Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104573.D
Acq On : 17 Apr 2018 20:37
Operator : JU/SJ
Sample : J2387-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 00:51:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 17:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128279	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	488519	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	196620	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	332709	20.00	ng		0.00
75) Chrysene-d12	13.98	240	281873	20.00	ng		0.00
86) Perylene-d12	15.44	264	239773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	739859	88.19	ng		0.00
7) Phenol-d6	6.44	99	906328	87.93	ng		0.00
23) Nitrobenzene-d5	7.37	82	511482	68.37	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	182158	89.31	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	719619	57.82	ng		0.00
78) Terphenyl-d14	12.92	244	589582	47.69	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1912	Below Cal		#	1
10) Phenol	6.45	94	40772	3.728	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	67444	10.013	ng	#	72
25) Isophorone	7.37	82	511474	32.330	ng	#	64
48) Acenaphthylene	9.70	152	68867	3.364	ng		99
49) Dimethylphthalate	9.56	163	106394	6.862	ng		99
64) 4,6-Dinitro-2-methylphenol	10.63	198	275	7.491	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	10927	3.088	ng	#	1
70) Phenanthrene	11.36	178	51394	2.774	ng		99
71) Anthracene	11.40	178	64370	3.418	ng		99
74) Fluoranthene	12.54	202	158508	8.188	ng		99
76) Benzidine	12.64	184	374	Below Cal		#	1
77) Pyrene	12.77	202	240491	11.510	ng		98
80) Benzo(a)anthracene	14.00	228	155463	9.232	ng		95
82) Chrysene	14.00	228	155463	8.988	ng		98
85) Indeno(1,2,3-cd)pyrene	16.89	276	49233	3.351	ng		93
87) Benzo(b)fluoranthene	15.02	252	175477	11.587	ng	#	93
88) Benzo(k)fluoranthene	15.02	252	175477	12.274	ng	#	95
89) Benzo(a)pyrene	15.38	252	149060	11.001	ng		98
91) Benzo(g,h,i)perylene	17.33	276	50264	4.662	ng		93

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

Quantitation Report (Not Reviewed)

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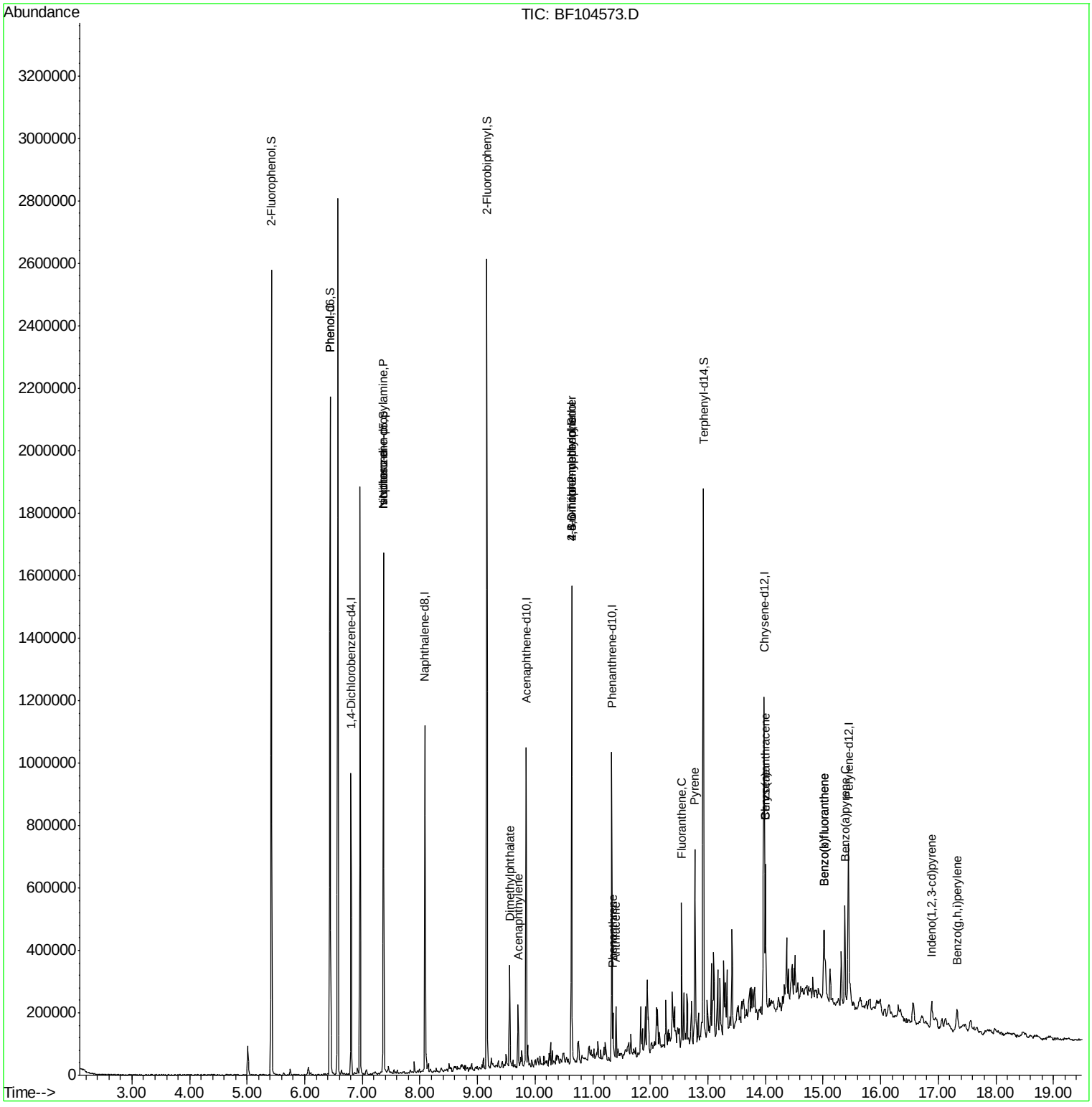
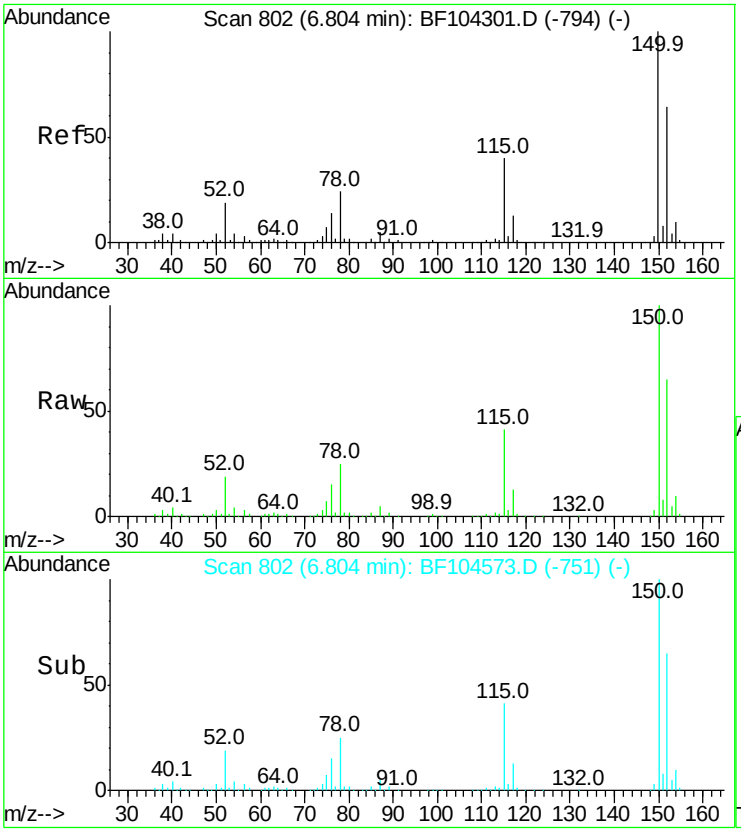


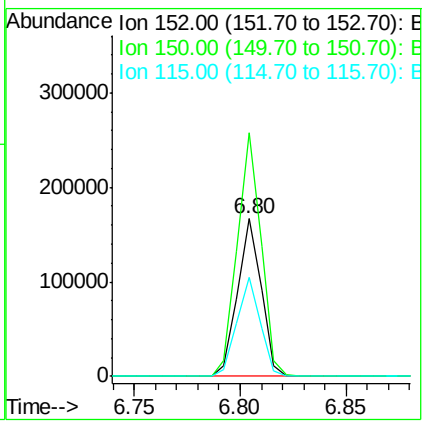


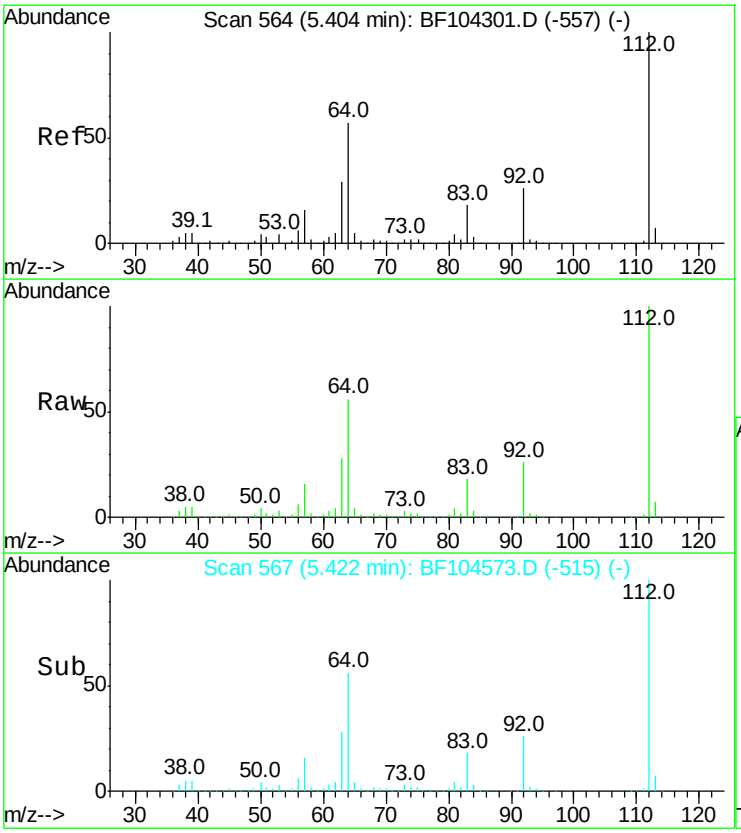
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128279

