Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102992.D
Acq On : 14 Feb 2018 16:30
Operator : SJ/JU
Sample : J1539-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 14 17:36:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169812	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	681279	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	263642	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	364043	20.00	ng		0.00
75) Chrysene-d12	14.04	240	316824	20.00	ng		0.00
86) Perylene-d12	15.52	264	277502	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1062706	95.04	ng		0.01
7) Phenol-d6	6.50	99	1261629	93.71	ng		0.00
23) Nitrobenzene-d5	7.44	82	779520	79.37	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	175606	82.75	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1065572	67.07	ng		0.00
78) Terphenyl-d14	12.99	244	737250	55.10	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	21893	2.190	ng		82
10) Phenol	6.52	94	122420	8.485	ng		96
19) n-Nitroso-di-n-propylamine	7.44	70	101436	11.427	ng	#	82
25) Isophorone	7.44	82	779515	34.470	ng	#	64
32) Benzoic acid	7.94	122	230	8.576	ng	#	1
47) 2-Nitroaniline	9.48	65	115	3.492	ng	#	2
49) Dimethylphthalate	9.62	163	105359	5.125	ng		100
55) 4-Nitrophenol	10.02	139	638	4.177	ng	#	10
56) 2,4-Dinitrotoluene	9.91	165	34556	9.242	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	380	9.024	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11577	3.006	ng	#	1
70) Phenanthrene	11.42	178	50882	2.510	ng		98
74) Fluoranthene	12.62	202	76643	3.757	ng		99
77) Pyrene	12.84	202	75754	3.049	ng		96
80) Benzo(a)anthracene	14.07	228	45320	2.275	ng		93
82) Chrysene	14.07	228	45320	2.256	ng		97
87) Benzo(b)fluoranthene	15.09	252	76246	4.238	ng	#	87
88) Benzo(k)fluoranthene	15.09	252	76246	4.435	ng	#	90
89) Benzo(a)pyrene	15.46	252	35456	2.189	ng	#	87

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

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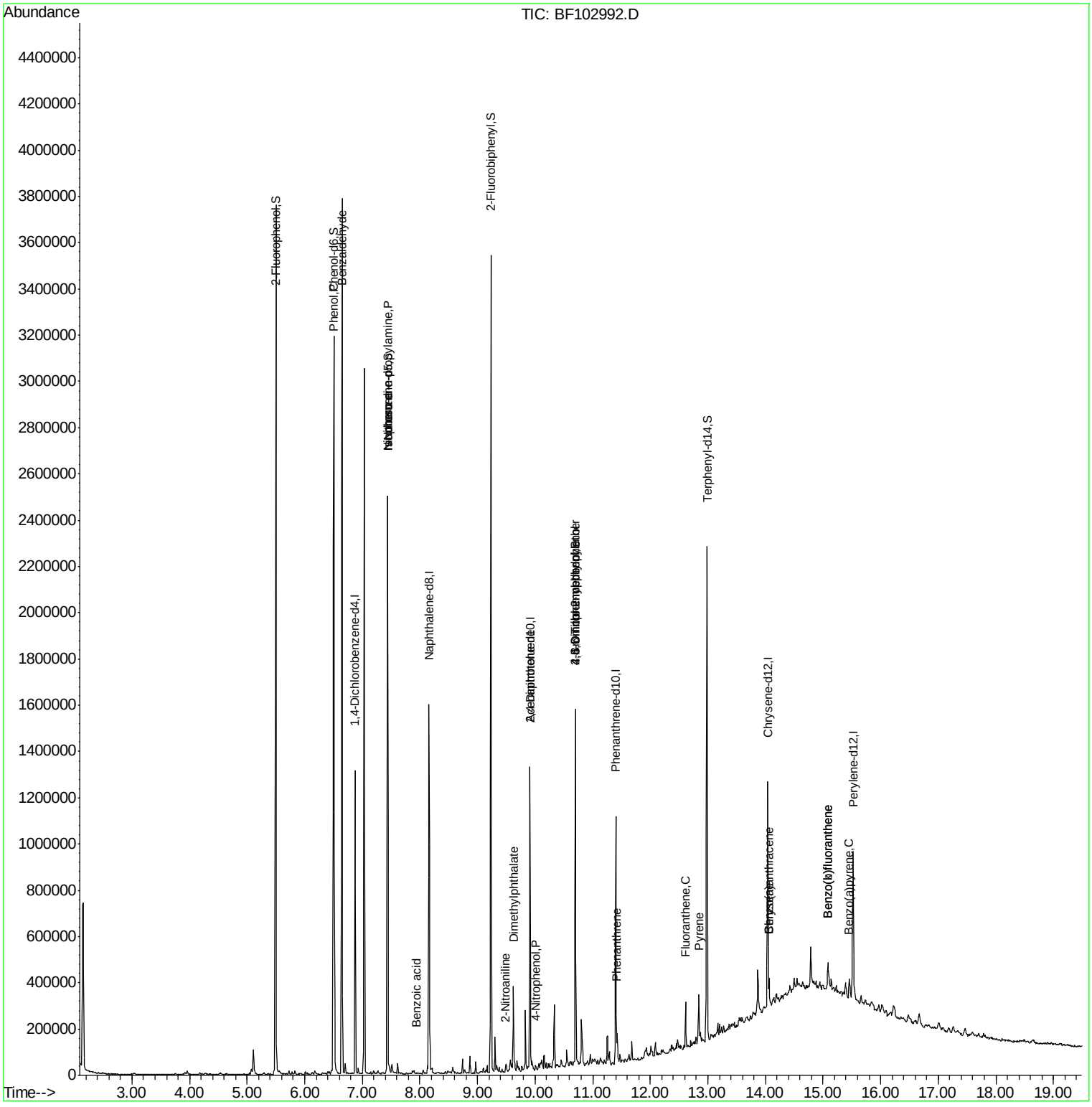
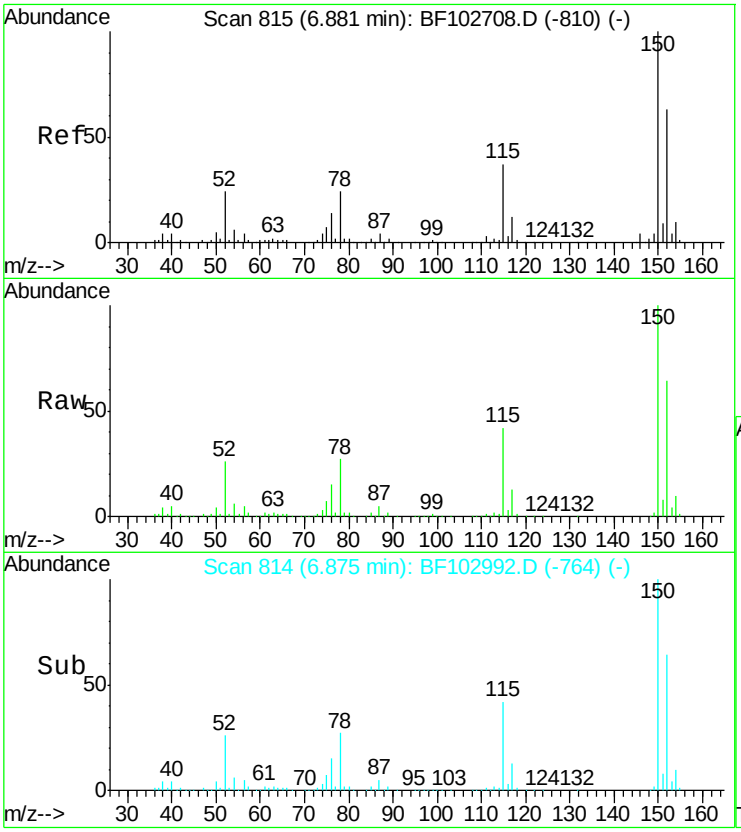


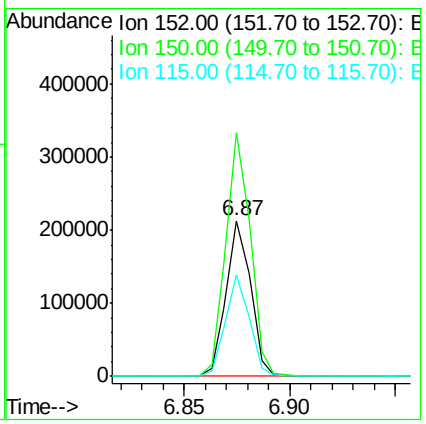


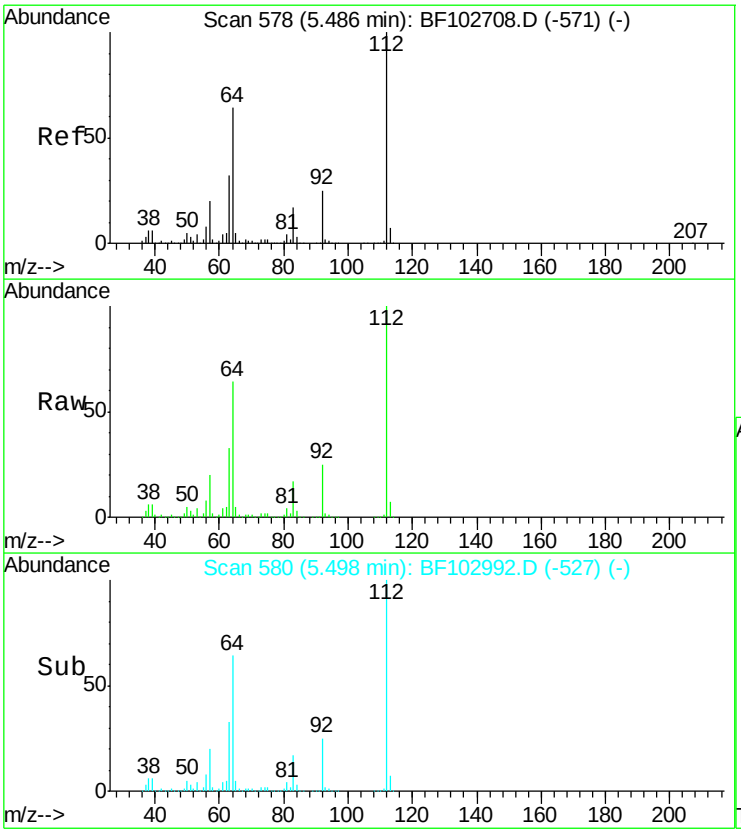
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 169812

