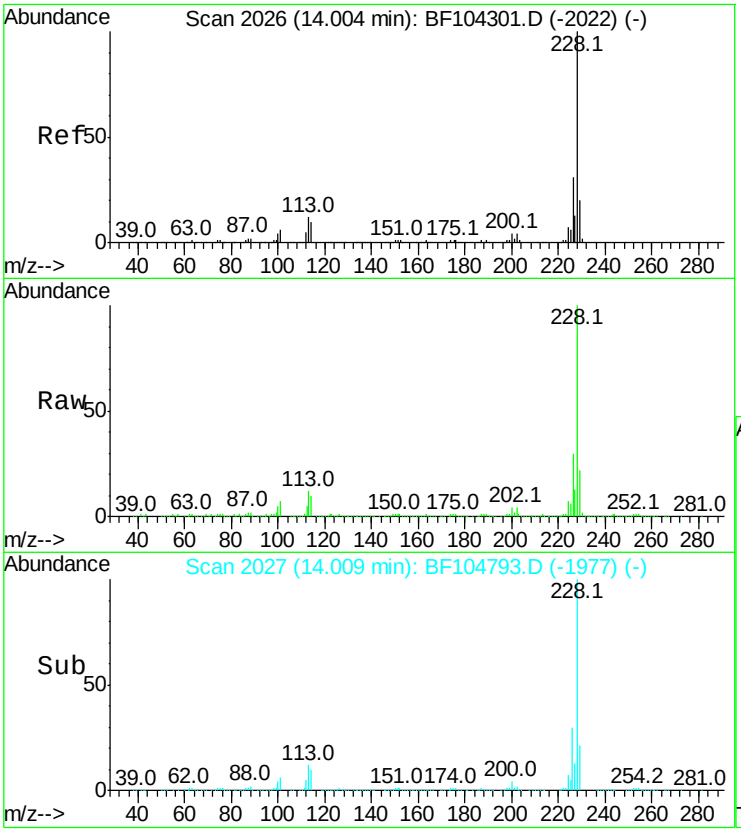


#80
Benzo(a)anthracene
Concen: 32.279 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:228 Resp: 413316

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	21.3	15.8	23.6



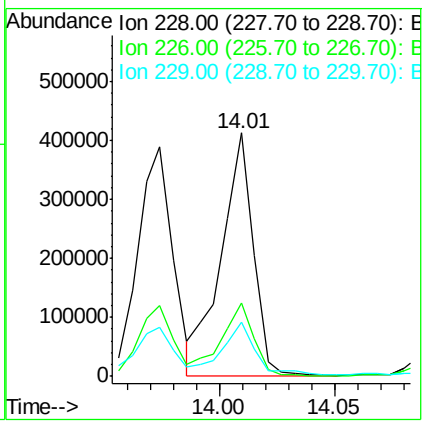


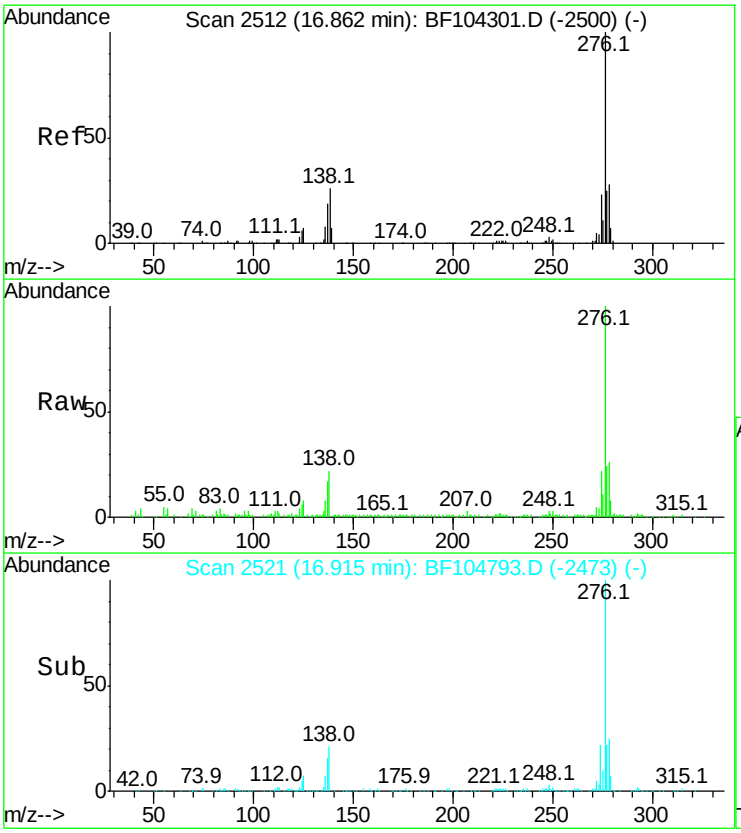
#82
Chrysene
Concen: 30.349 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 399155