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	62.7	50.1	75.1

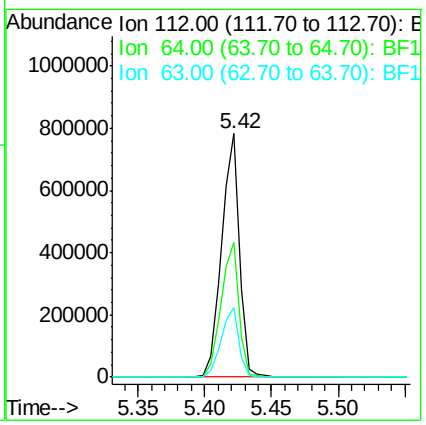


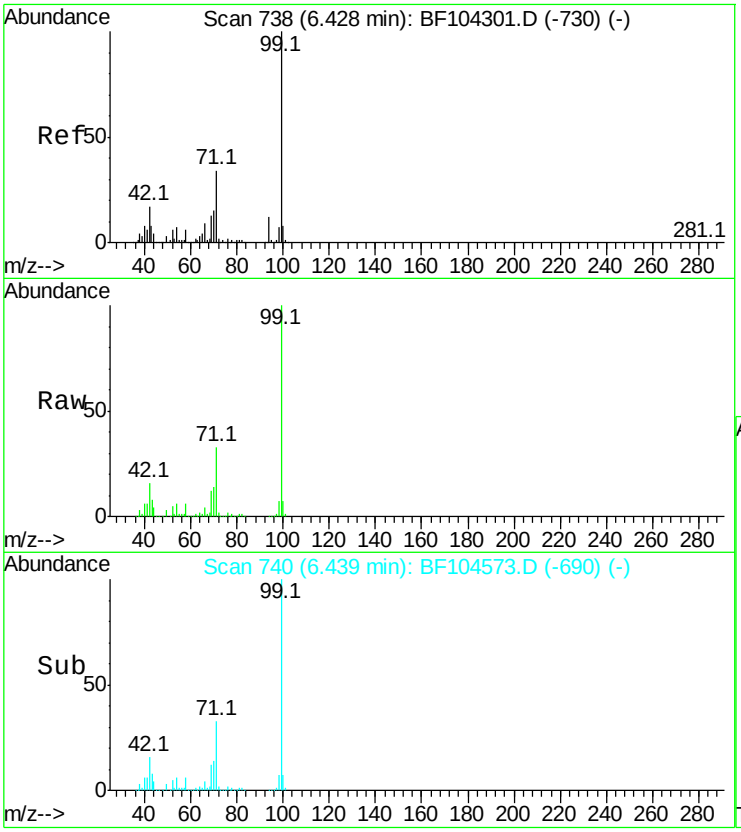


#5
2-Fluorophenol
Concen: 88.189 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:112 Resp: 739859

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.4	23.7	35.5



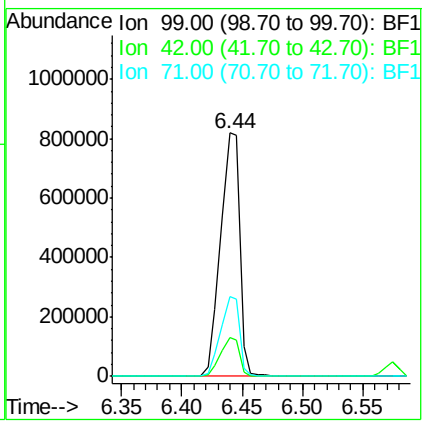


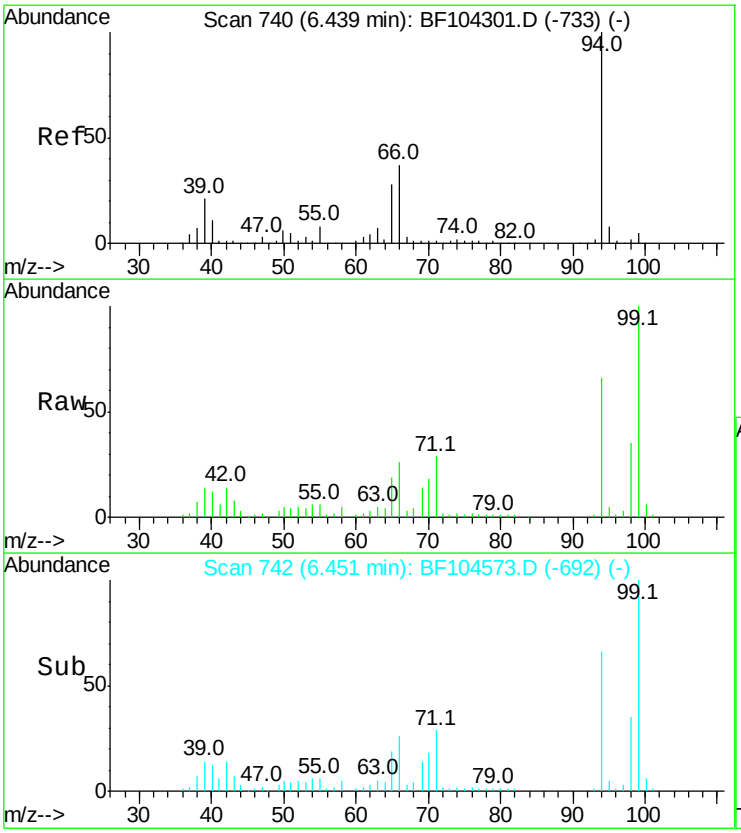
#7
Phenol-d6
Concen: 87.926 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 906328

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.0	25.4	38.0

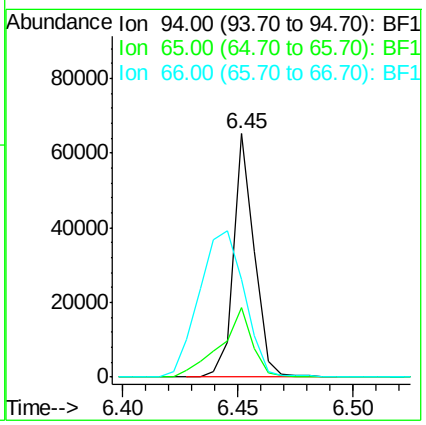


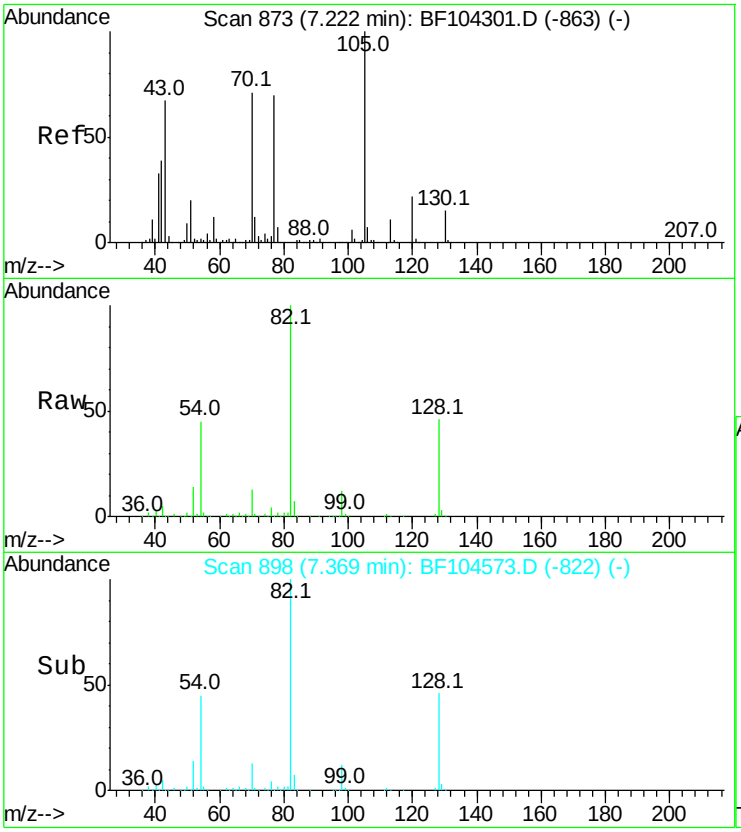


#10
Phenol
Concen: 3.728 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion: 94 Resp: 40772

Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.9	47.9
66	40.0	16.2	56.2



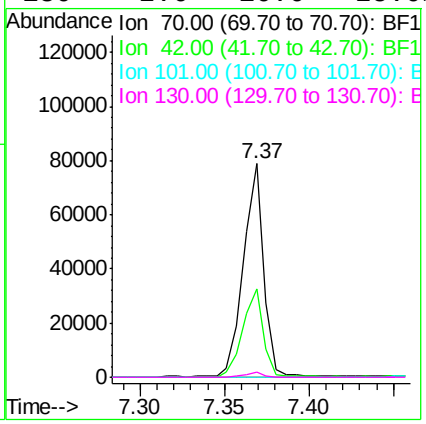


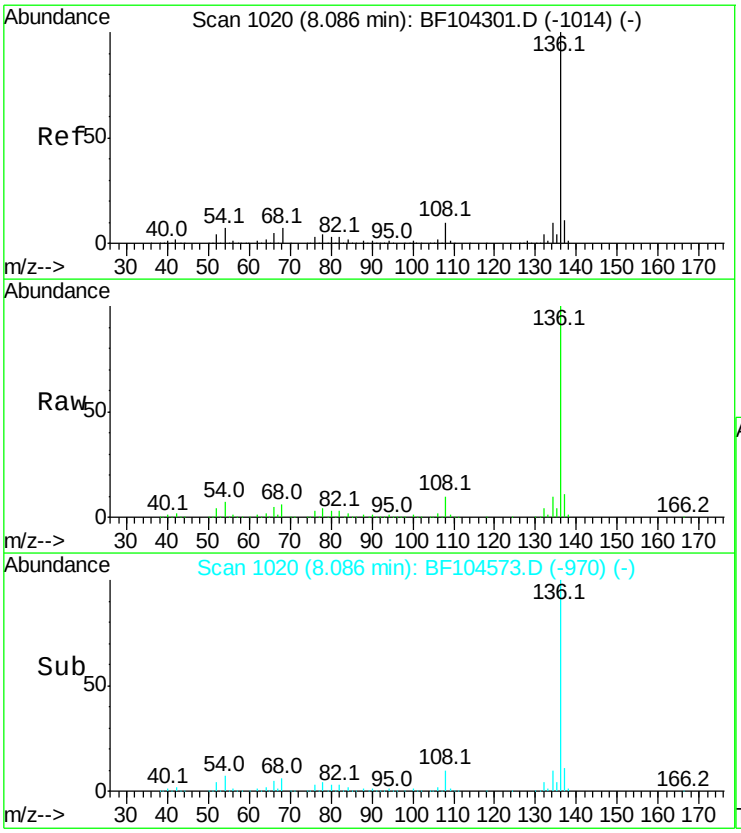
#19
n-Nitroso-di-n-propylamine
Concen: 10.013 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 67444