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	64.8	50.1	75.1

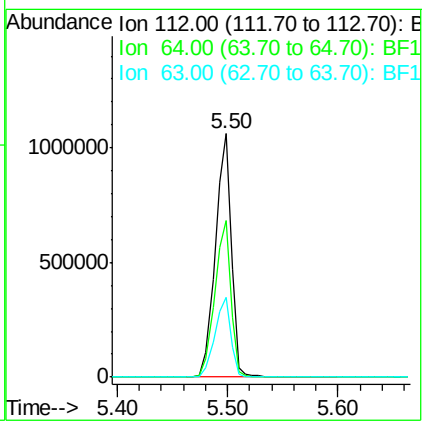


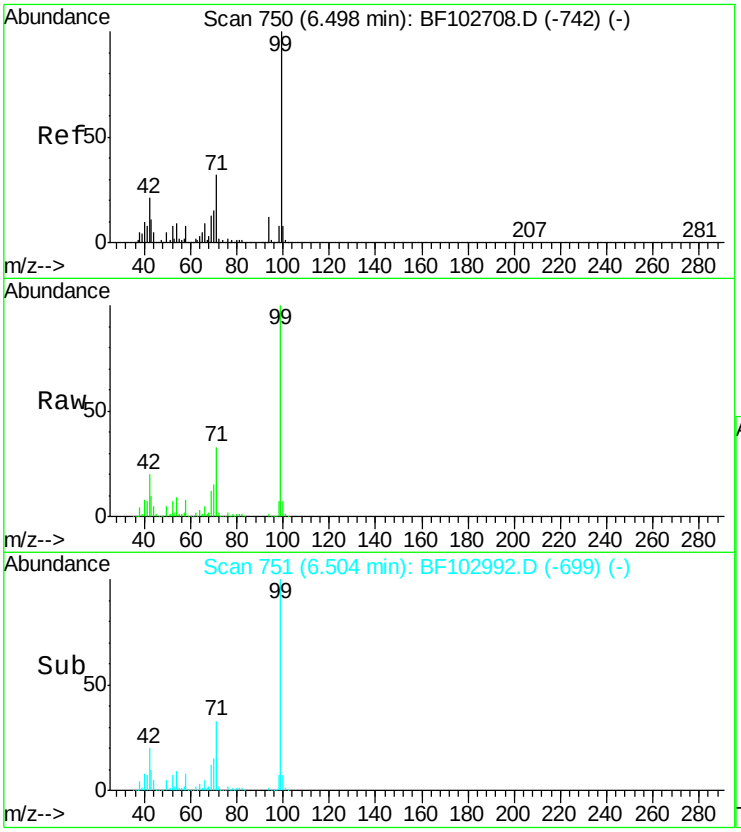


#5
2-Fluorophenol
Concen: 95.040 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:112 Resp: 1062706

Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	32.6	23.7	35.5



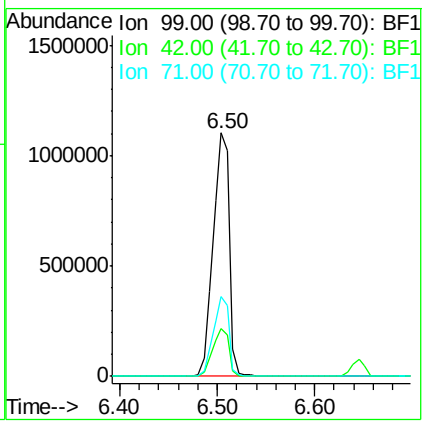


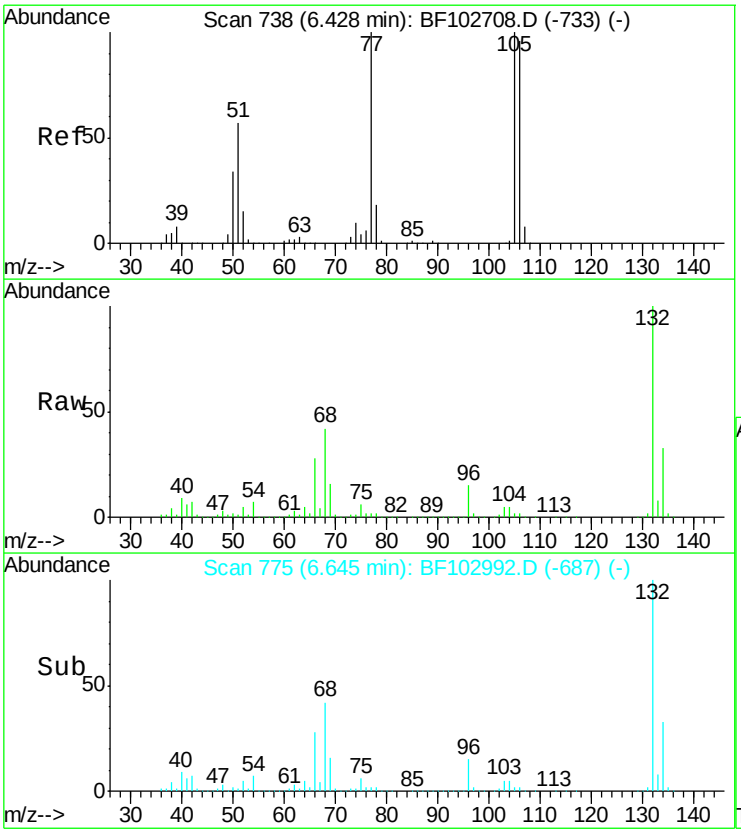
#7
Phenol-d6
Concen: 93.708 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1261629

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.8	25.4	38.0

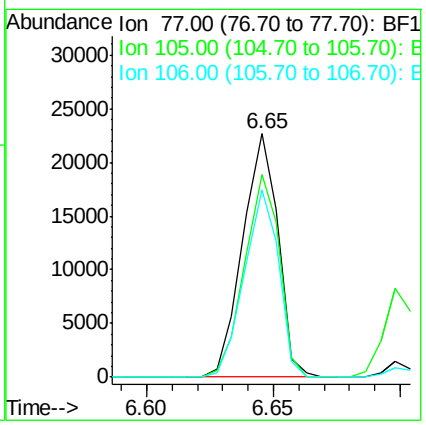


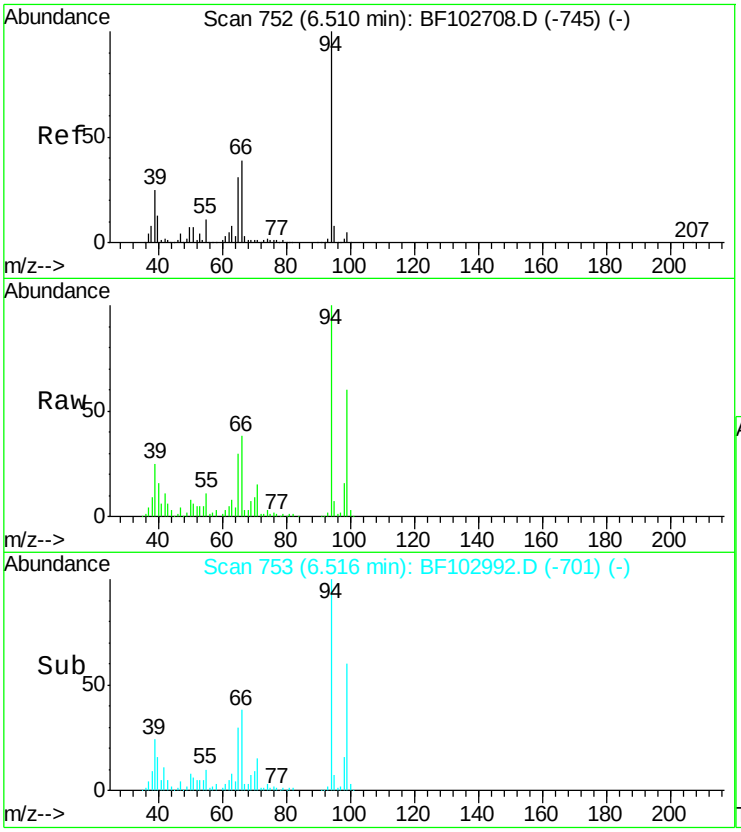


#9
Benzaldehyde
Concen: 2.190 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.22 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion: 77 Resp: 21893

Ion	Ratio	Lower	Upper
77	100		
105	83.1	81.1	121.1
106	76.9	74.5	114.5



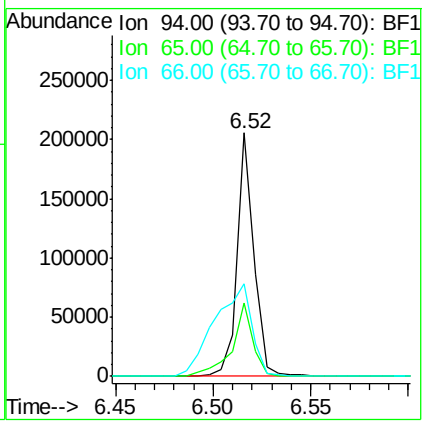


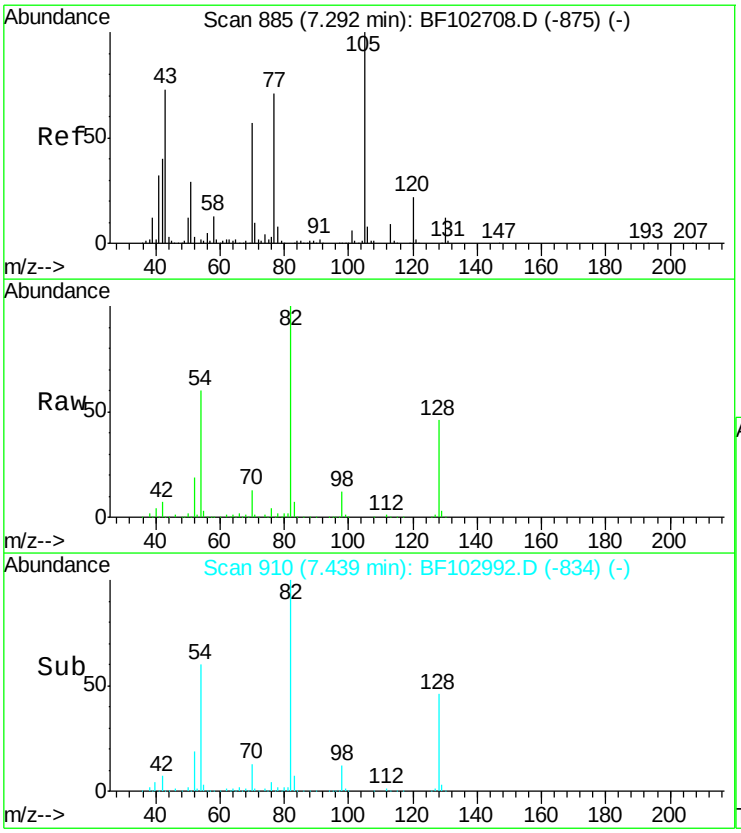
#10
Phenol
Concen: 8.485 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 122420

