Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102158.D
Acq On : 17 Jan 2018 19:00
Operator : SJ/JU
Sample : J1156-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 18 01:08:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156493	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	625501	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	267503	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	396293	20.00	ng		0.00
75) Chrysene-d12	13.86	240	267583	20.00	ng		-0.01
86) Perylene-d12	15.28	264	282402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1095223	98.83	ng		0.01
7) Phenol-d6	6.36	99	1267593	95.87	ng		0.00
23) Nitrobenzene-d5	7.29	82	807213	75.84	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	251474	107.72	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1352478	78.99	ng		0.00
78) Terphenyl-d14	12.82	244	914114	70.93	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	58535	3.917	ng		89
19) n-Nitroso-di-n-propylamine	7.29	70	110272	12.726	ng	#	80
25) Isophorone	7.29	82	798887	37.984	ng	#	64
49) Dimethylphthalate	9.47	163	153812	7.168	ng		99
56) 2,4-Dinitrotoluene	9.75	165	33824	6.296	ng	#	23
62) Azobenzene	10.47	77	76462	3.600	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.54	198	560	5.892	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	16361	3.909	ng	#	1
74) Fluoranthene	12.44	202	91742	4.028	ng		95
77) Pyrene	12.67	202	81041	3.426	ng		99
80) Benzo(a)anthracene	13.86	228	39659	2.323	ng		99
82) Chrysene	13.89	228	39747	2.233	ng		97
85) Indeno(1,2,3-cd)pyrene	16.64	276	26232	2.025	ng		99
87) Benzo(b)fluoranthene	14.87	252	79033	4.292	ng		99
88) Benzo(k)fluoranthene	14.87	252	79033	4.449	ng		99
89) Benzo(a)pyrene	15.22	252	39006	2.354	ng		98