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

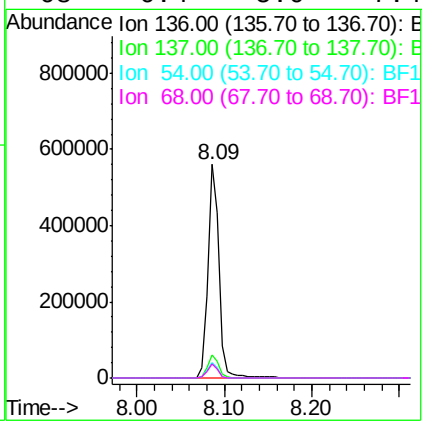


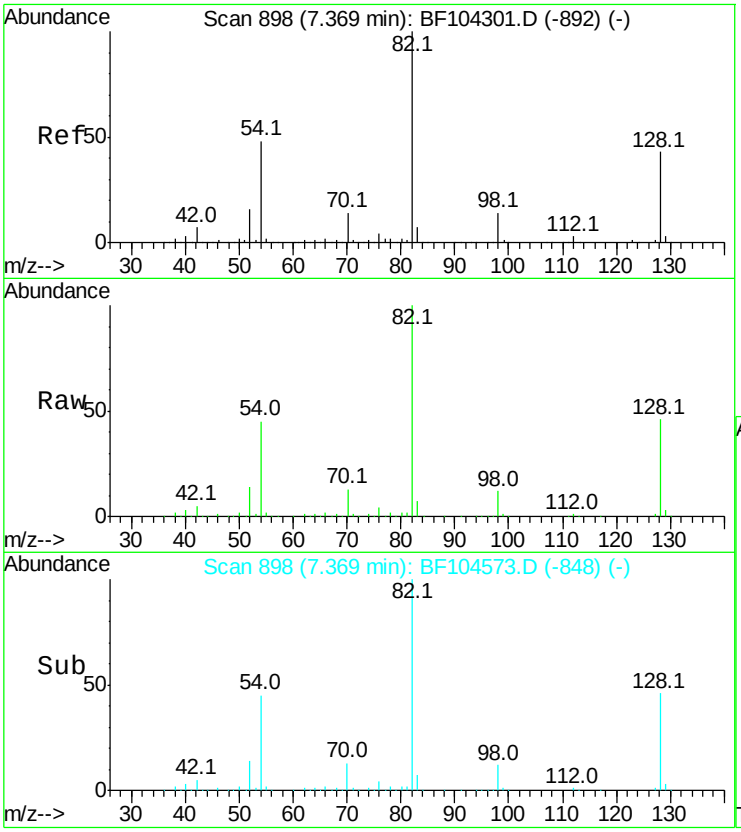


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:136 Resp: 488519

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	6.4	5.0	7.4



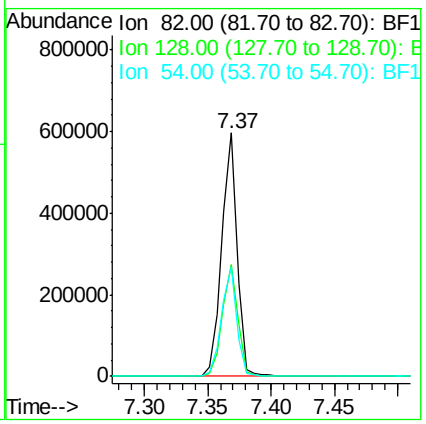


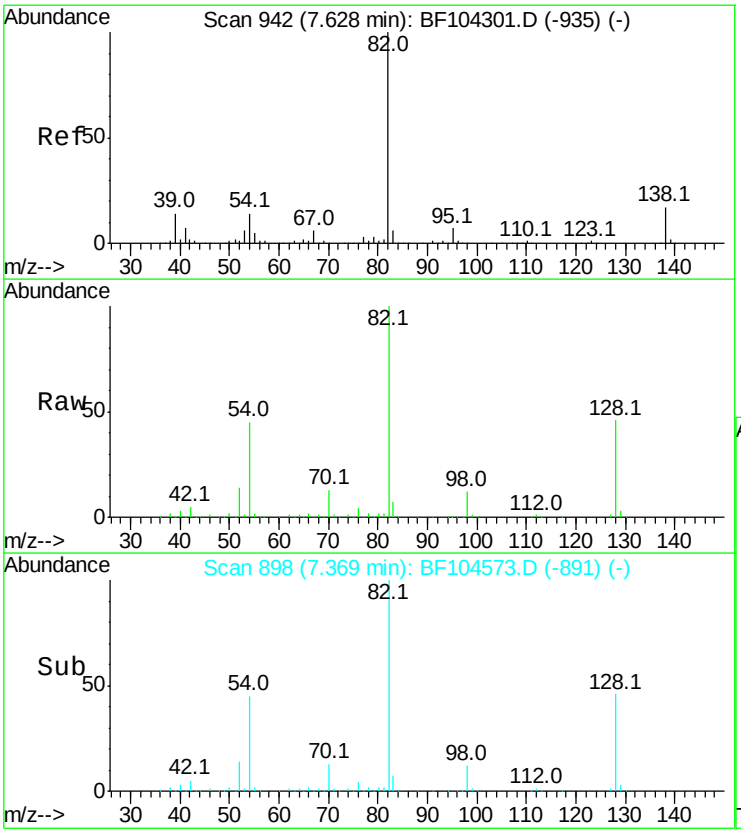
#23
Nitrobenzene-d5
Concen: 68.367 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 511482

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	45.0	41.4	62.2

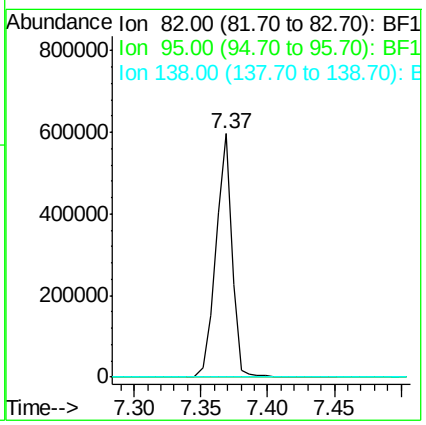


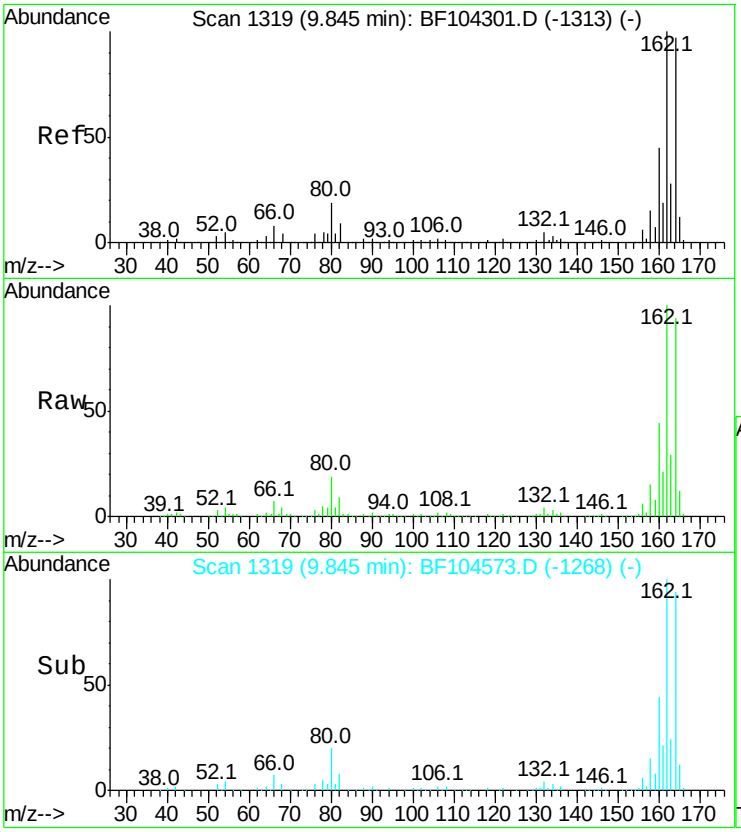


#25
Isophorone
Concen: 32.330 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion: 82 Resp: 511474

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



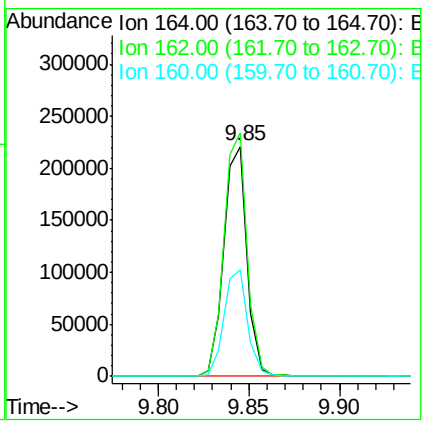


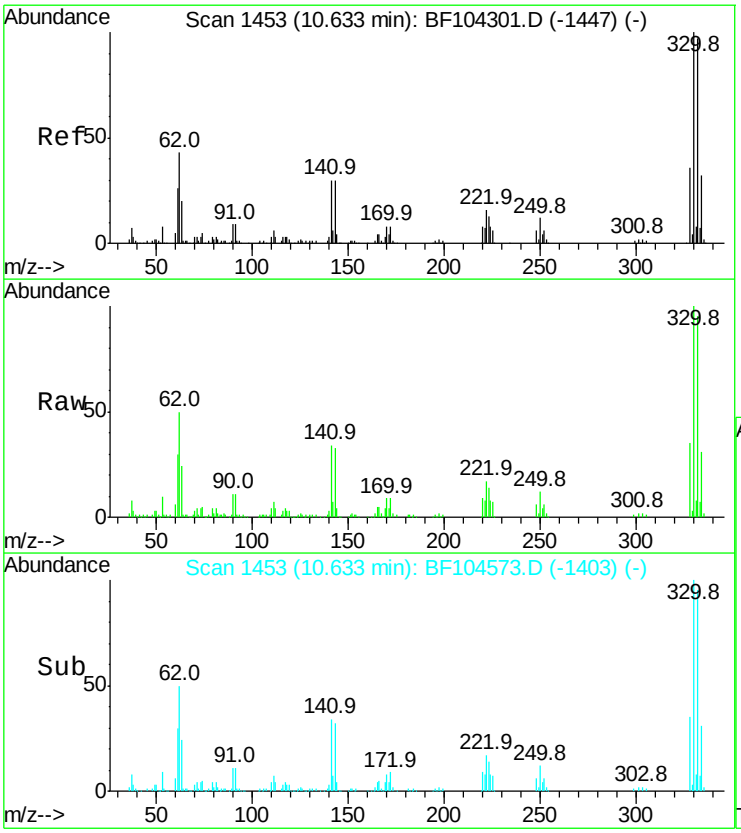
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 196620