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	38.2	16.2	56.2

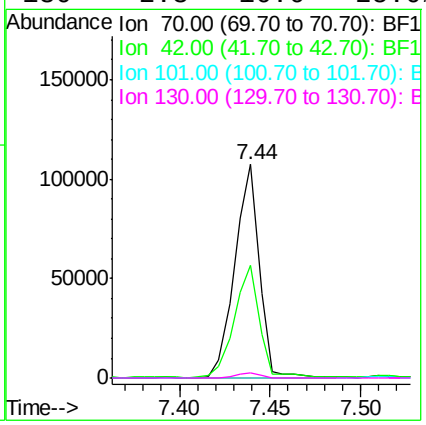


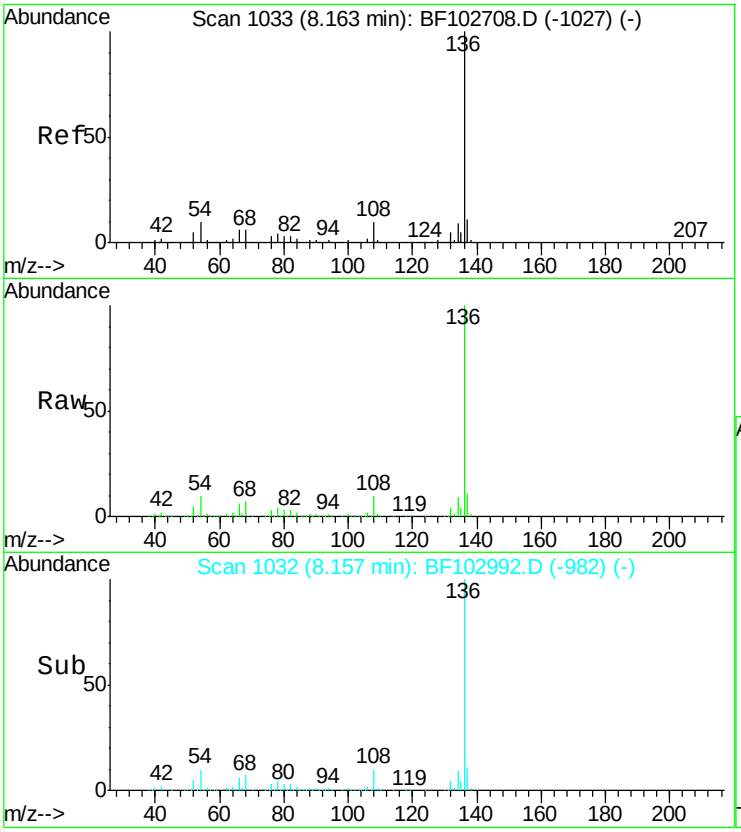


#19
n-Nitroso-di-n-propylamine
Concen: 11.427 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion: 70 Resp: 101436

Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



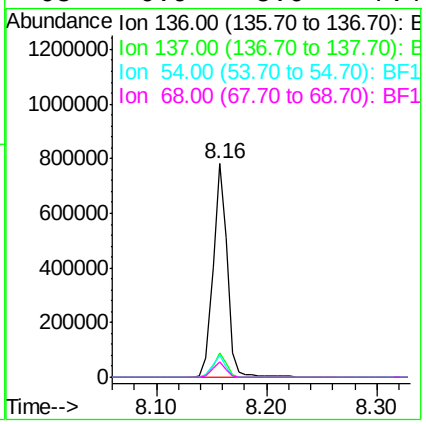


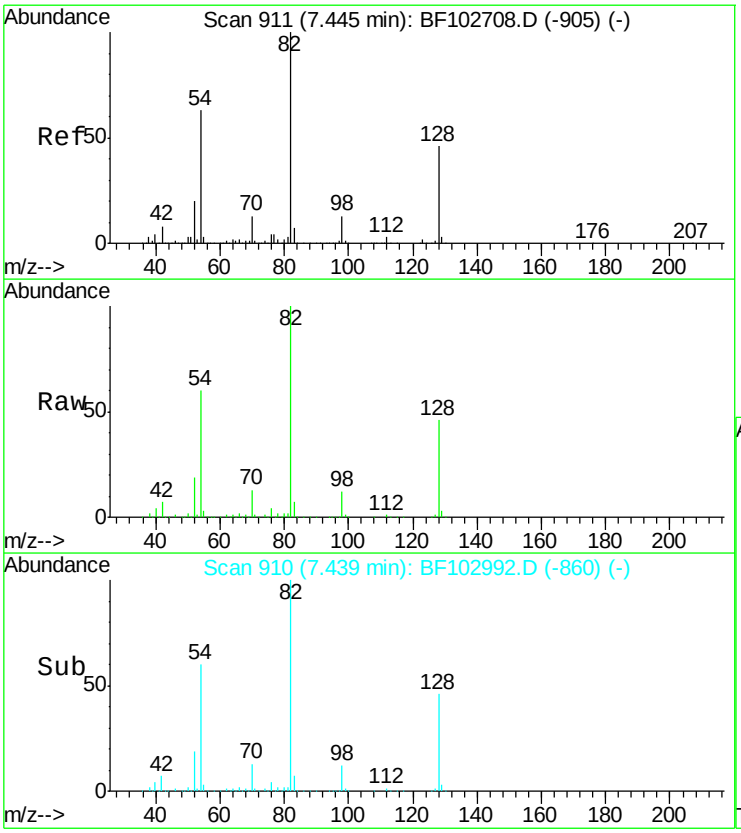
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 681279

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8#
68	6.9	5.0	7.4

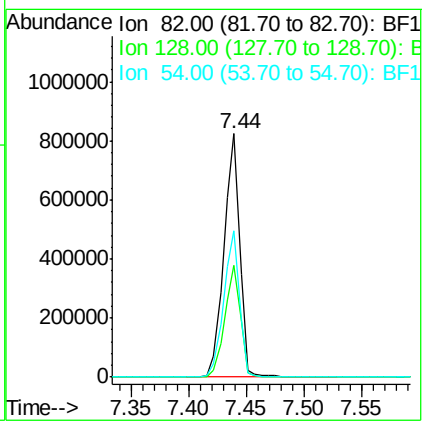


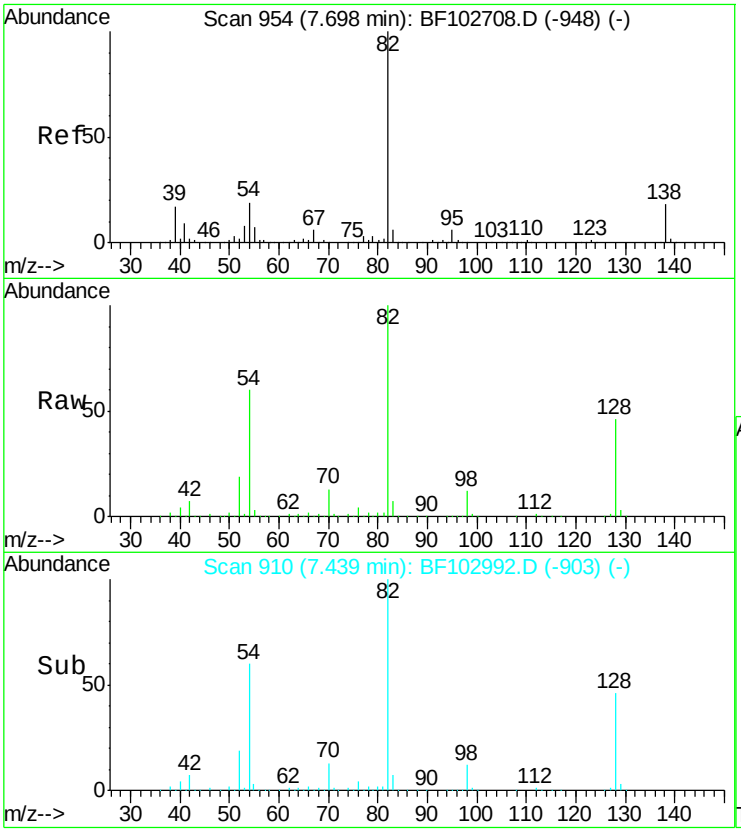


#23
Nitrobenzene-d5
Concen: 79.374 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion: 82 Resp: 779520

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	60.1	41.4	62.2



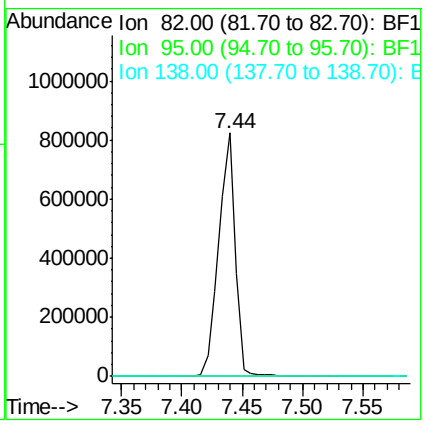


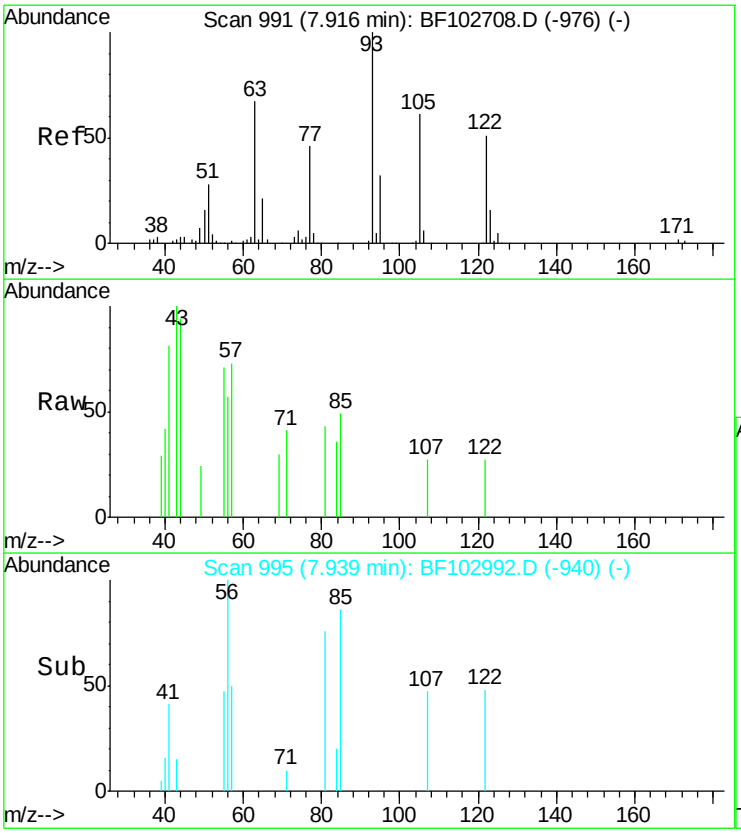
#25
Isophorone
Concen: 34.470 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 779515

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

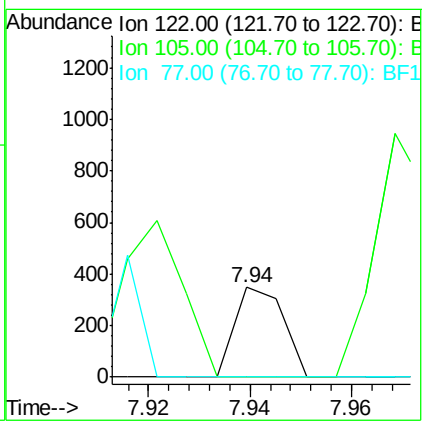


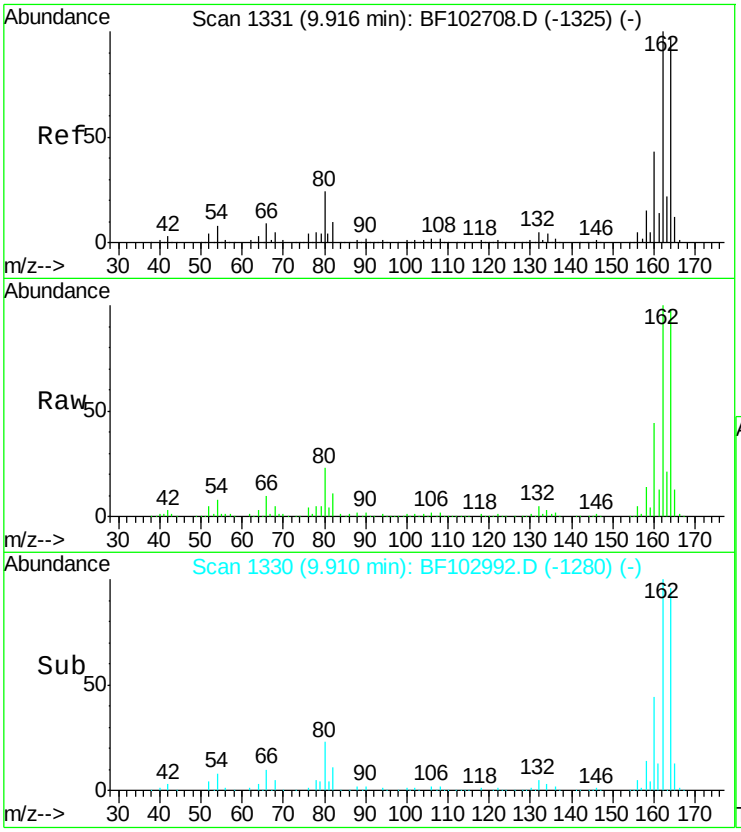


#32
Benzoic acid
Concen: 8.576 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:122 Resp: 230

