Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104722.D
Acq On : 23 Apr 2018 20:55
Operator : JU/SJ
Sample : J2503-05RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 01:05:09 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	99682	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	379380	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	153778	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	263223	20.00	ng		0.00
75) Chrysene-d12	13.99	240	165402	20.00	ng		0.00
86) Perylene-d12	15.46	264	126018	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	610499	93.65	ng		0.02
7) Phenol-d6	6.45	99	716638	89.47	ng		0.00
23) Nitrobenzene-d5	7.37	82	384221	66.13	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	142351	89.24	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	630909	64.81	ng		0.00
78) Terphenyl-d14	12.93	244	491466	67.74	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	590	Below Cal			90
19) n-Nitroso-di-n-propylamine	7.37	70	49023	9.366	ng	#	71
25) Isophorone	7.37	82	384218	31.273	ng	#	64
49) Dimethylphthalate	9.56	163	55156	4.548	ng		99
50) 2,6-Dinitrotoluene	9.85	165	19569	8.721	ng	#	26
51) Acenaphthene	9.88	154	20137	2.062	ng		97
55) 4-Nitrophenol	10.05	139	5928	2.873	ng	#	11
56) 2,4-Dinitrotoluene	9.85	165	19569	6.649	ng	#	23
57) Fluorene	10.40	166	29842	3.012	ng		99
64) 4,6-Dinitro-2-methylphenol	10.64	198	261	7.519	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	8622	3.079	ng	#	1
70) Phenanthrene	11.36	178	548551	37.422	ng		98
71) Anthracene	11.42	178	146995	9.865	ng		99
72) Carbazole	11.57	167	74904	5.144	ng		99
74) Fluoranthene	12.56	202	962328	62.833	ng		98
76) Benzidine	12.93	184	6958	Below Cal		#	84
77) Pyrene	12.79	202	828522	67.578	ng		100
80) Benzo(a)anthracene	13.98	228	412518	41.747	ng		99
82) Chrysene	14.02	228	344115	33.904	ng		97
85) Indeno(1,2,3-cd)pyrene	16.77	276	26769	3.105	ng		96
87) Benzo(b)fluoranthene	15.04	252	493640	62.022	ng		95
88) Benzo(k)fluoranthene	15.04	252	493640	65.695	ng		98
89) Benzo(a)pyrene	15.40	252	245224	34.435	ng		96
90) Dibenzo(a,h)anthracene	16.94	278	35220	6.022	ng	#	89
91) Benzo(g,h,i)perylene	17.38	276	130548	23.038	ng		96

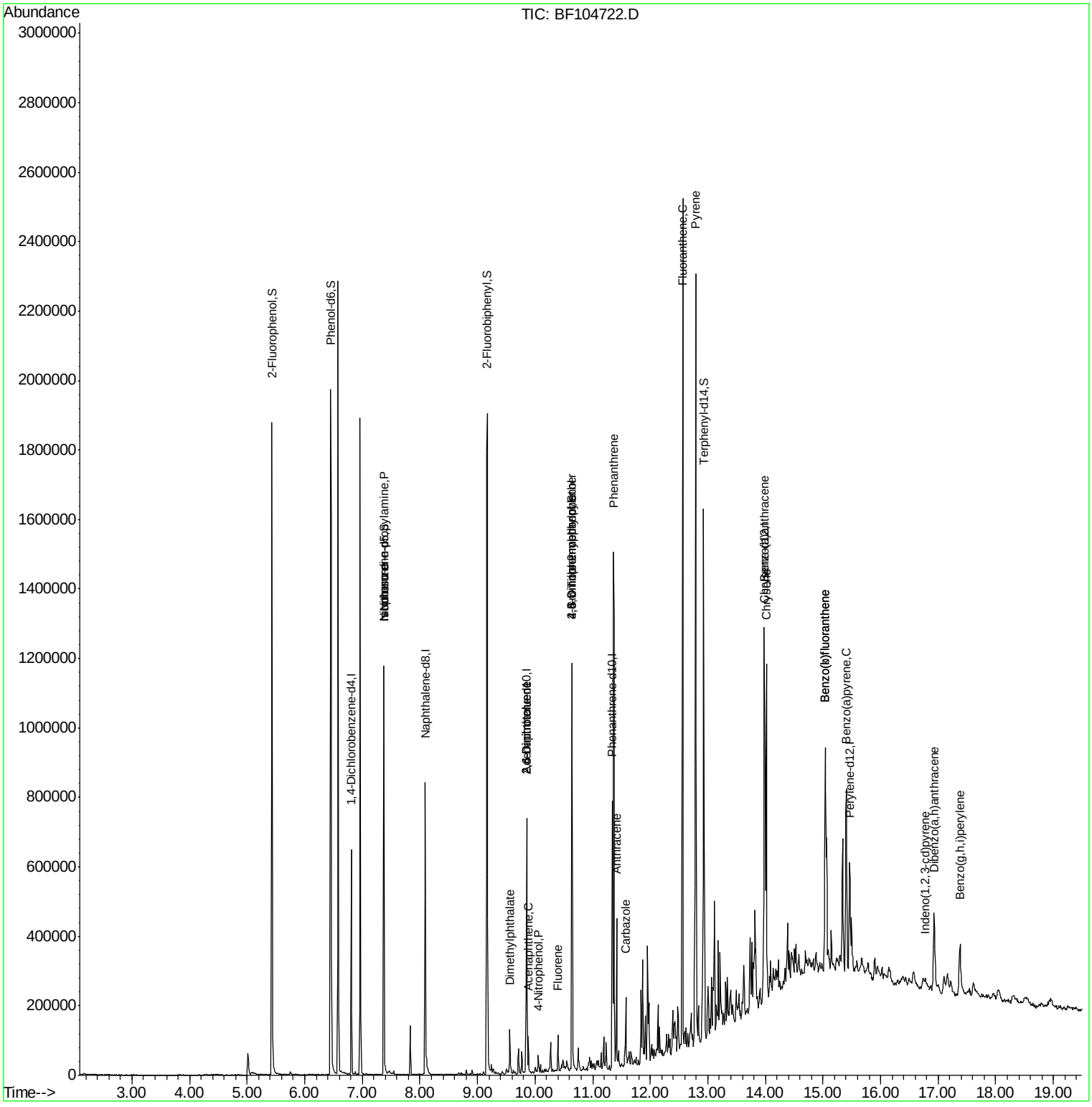
(#) = qualifier out of range (m) = manual integration (+) = signals summed

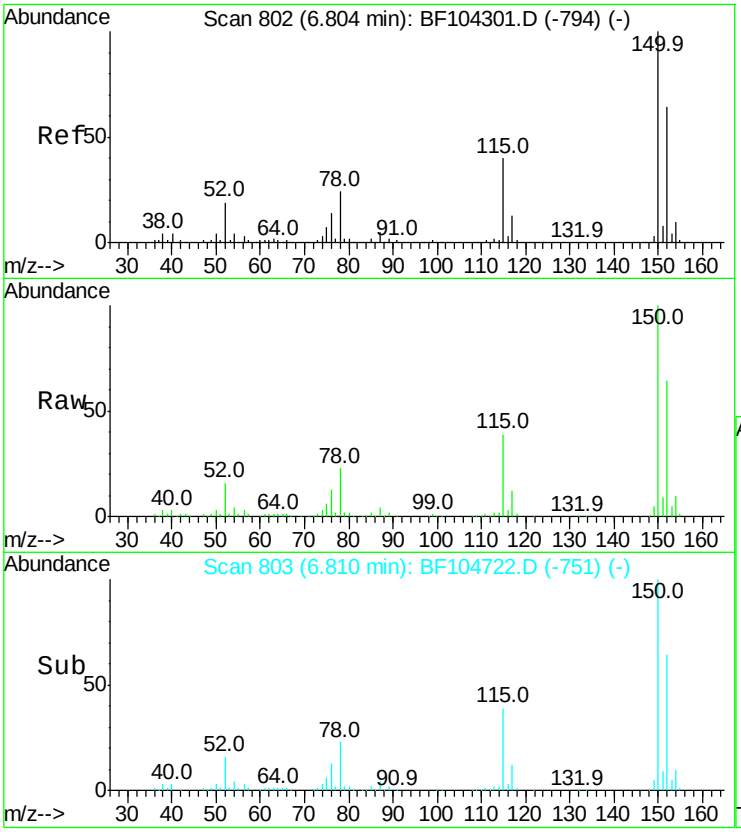
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104722.D
Acq On : 23 Apr 2018 20:55
Operator : JU/SJ
Sample : J2503-05RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 24 01:05:09 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



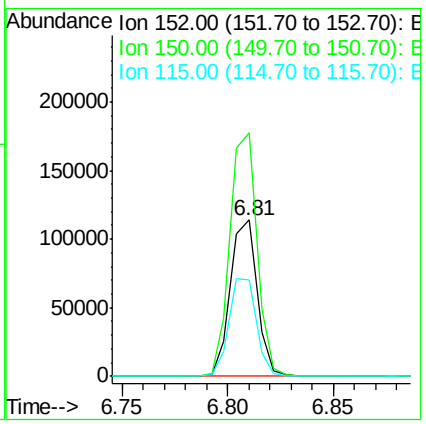


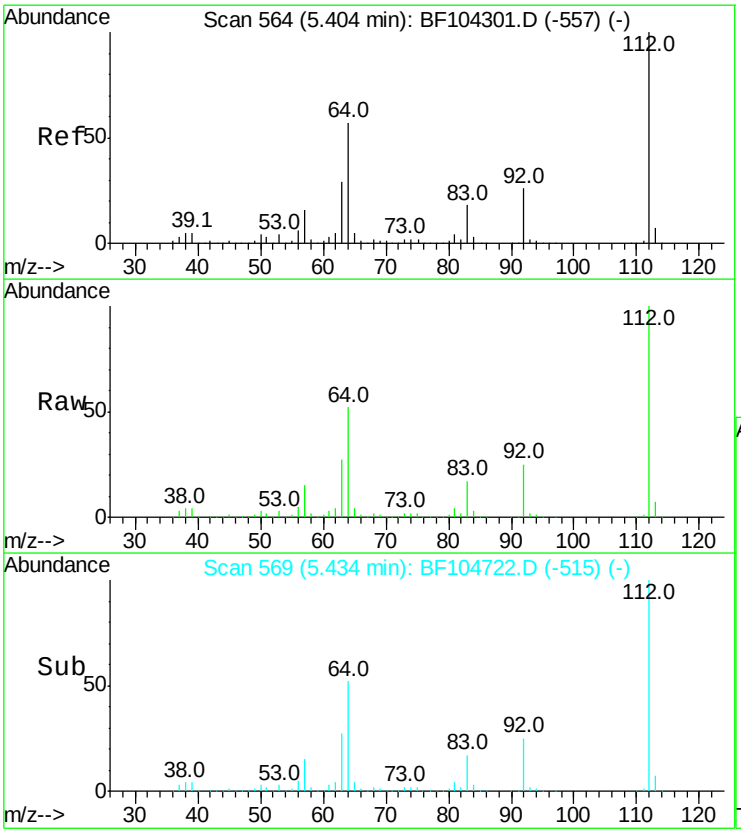
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 99682

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	61.3	50.1	75.1

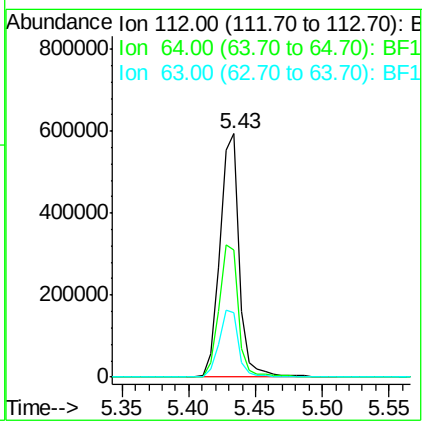


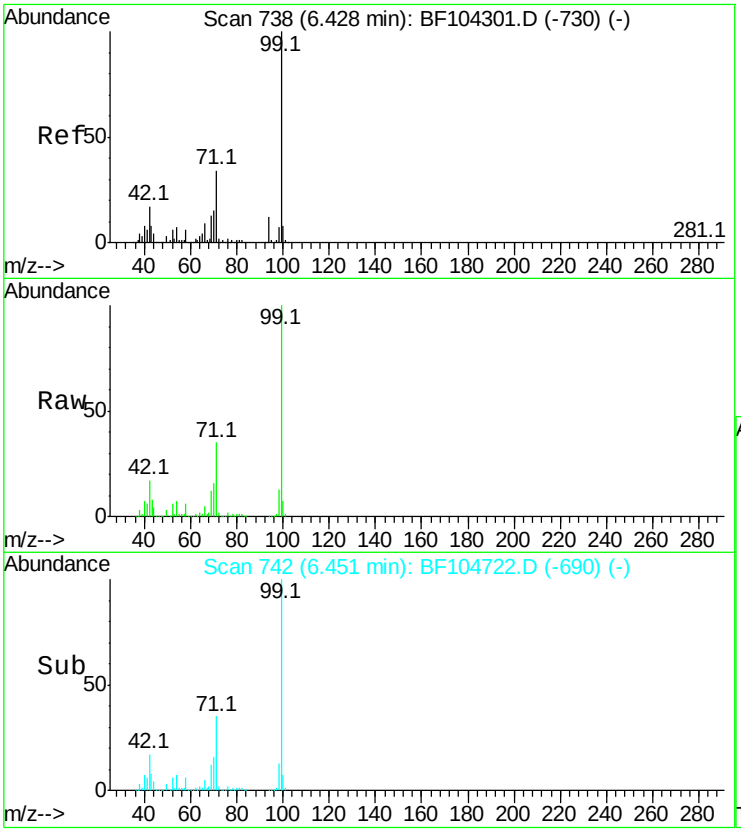


#5
2-Fluorophenol
Concen: 93.647 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:112 Resp: 610499

Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.9	71.9
63	26.7	23.7	35.5



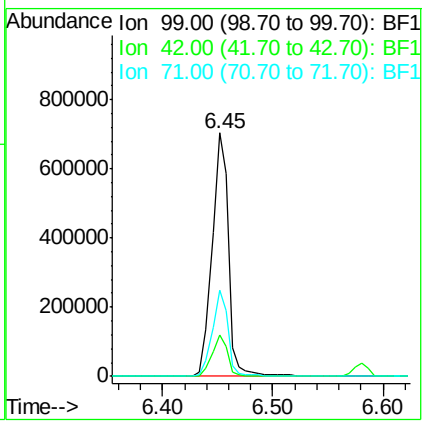


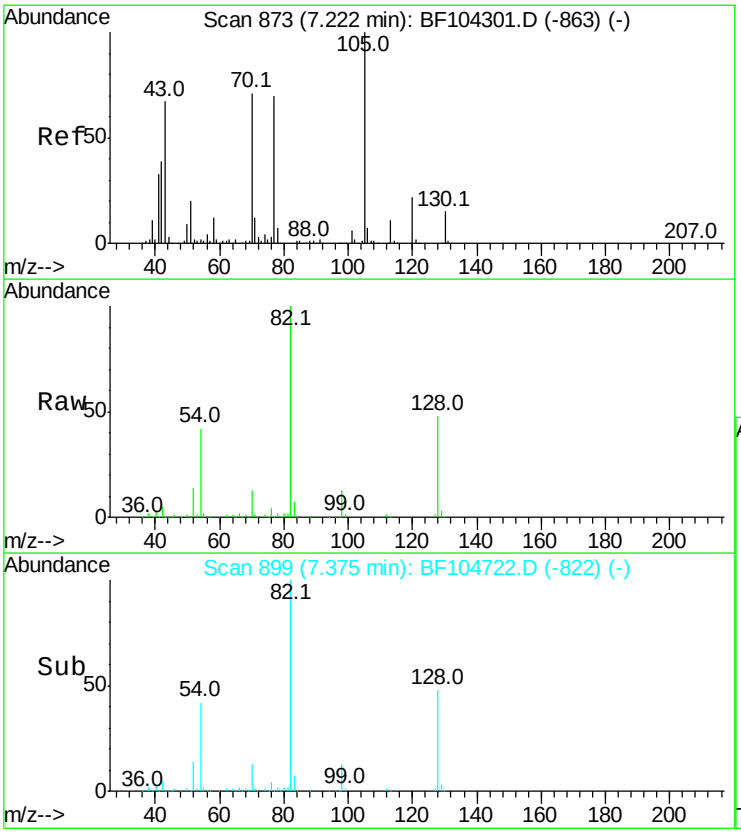
#7
Phenol-d6
Concen: 89.468 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 716638

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.5	21.7
71	35.4	25.4	38.0

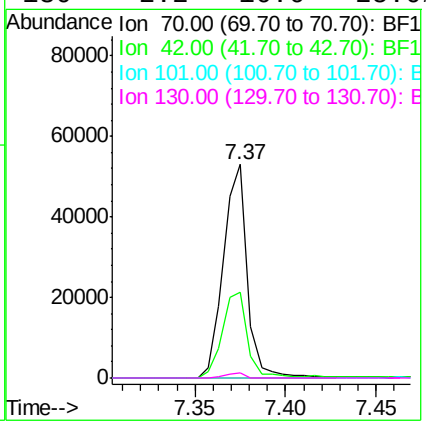


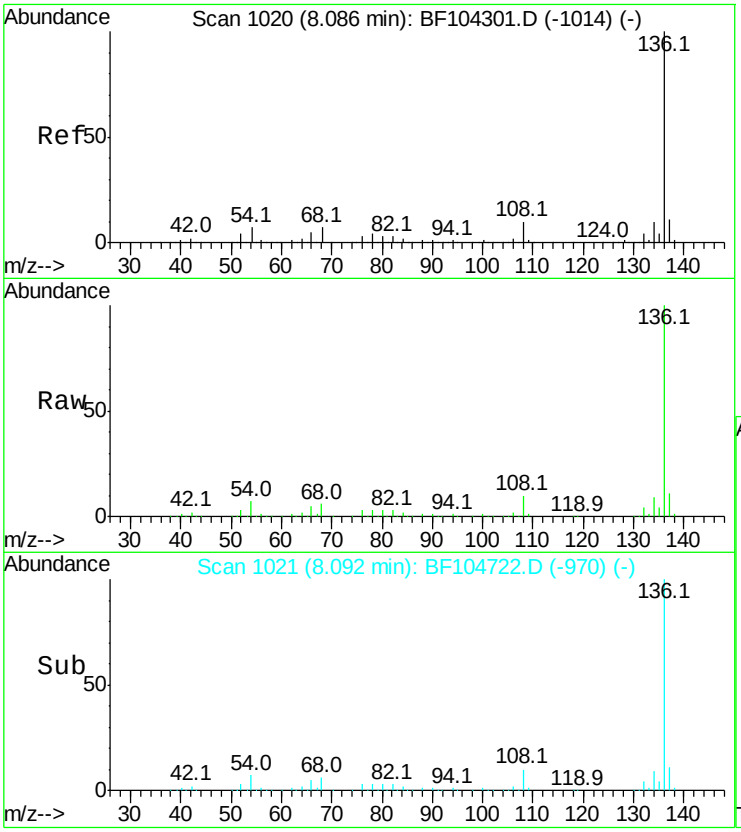


#19
n-Nitroso-di-n-propylamine
Concen: 9.366 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion: 70 Resp: 49023

Ion	Ratio	Lower	Upper
70	100		
42	40.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



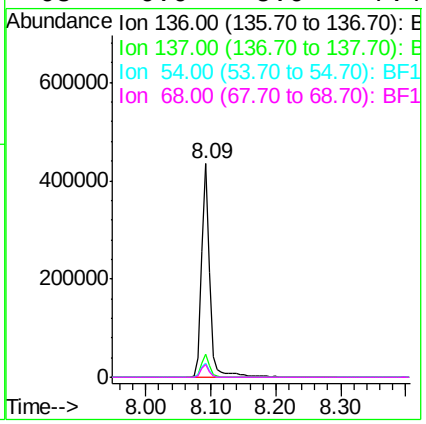


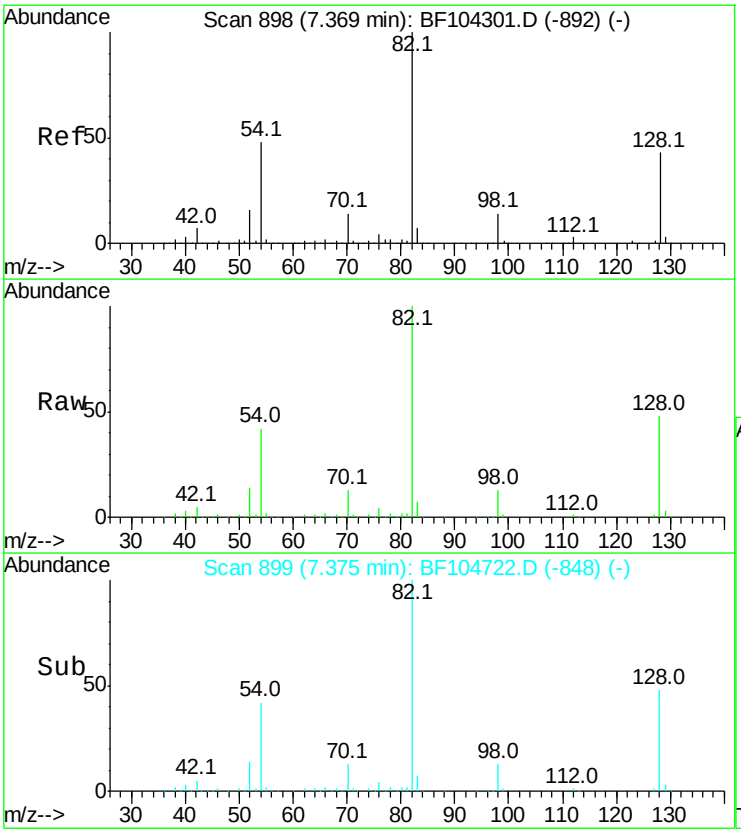
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 379380

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	6.0	5.0	7.4

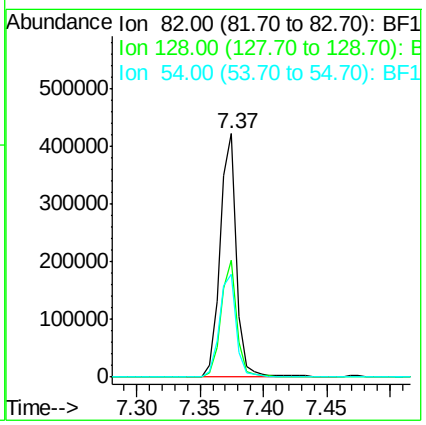


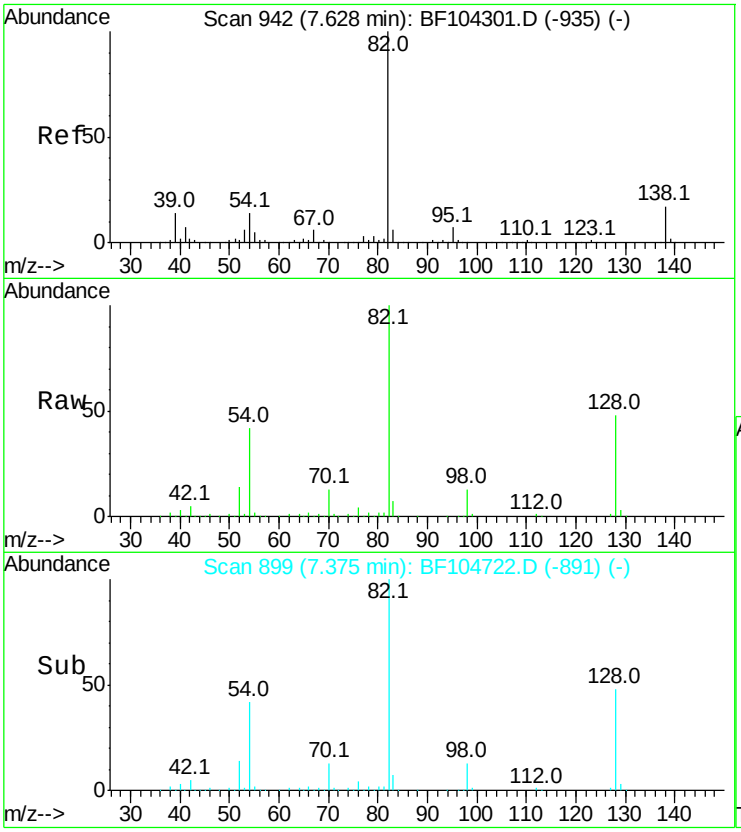


#23
Nitrobenzene-d5
Concen: 66.131 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion: 82 Resp: 384221