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.7	38.3	57.5

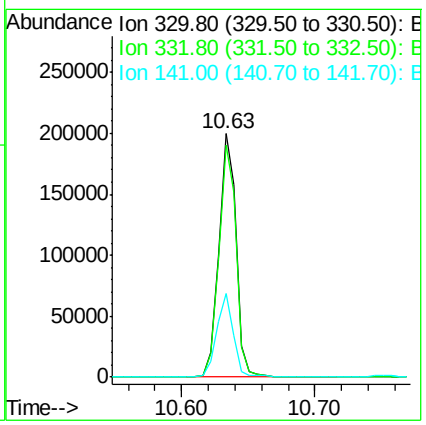


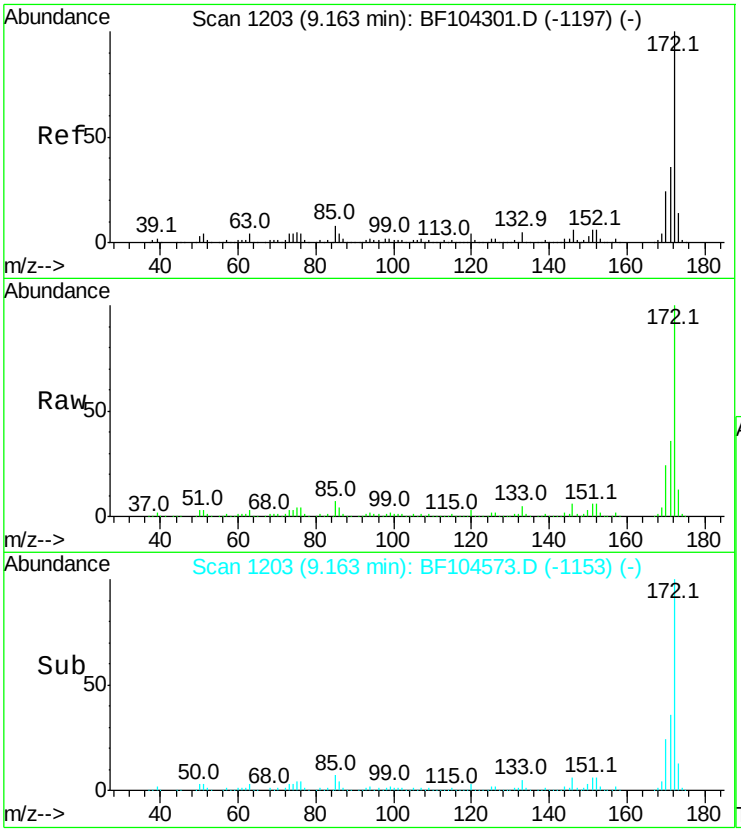


#41
2,4,6-Tribromophenol
Concen: 89.311 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:330 Resp: 182158

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.3	29.9	44.9



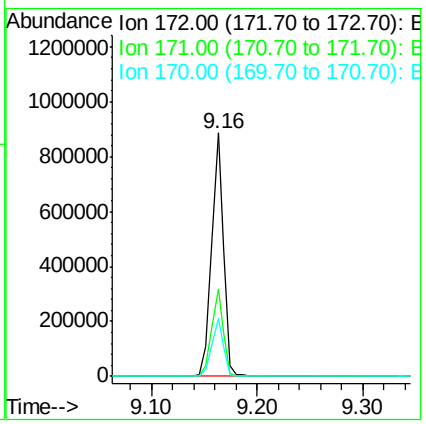


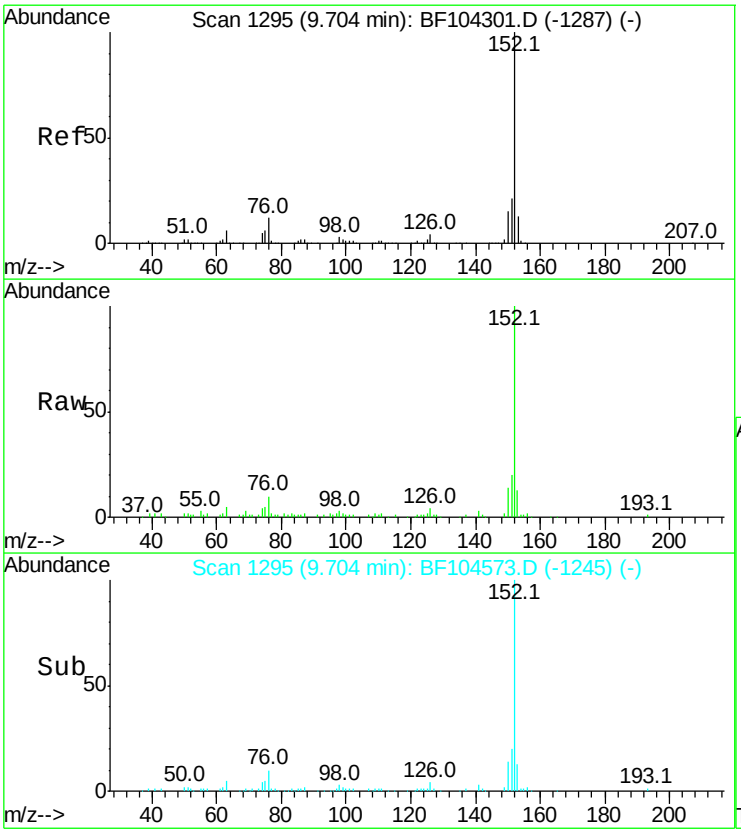
#44
2-Fluorobiphenyl
Concen: 57.818 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 719619

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

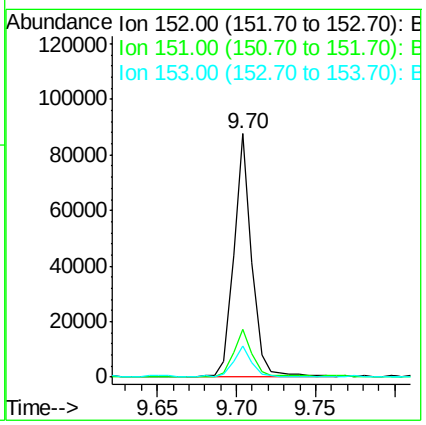


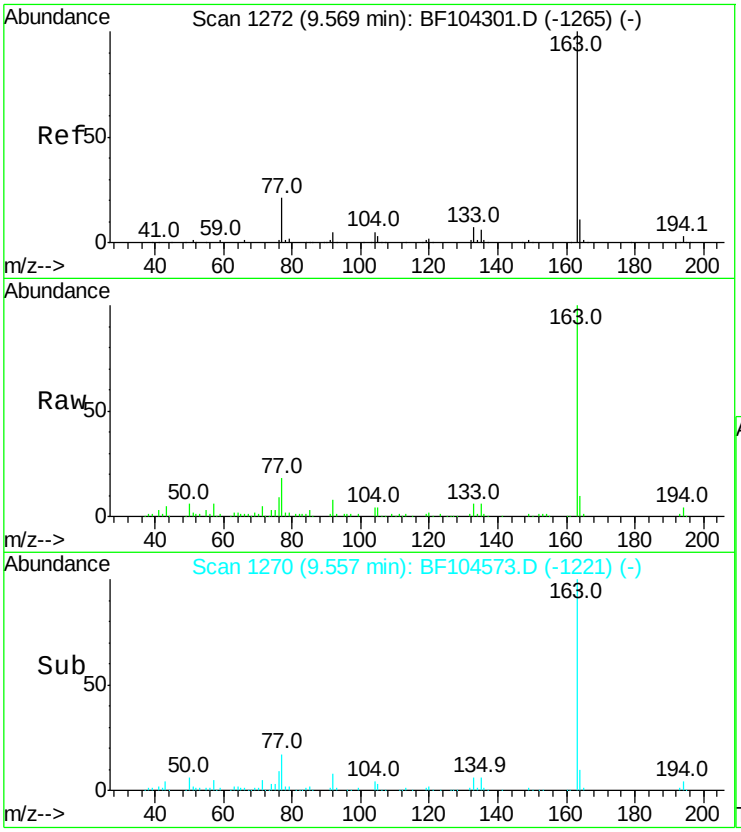


#48
Acenaphthylene
Concen: 3.364 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:152 Resp: 68867

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.1	10.7	16.1



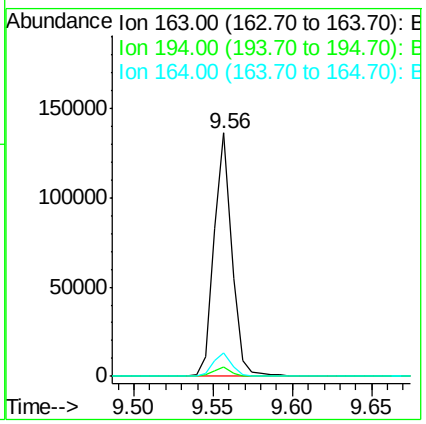


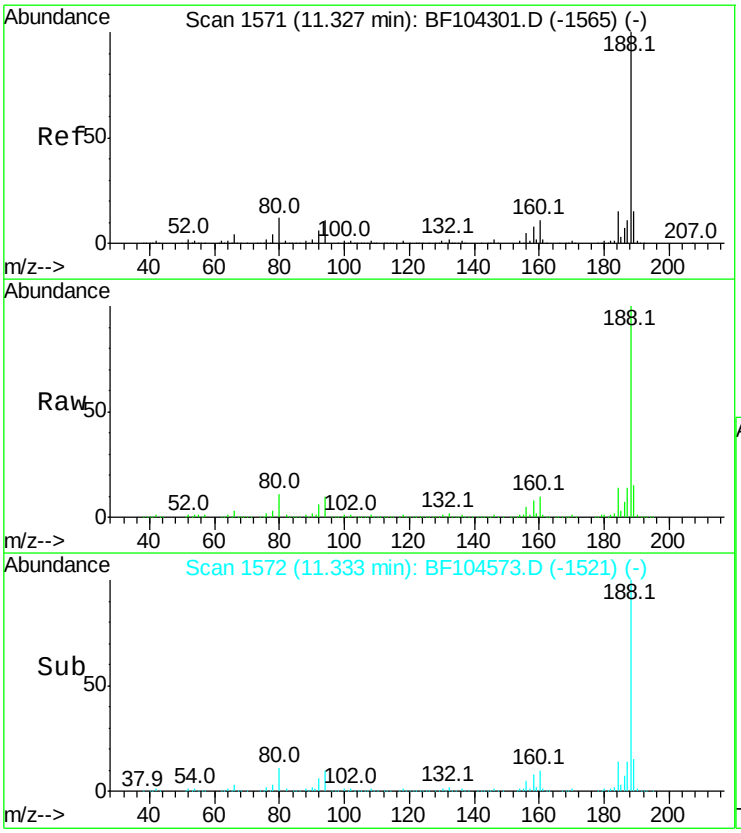
#49
Dimethylphthalate
Concen: 6.862 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 106394