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



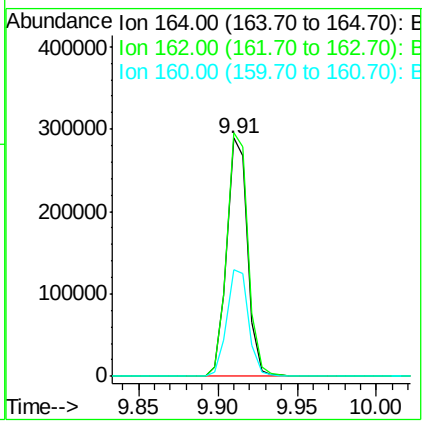


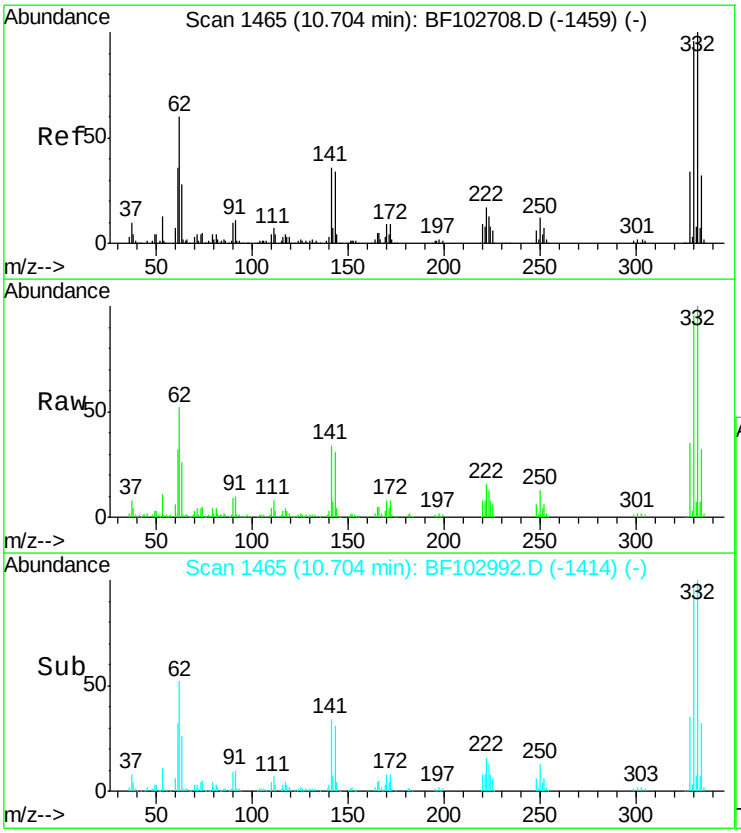
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 263642

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.0	38.3	57.5

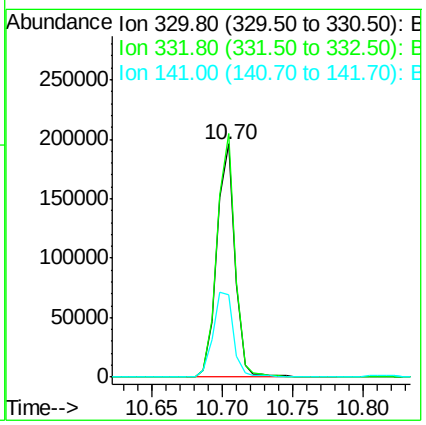


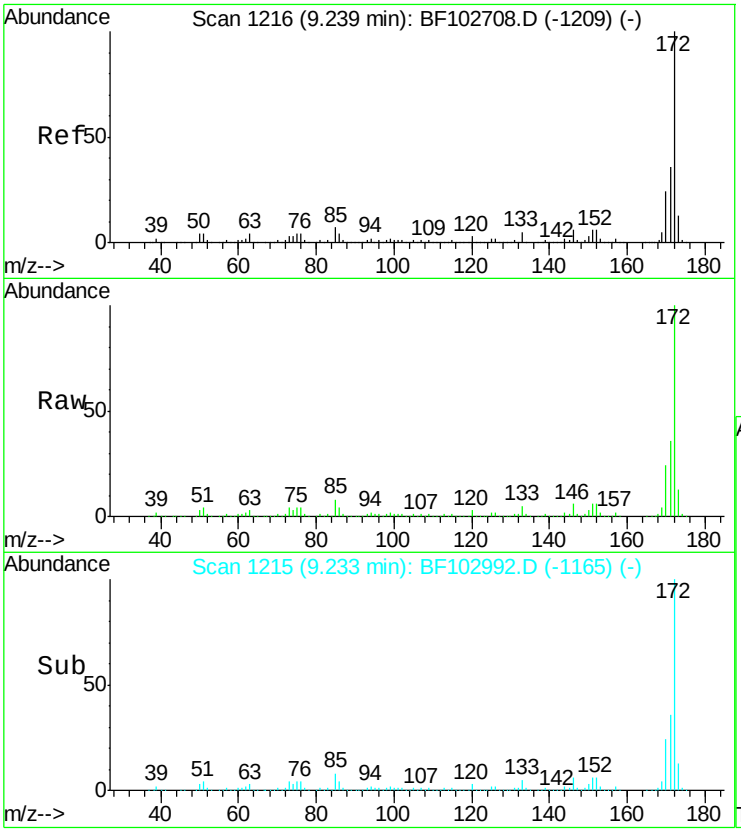


#41
2,4,6-Tribromophenol
Concen: 82.755 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:330 Resp: 175606

Ion	Ratio	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	40.6	29.9	44.9



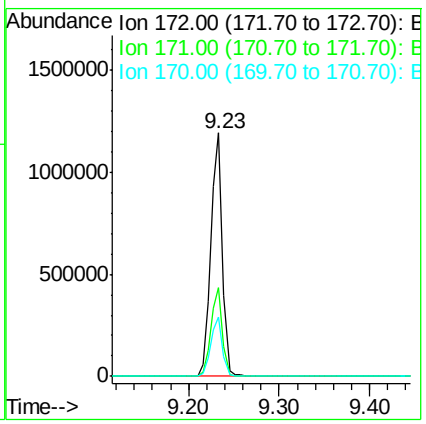


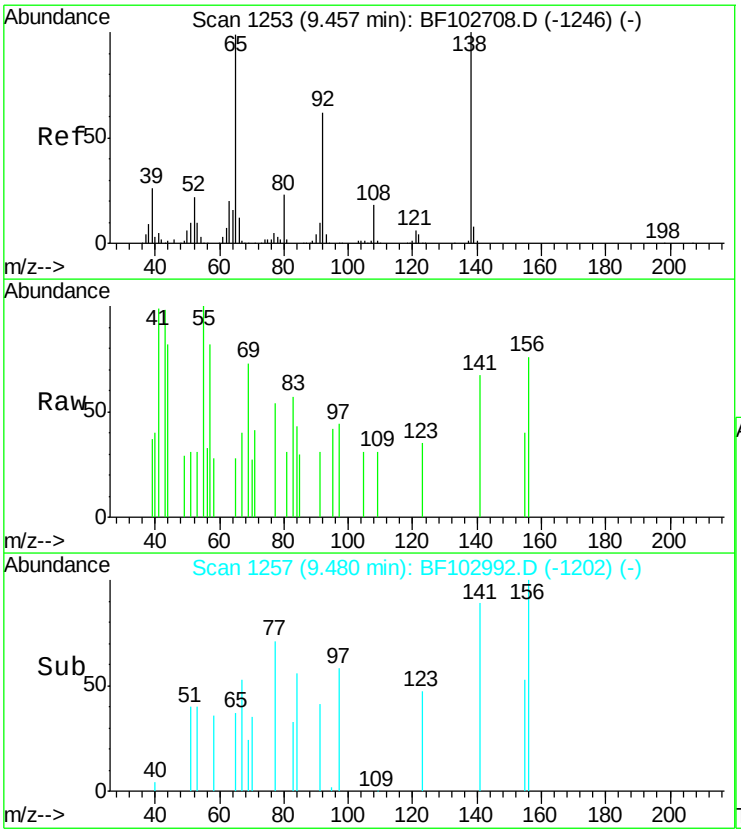
#44
2-Fluorobiphenyl
Concen: 67.067 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1065572

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

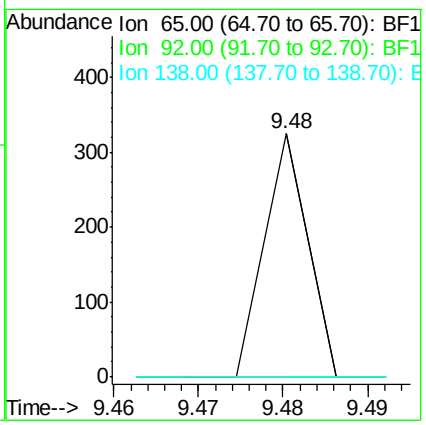


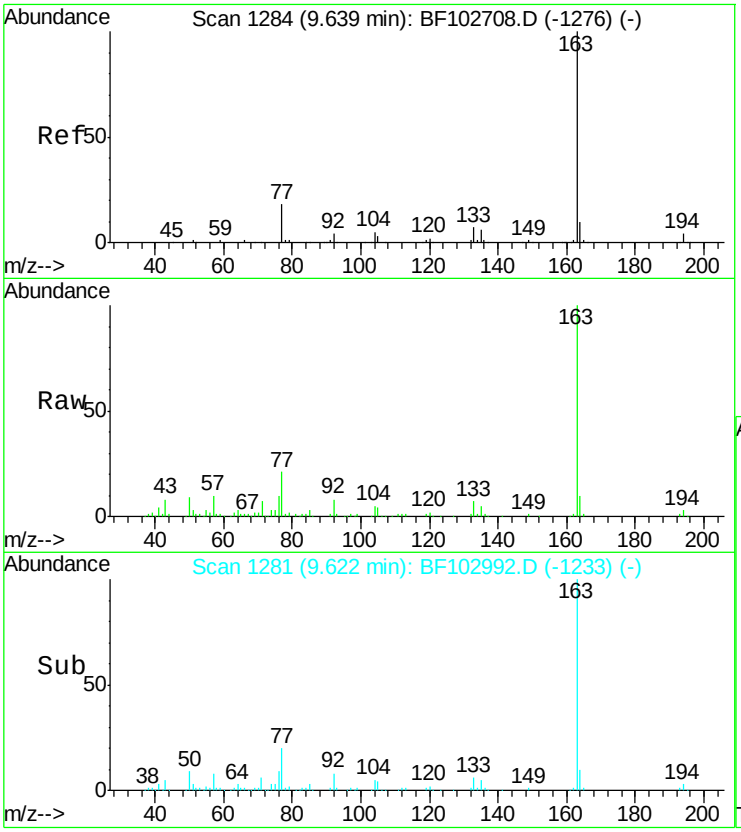


#47
2-Nitroaniline
Concen: 3.492 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.02 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion: 65 Resp: 115

