Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104713.D
Acq On : 23 Apr 2018 16:54
Operator : JU/SJ
Sample : J2503-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 01:01:50 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	101641	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	389163	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	156177	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	259008	20.00	ng		0.00
75) Chrysene-d12	13.99	240	185663	20.00	ng		0.00
86) Perylene-d12	15.46	264	138862	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	610087	91.78	ng		0.02
7) Phenol-d6	6.45	99	709332	86.85	ng		0.00
23) Nitrobenzene-d5	7.37	82	394187	66.14	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	141859	87.56	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	641288	64.87	ng		0.00
78) Terphenyl-d14	12.93	244	505187	62.03	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	567	Below Cal			88
19) n-Nitroso-di-n-propylamine	7.37	70	51276	9.608	ng	#	72
25) Isophorone	7.37	82	394180	31.277	ng	#	64
49) Dimethylphthalate	9.56	163	56744	4.607	ng		98
50) 2,6-Dinitrotoluene	9.85	165	20506	8.998	ng	#	24
51) Acenaphthene	9.88	154	20402	2.057	ng		97
55) 4-Nitrophenol	10.05	139	6649	3.173	ng	#	11
56) 2,4-Dinitrotoluene	9.85	165	20506	6.860	ng	#	21
57) Fluorene	10.40	166	30417	3.023	ng		99
64) 4,6-Dinitro-2-methylphenol	10.64	198	127	7.432	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	8410	3.053	ng	#	1
70) Phenanthrene	11.36	178	545448	37.815	ng		99
71) Anthracene	11.42	178	141792	9.671	ng		98
72) Carbazole	11.57	167	73185	5.108	ng		99
74) Fluoranthene	12.56	202	983375	65.253	ng		98
76) Benzidine	12.93	184	7059	Below Cal		#	88
77) Pyrene	12.79	202	869176	63.158	ng		100
80) Benzo(a)anthracene	13.98	228	462380	41.687	ng		100
82) Chrysene	14.02	228	393261	34.518	ng		97
85) Indeno(1,2,3-cd)pyrene	16.93	276	153073	15.816	ng	#	93
87) Benzo(b)fluoranthene	15.04	252	549551	62.661	ng		96
88) Benzo(k)fluoranthene	15.04	252	549551	66.371	ng		99
89) Benzo(a)pyrene	15.40	252	268476	34.213	ng		97
90) Dibenzo(a,h)anthracene	17.10	278	33832	5.249	ng		95
91) Benzo(g,h,i)perylene	17.37	276	147239	23.581	ng		97

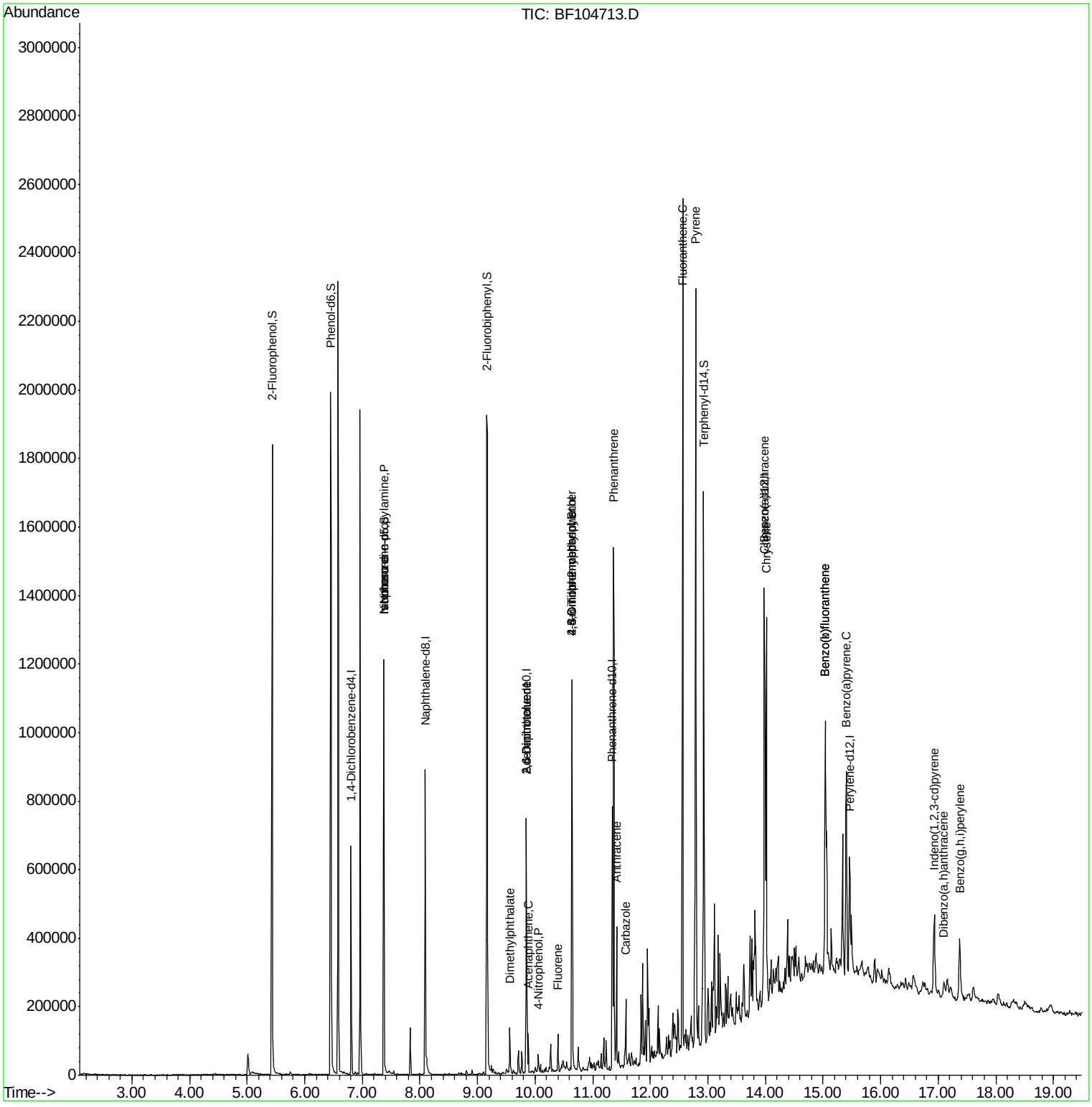
(#) = qualifier out of range (m) = manual integration (+) = signals summed

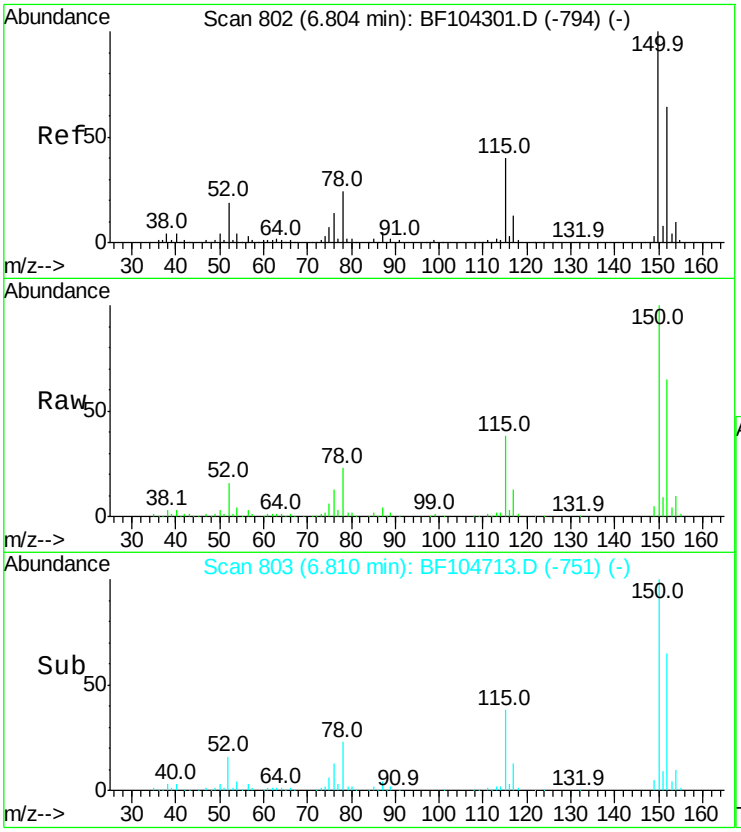
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104713.D
Acq On : 23 Apr 2018 16:54
Operator : JU/SJ
Sample : J2503-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 24 01:01:50 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



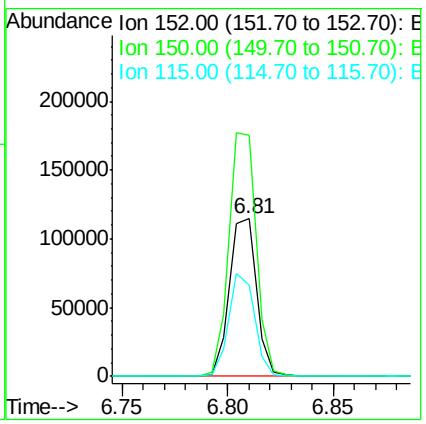


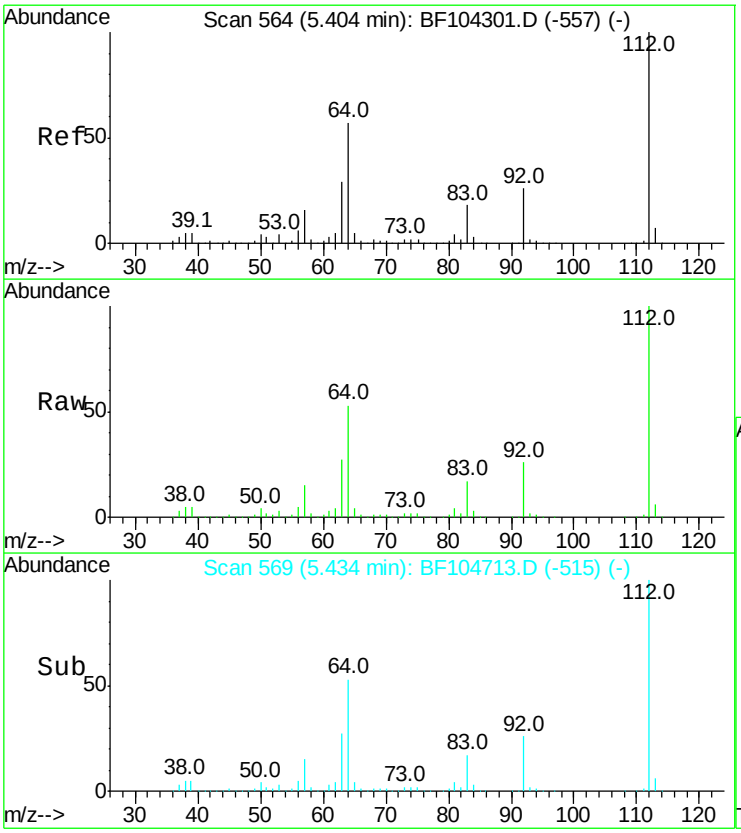
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101641

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	57.9	50.1	75.1

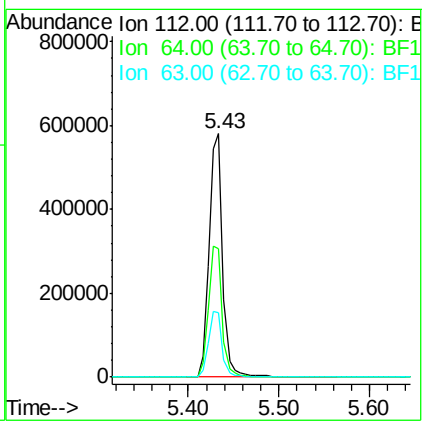


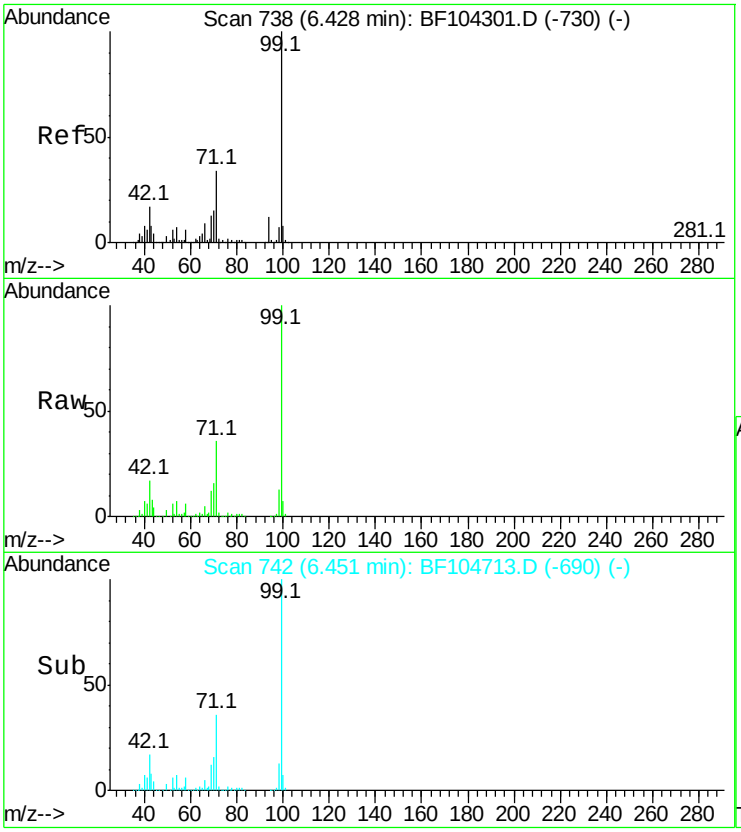


#5
2-Fluorophenol
Concen: 91.780 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:112 Resp: 610087

Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	26.5	23.7	35.5



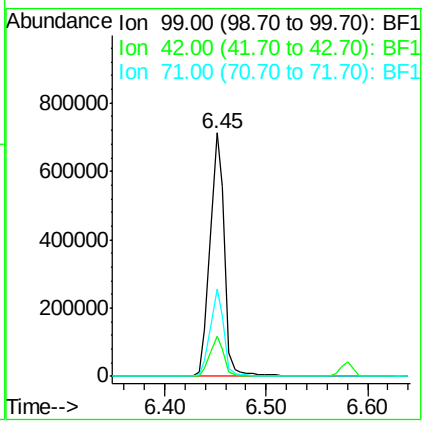


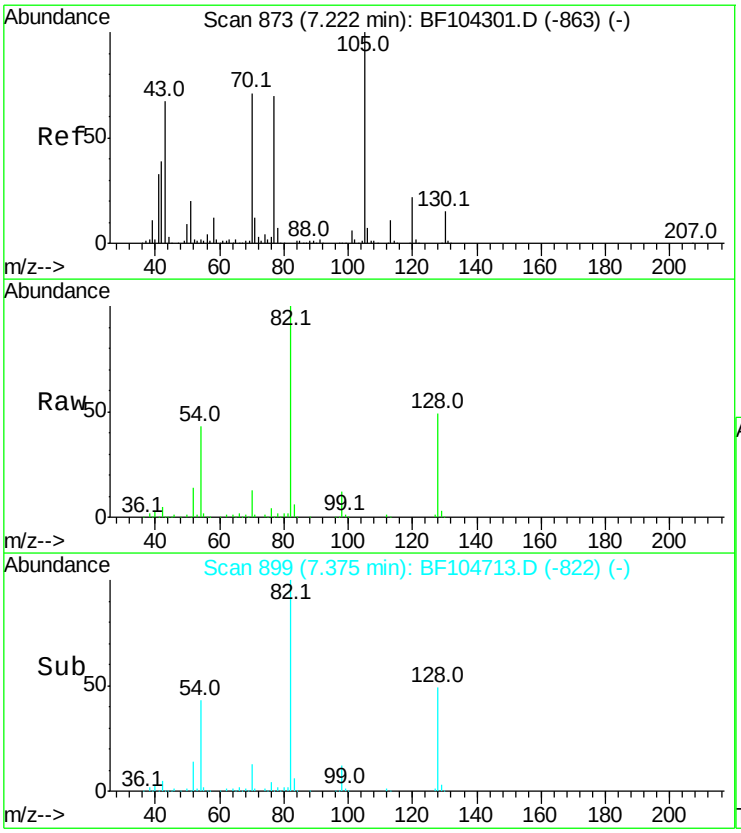
#7
Phenol-d6
Concen: 86.849 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 709332

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

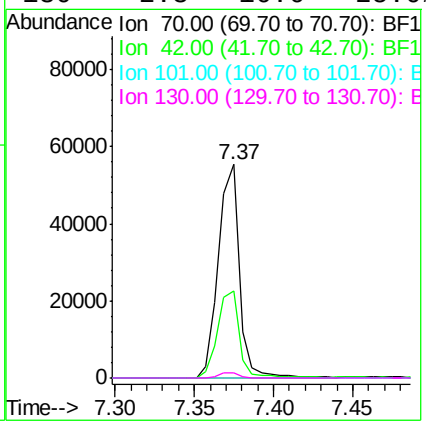


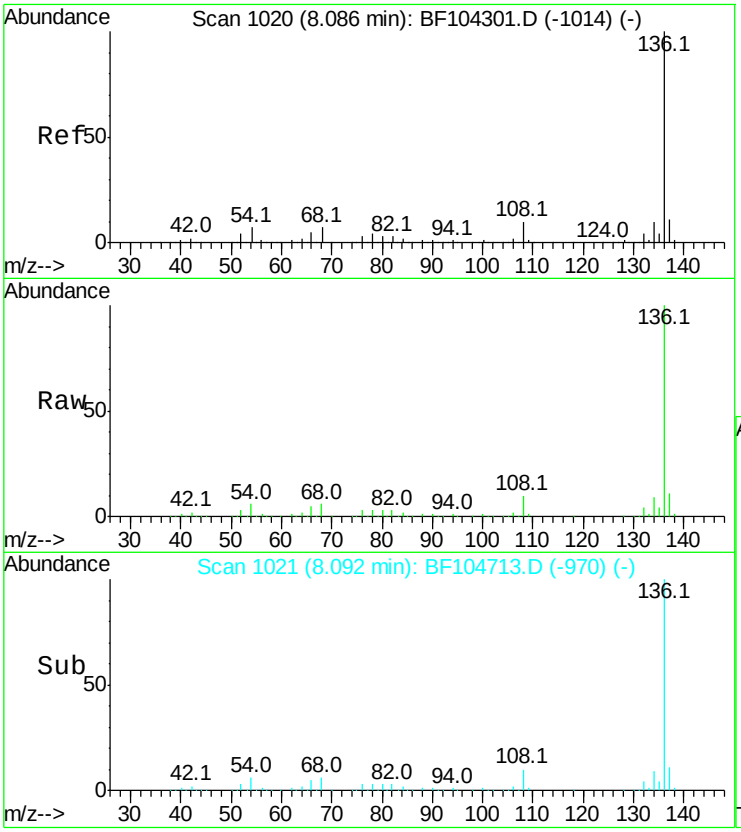


#19
n-Nitroso-di-n-propylamine
Concen: 9.608 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion: 70 Resp: 51276

Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



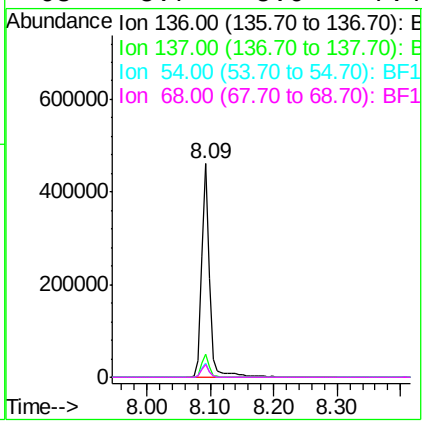


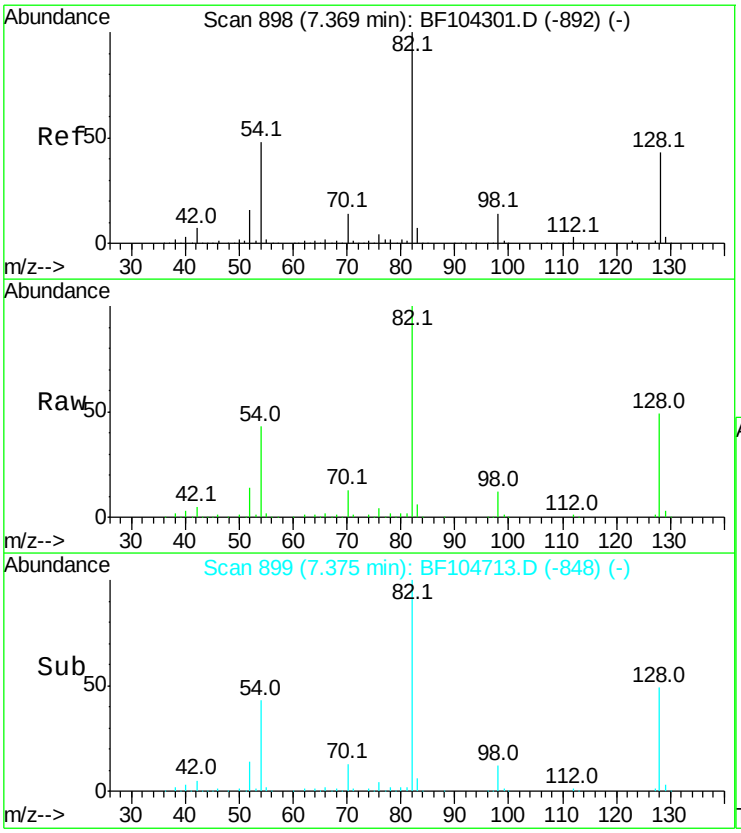
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 389163

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.5	6.6	9.8#
68	5.7	5.0	7.4

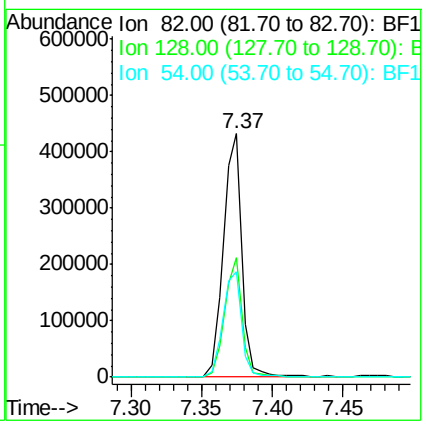


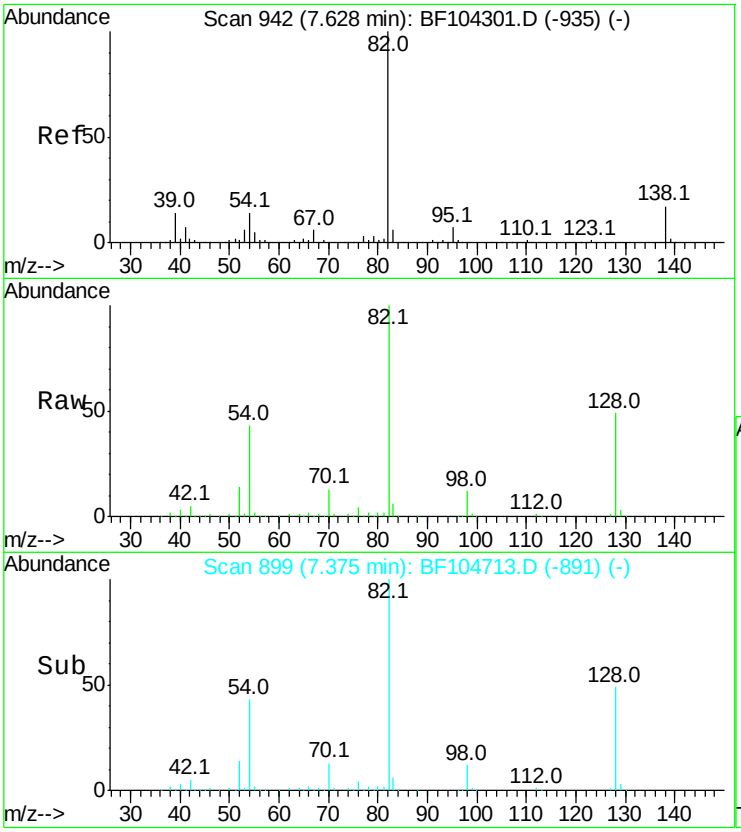


#23
Nitrobenzene-d5
Concen: 66.141 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion: 82 Resp: 394187

Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	43.1	41.4	62.2



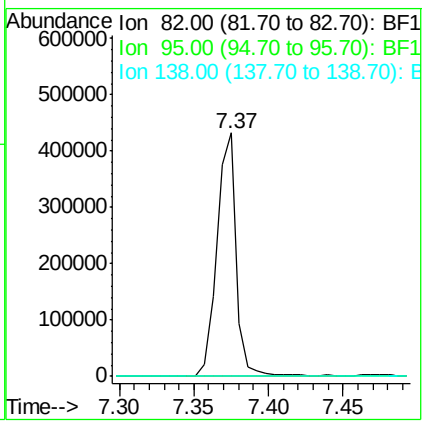


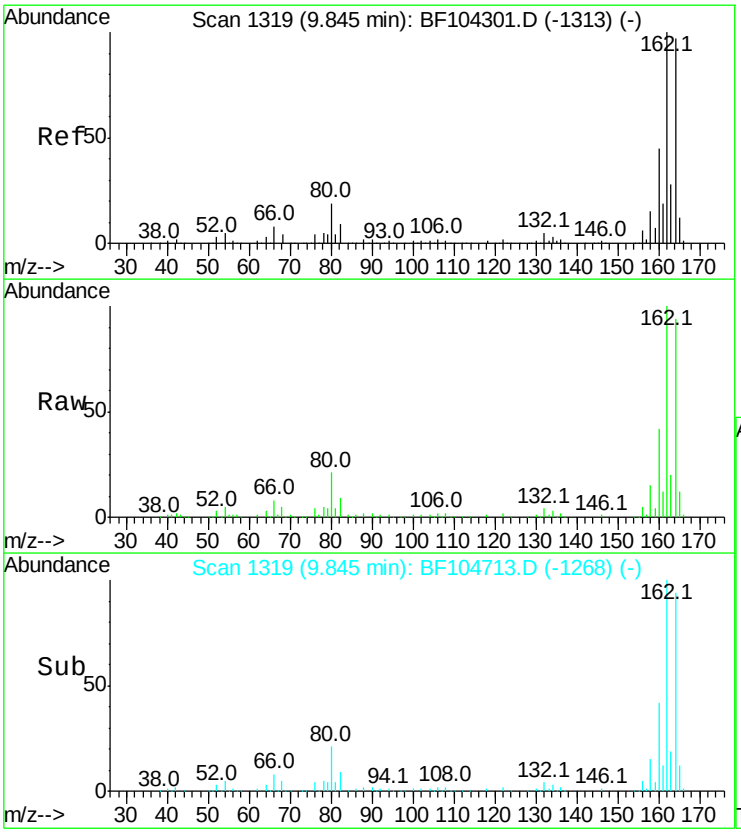
#25
Isophorone
Concen: 31.277 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 394180

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

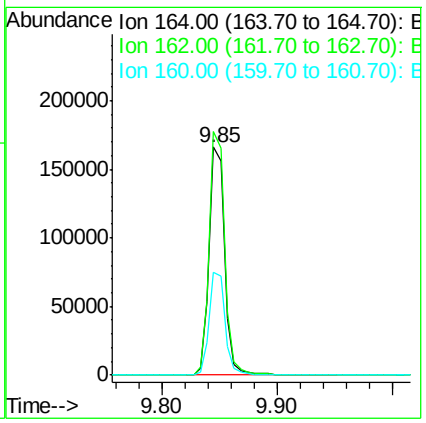


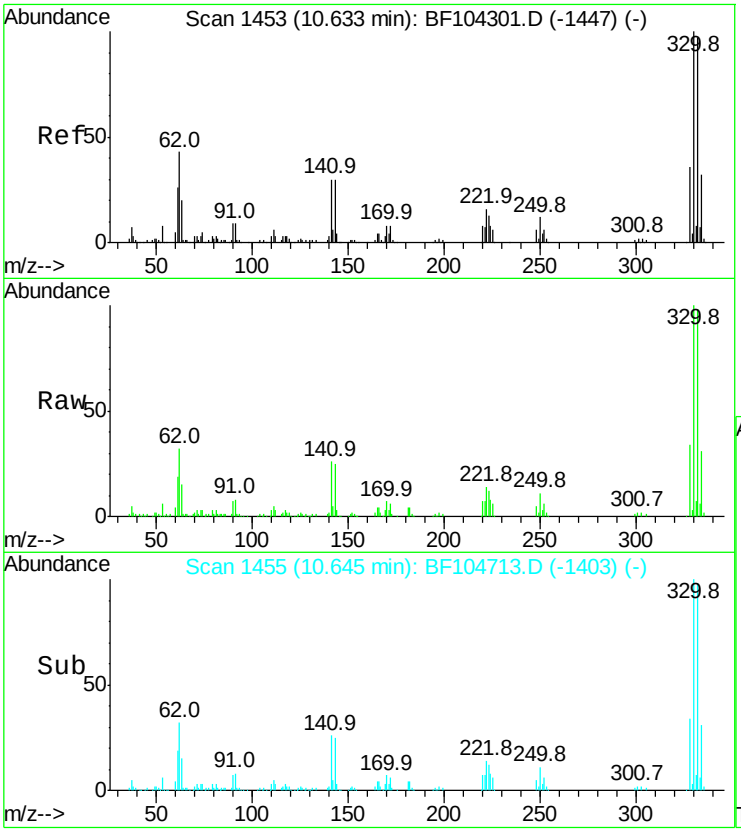


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:164 Resp: 156177

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	45.2	38.3	57.5



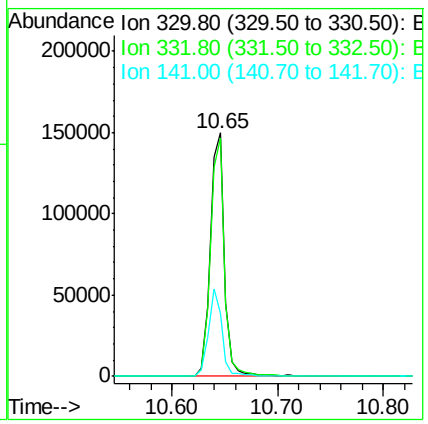


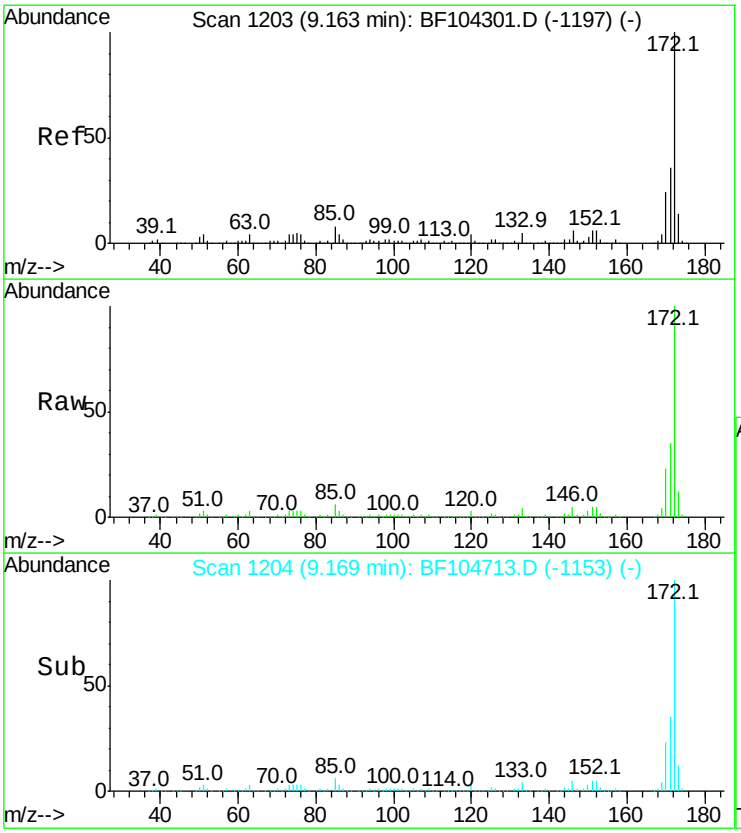
#41
2,4,6-Tribromophenol
Concen: 87.564 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 141859

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.2	29.9	44.9

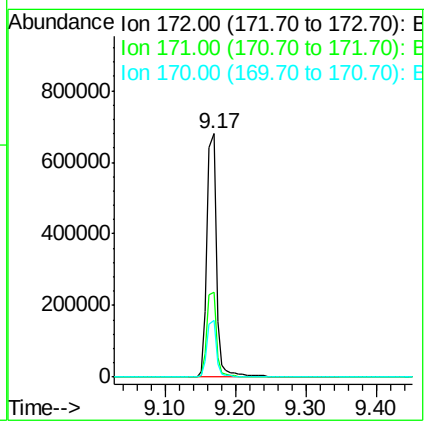


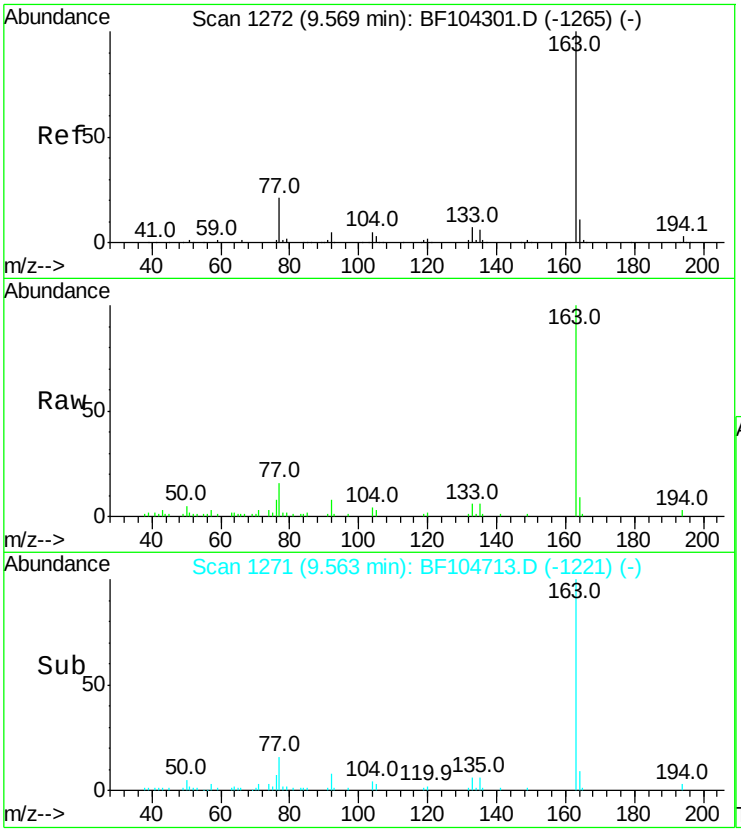


#44
2-Fluorobiphenyl
Concen: 64.867 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:172 Resp: 641288

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.4	19.6	29.4



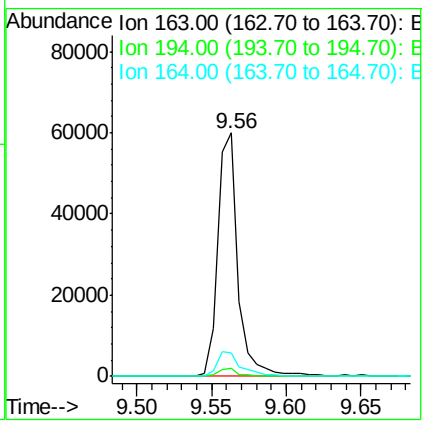


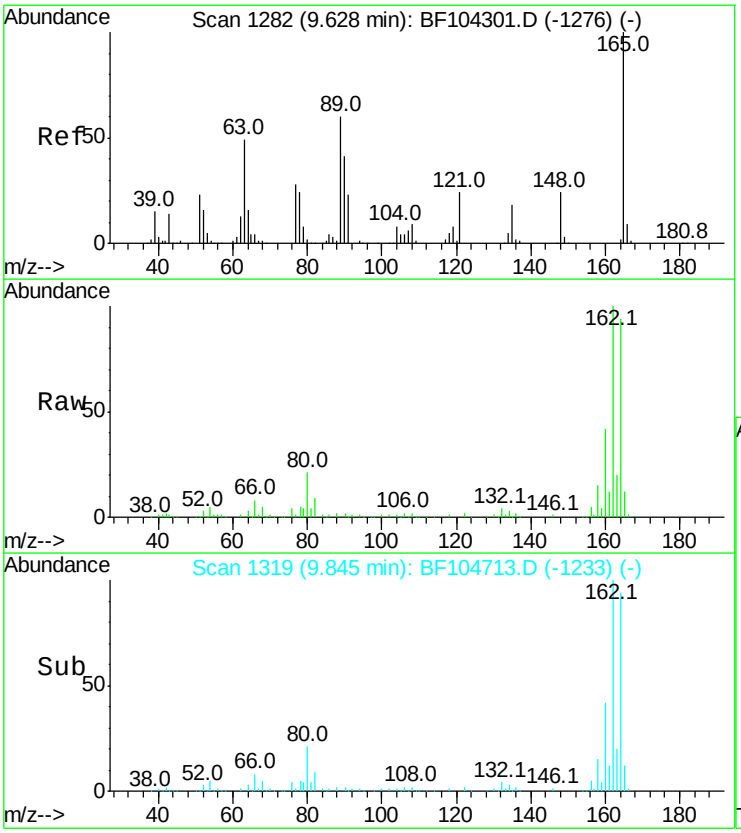
#49
Dimethylphthalate
Concen: 4.607 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 56744