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2

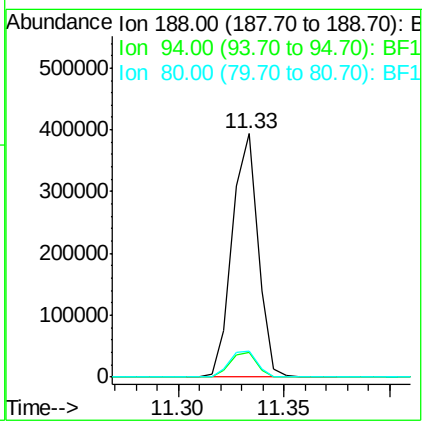


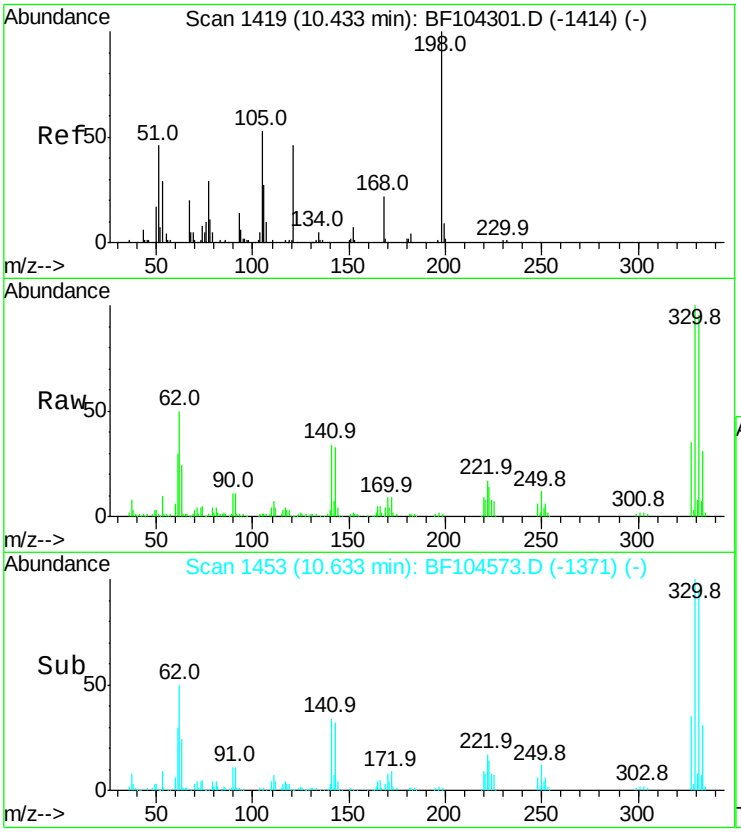


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:188 Resp: 332709

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.7	9.2	13.8



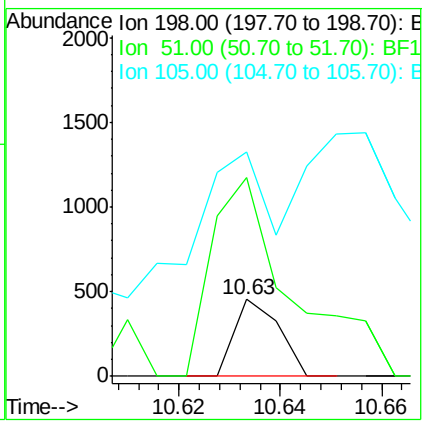


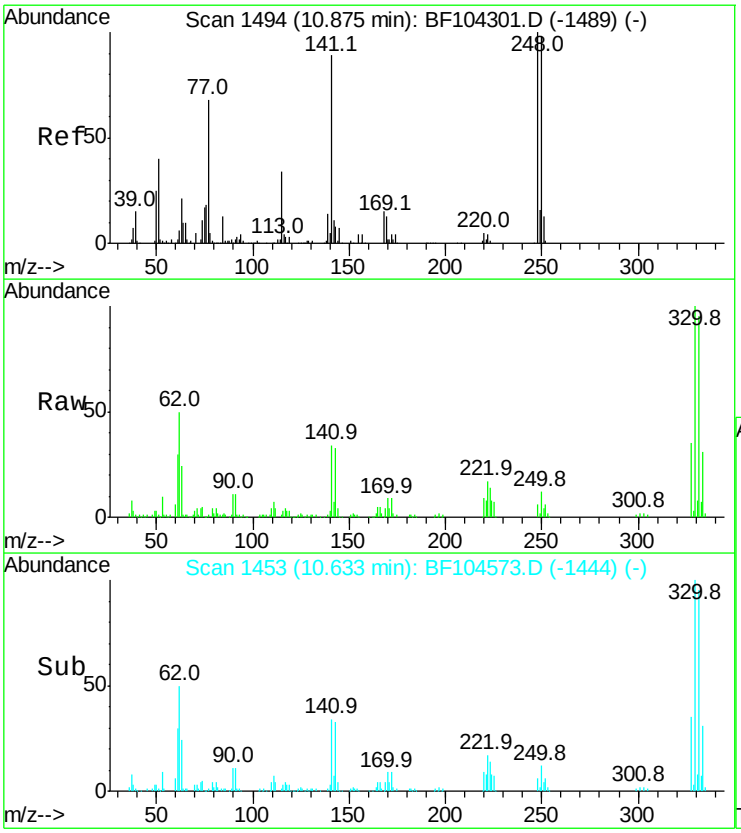
#64
4,6-Dinitro-2-methylphenol
Concen: 7.491 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 275

Ion	Ratio	Lower	Upper
198	100		
51	257.7	37.7	77.7#
105	291.0	36.3	76.3#

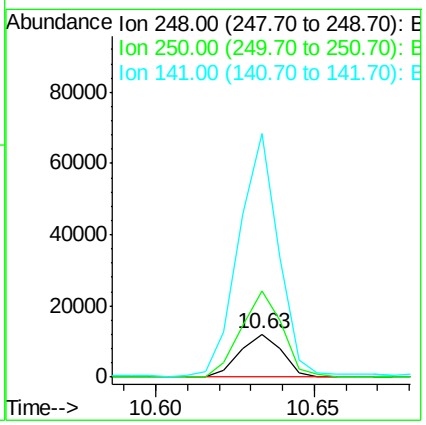


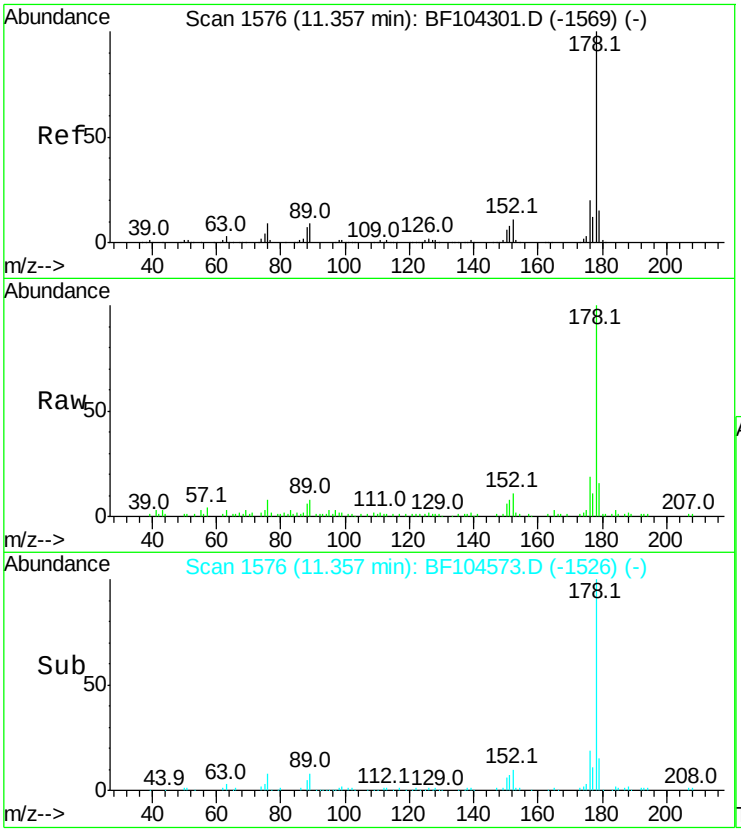


#66
4-Bromophenyl-phenylether
Concen: 3.088 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:248 Resp: 10927

Ion	Ratio	Lower	Upper
248	100		
250	200.3	76.9	115.3#
141	563.6	74.4	111.6#



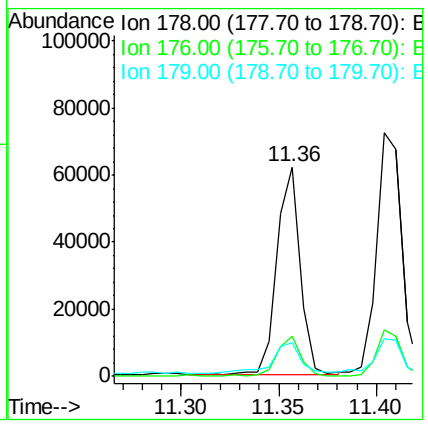


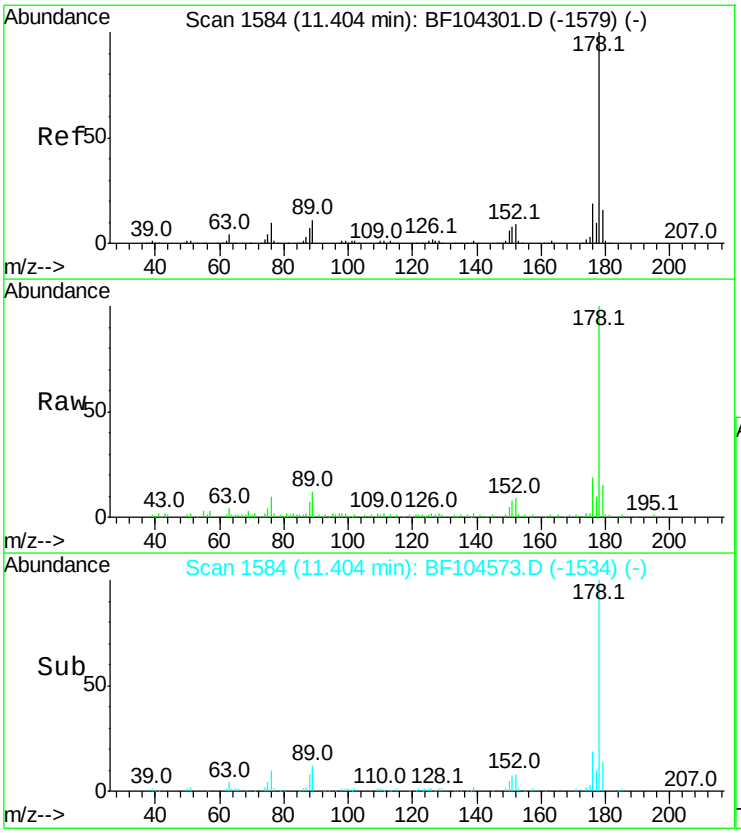
#70
Phenanthrene
Concen: 2.774 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 51394