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



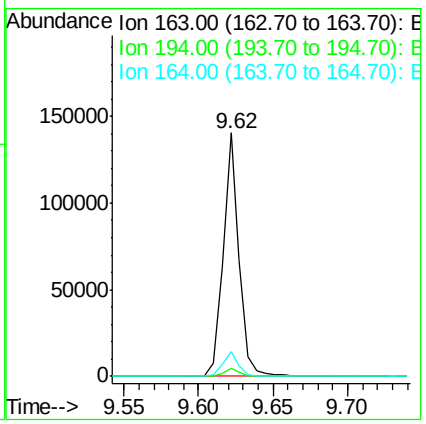


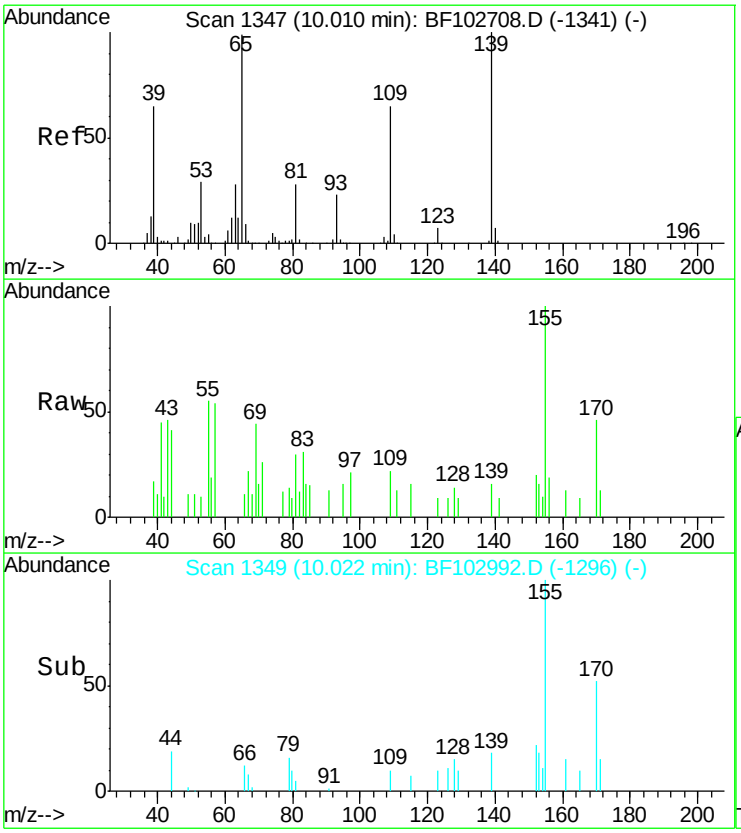
#49
Dimethylphthalate
Concen: 5.125 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 105359

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

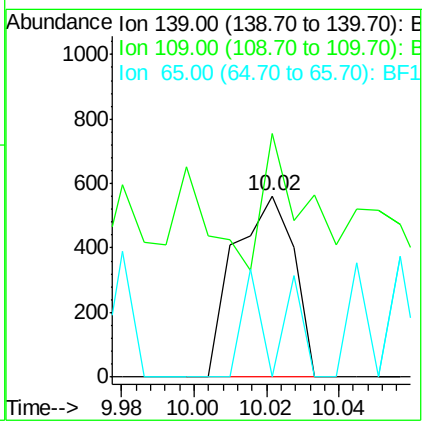


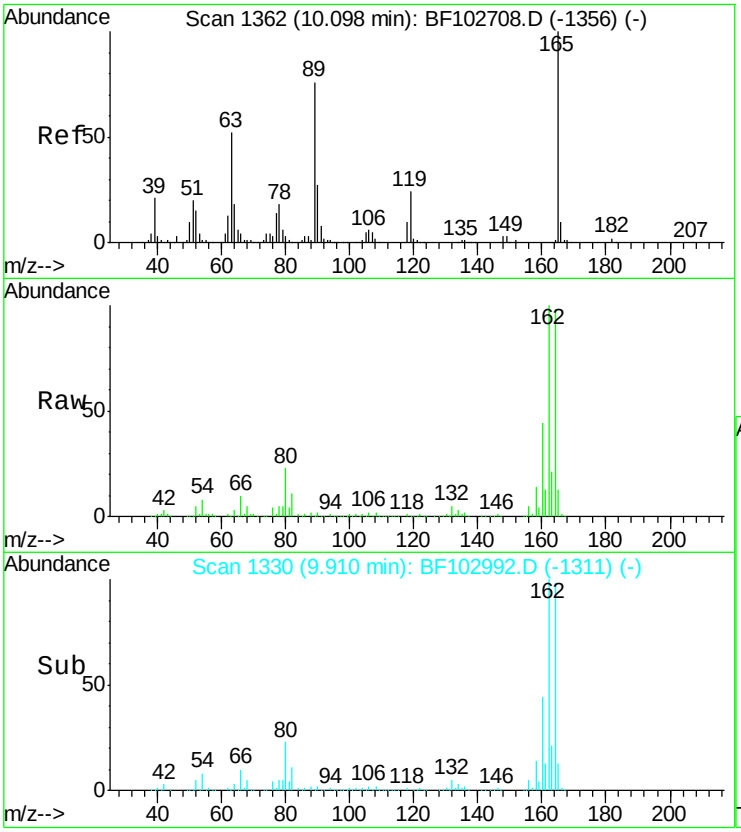


#55
4-Nitrophenol
Concen: 4.177 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:139 Resp: 638

Ion	Ratio	Lower	Upper
139	100		
109	134.3	48.4	88.4#
65	0.0	72.6	112.6#



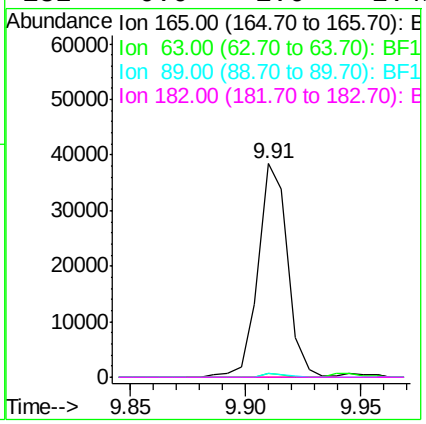


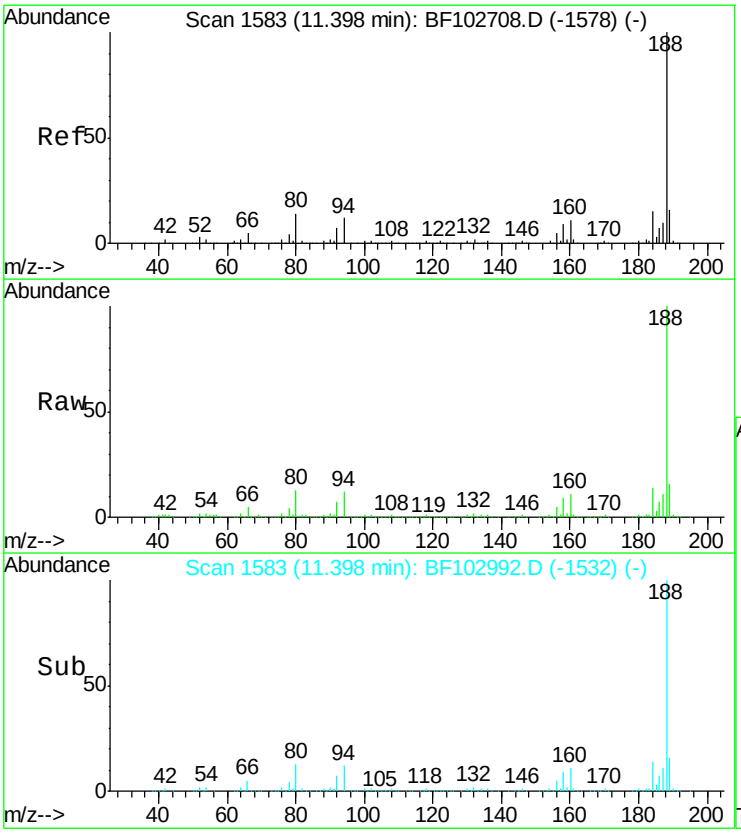
#56
2,4-Dinitrotoluene
Concen: 9.242 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34556