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.4	8.2	12.2

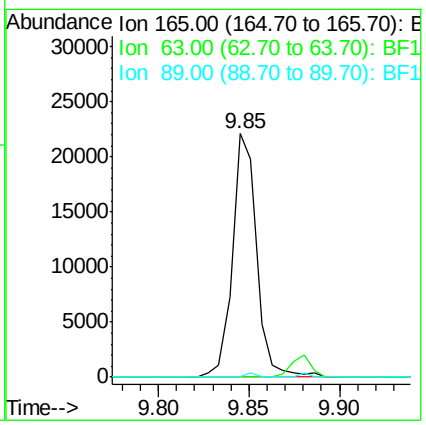


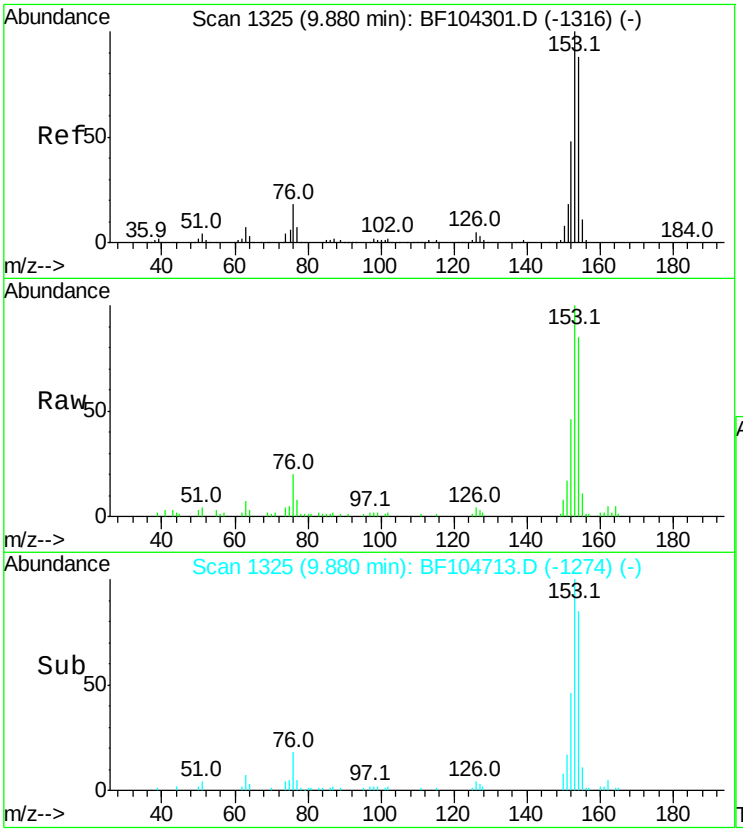


#50
2,6-Dinitrotoluene
Concen: 8.998 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:165 Resp: 20506

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



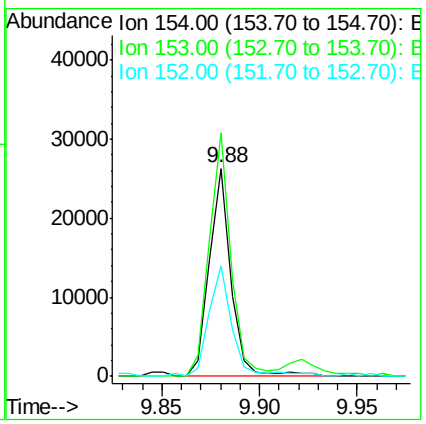


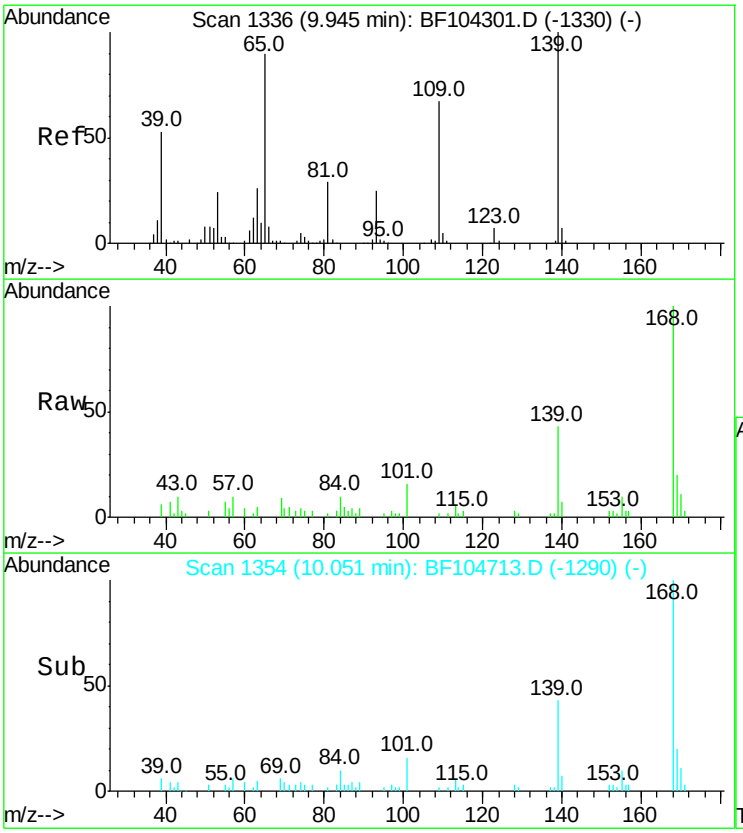
#51
Acenaphthene
Concen: 2.057 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 20402

Ion	Ratio	Lower	Upper
154	100		
153	117.0	91.2	136.8
152	53.4	43.8	65.8

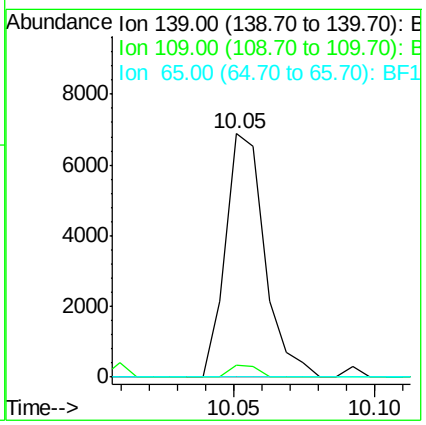


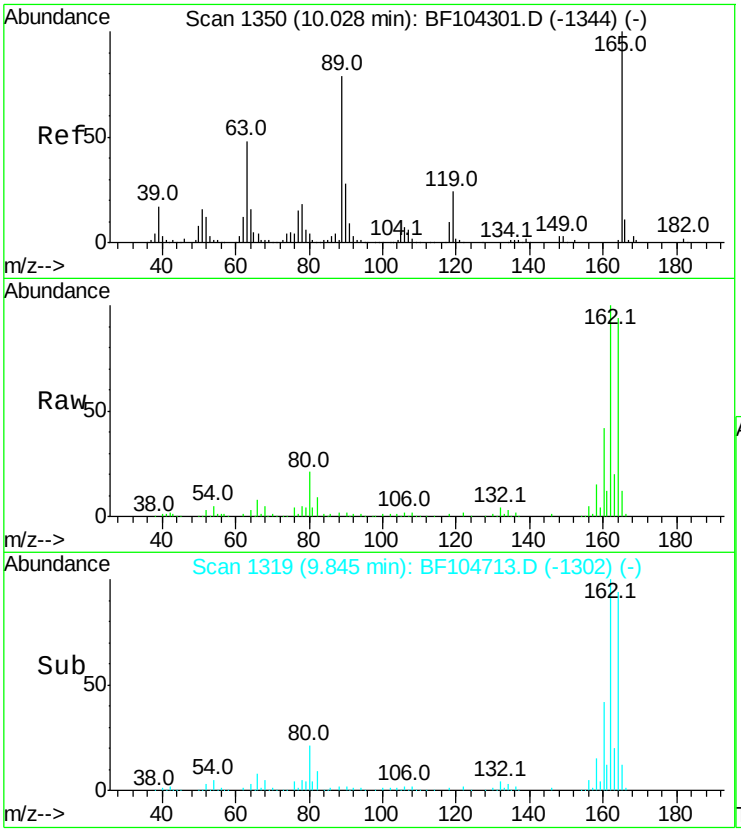


#55
4-Nitrophenol
Concen: 3.173 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.08 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:139 Resp: 6649

Ion	Ratio	Lower	Upper
139	100		
109	5.0	48.4	88.4#
65	0.0	72.6	112.6#



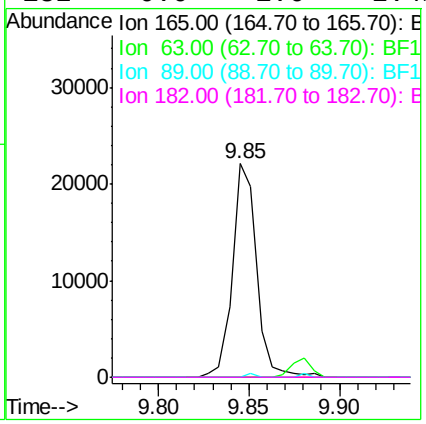


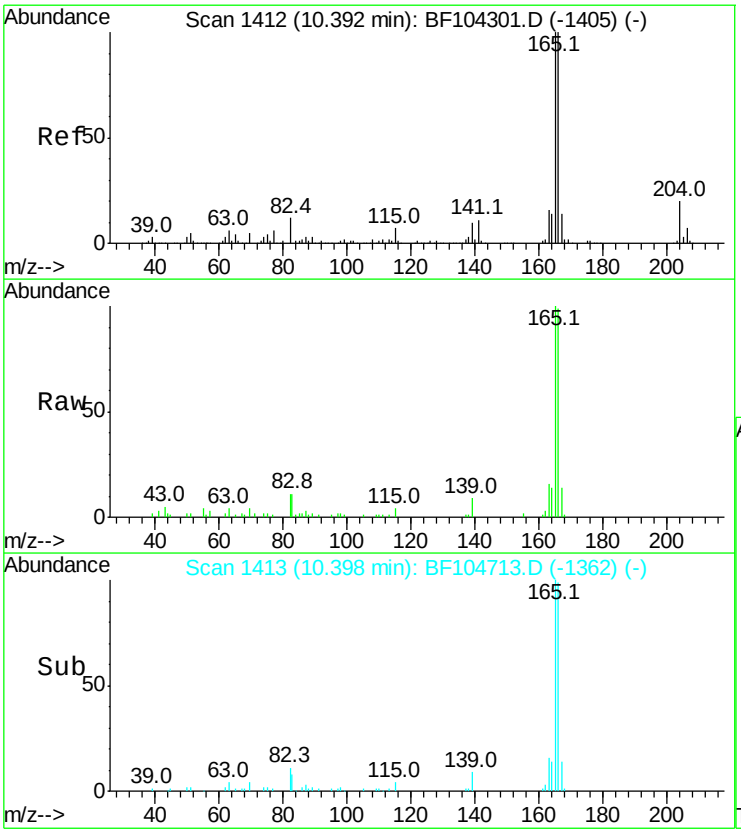
#56
2,4-Dinitrotoluene
Concen: 6.860 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20506