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	16.1	13.0	19.6

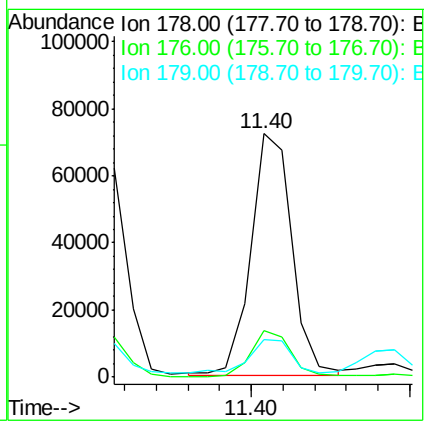


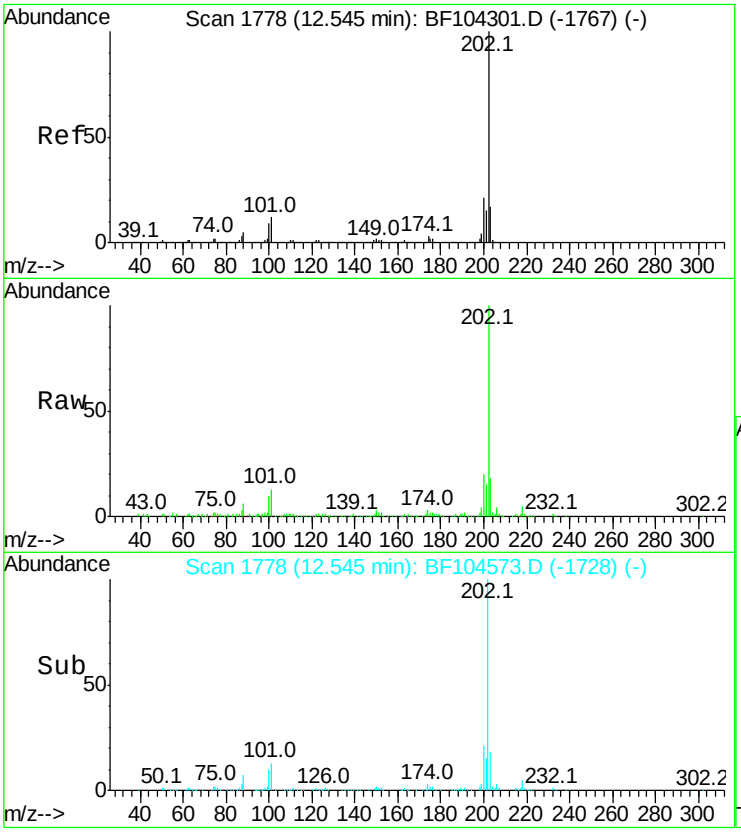


#71
Anthracene
Concen: 3.418 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:178 Resp: 64370

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



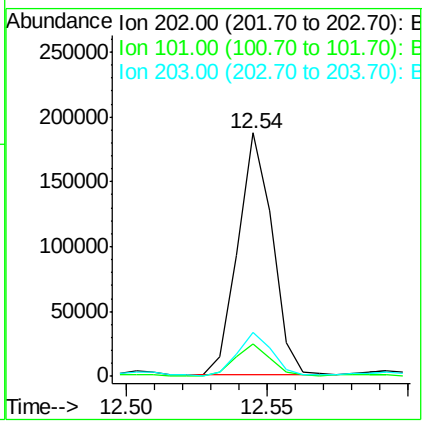


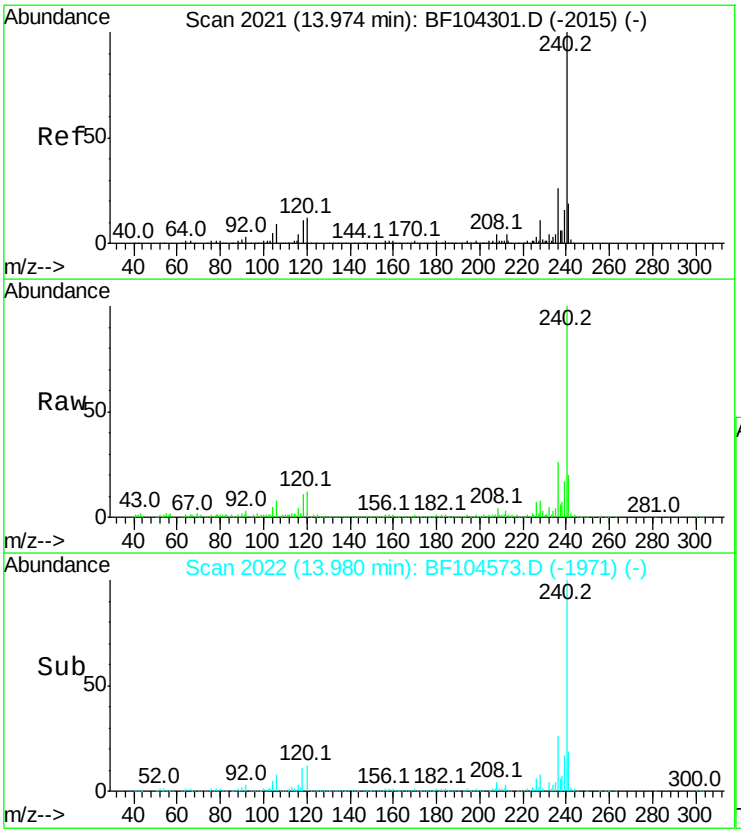
#74
Fluoranthene
Concen: 8.188 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 158508

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.0	0.0	38.1

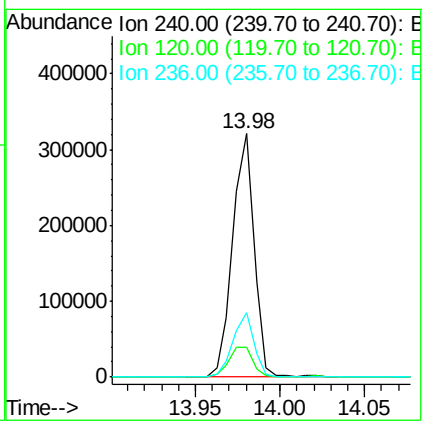


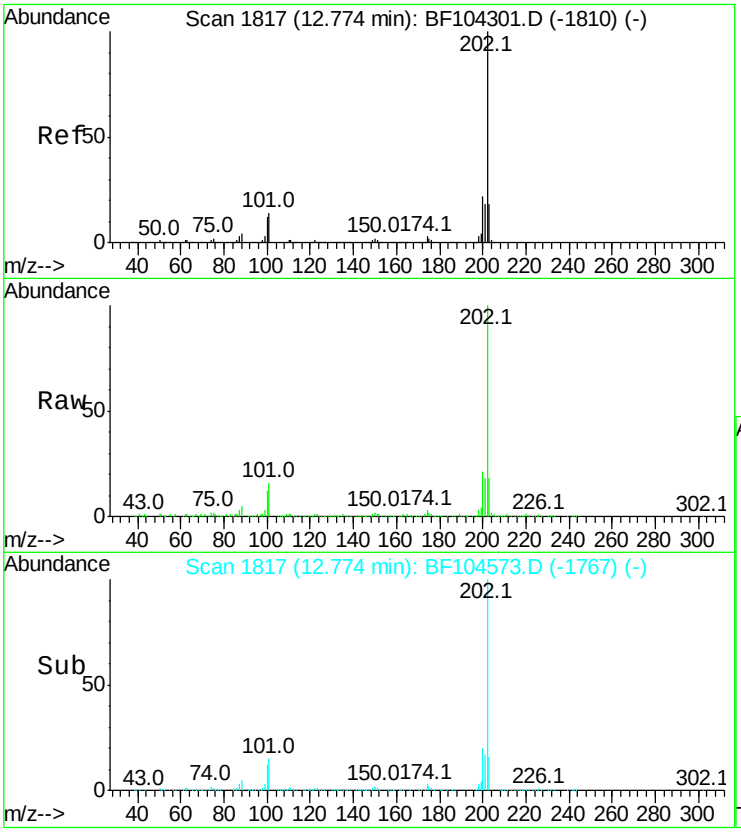


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:240 Resp: 281873

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.2	20.7	31.1



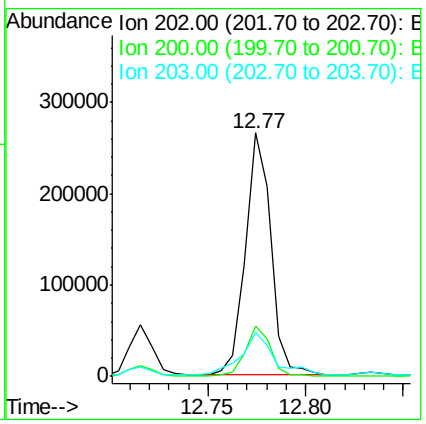


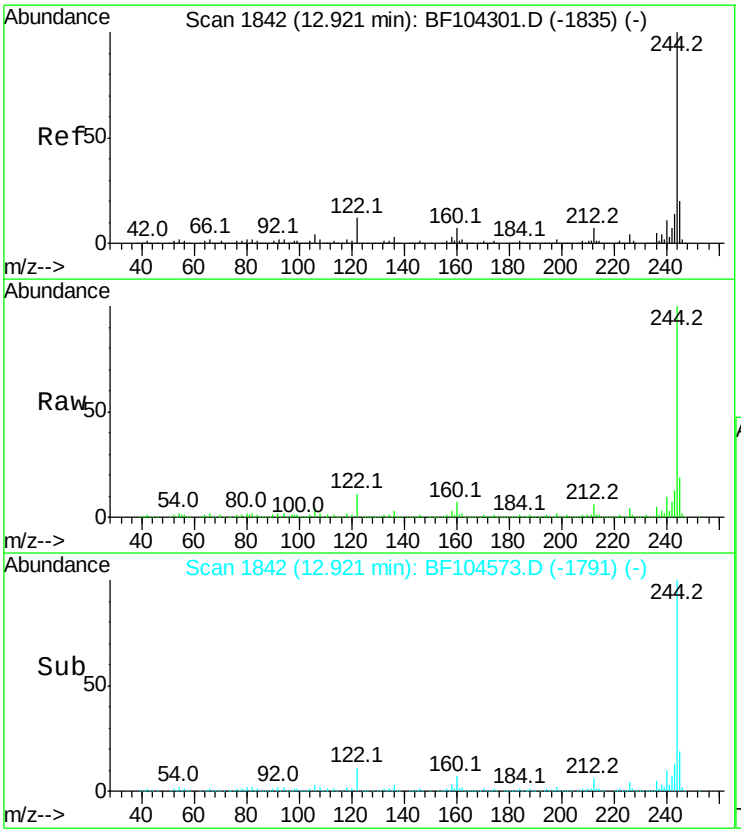
#77
Pyrene
Concen: 11.510 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 240491