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	42.5	41.4	62.2



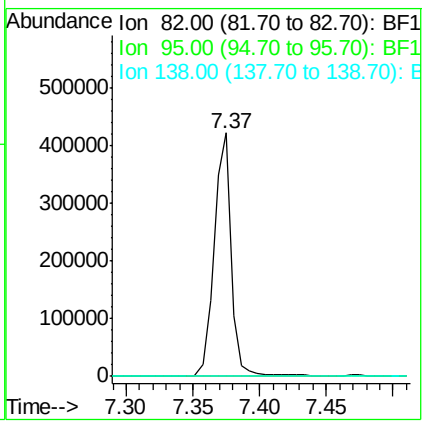


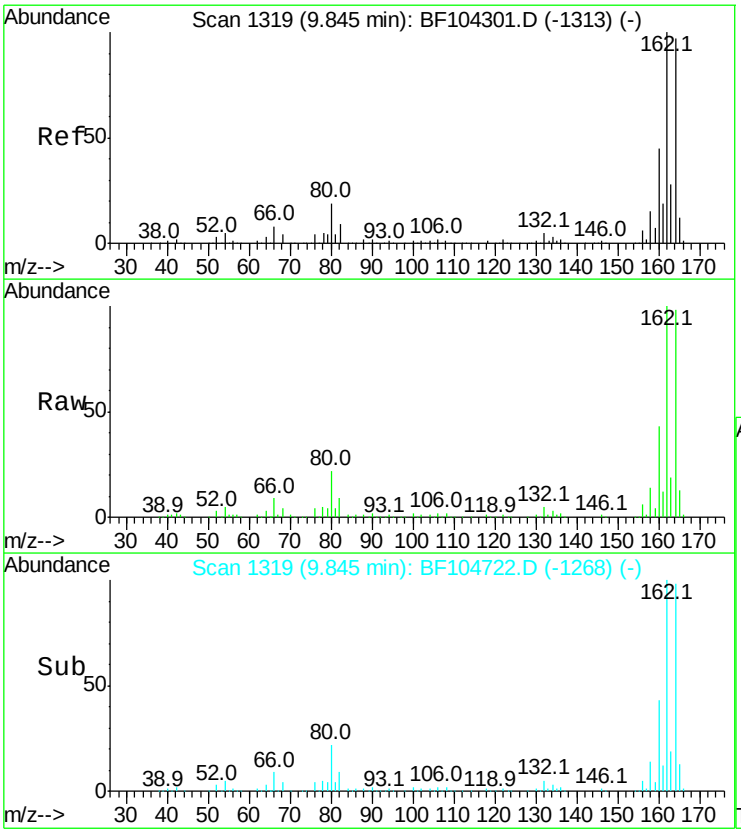
#25
Isophorone
Concen: 31.273 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 384218

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

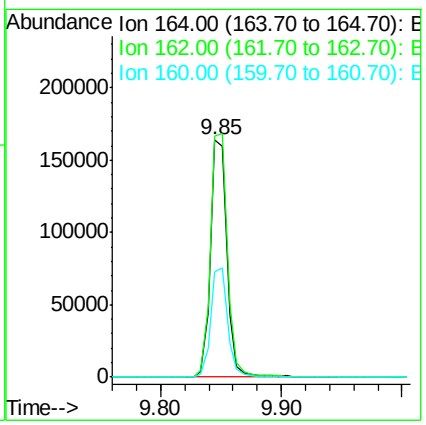


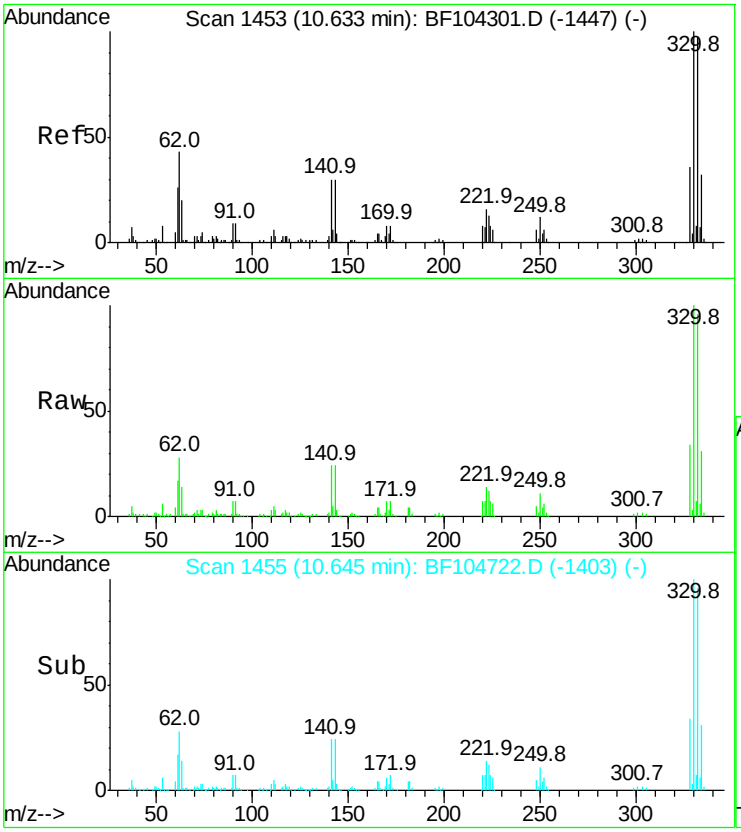


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:164 Resp: 153778

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	44.3	38.3	57.5



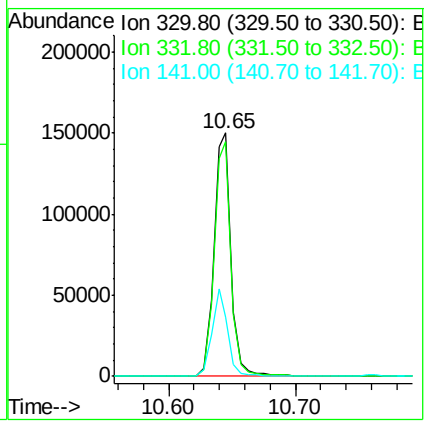


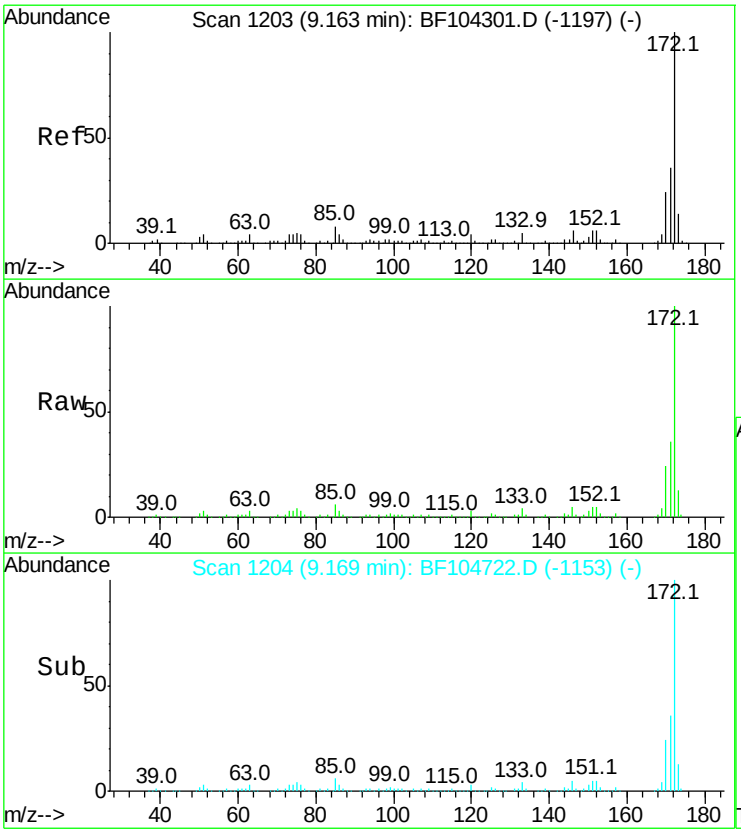
#41
2,4,6-Tribromophenol
Concen: 89.238 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 142351

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	33.2	29.9	44.9

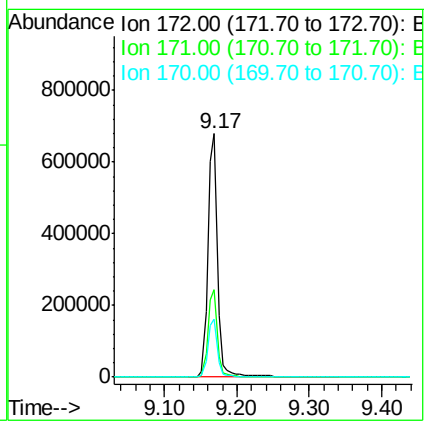


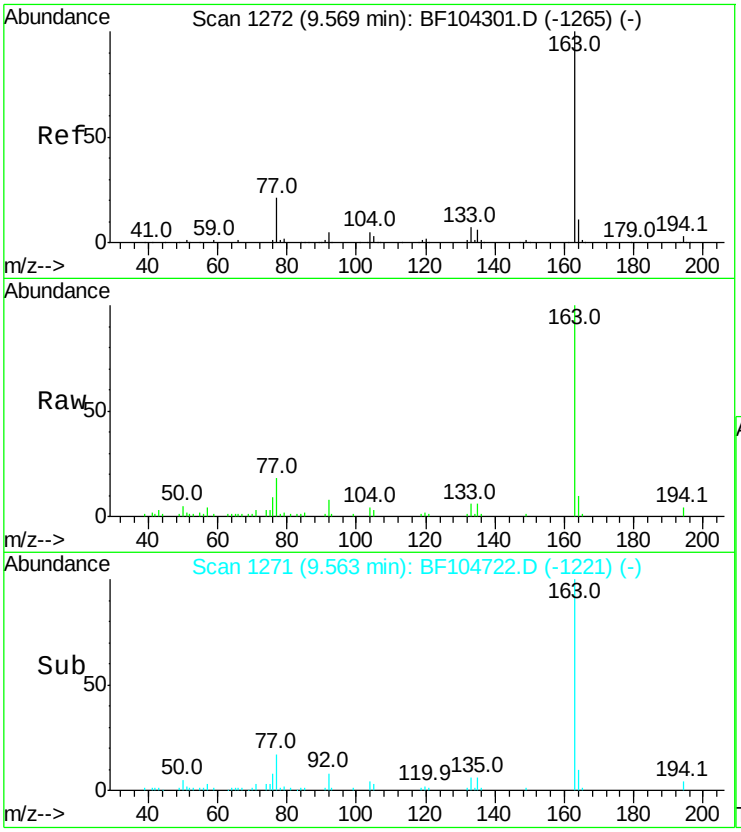


#44
2-Fluorobiphenyl
Concen: 64.813 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:172 Resp: 630909

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4

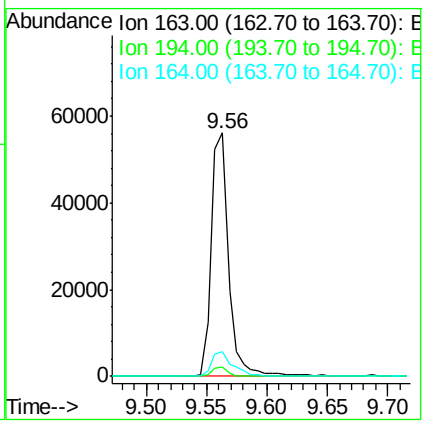




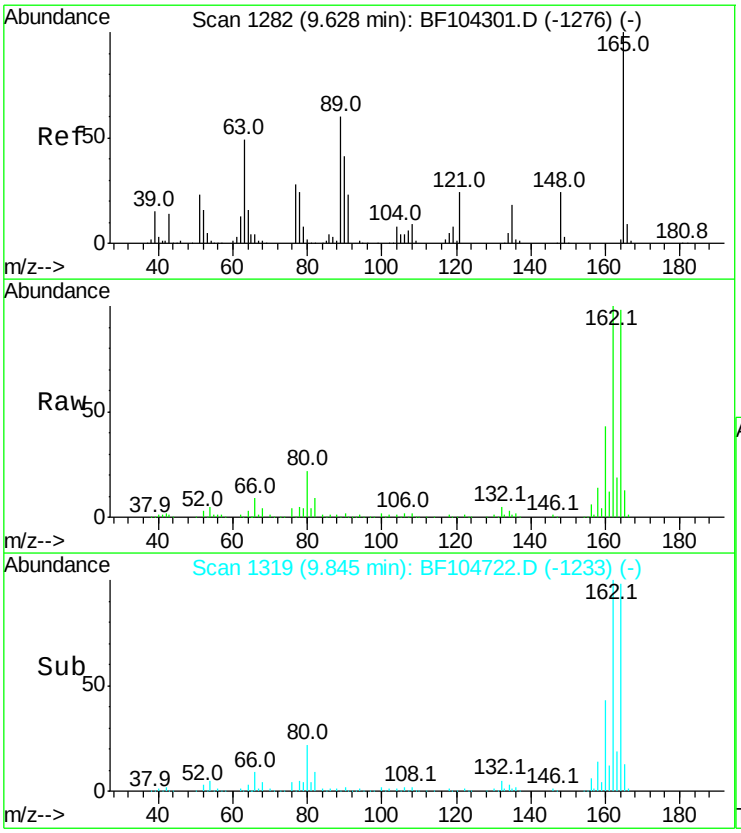
#49
Dimethylphthalate
Concen: 4.548 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:163 Resp: 55156