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

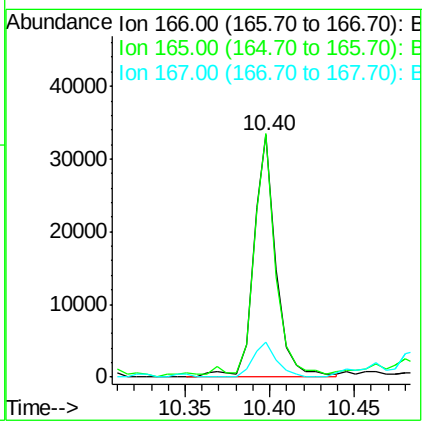


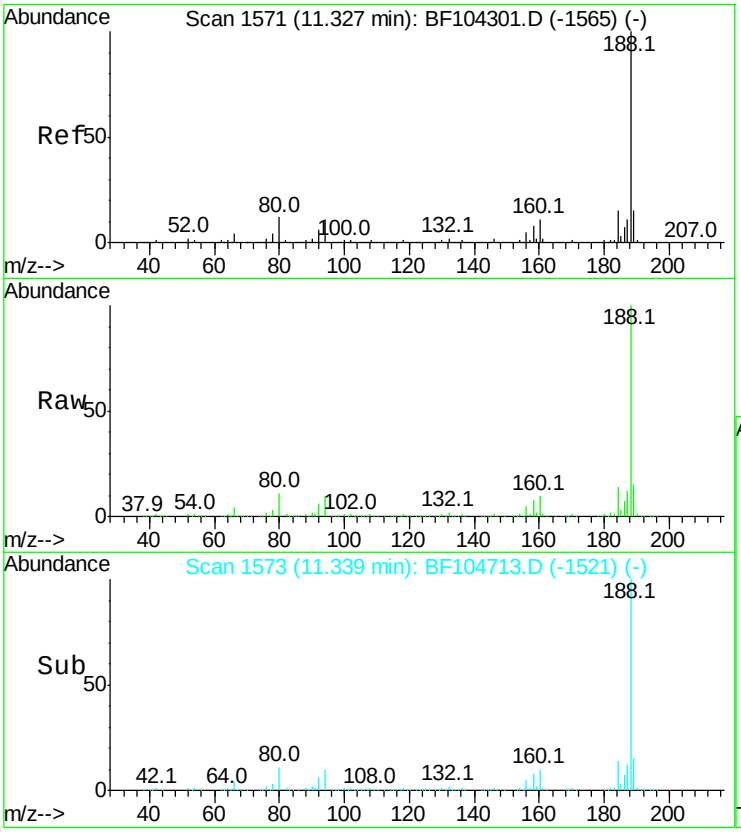


#57
Fluorene
Concen: 3.023 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:166 Resp: 30417

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	14.5	10.6	16.0



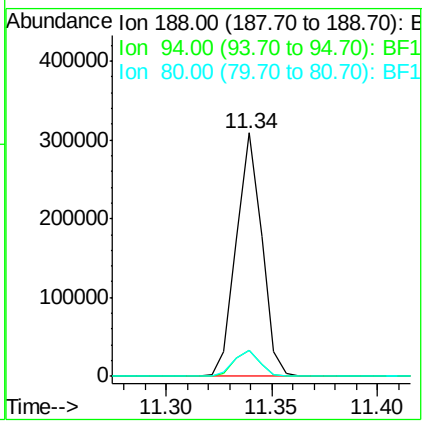


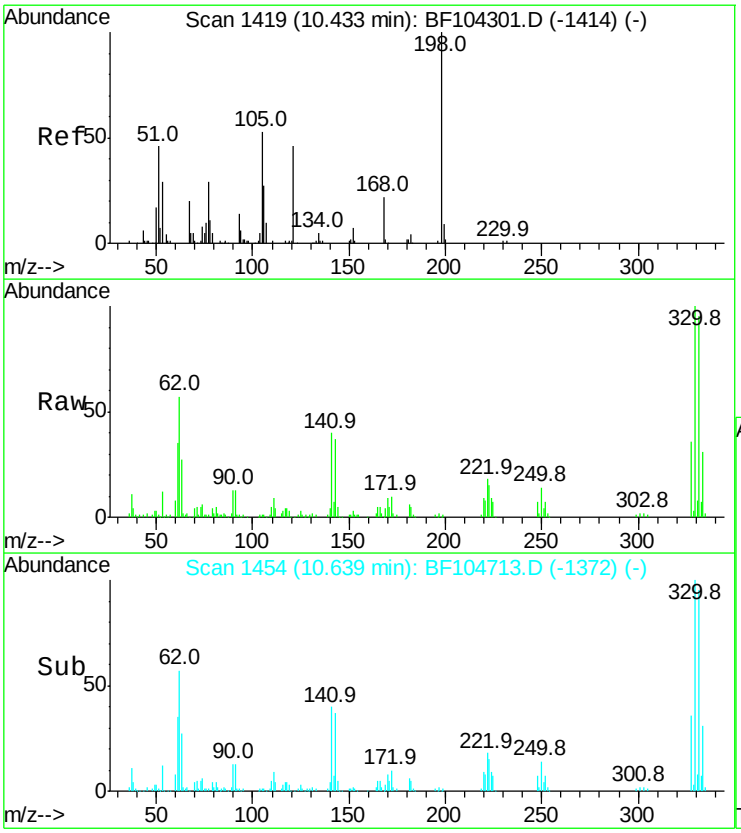
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 259008

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8

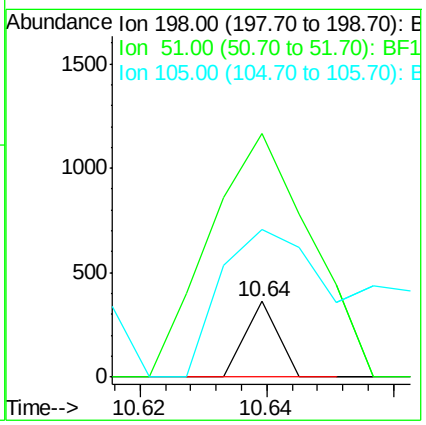


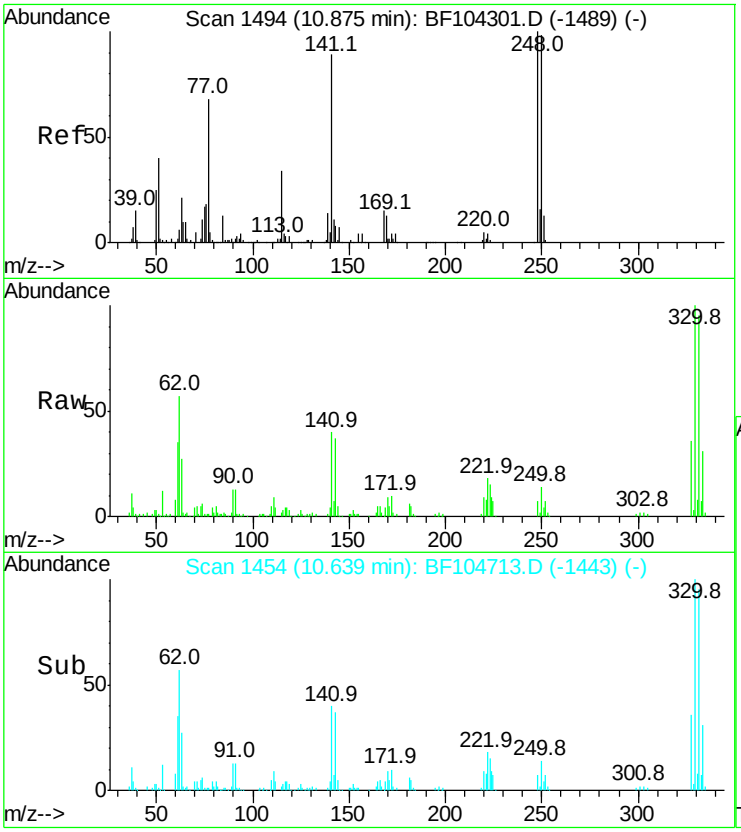


#64
4,6-Dinitro-2-methylphenol
Concen: 7.432 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:198 Resp: 127

Ion	Ratio	Lower	Upper
198	100		
51	323.0	37.7	77.7#
105	196.4	36.3	76.3#



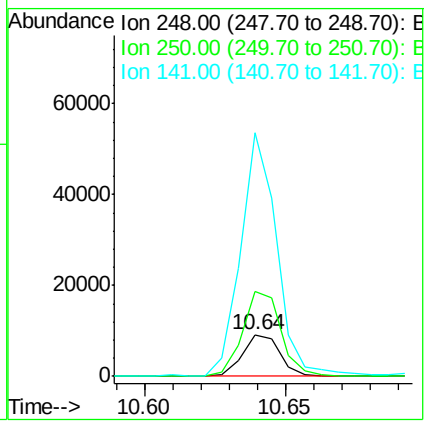


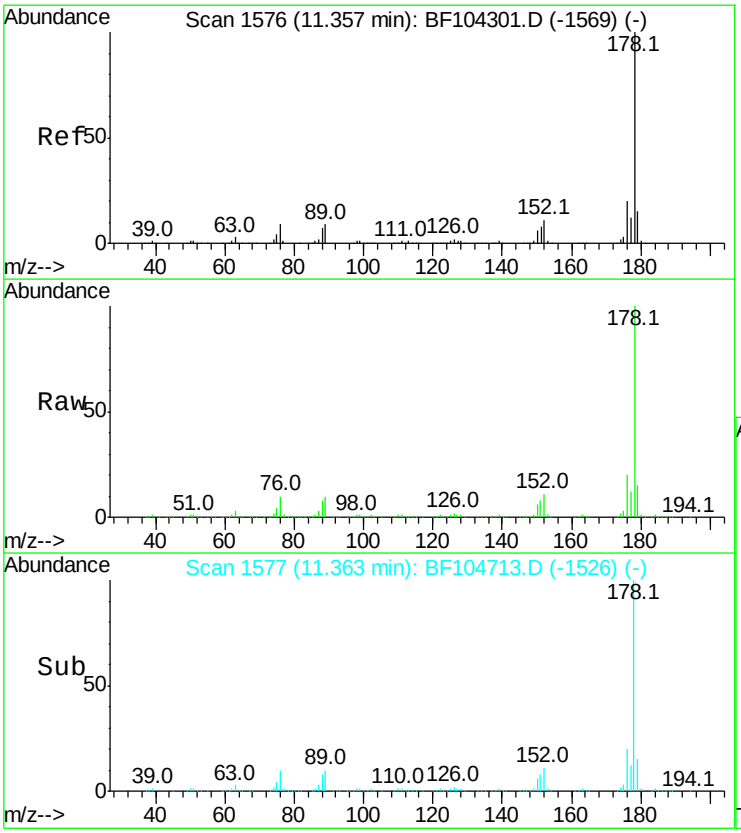
#66
4-Bromophenyl-phenylether
Concen: 3.053 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8410

Ion	Ratio	Lower	Upper
248	100		
250	203.6	76.9	115.3#
141	582.2	74.4	111.6#

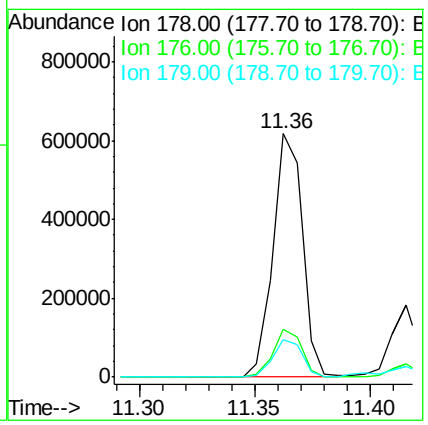


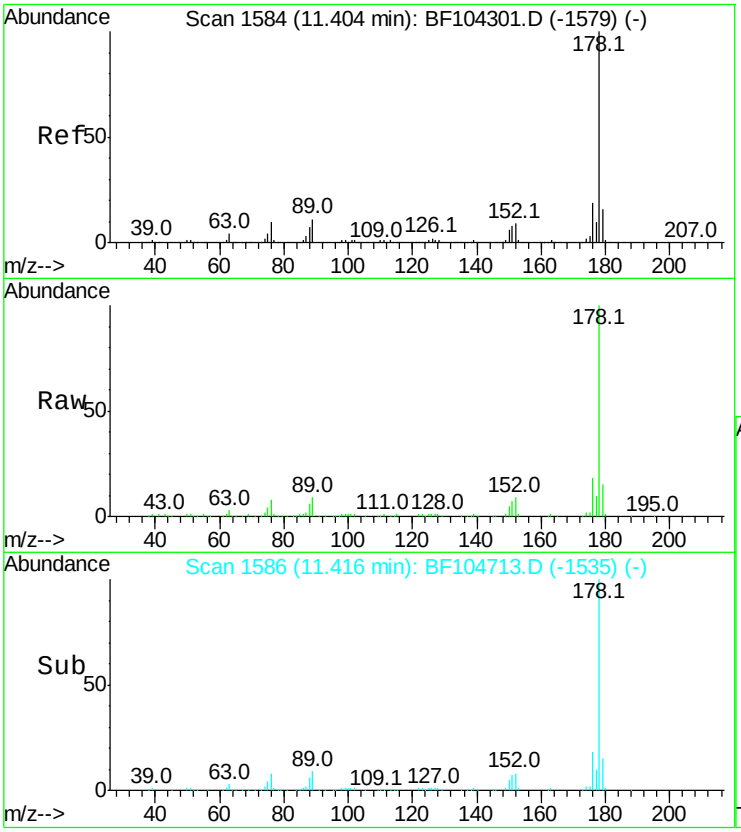


#70
Phenanthrene
Concen: 37.815 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:178 Resp: 545448