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	22.1	16.2	24.4

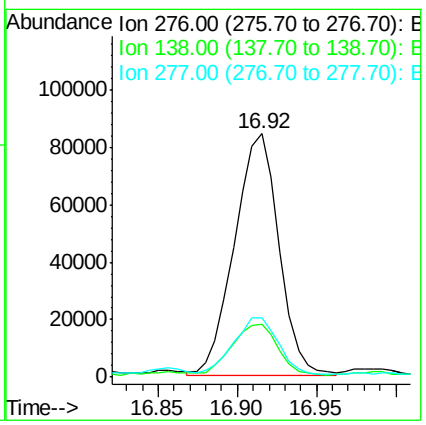


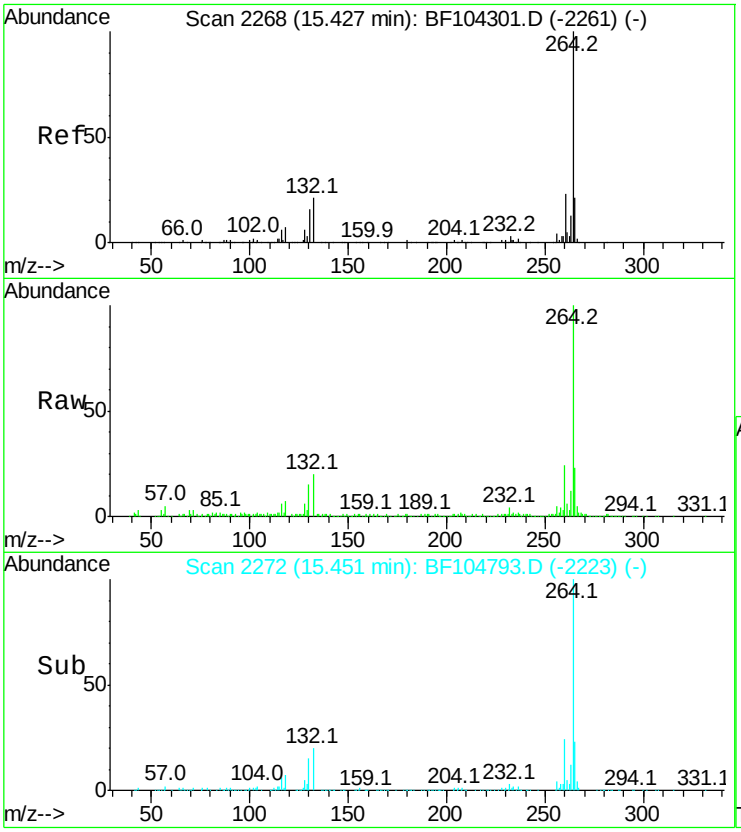


#85
Indeno(1,2,3-cd)pyrene
Concen: 14.660 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:276 Resp: 163785

Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	23.8	20.1	30.1



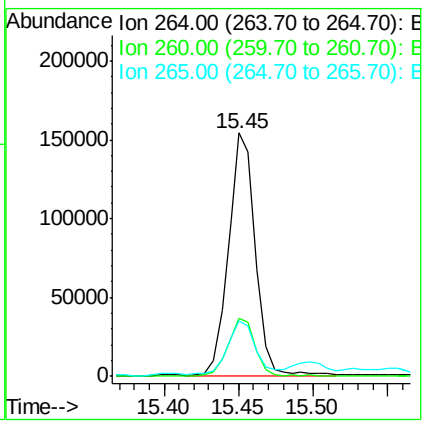


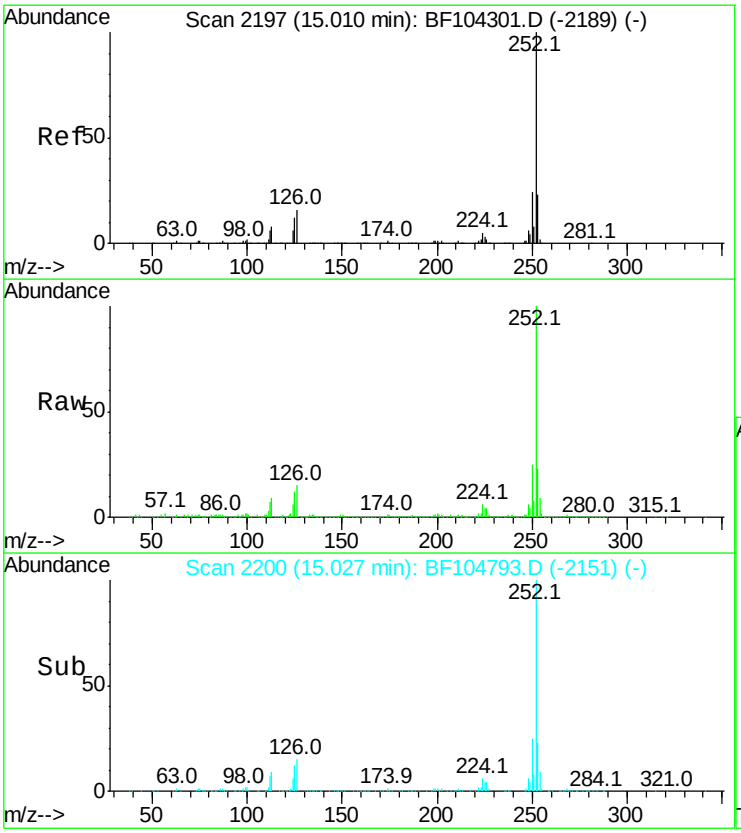
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 193421

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.9	17.5	26.3

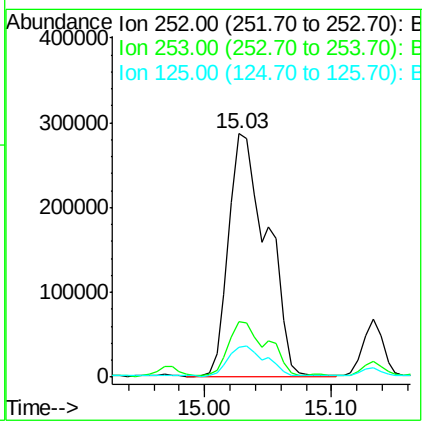


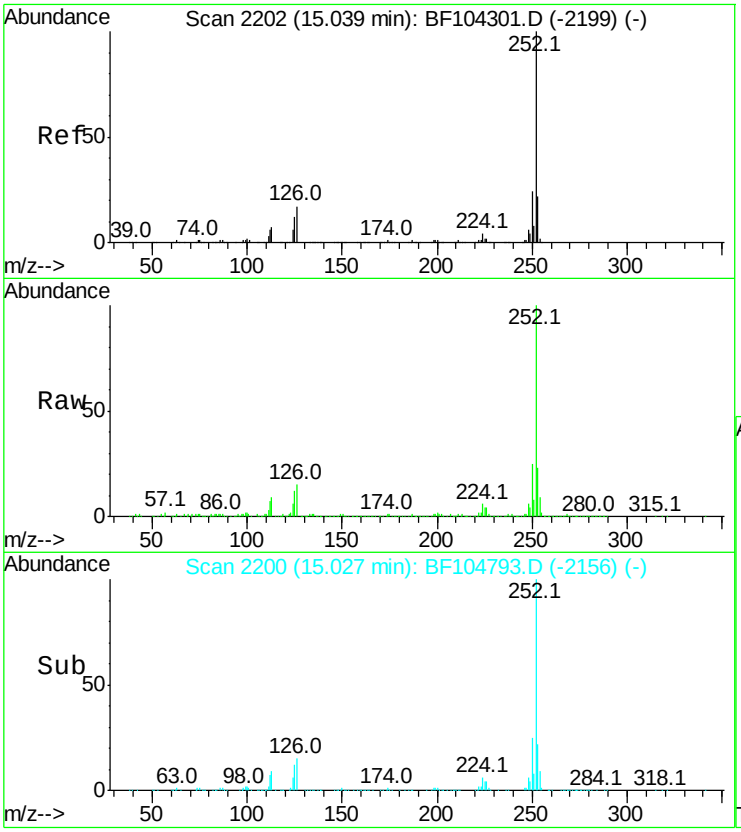


#87
Benzo(b)fluoranthene
Concen: 49.060 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:252 Resp: 599324