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2



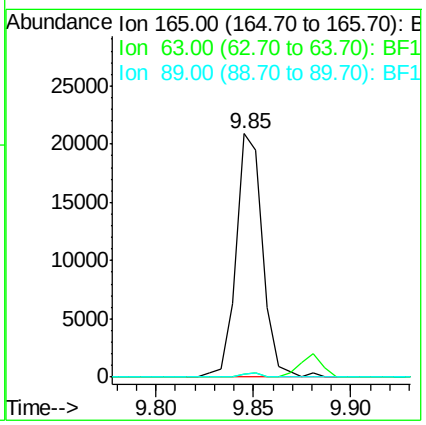
Instrument :
BNA_F
ClientSampleId :

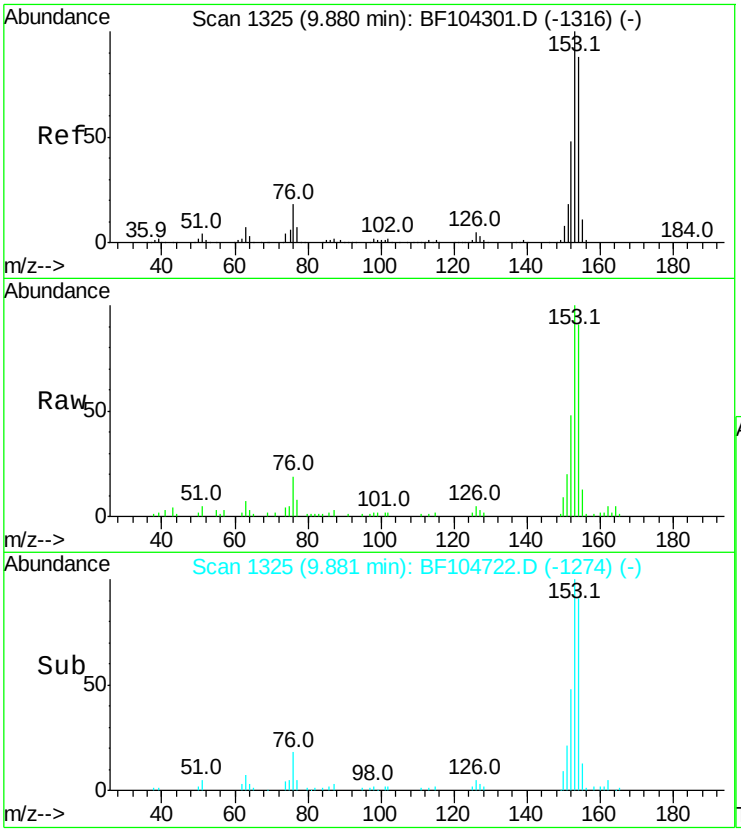


#50
2,6-Dinitrotoluene
Concen: 8.721 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:165 Resp: 19569

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



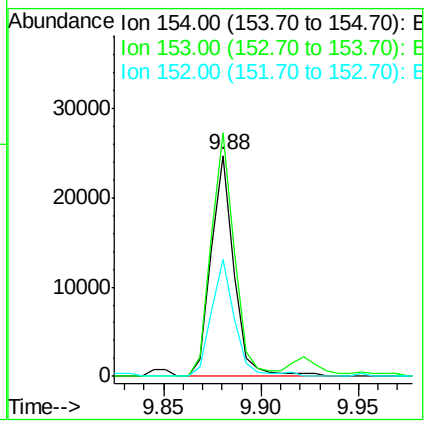


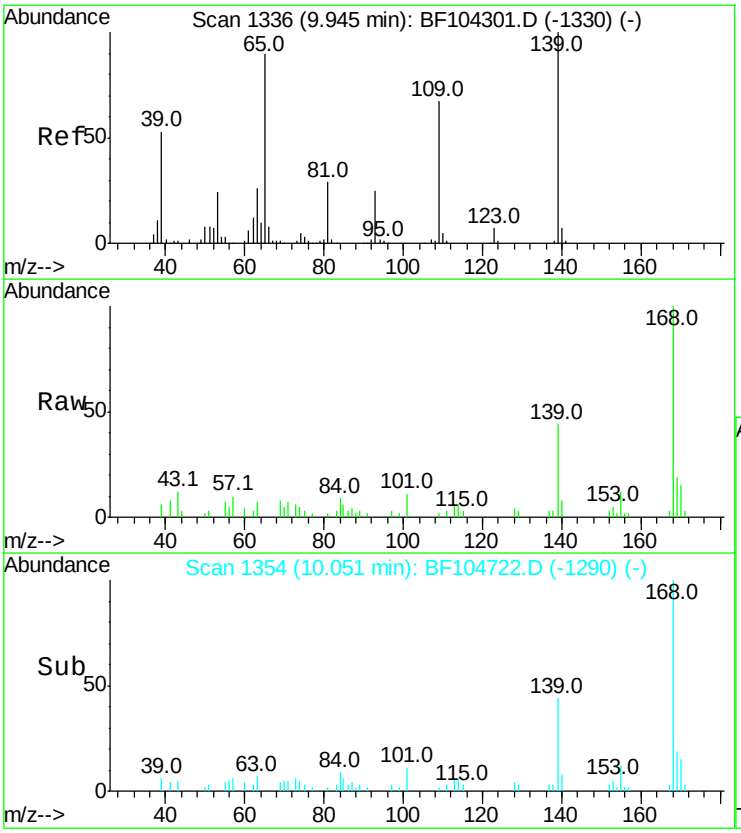
#51
Acenaphthene
Concen: 2.062 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 20137

Ion	Ratio	Lower	Upper
154	100		
153	110.2	91.2	136.8
152	53.0	43.8	65.8

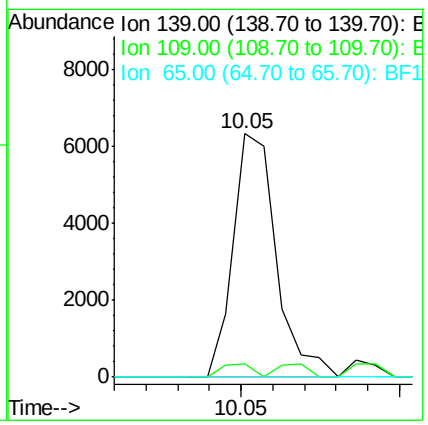


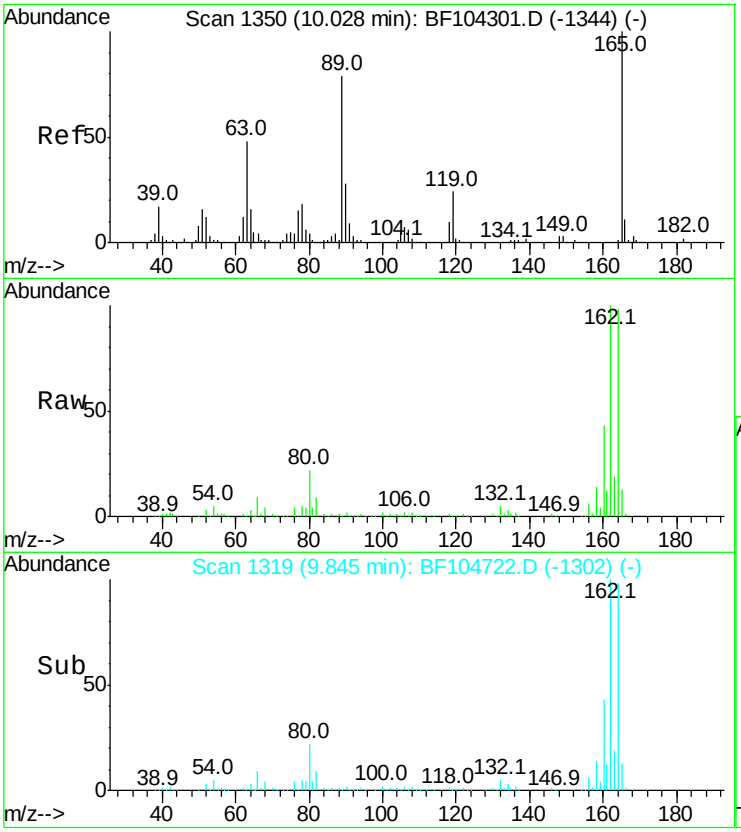


#55
4-Nitrophenol
Concen: 2.873 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.08 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:139 Resp: 5928

Ion	Ratio	Lower	Upper
139	100		
109	5.4	48.4	88.4#
65	0.0	72.6	112.6#



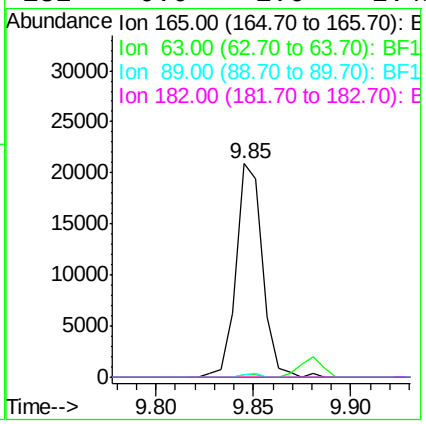


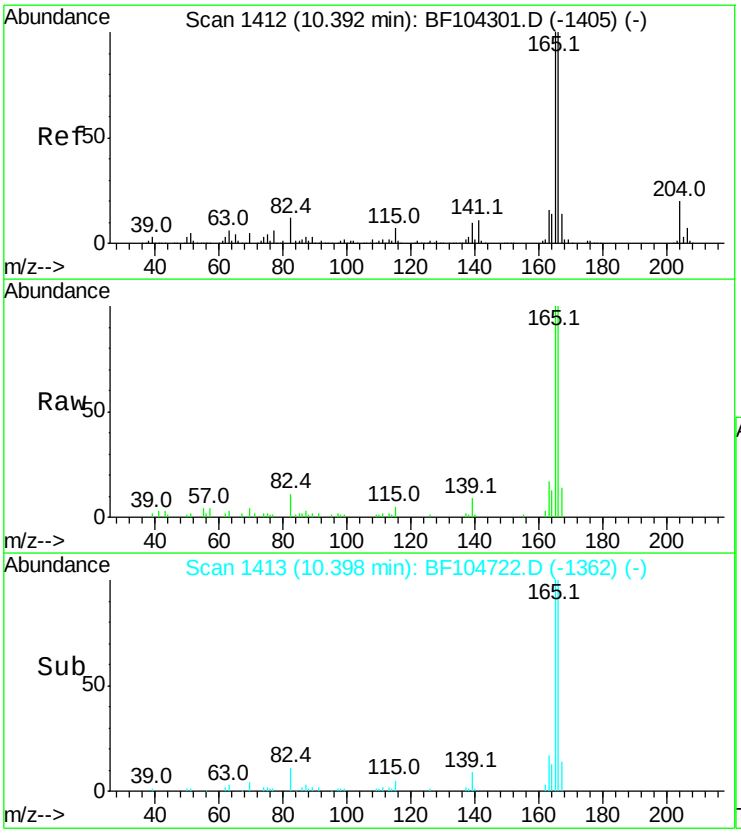
#56
2,4-Dinitrotoluene
Concen: 6.649 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19569