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



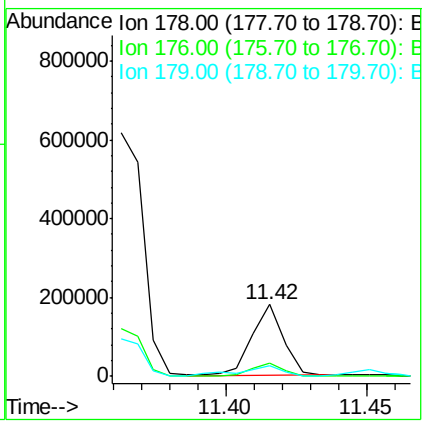


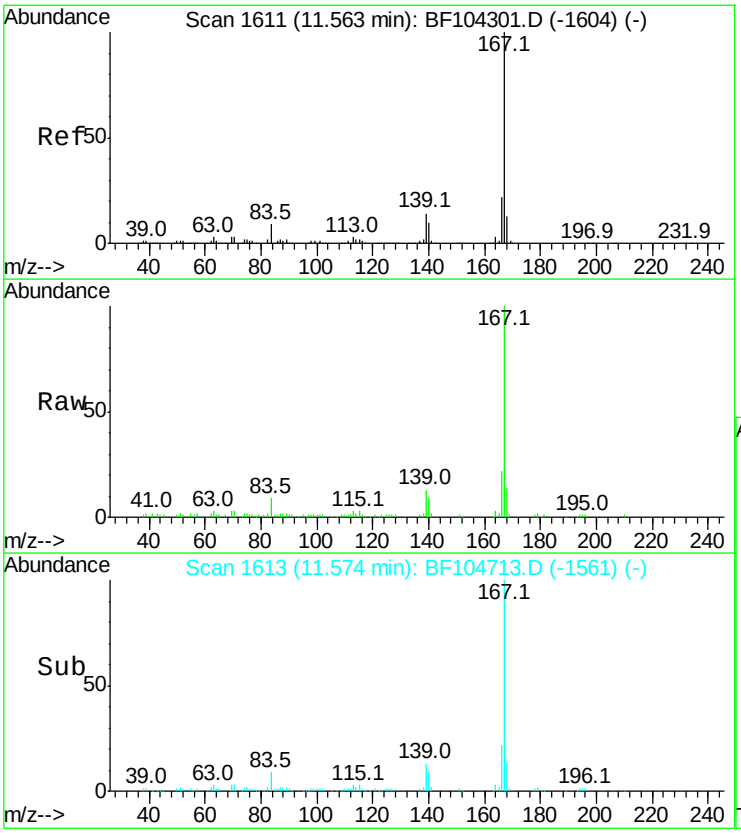
#71
Anthracene
Concen: 9.671 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 141792

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.4	12.6	19.0

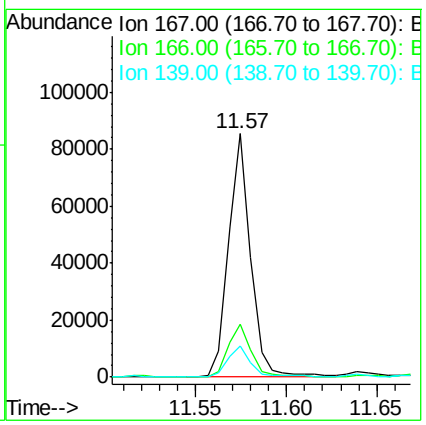


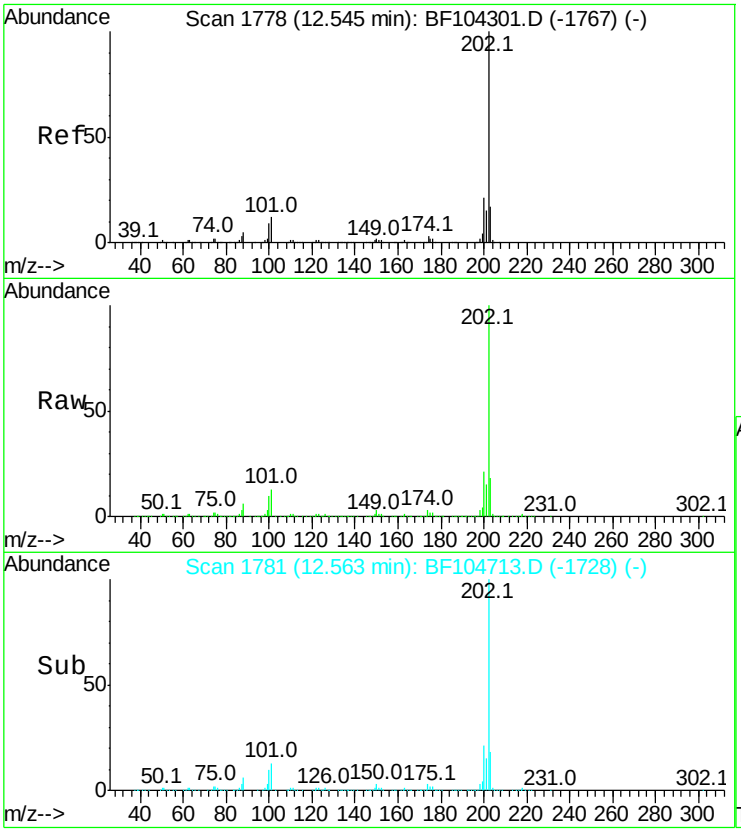


#72
Carbazole
Concen: 5.108 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:167 Resp: 73185

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.8	10.9	16.3



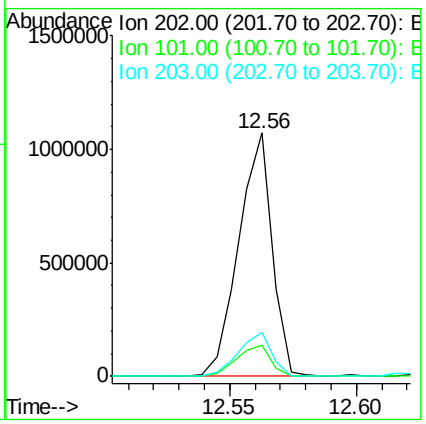


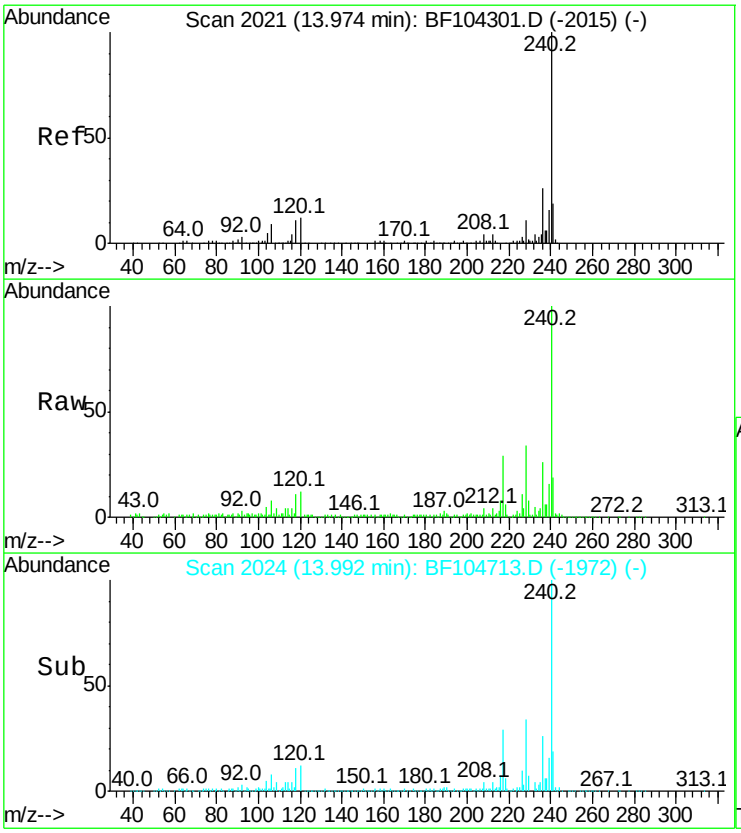
#74
Fluoranthene
Concen: 65.253 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 983375

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.9	0.0	38.1

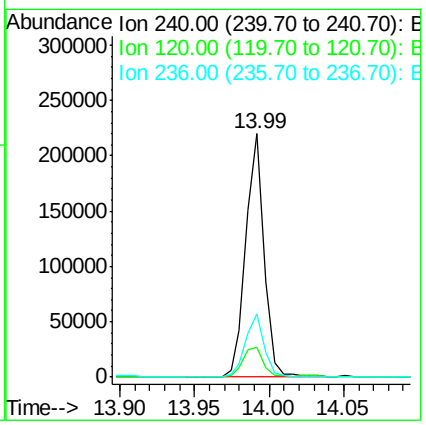


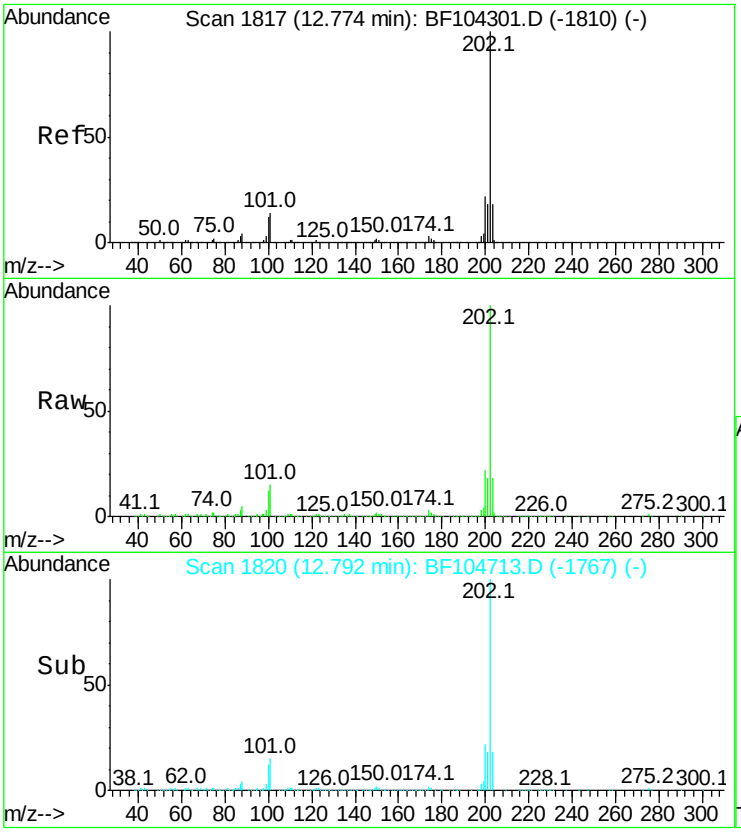


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:240 Resp: 185663

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.9	20.7	31.1



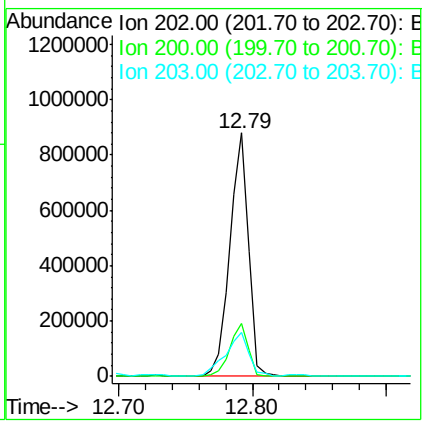


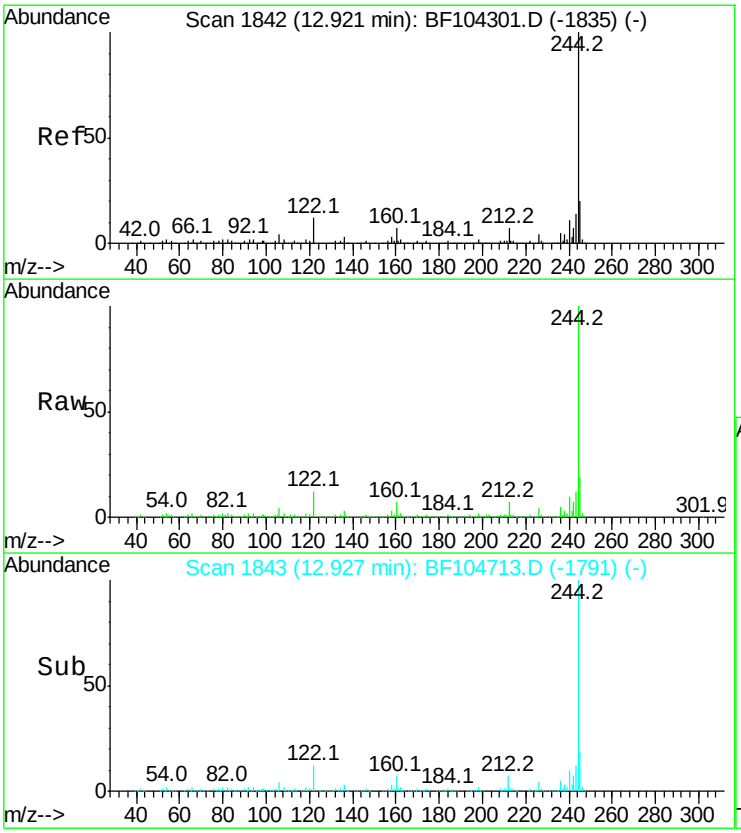
#77
Pyrene
Concen: 63.158 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 869176