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

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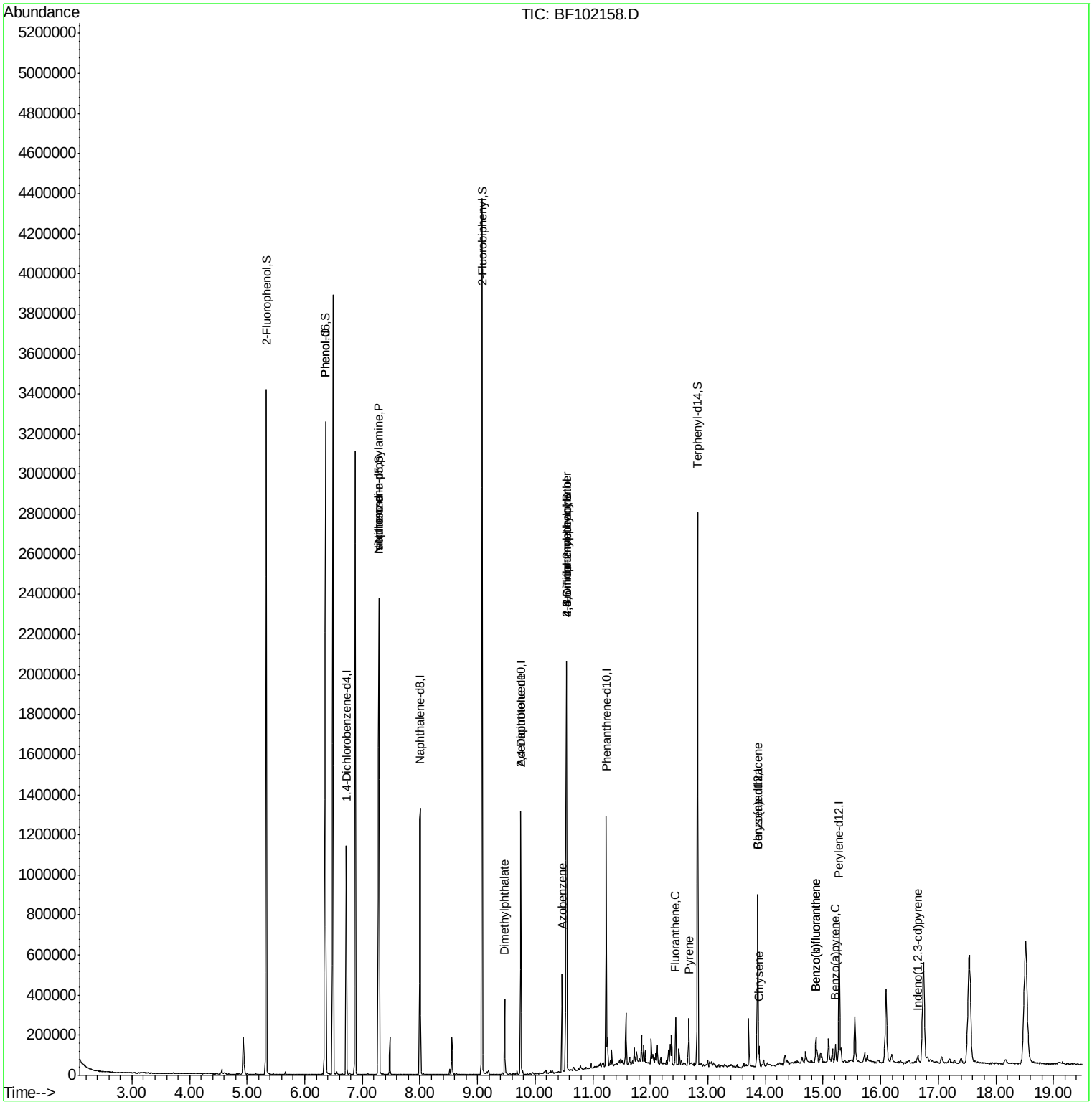
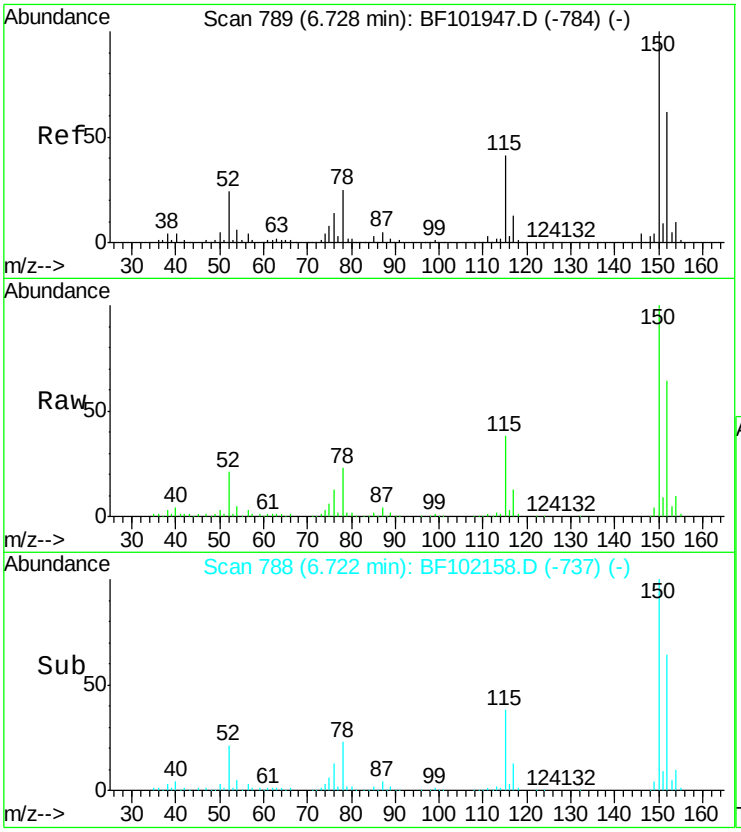