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.2	14.3	21.5

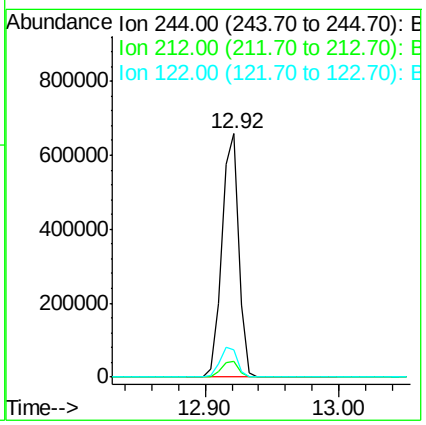


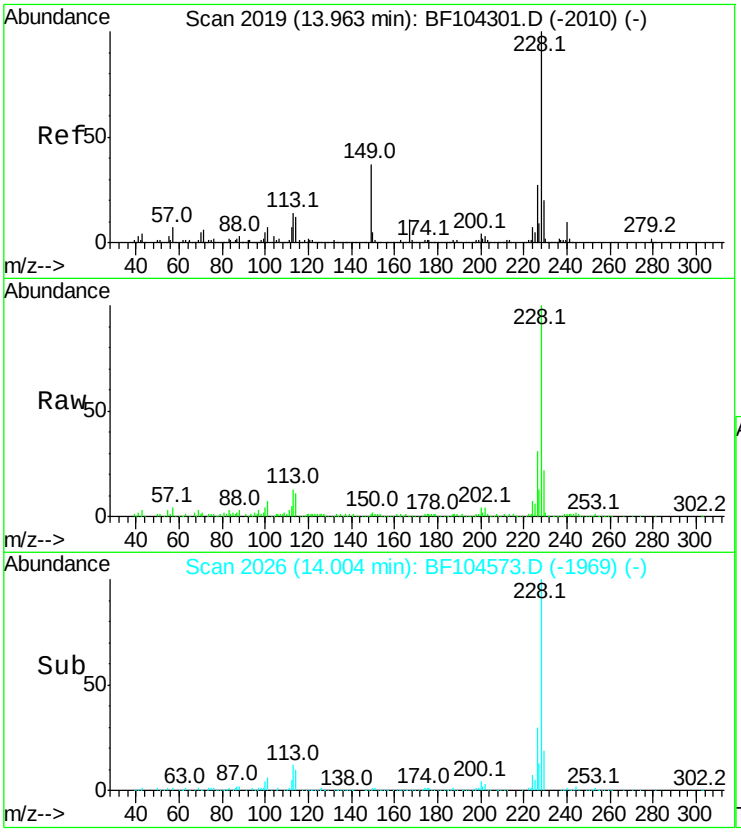


#78
Terphenyl-d14
Concen: 47.686 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:244 Resp: 589582

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	11.0	16.4



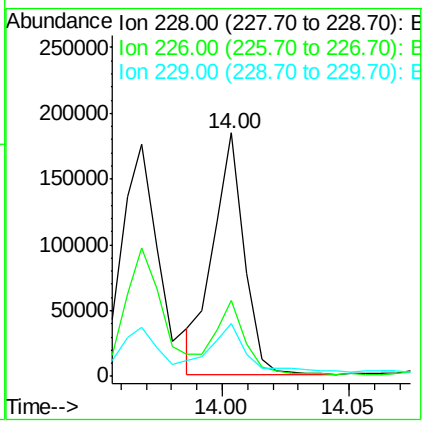


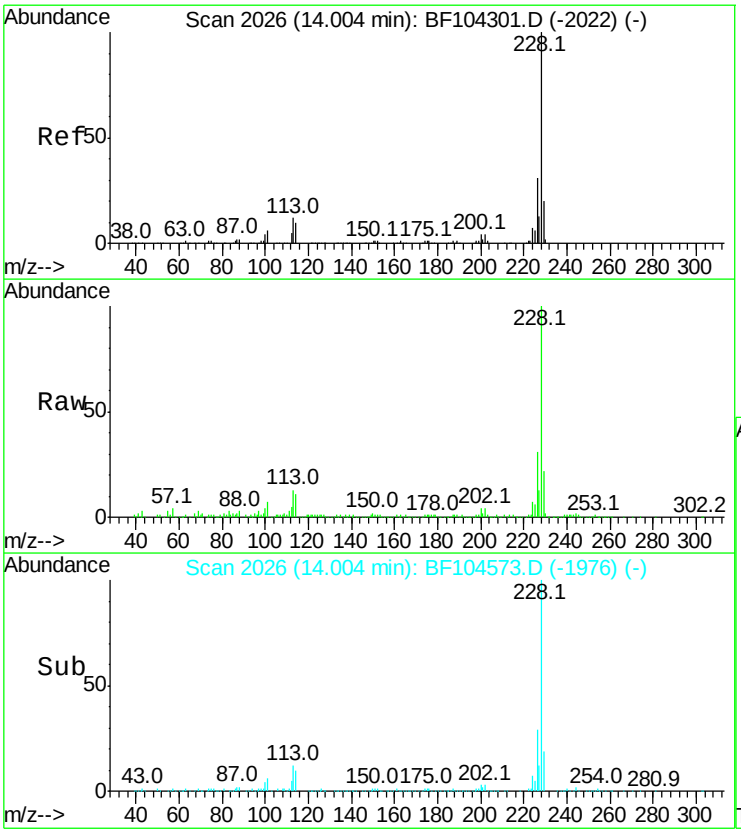
#80
Benzo(a)anthracene
Concen: 9.232 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.04 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 155463

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	21.7	15.8	23.6

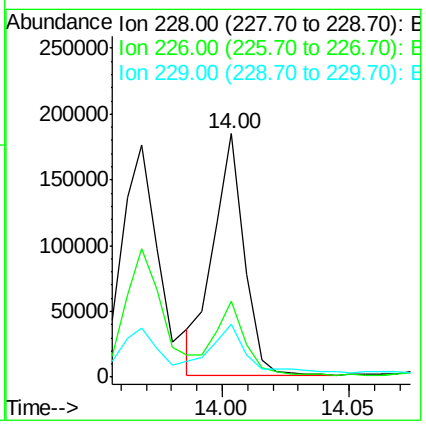


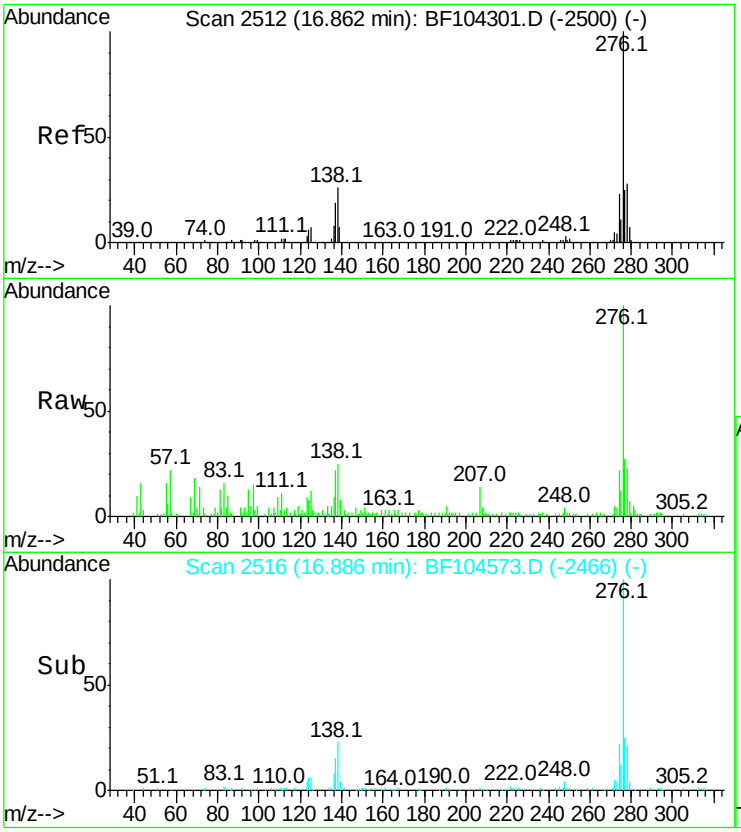


#82
Chrysene
Concen: 8.988 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:228 Resp: 155463

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.7	16.2	24.4



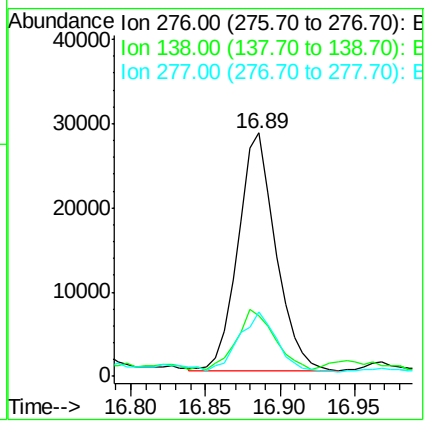


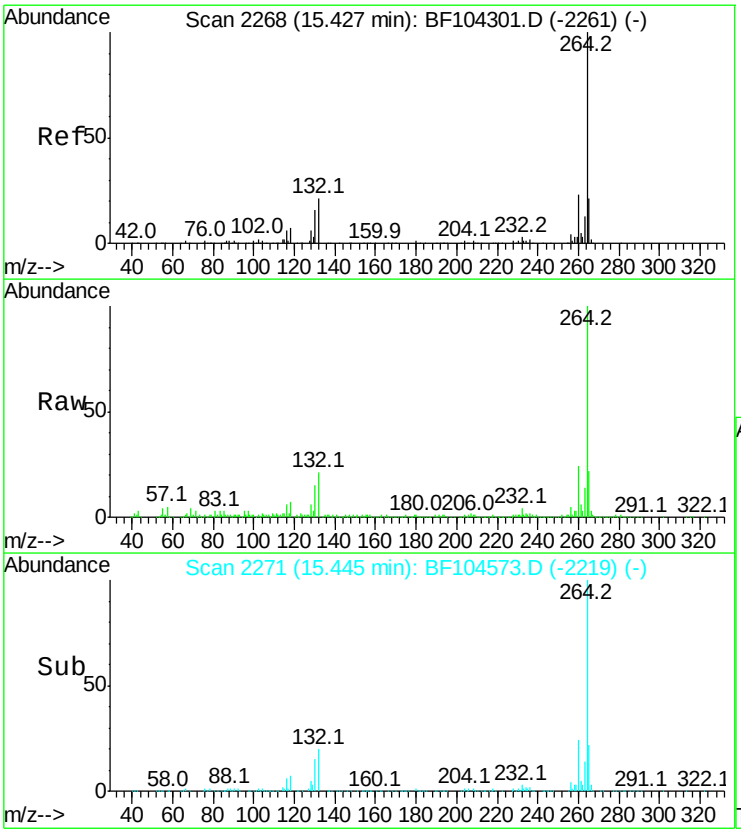
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.351 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 49233

Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	26.2	20.1	30.1

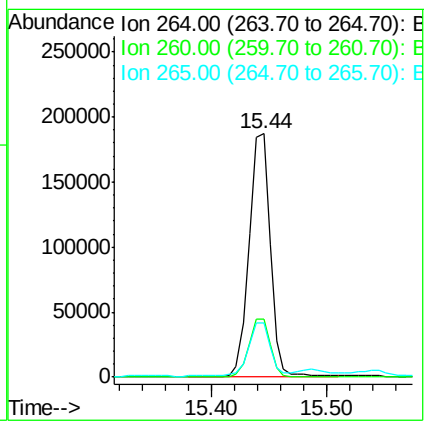


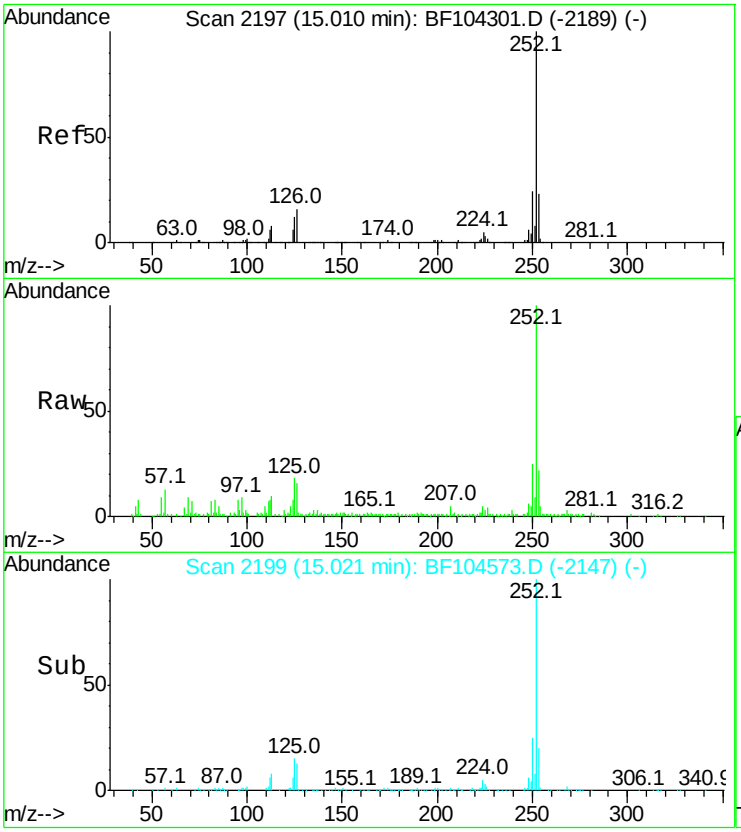


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:264 Resp: 239773

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	17.5	26.3



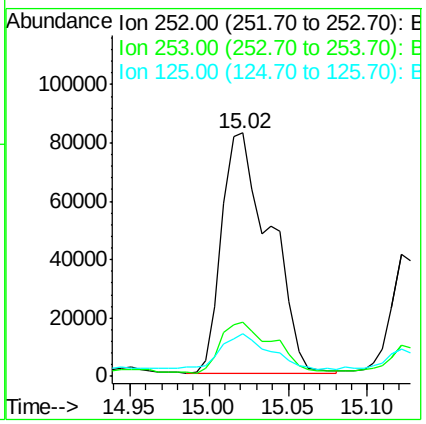


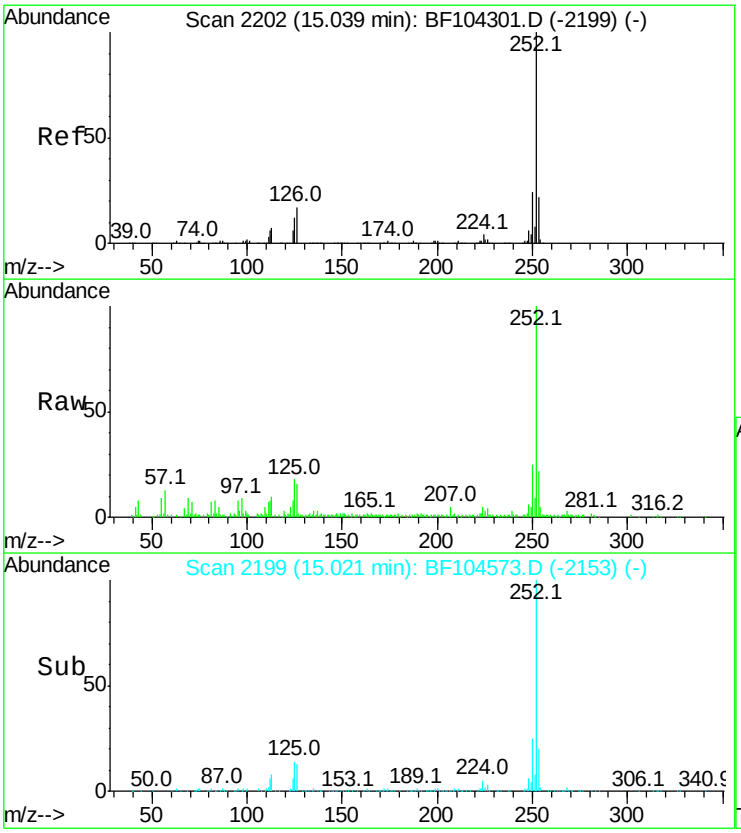
#87
Benzo(b)fluoranthene
Concen: 11.587 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 175477

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	17.6	9.0	13.6#

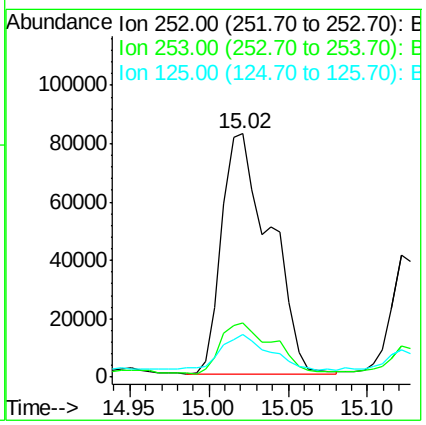


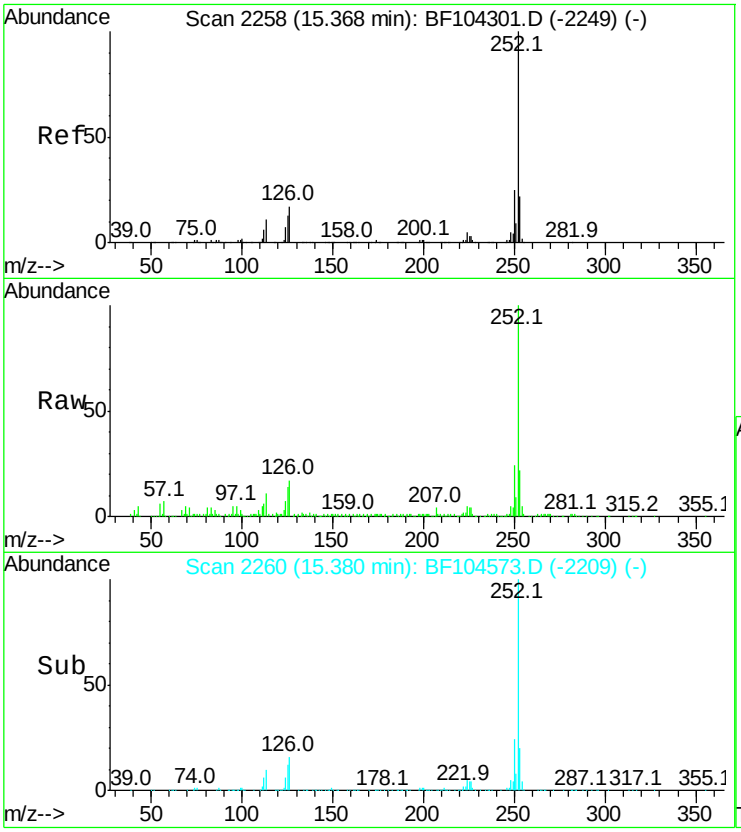


#88
Benzo(k)fluoranthene
Concen: 12.274 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:252 Resp: 175477

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	17.6	10.2	15.2#



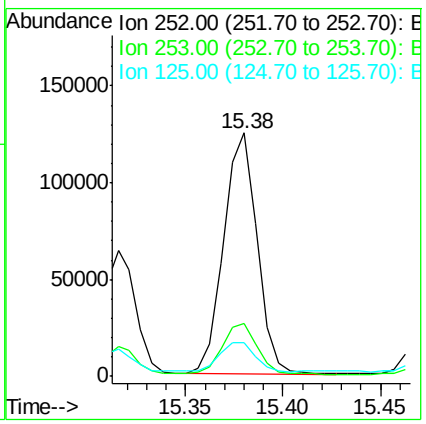


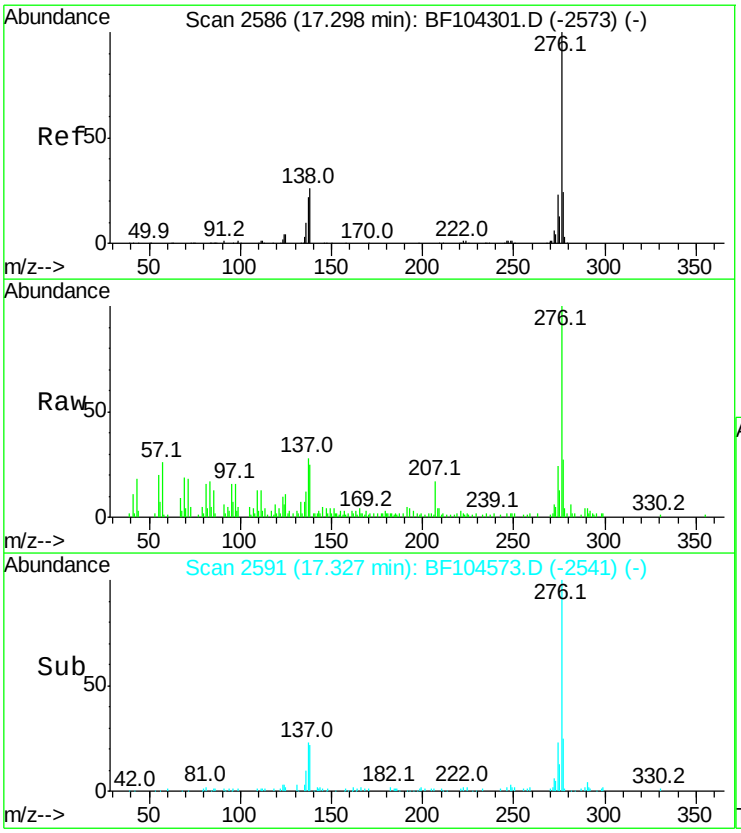
#89
Benzo(a)pyrene
Concen: 11.001 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 149060

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.662 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BF104573.D
Acq: 17 Apr 2018 20:37

Tgt Ion:276 Resp: 50264

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	24.6	21.8	32.8