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5

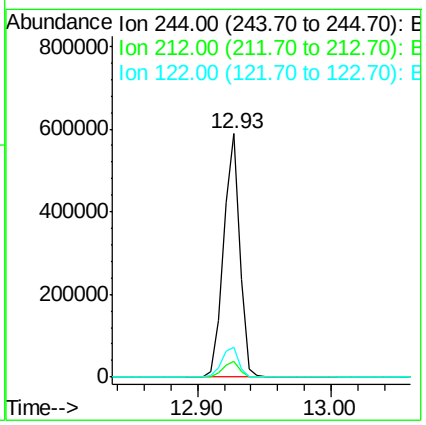


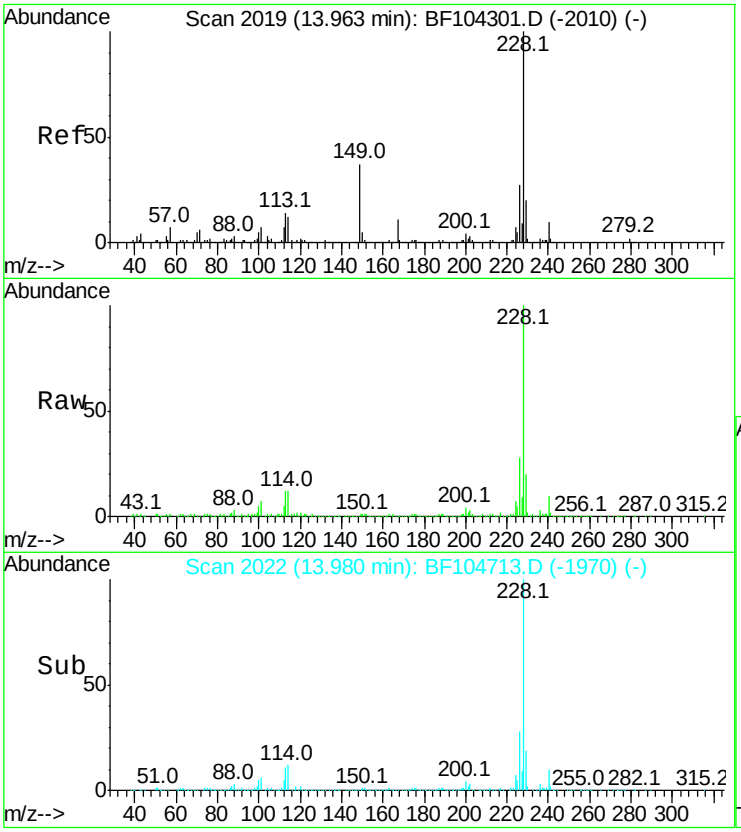


#78
Terphenyl-d14
Concen: 62.034 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:244 Resp: 505187

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.3	11.0	16.4



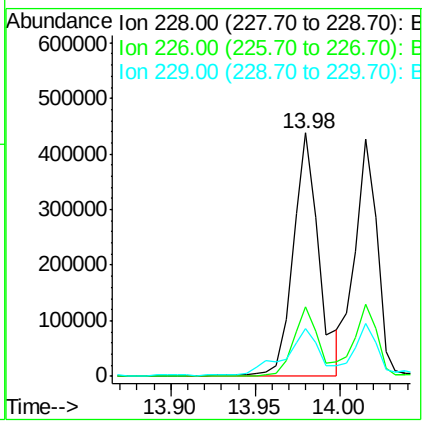


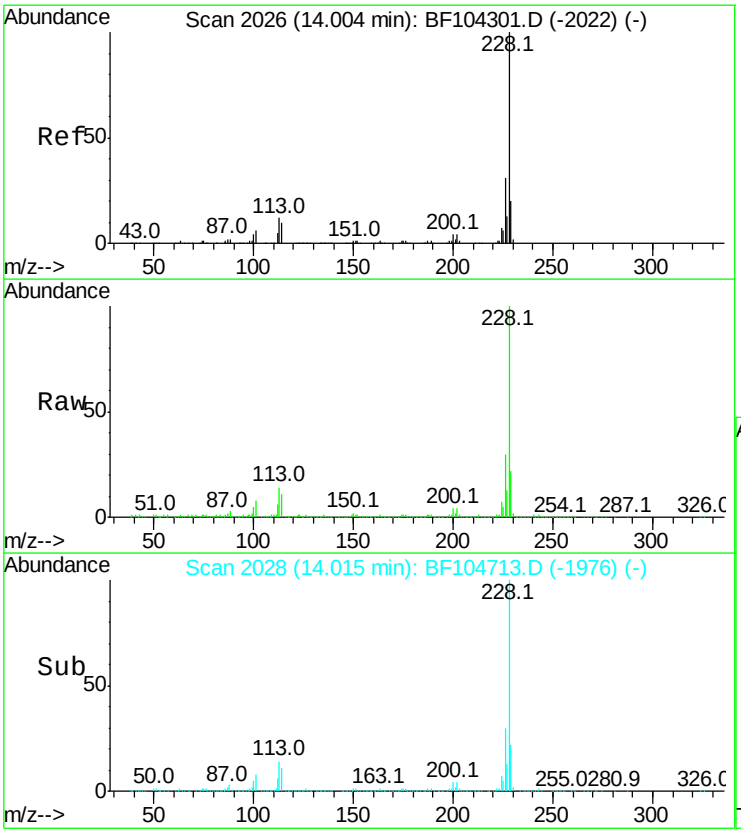
#80
Benzo(a)anthracene
Concen: 41.687 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 462380

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.7	15.8	23.6

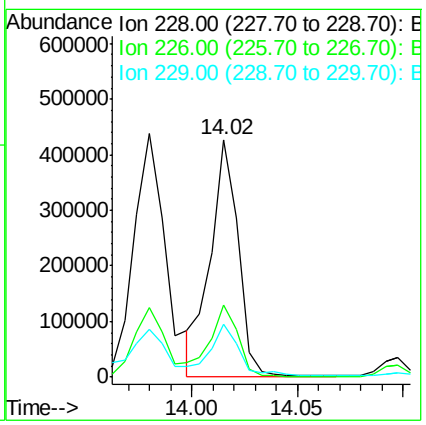


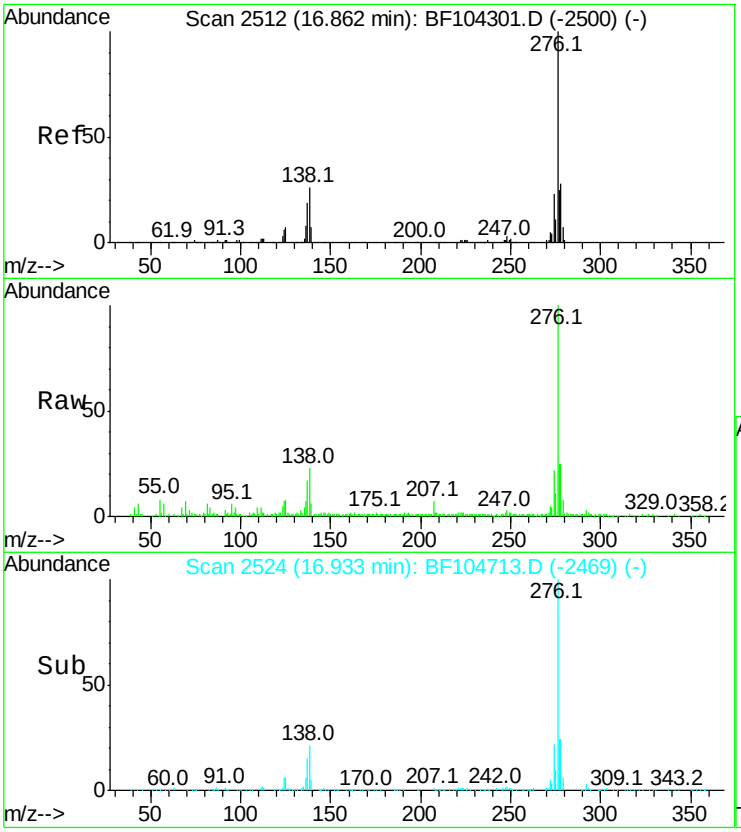


#82
Chrysene
Concen: 34.518 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:228 Resp: 393261

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.1	16.2	24.4



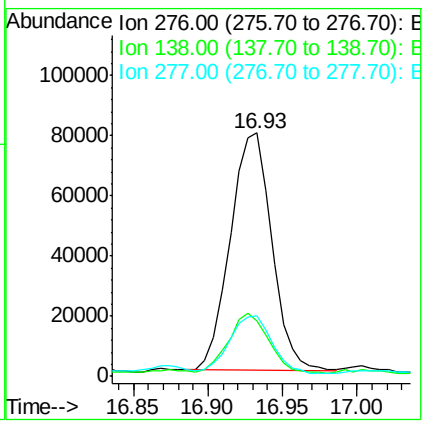


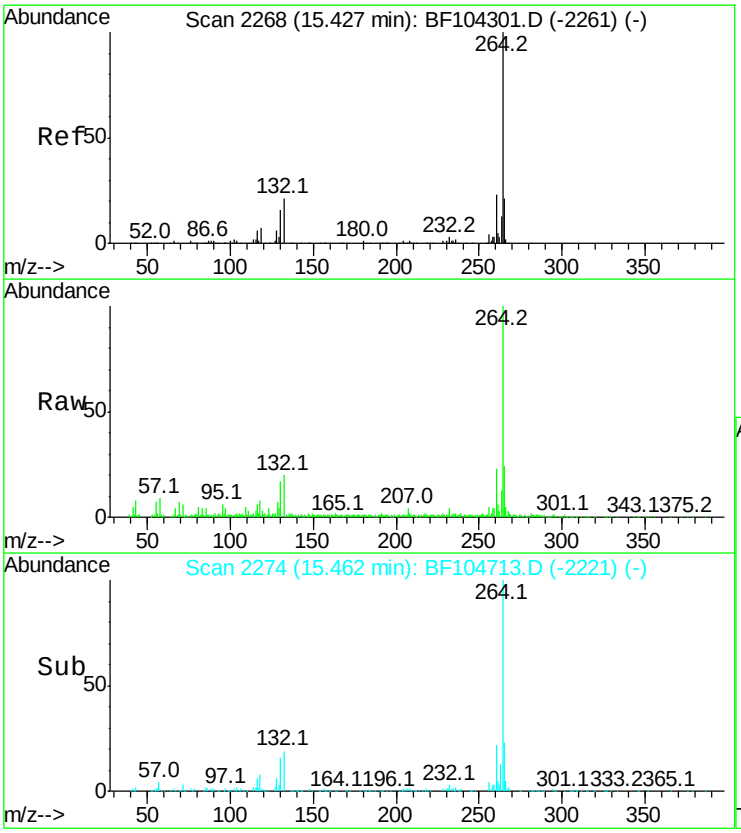
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.816 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.02 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 153073

Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	24.8	20.1	30.1

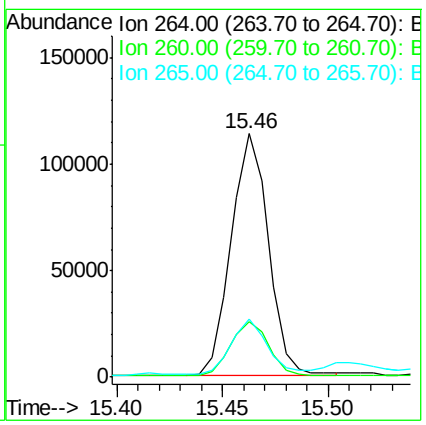


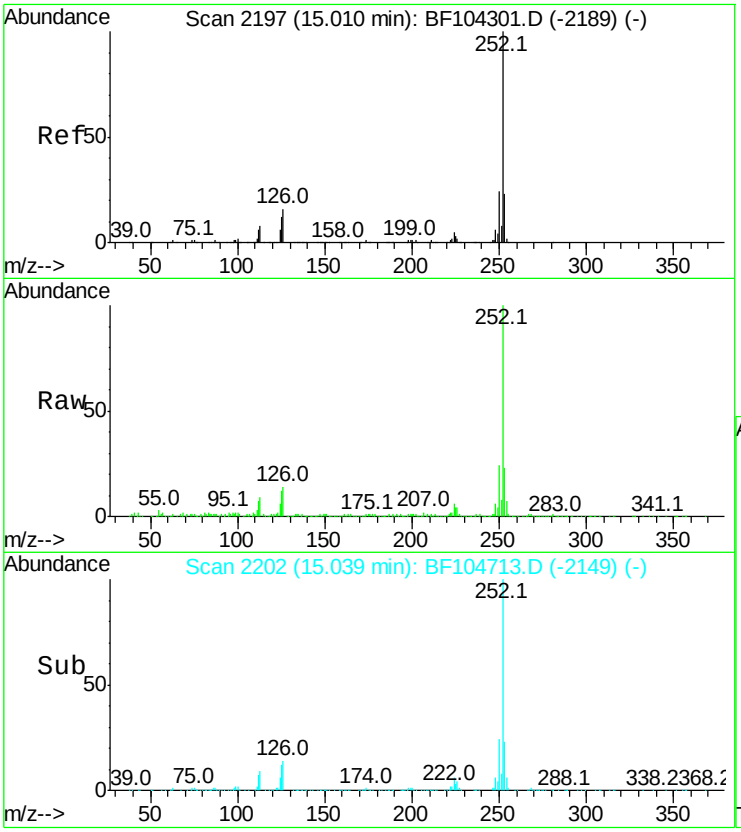


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:264 Resp: 138862

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	23.6	17.5	26.3



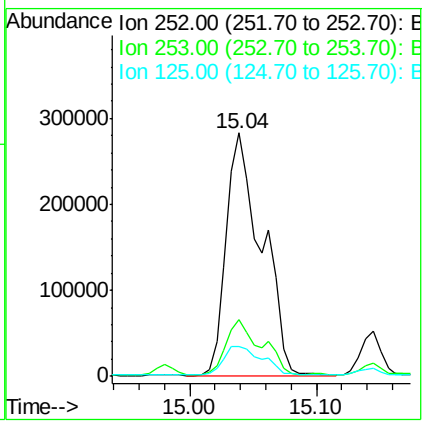


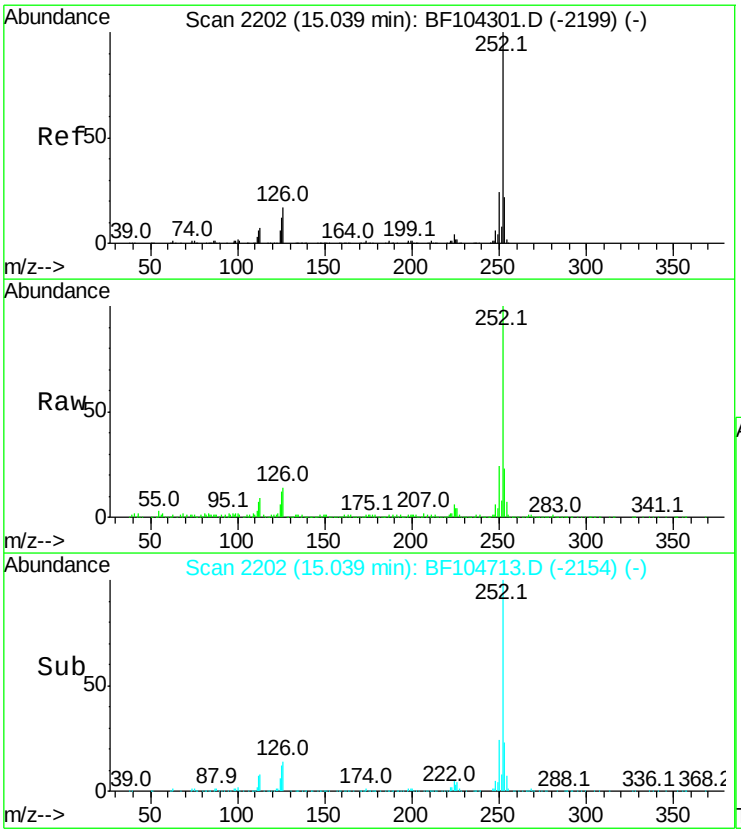
#87
Benzo(b)fluoranthene
Concen: 62.661 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 549551

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	12.5	9.0	13.6

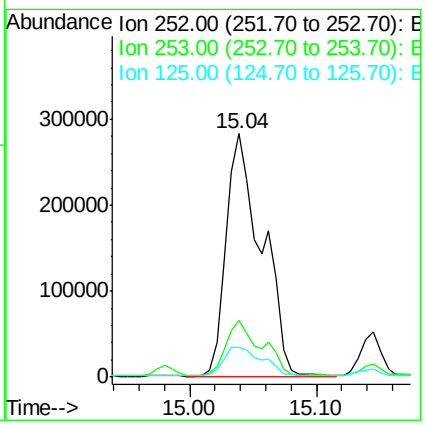


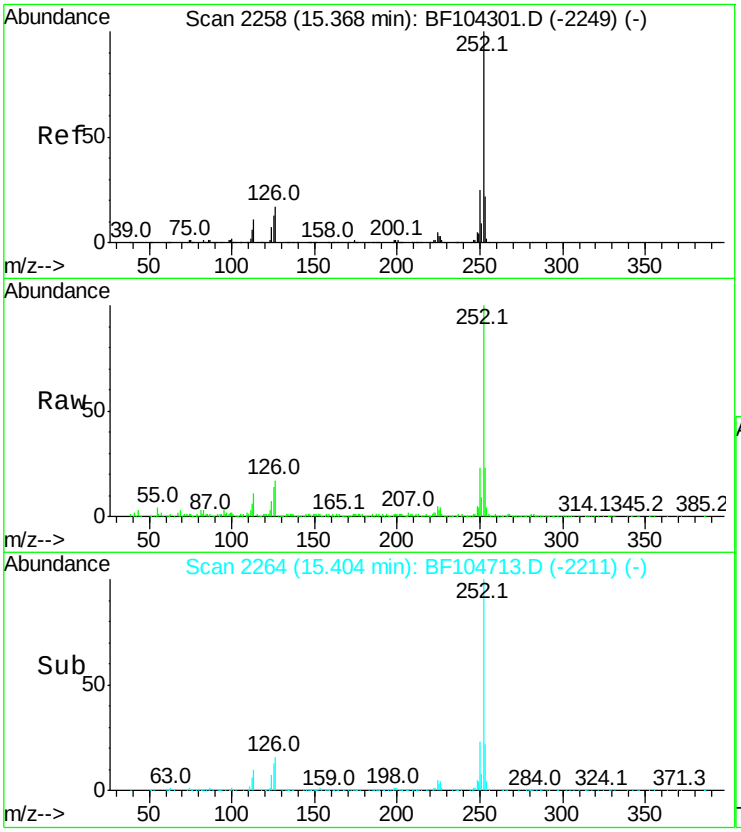


#88
Benzo(k)fluoranthene
Concen: 66.371 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:252 Resp: 549551

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.5	10.2	15.2



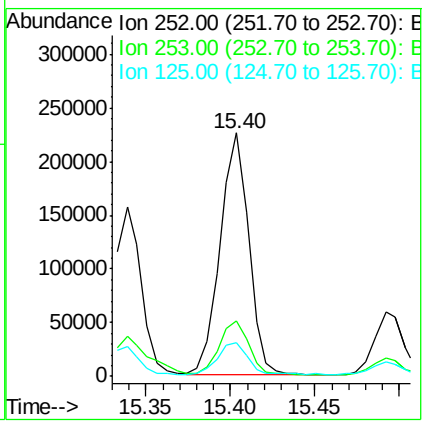


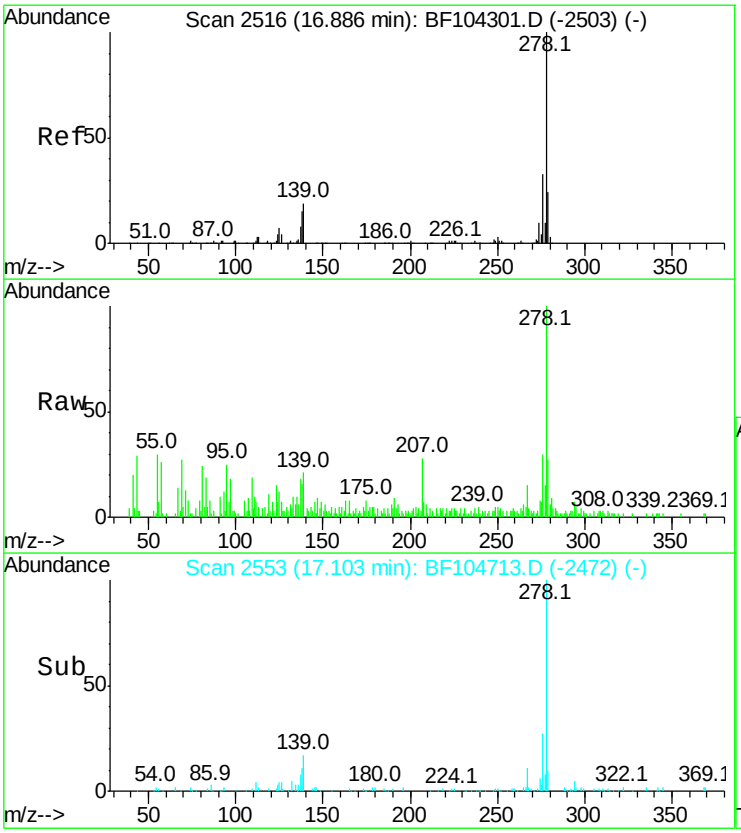
#89
Benzo(a)pyrene
Concen: 34.213 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 268476

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.0	9.8	14.6

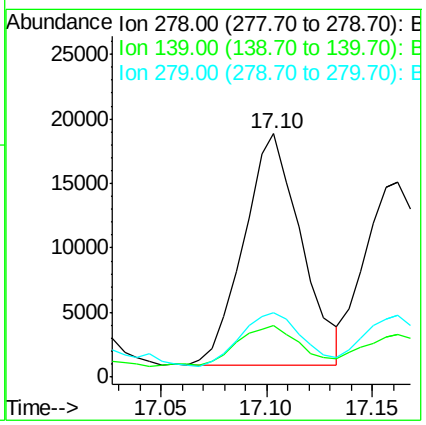


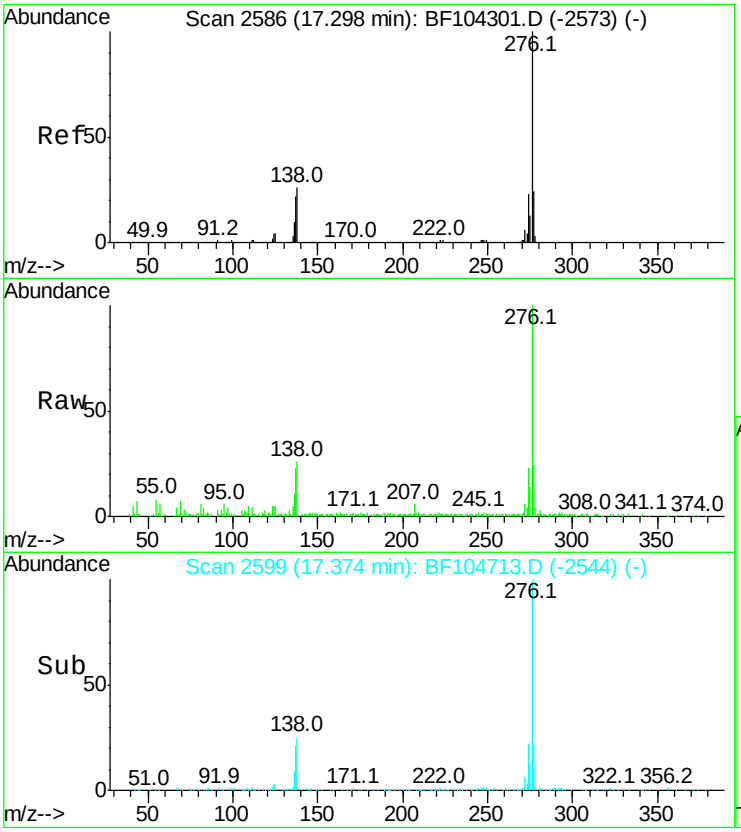


#90
Dibenzo(a,h)anthracene
Concen: 5.249 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.18 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Tgt Ion:278 Resp: 33832

Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	26.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 23.581 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.02 min
Lab File: BF104713.D
Acq: 23 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 147239

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	25.6	21.8	32.8