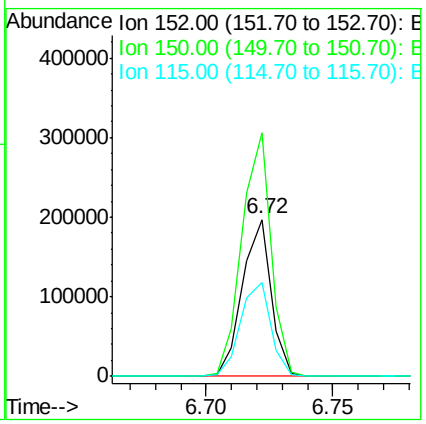


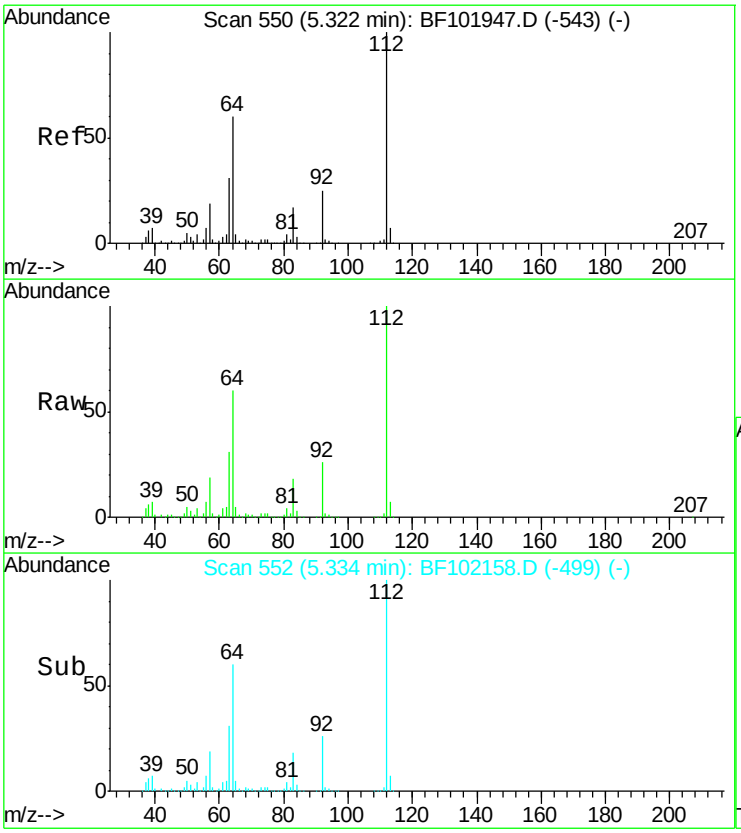
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 156493