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.4	9.0	13.6



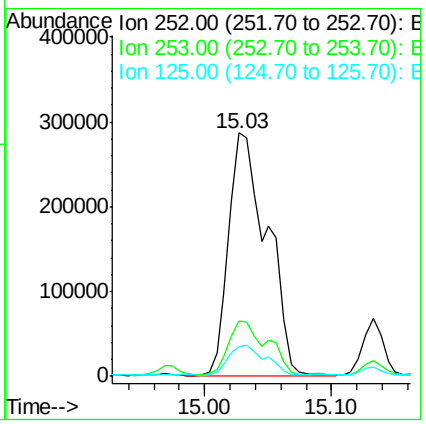


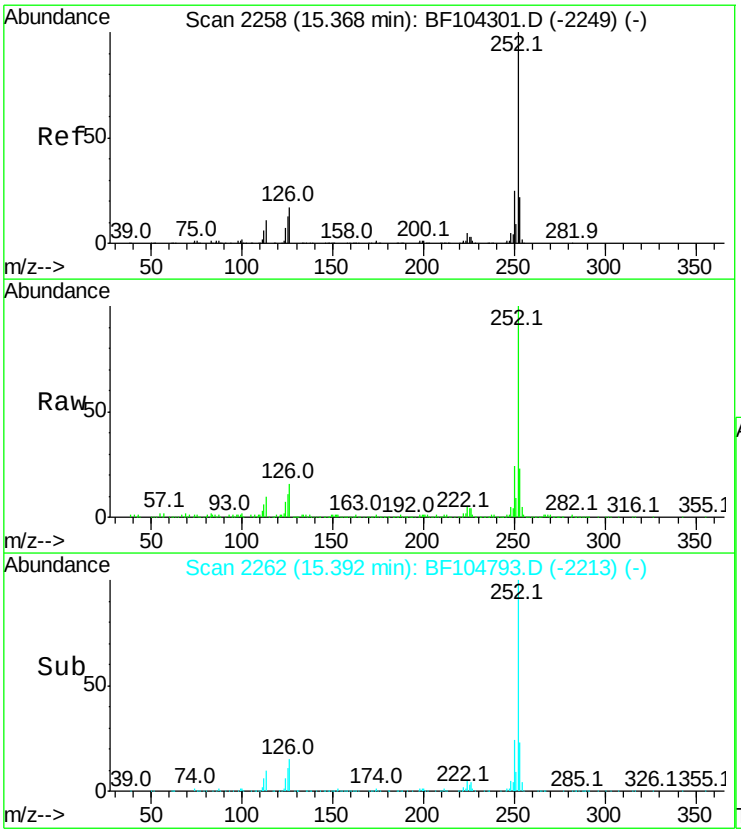
#88
Benzo(k)fluoranthene
Concen: 51.965 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 599324