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

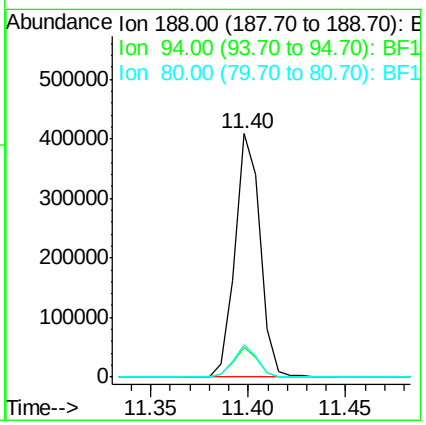


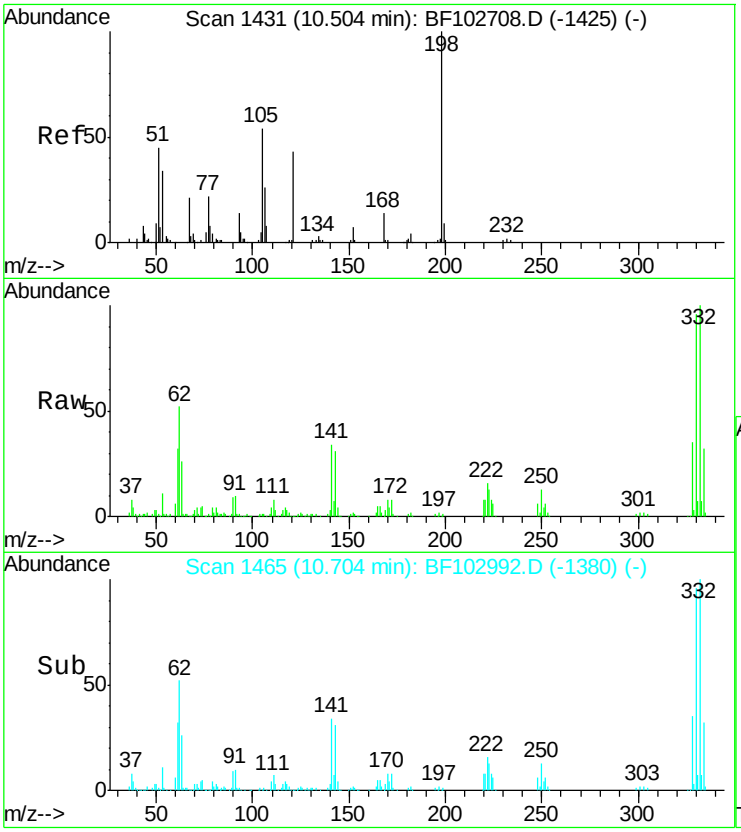


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:188 Resp: 364043

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.4	9.2	13.8



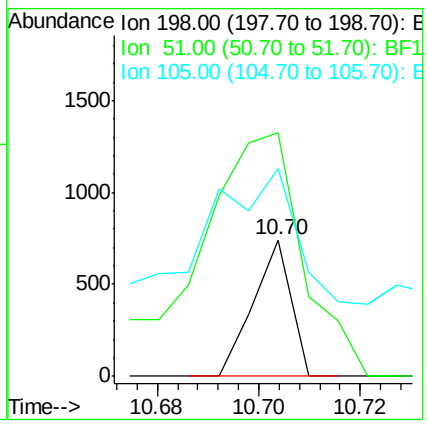


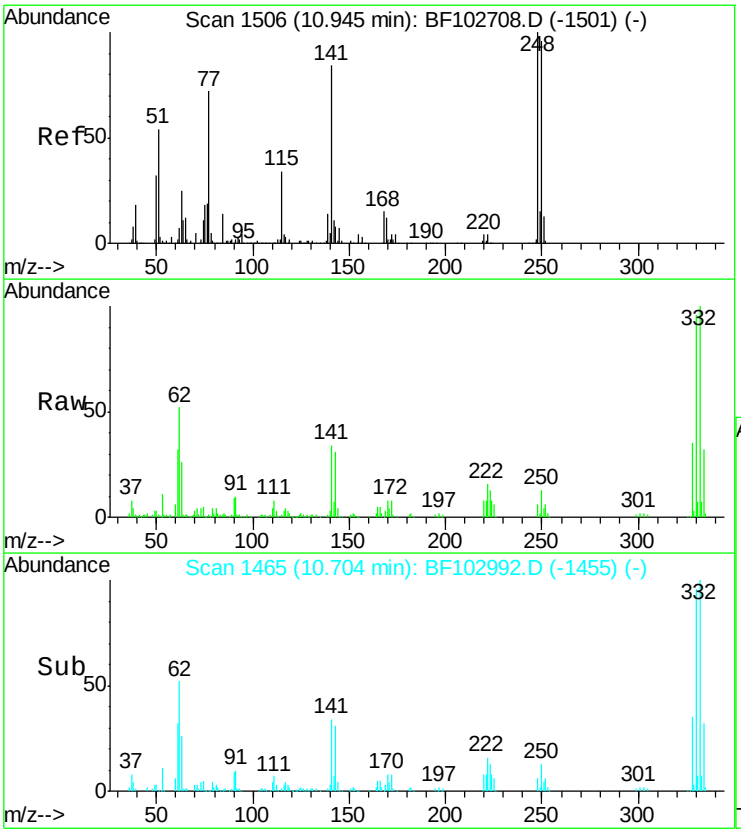
#64
4,6-Dinitro-2-methylphenol
Concen: 9.024 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.20 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 380

Ion	Ratio	Lower	Upper
198	100		
51	178.4	37.7	77.7#
105	151.9	36.3	76.3#

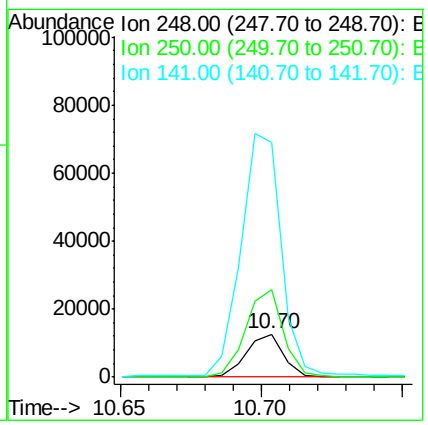


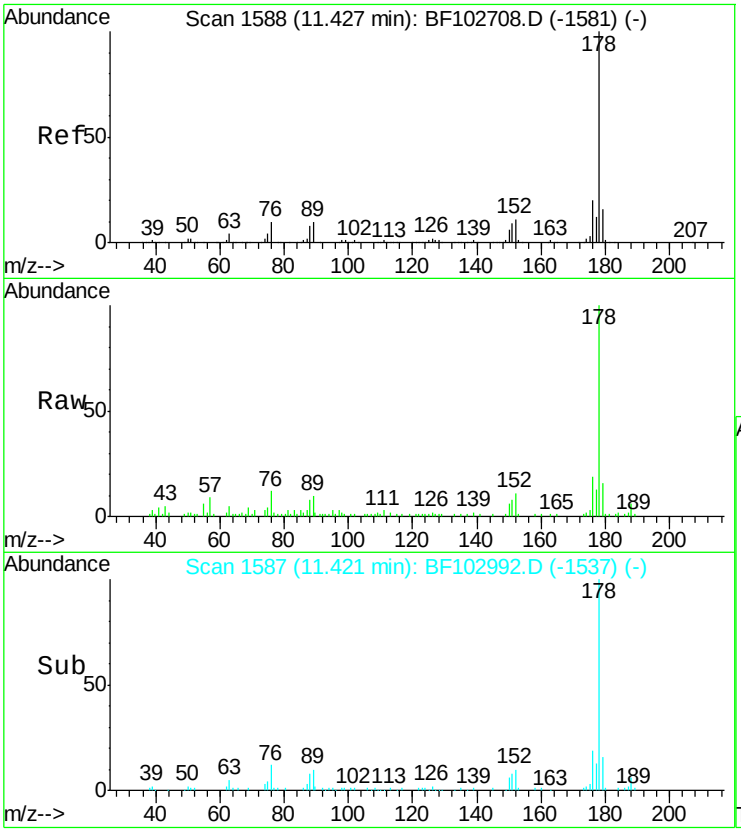


#66
4-Bromophenyl-phenylether
Concen: 3.006 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:248 Resp: 11577

Ion	Ratio	Lower	Upper
248	100		
250	204.7	76.9	115.3#
141	548.4	74.4	111.6#



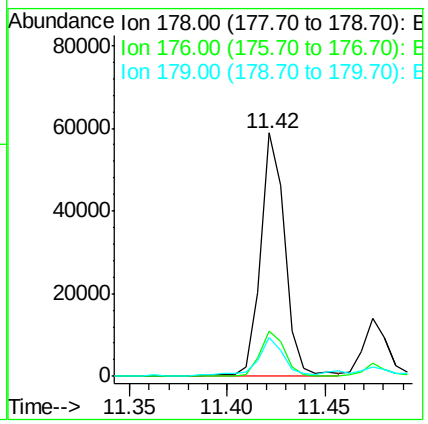


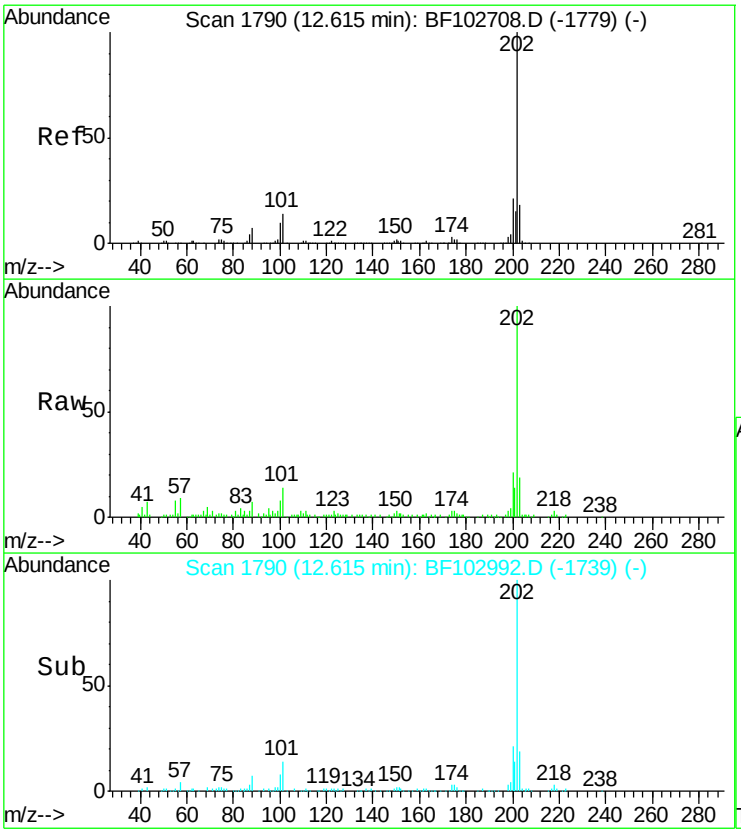
#70
Phenanthrene
Concen: 2.510 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 50882

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.9	13.0	19.6

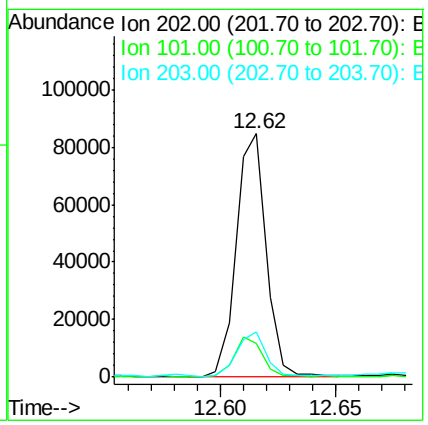


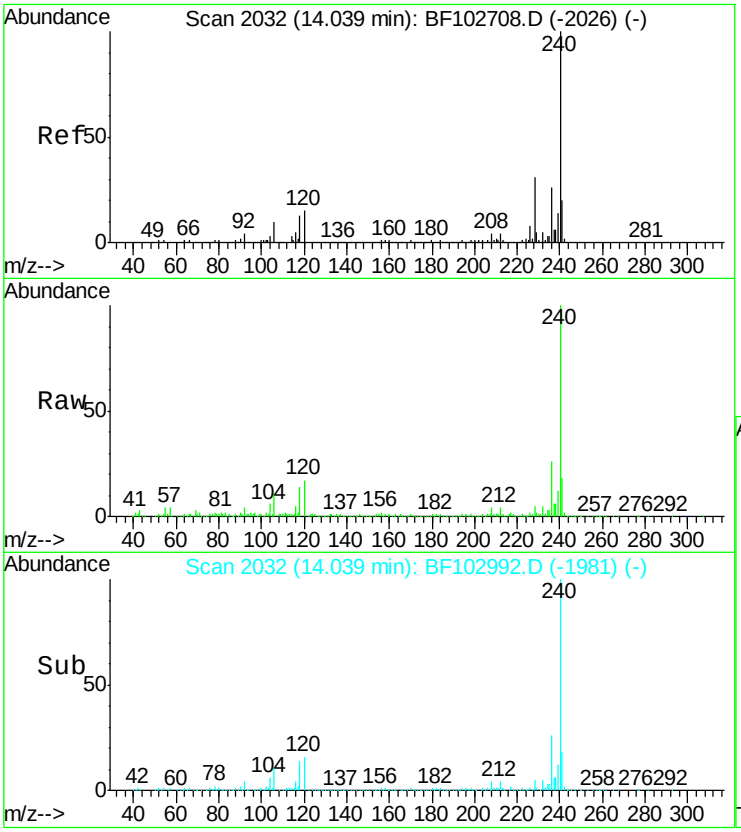


#74
Fluoranthene
Concen: 3.757 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:202 Resp: 76643