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.6	50.1	75.1

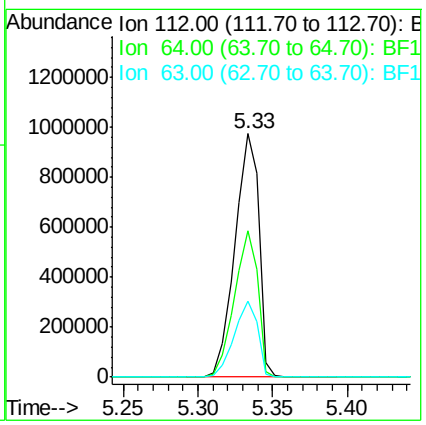


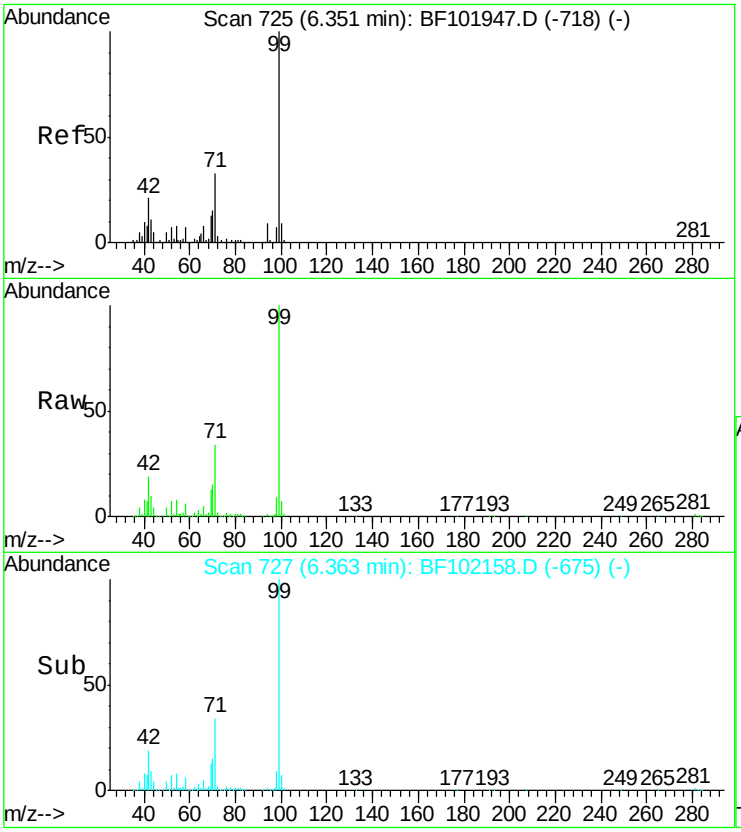


#5
2-Fluorophenol
Concen: 98.825 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:112 Resp: 1095223

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.1	23.7	35.5



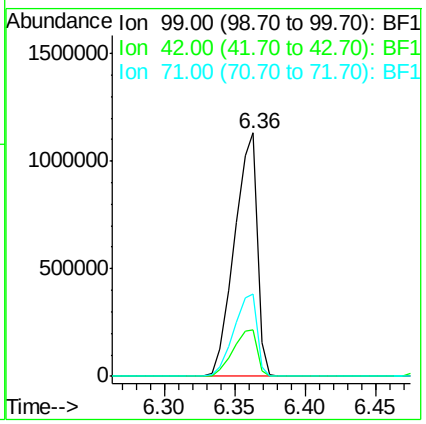


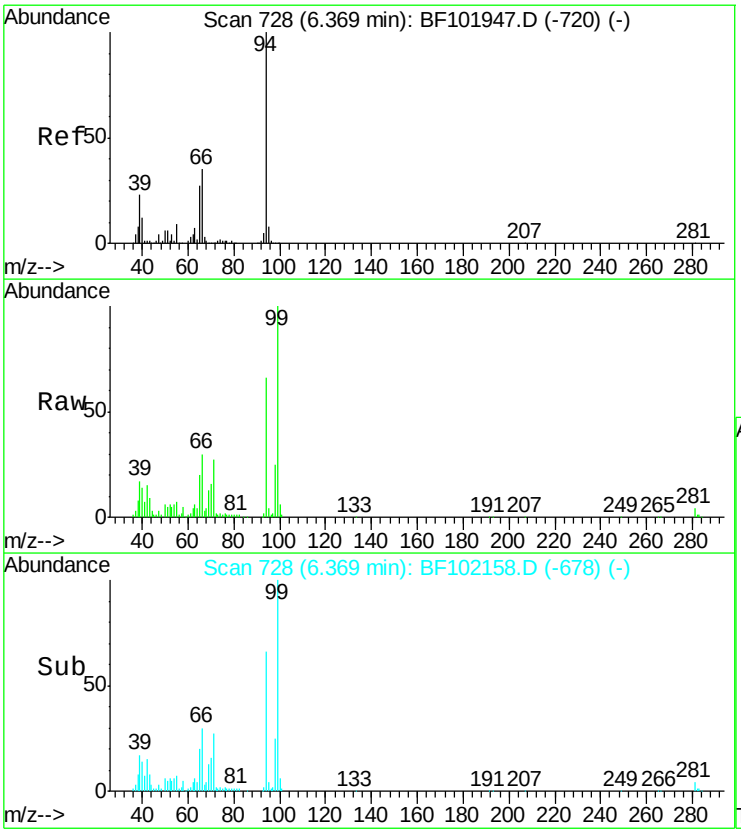
#7
Phenol-d6
Concen: 95.866 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1267593