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.4	10.2	15.2

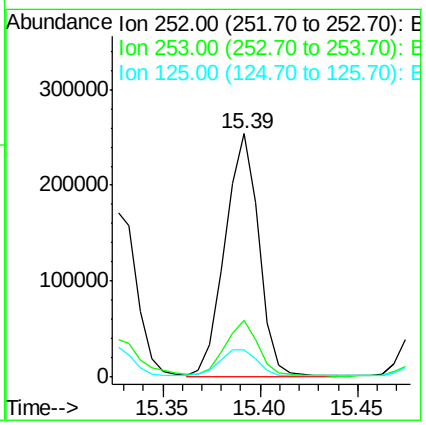


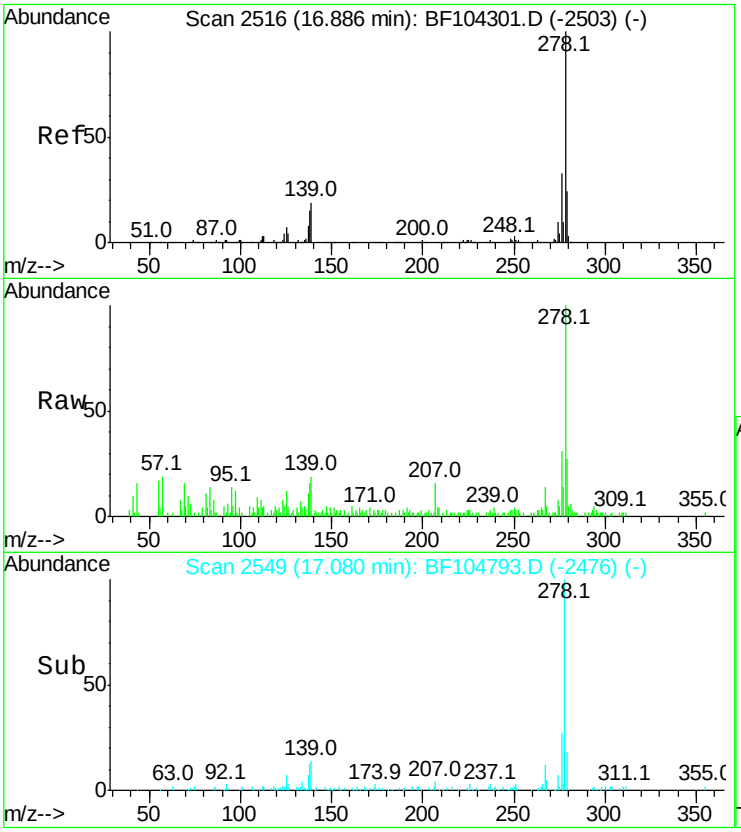


#89
Benzo(a)pyrene
Concen: 27.680 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:252 Resp: 302551

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.4	9.8	14.6



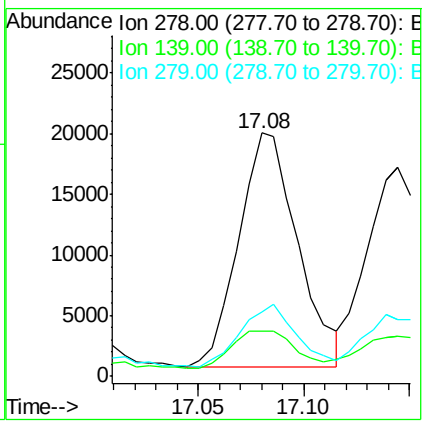


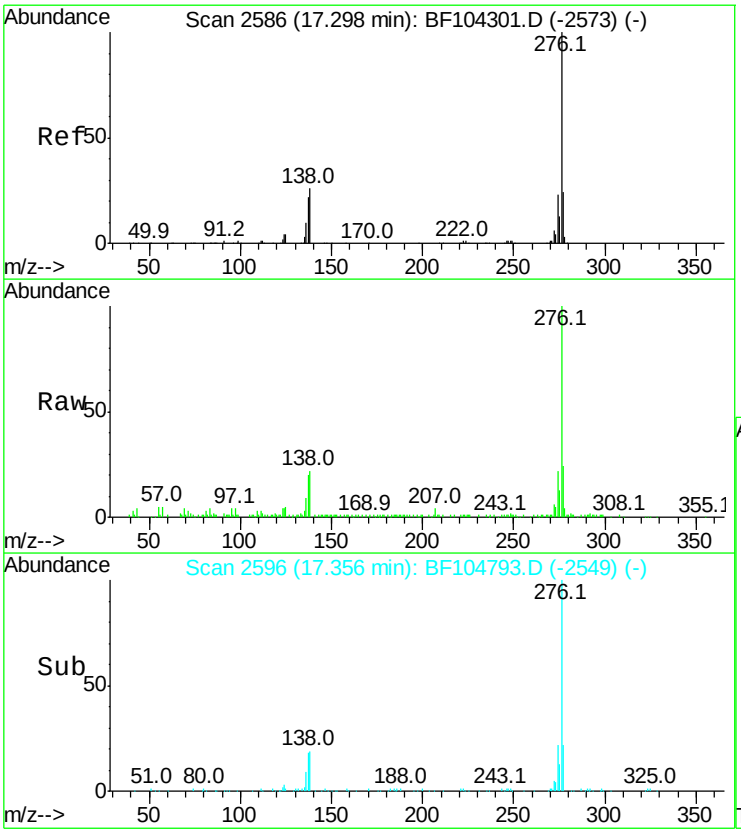
#90
Dibenzo(a,h)anthracene
Concen: 4.166 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.13 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 37396

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.9	23.9
279	26.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 16.500 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BF104793.D
Acq: 25 Apr 2018 17:13

Tgt Ion:276 Resp: 143510

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	22.1	21.8	32.8