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	18.6	0.0	38.1



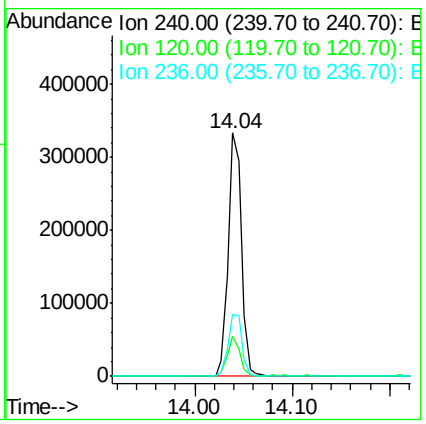


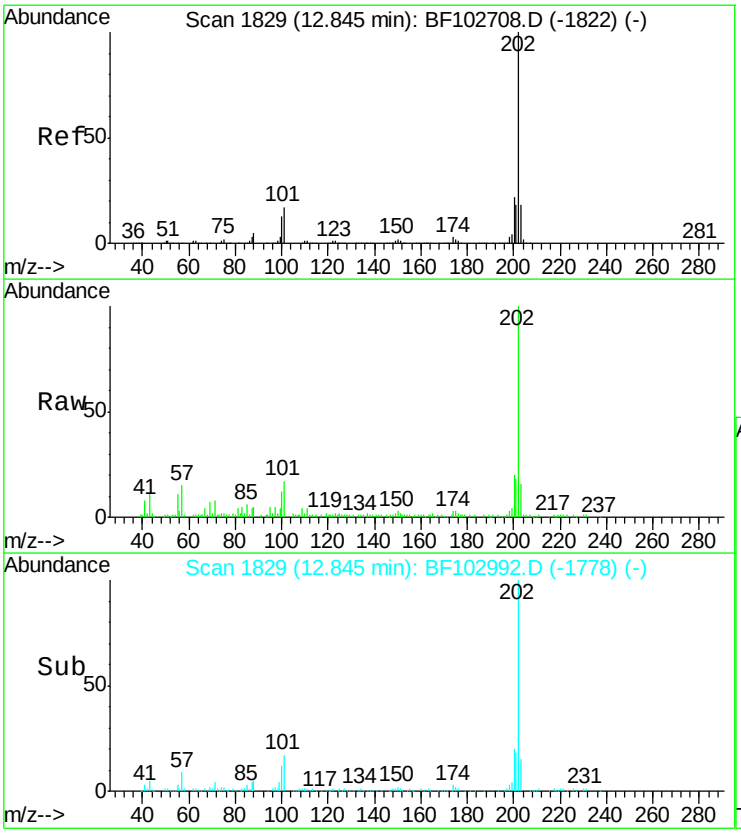
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 316824

Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	25.6	20.7	31.1

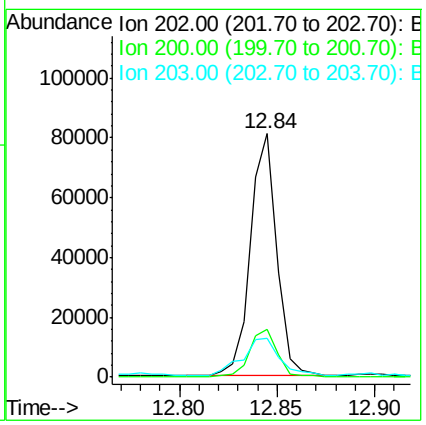


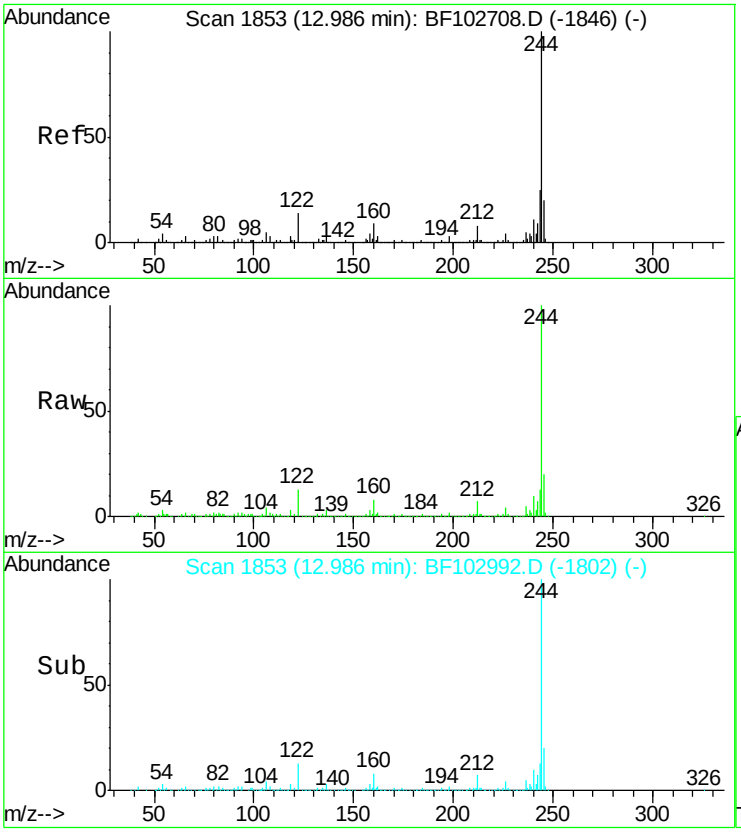


#77
Pyrene
Concen: 3.049 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:202 Resp: 75754

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	16.0	14.3	21.5



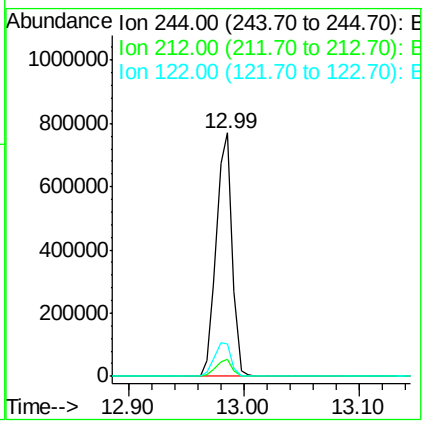


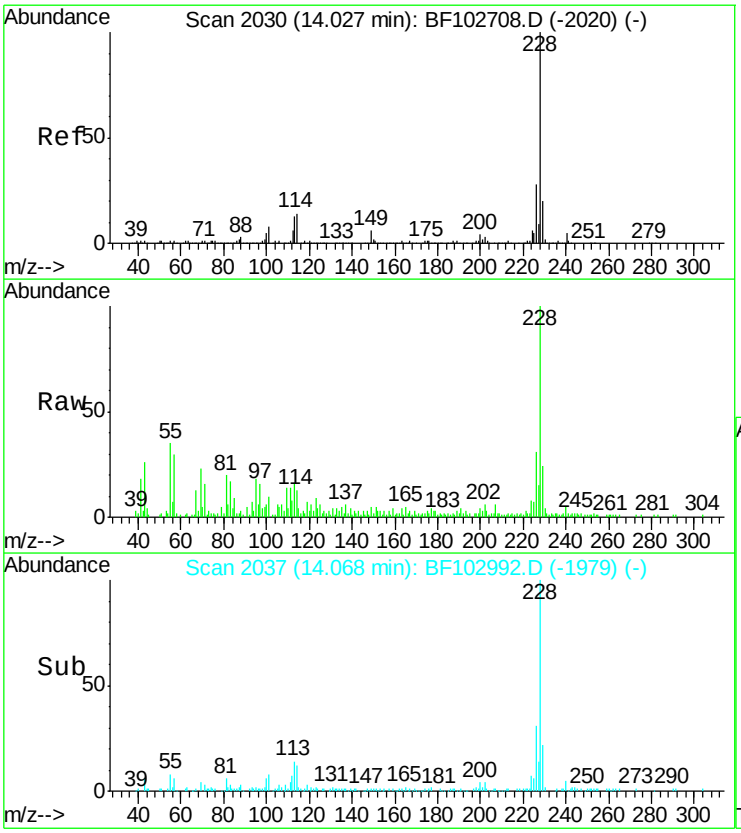
#78
Terphenyl-d14
Concen: 55.098 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 737250

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4

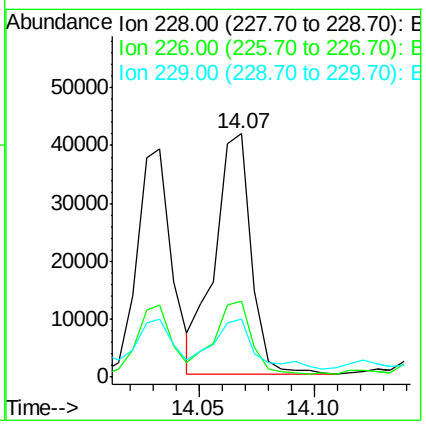


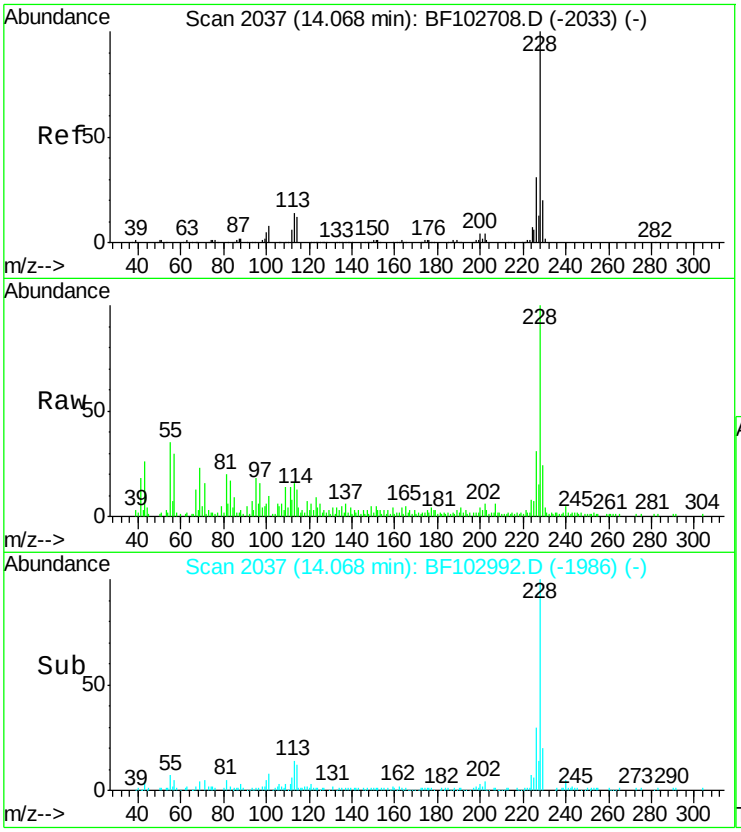


#80
Benzo(a)anthracene
Concen: 2.275 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.04 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:228 Resp: 45320