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.9	25.4	38.0

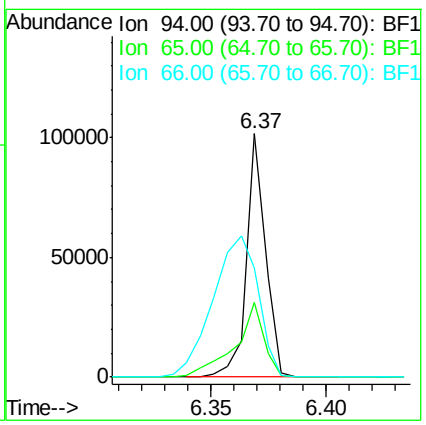


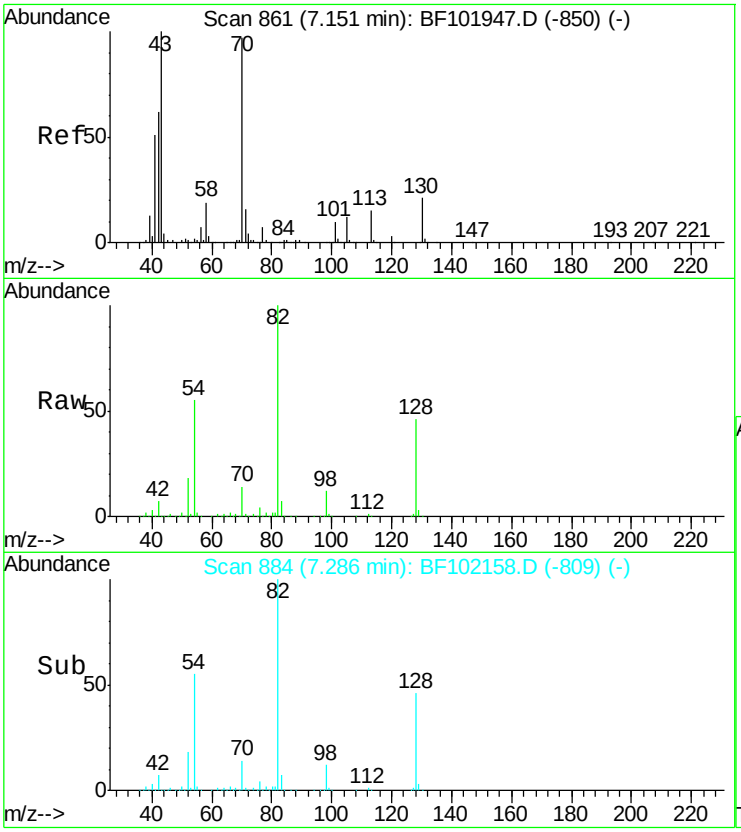


#10
Phenol
Concen: 3.917 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion: 94 Resp: 58535