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

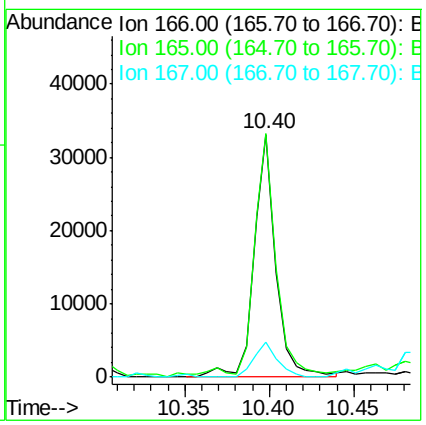


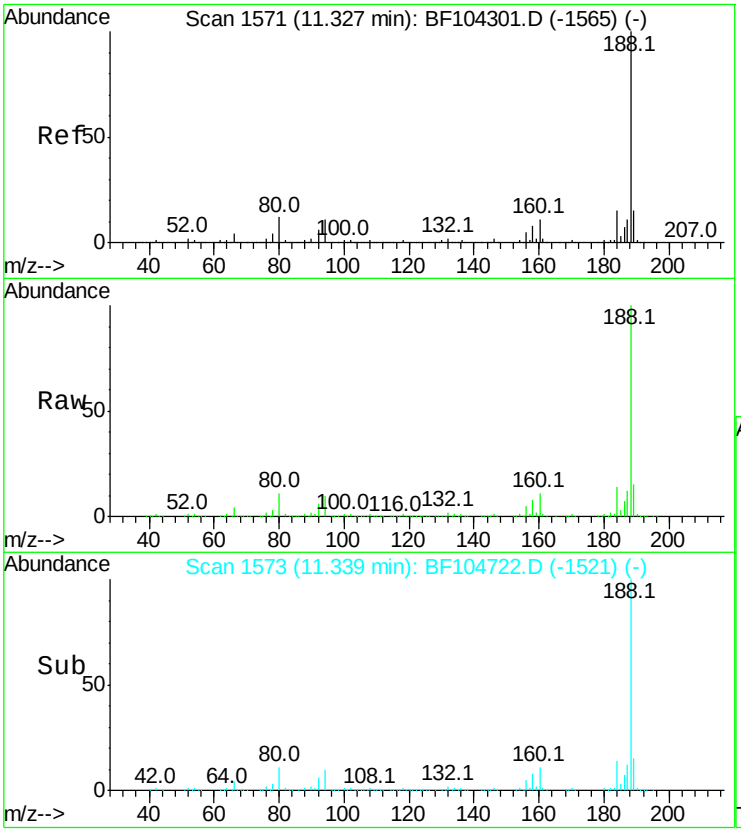


#57
Fluorene
Concen: 3.012 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:166 Resp: 29842

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	14.5	10.6	16.0



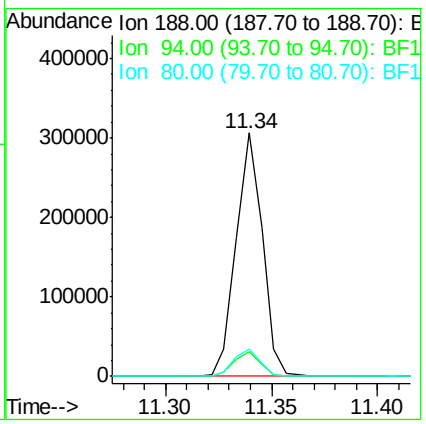


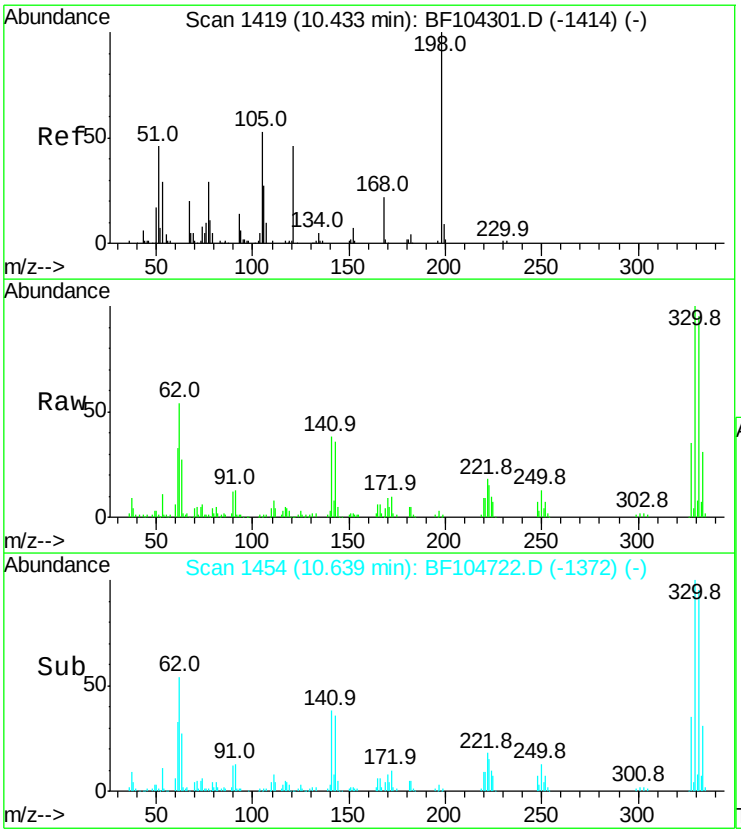
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 263223

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.2	13.8

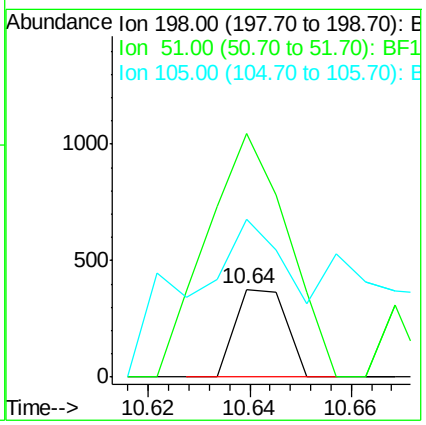


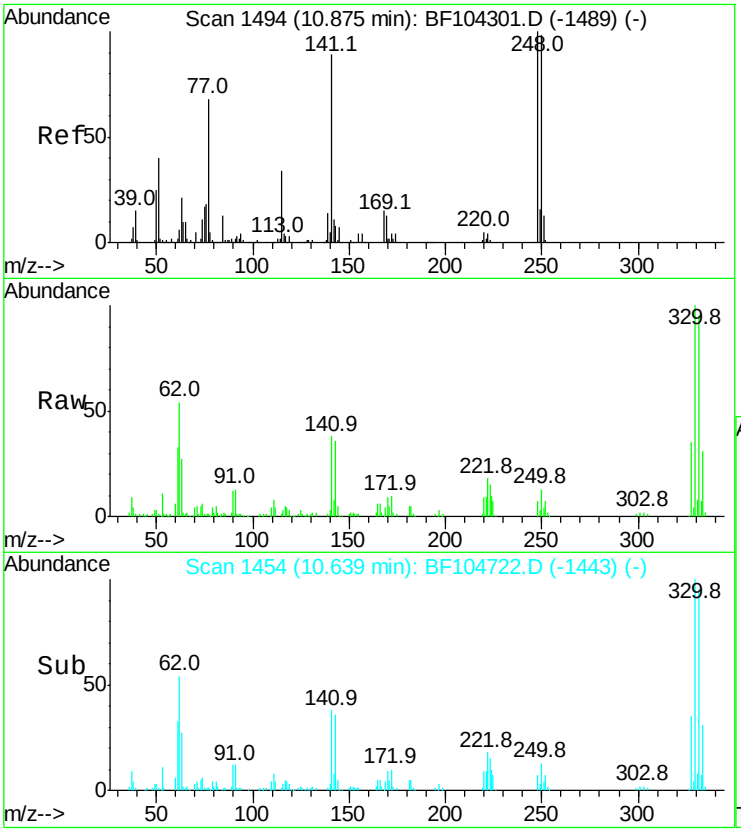


#64
4,6-Dinitro-2-methylphenol
Concen: 7.519 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:198 Resp: 261

Ion	Ratio	Lower	Upper
198	100		
51	276.5	37.7	77.7#
105	179.4	36.3	76.3#



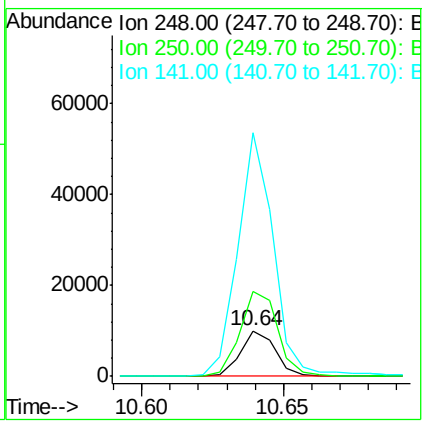


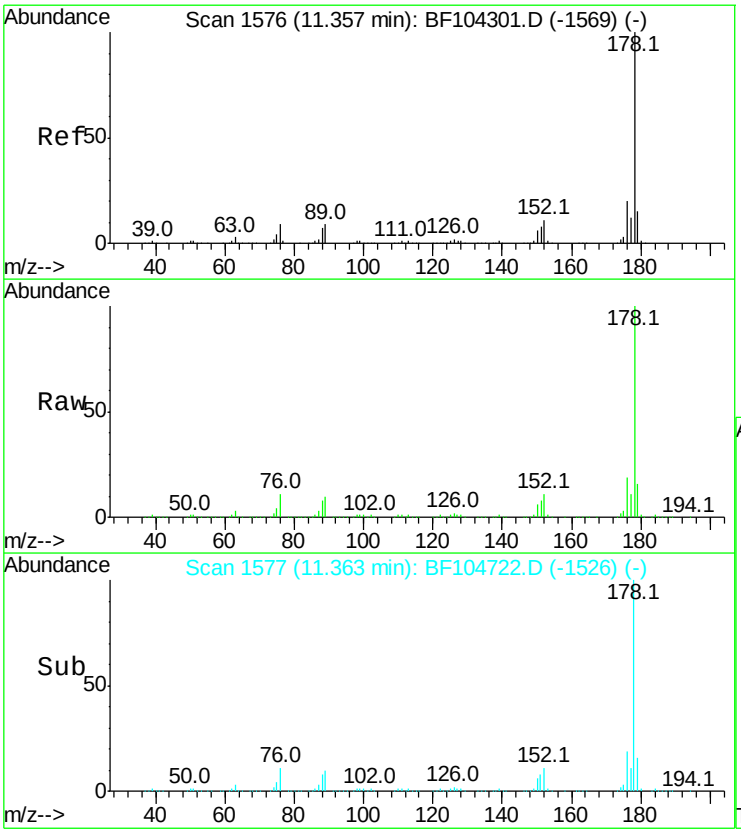
#66
4-Bromophenyl-phenylether
Concen: 3.079 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8622

Ion	Ratio	Lower	Upper
248	100		
250	185.8	76.9	115.3#
141	531.9	74.4	111.6#

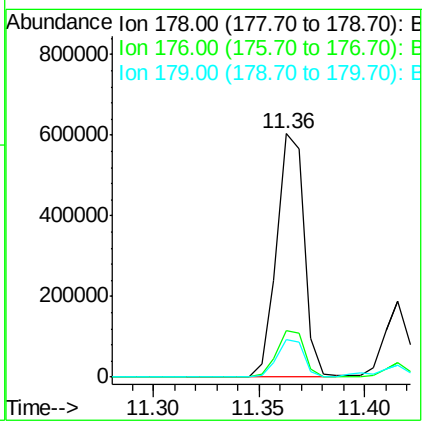


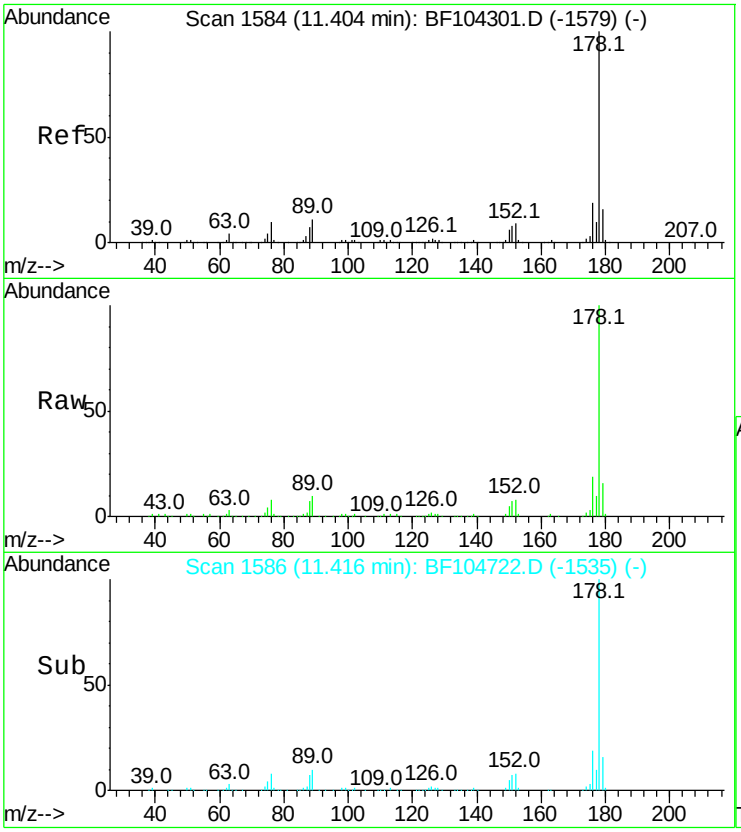


#70
Phenanthrene
Concen: 37.422 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:178 Resp: 548551