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	23.6	15.8	23.6



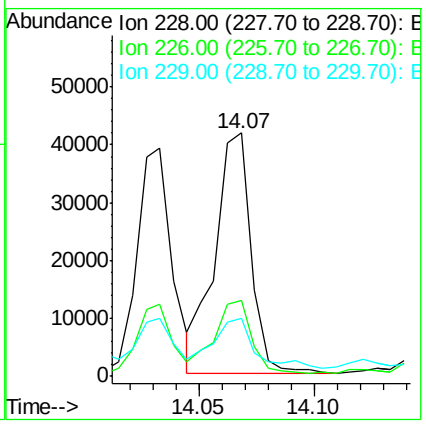


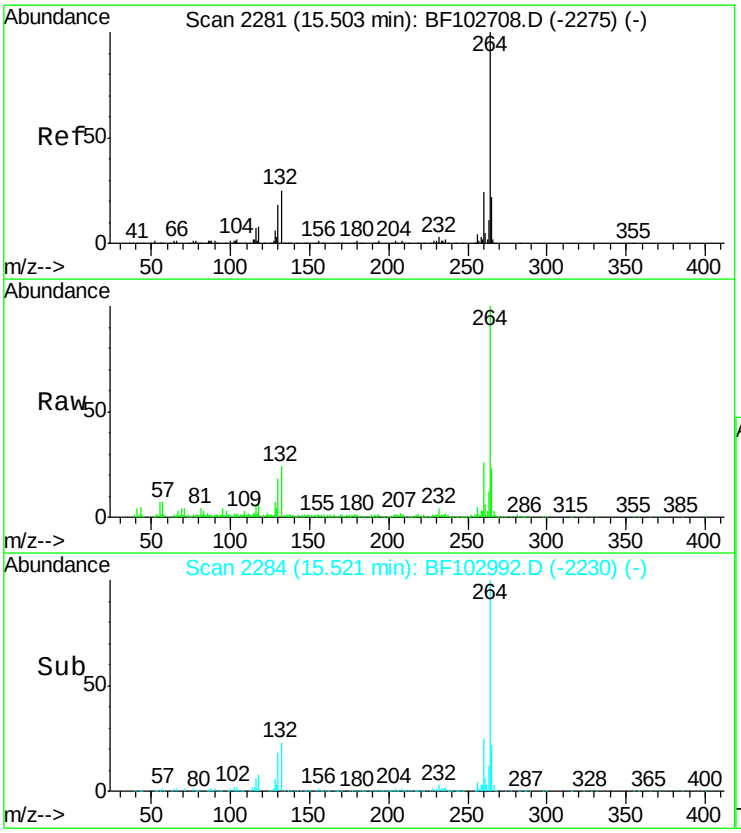
#82
Chrysene
Concen: 2.256 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 45320

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.6	16.2	24.4

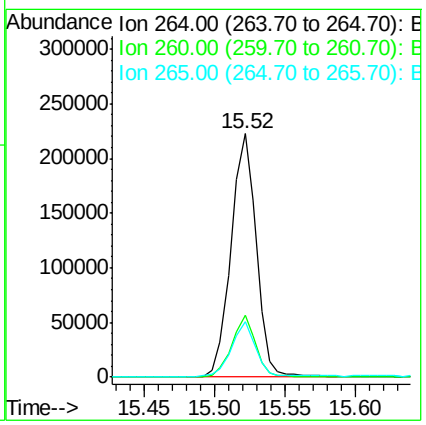


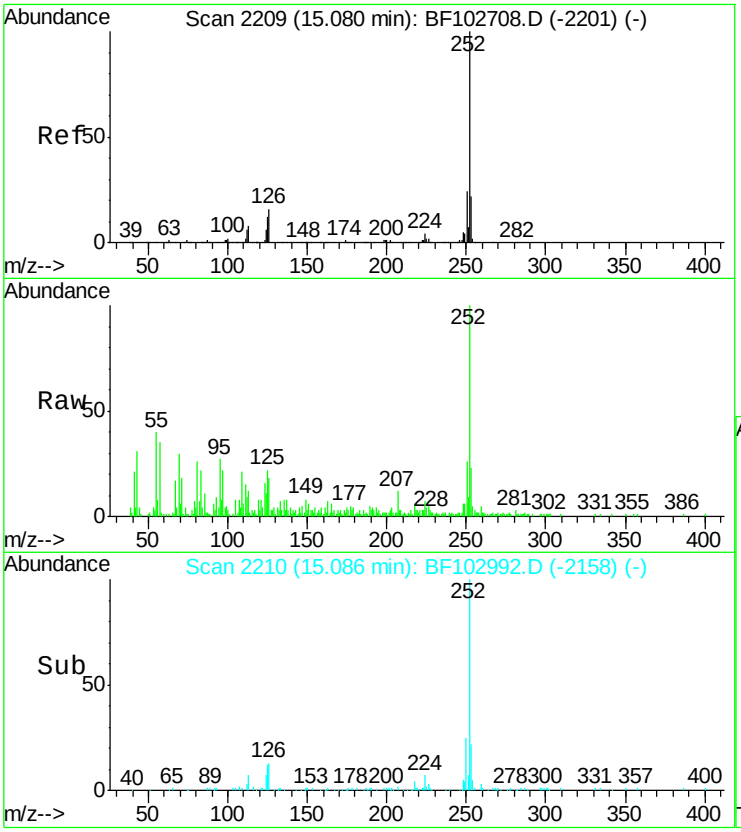


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:264 Resp: 277502

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.6	17.5	26.3



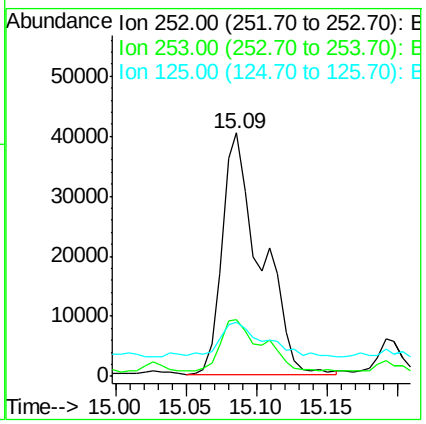


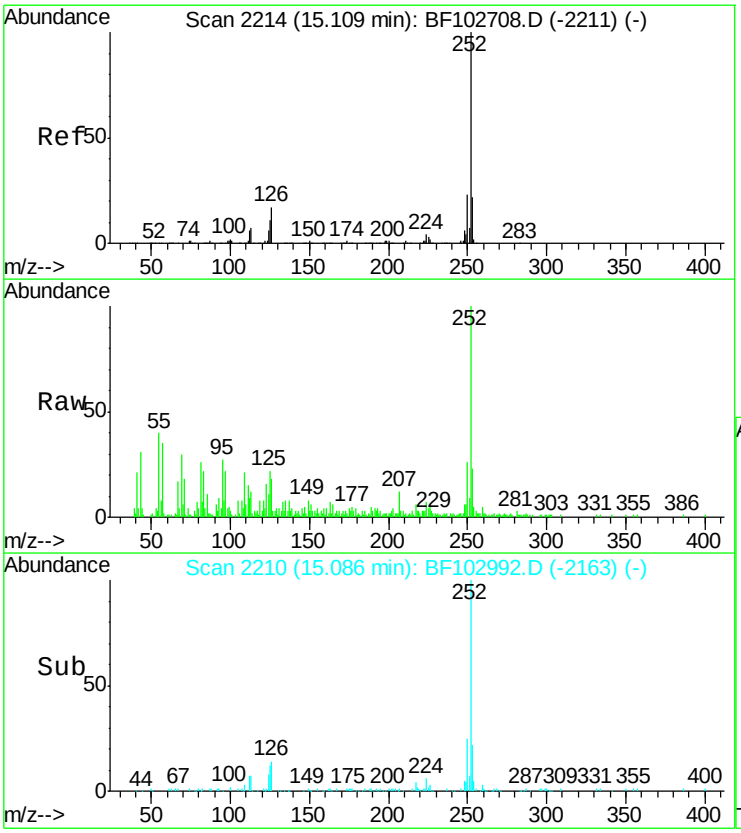
#87
Benzo(b)fluoranthene
Concen: 4.238 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 76246

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	22.1	9.0	13.6#

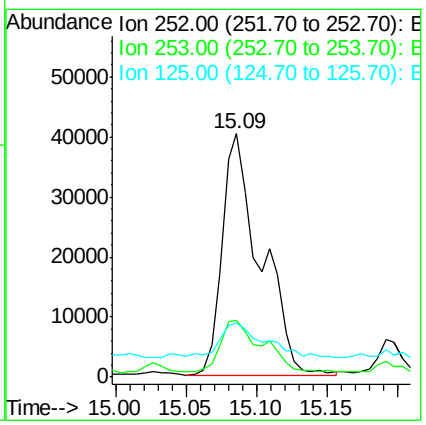


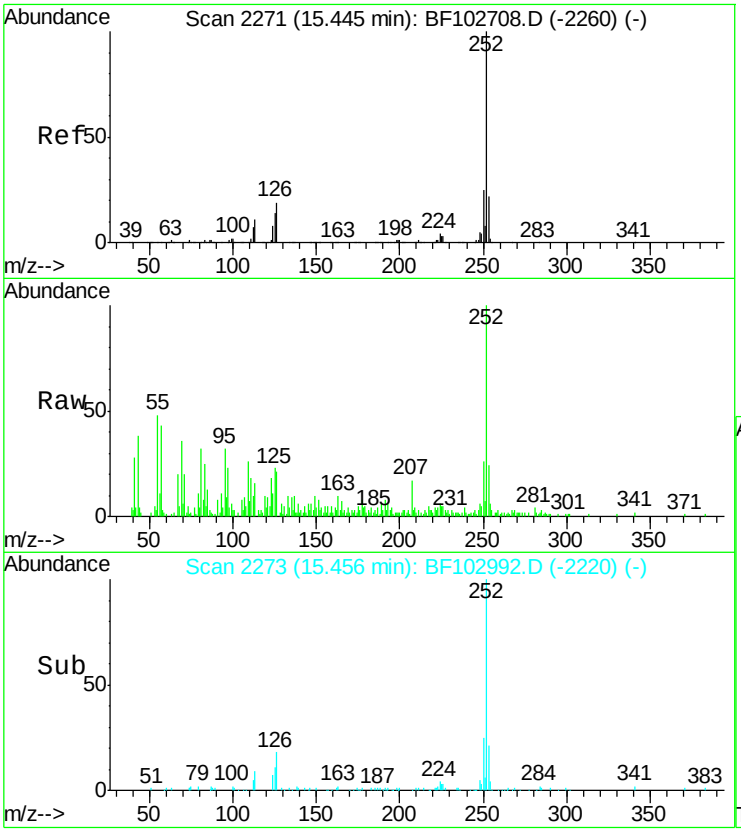


#88
Benzo(k)fluoranthene
Concen: 4.435 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion:252 Resp: 76246

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	22.1	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.189 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 35456

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	22.6	9.8	14.6#