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.6	13.0	19.6



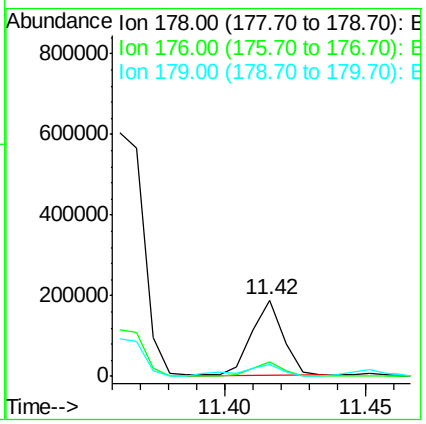


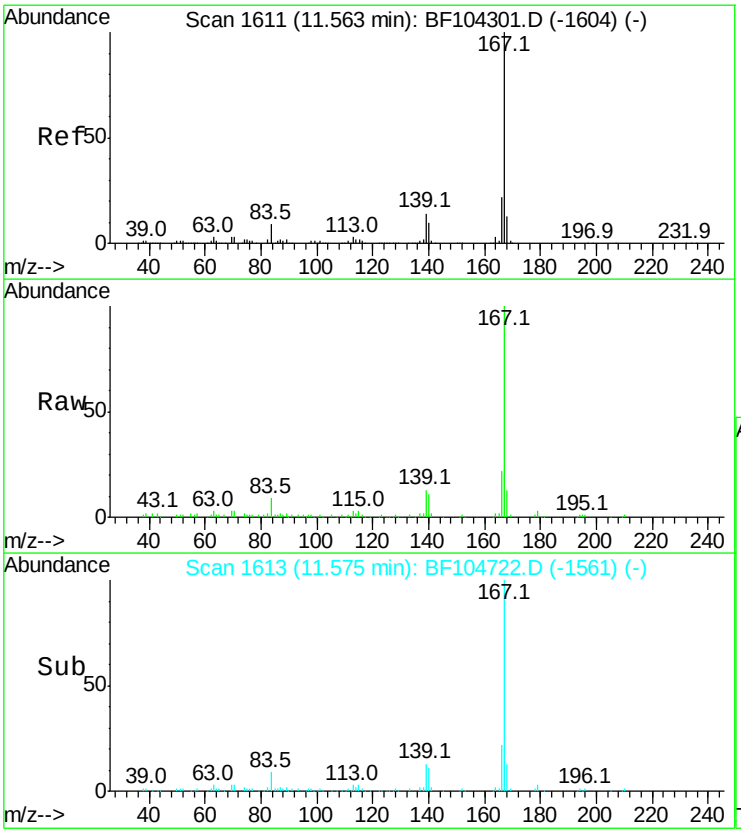
#71
Anthracene
Concen: 9.865 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 146995

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	12.6	19.0

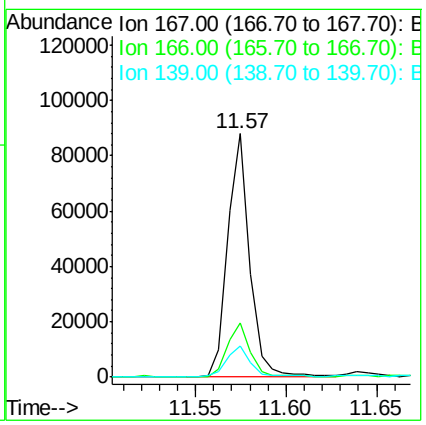


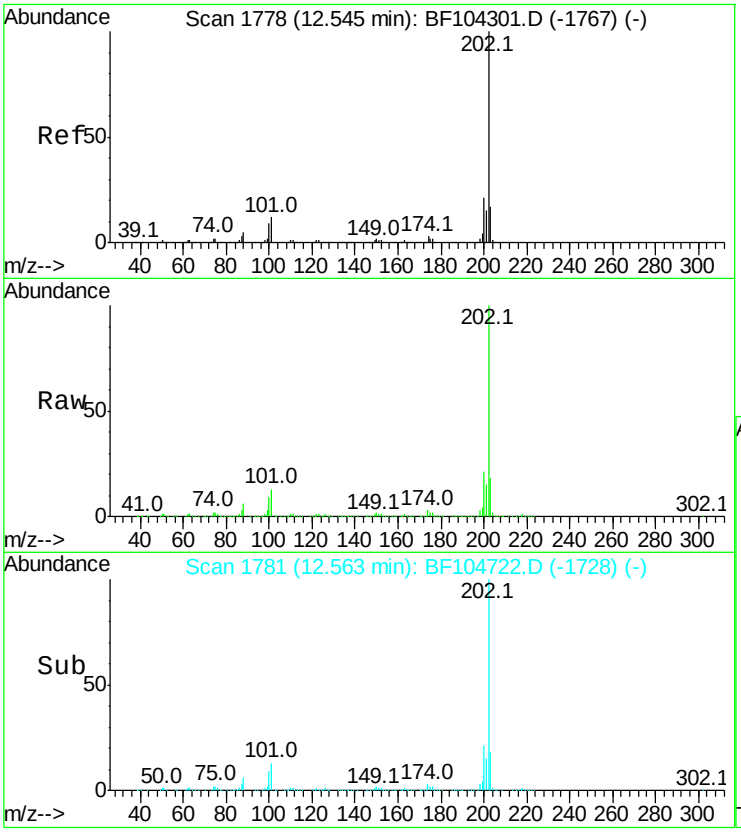


#72
Carbazole
Concen: 5.144 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:167 Resp: 74904

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.9	10.9	16.3



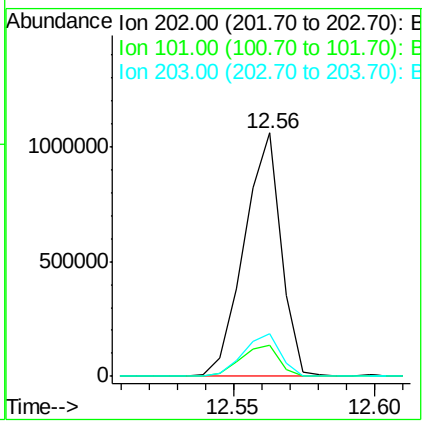


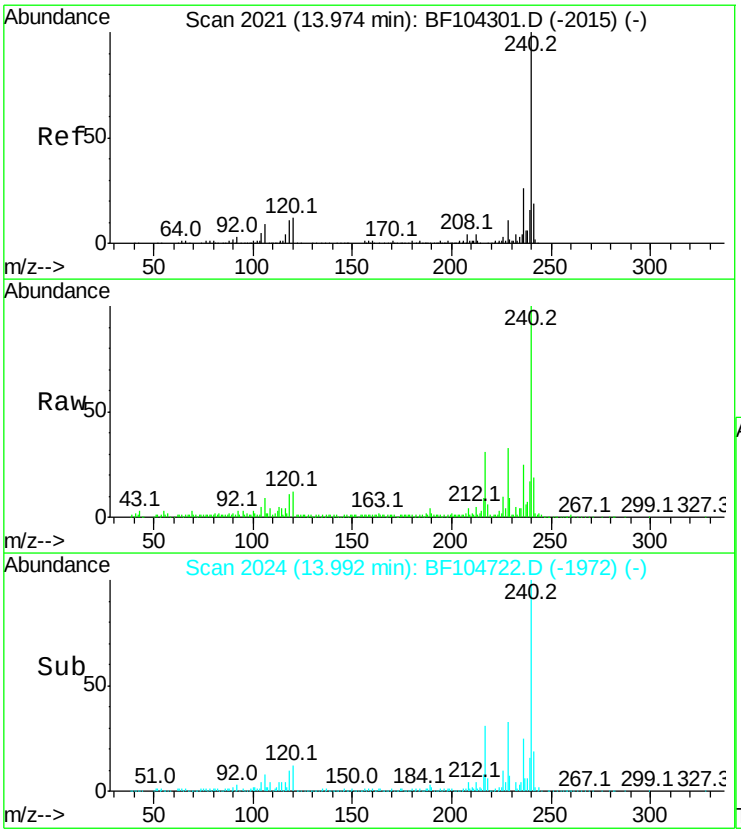
#74
Fluoranthene
Concen: 62.833 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 962328

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.7	0.0	38.1

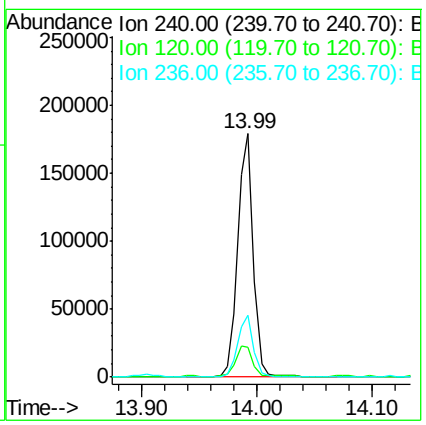


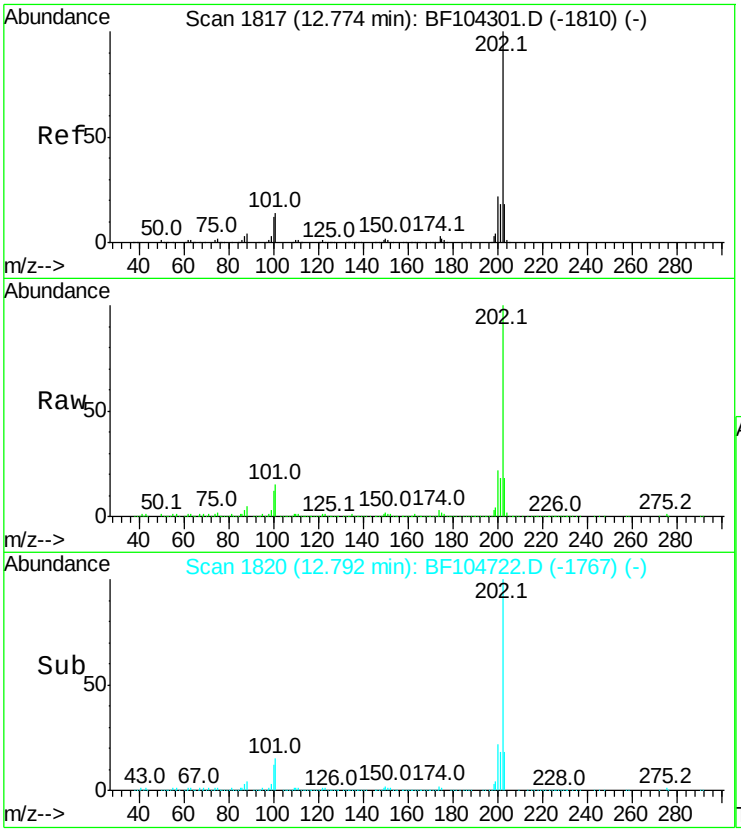


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:240 Resp: 165402

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.4	20.7	31.1



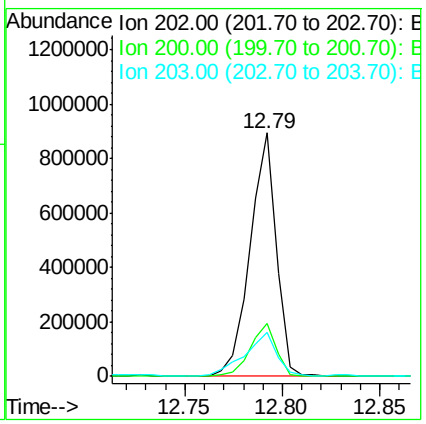


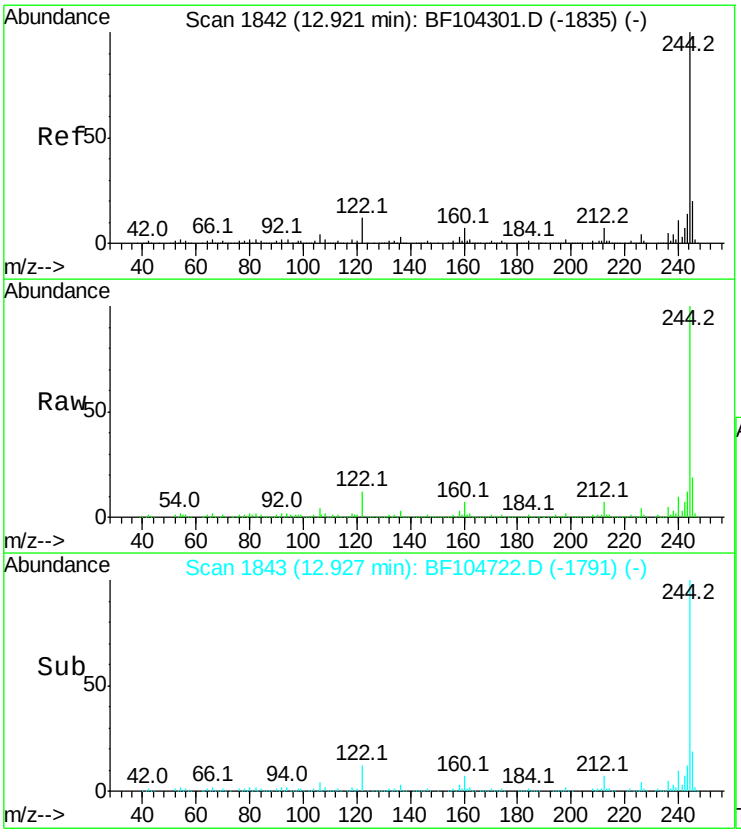
#77
Pyrene
Concen: 67.578 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 828522

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

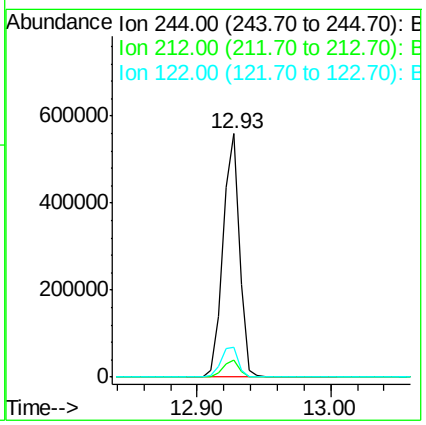


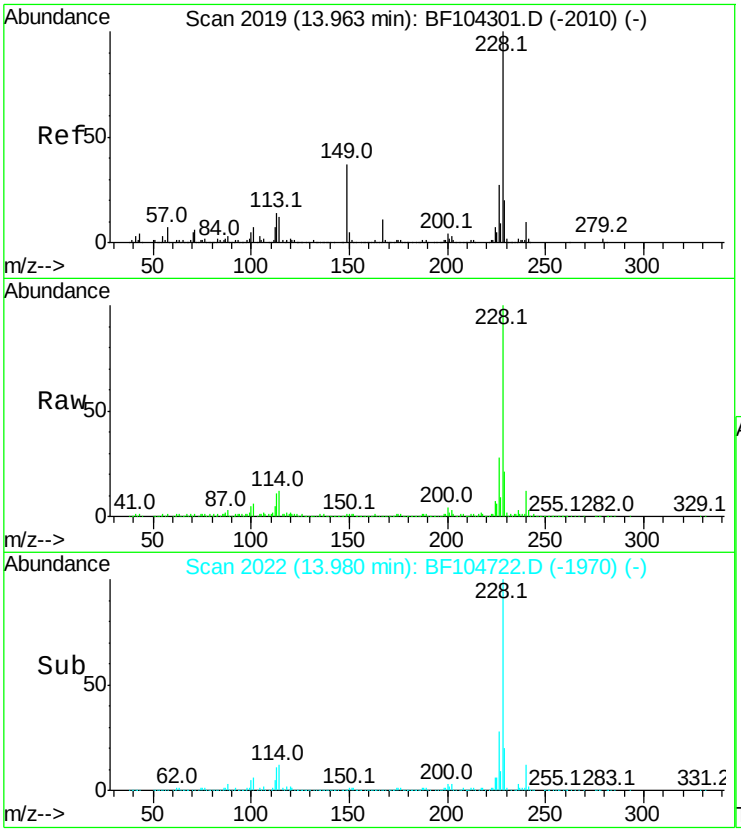


#78
Terphenyl-d14
Concen: 67.742 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:244 Resp: 491466

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4



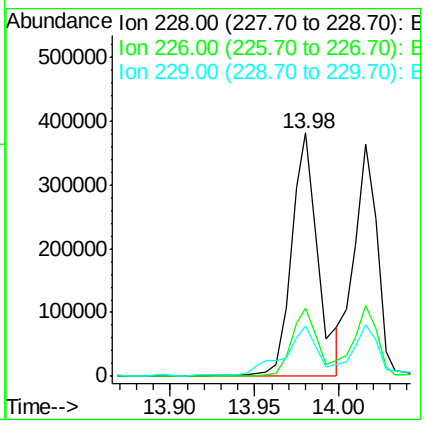


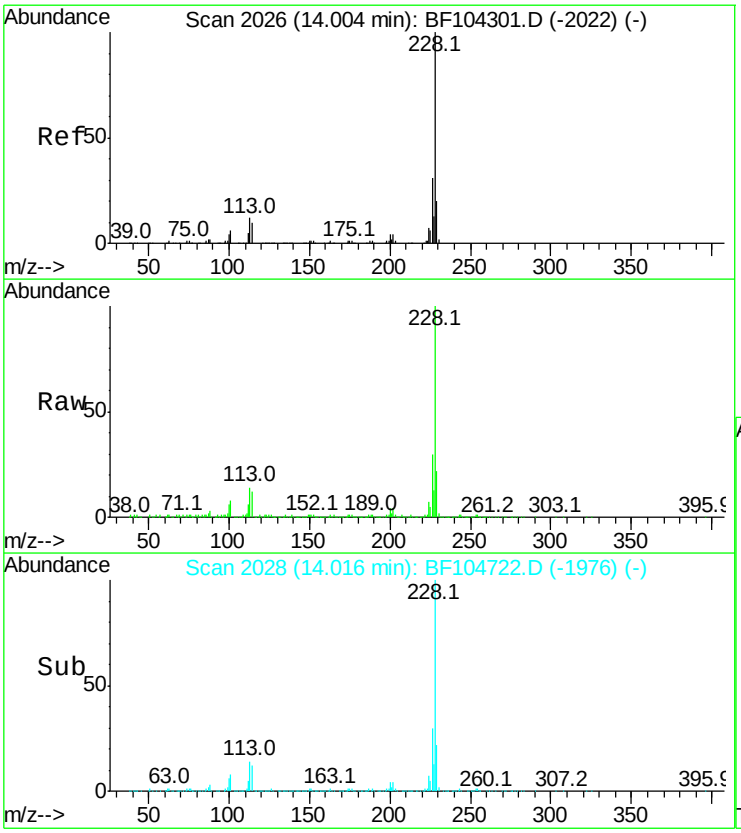
#80
Benzo(a)anthracene
Concen: 41.747 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 412518

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.6	15.8	23.6

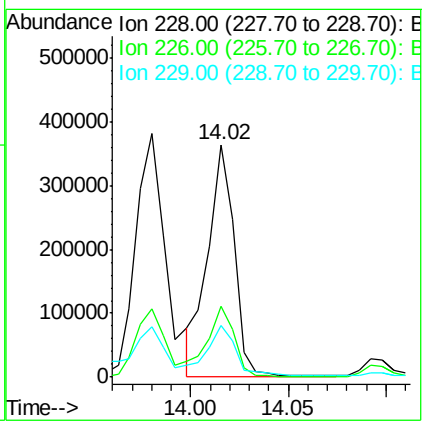


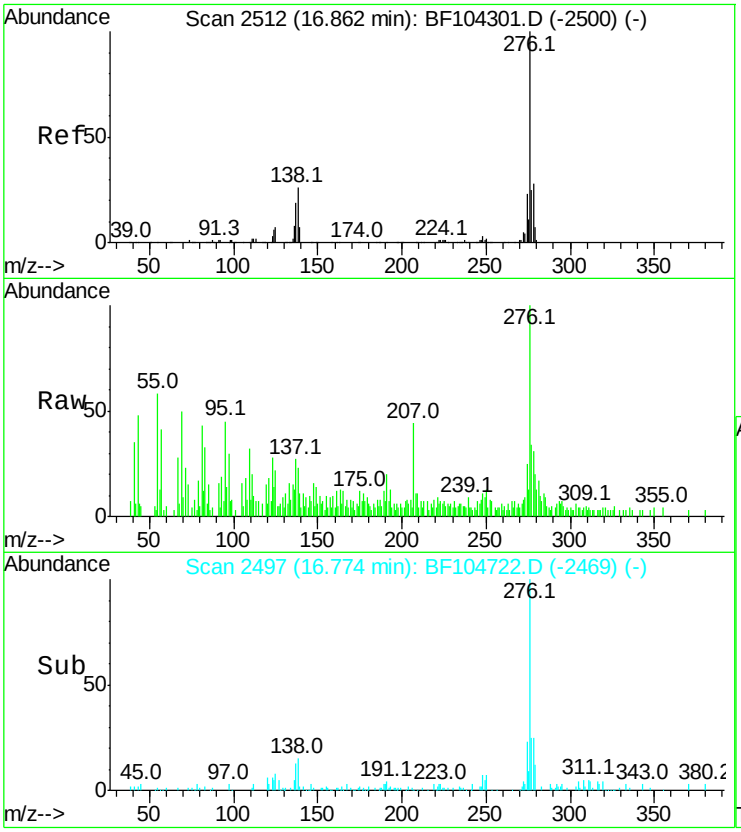


#82
Chrysene
Concen: 33.904 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:228 Resp: 344115

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.4	16.2	24.4



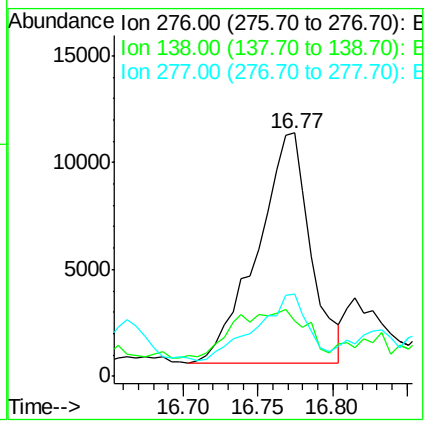


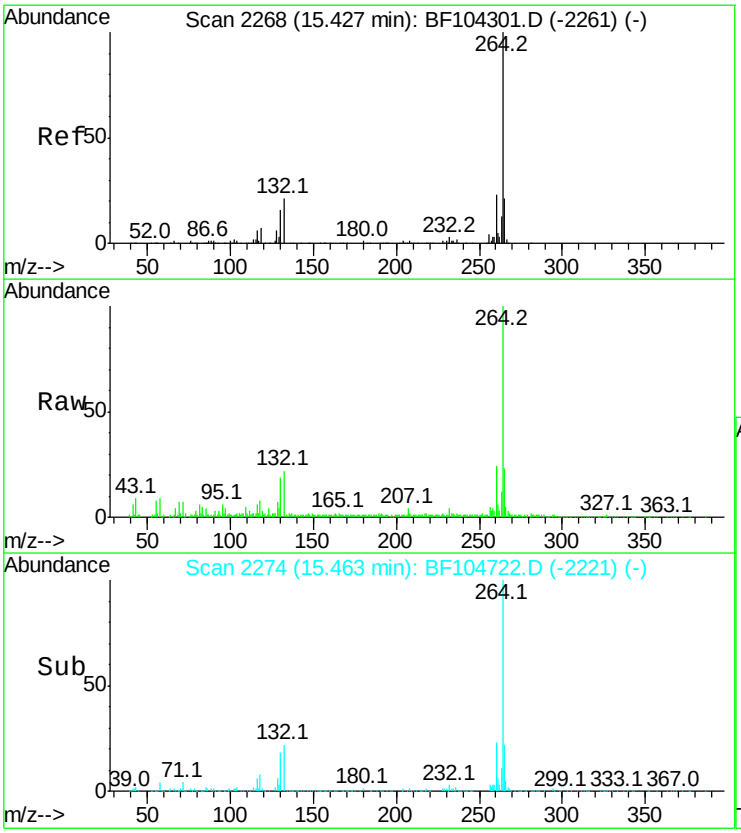
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.105 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.14 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 26769

Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	27.3	20.1	30.1

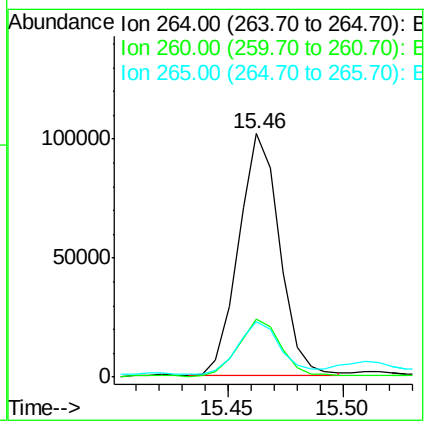


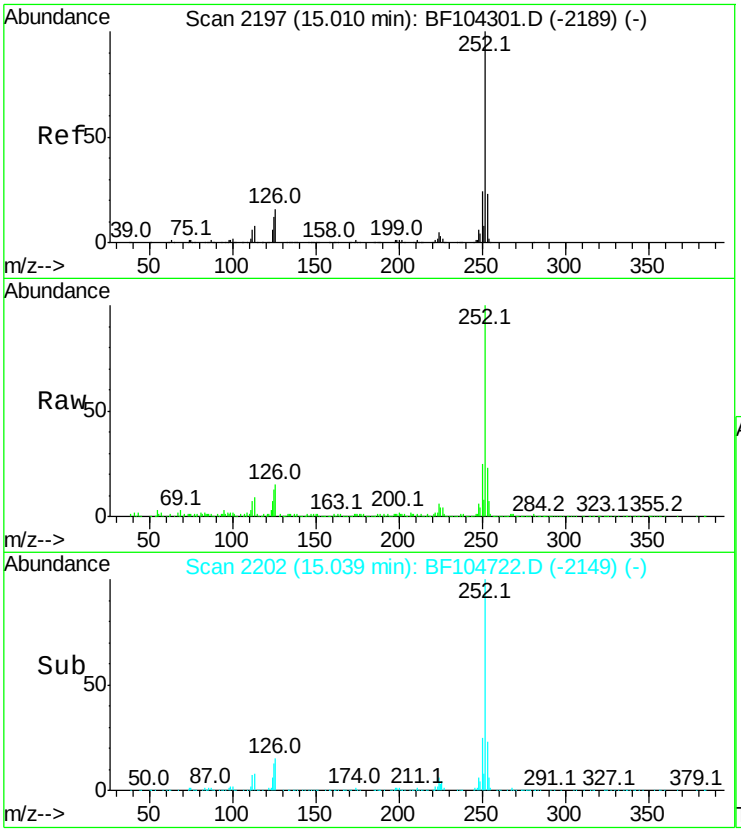


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:264 Resp: 126018

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.0	17.5	26.3



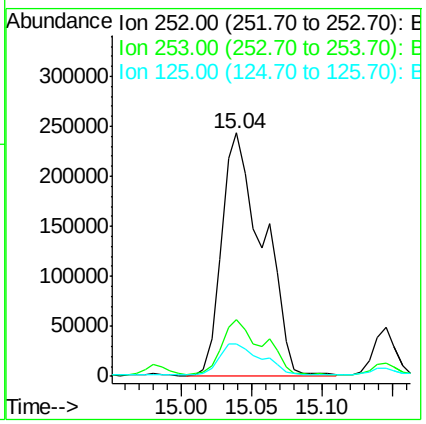


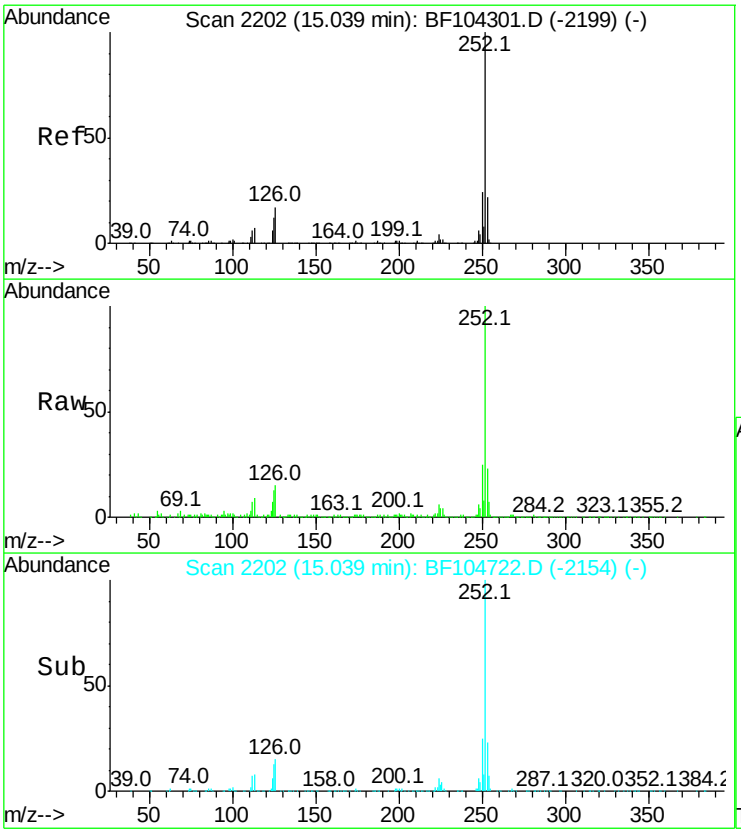
#87
Benzo(b)fluoranthene
Concen: 62.022 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 493640

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	13.5	9.0	13.6

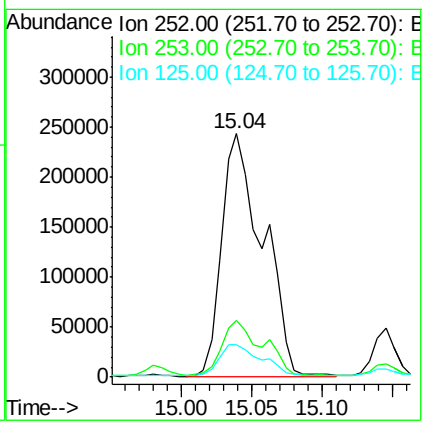


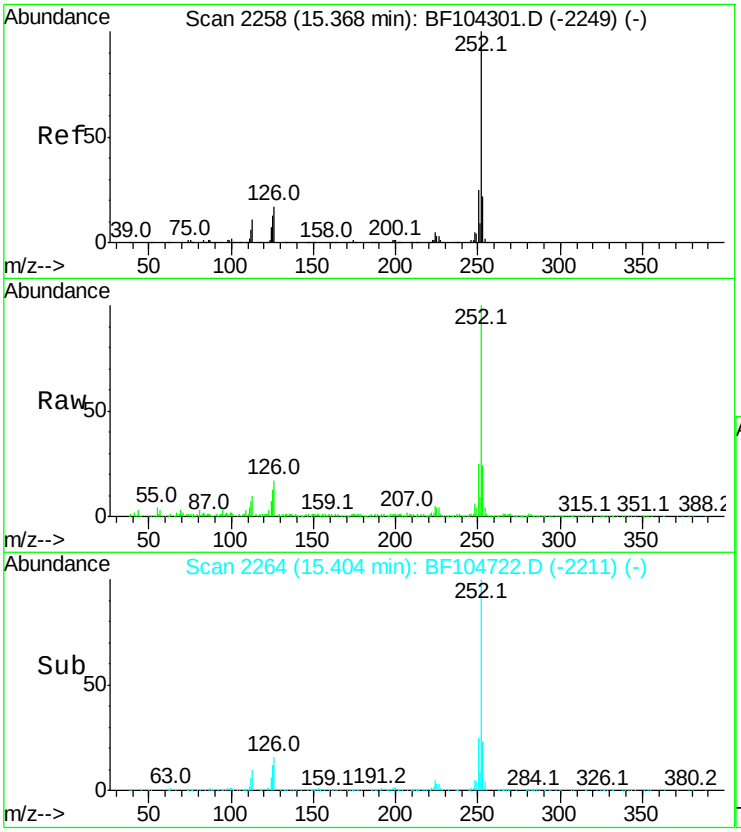


#88
Benzo(k)fluoranthene
Concen: 65.695 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:252 Resp: 493640

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.5	10.2	15.2



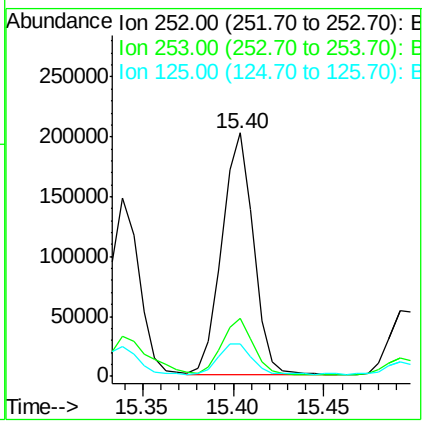


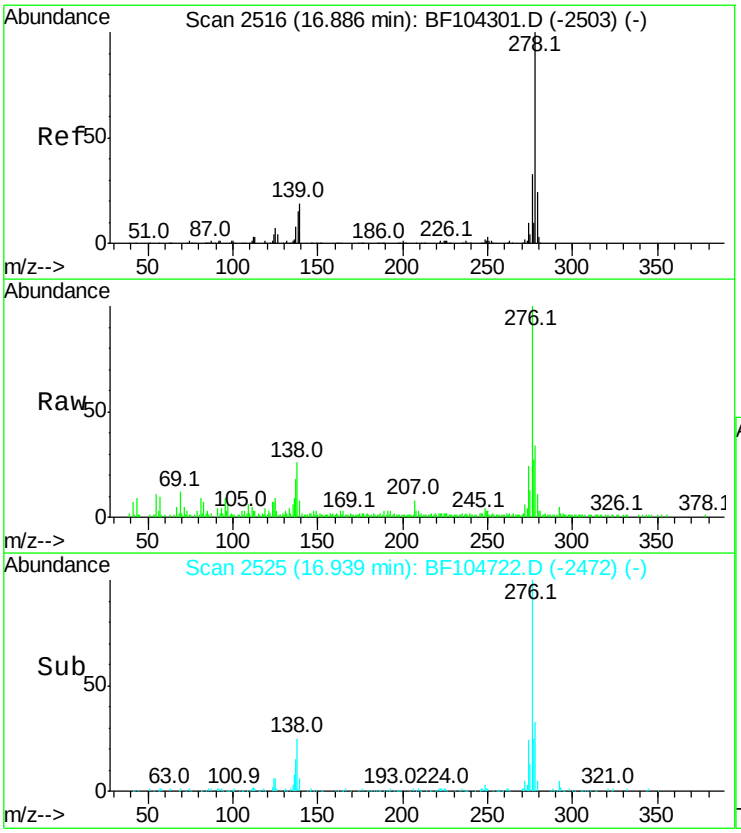
#89
Benzo(a)pyrene
Concen: 34.435 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 245224

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	13.3	9.8	14.6

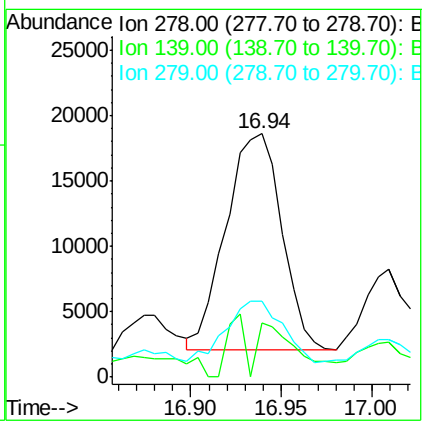


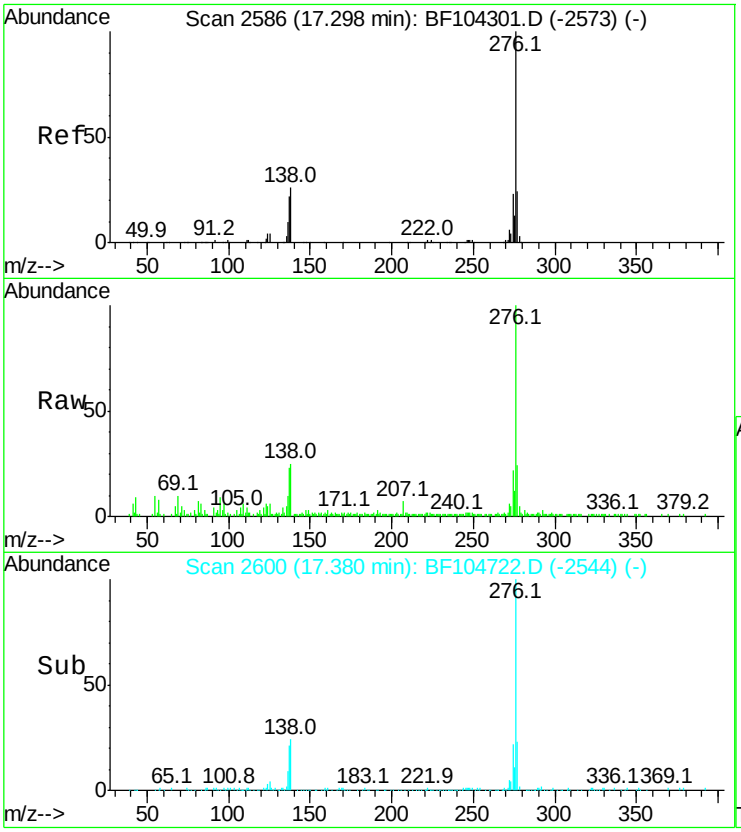


#90
Dibenzo(a,h)anthracene
Concen: 6.022 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Tgt Ion:278 Resp: 35220

Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.9	23.9
279	31.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 23.038 ng
RT: 17.38 min Scan# 2600
Delta R.T. 0.03 min
Lab File: BF104722.D
Acq: 23 Apr 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 130548

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	24.9	21.8	32.8