Ion	Ratio	Lower	Upper
94	100		
65	30.8	7.9	47.9
66	45.0	16.2	56.2



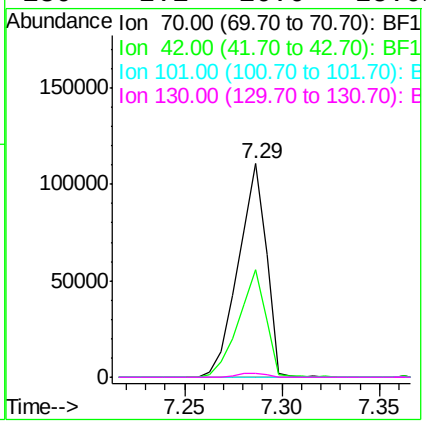


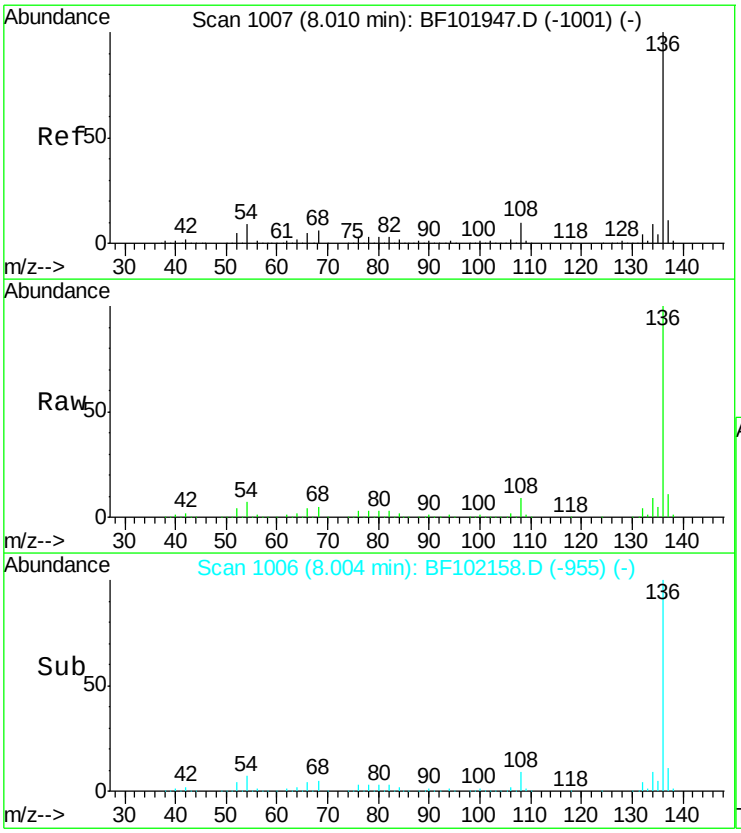
#19
n-Nitroso-di-n-propylamine
Concen: 12.726 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 110272

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

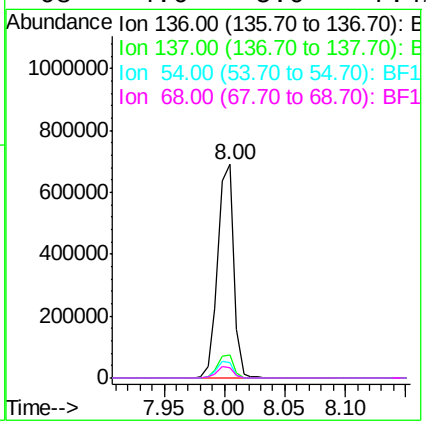


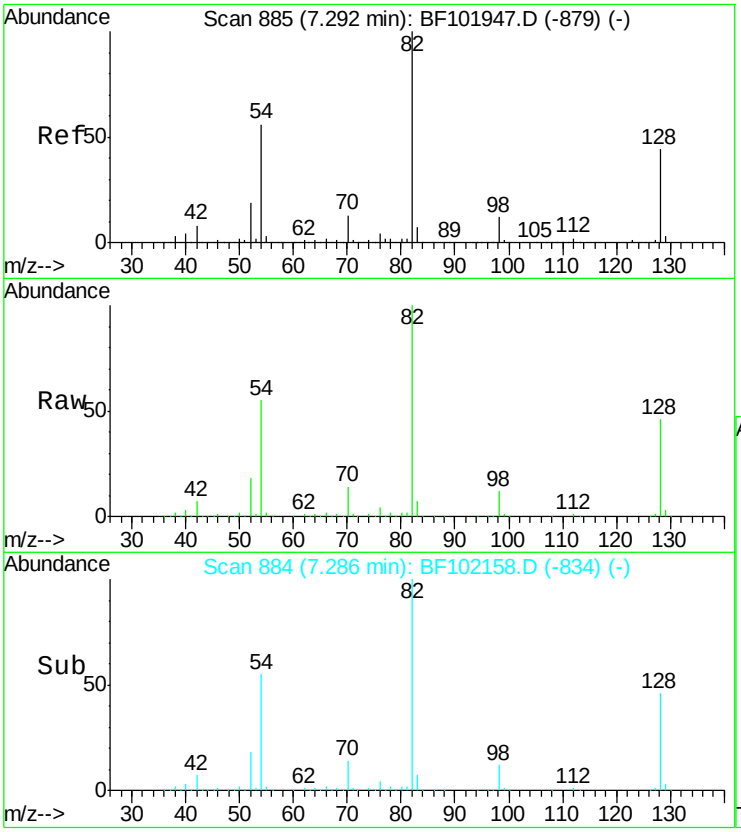


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:136 Resp: 625501

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	6.6	9.8
68	4.6	5.0	7.4#



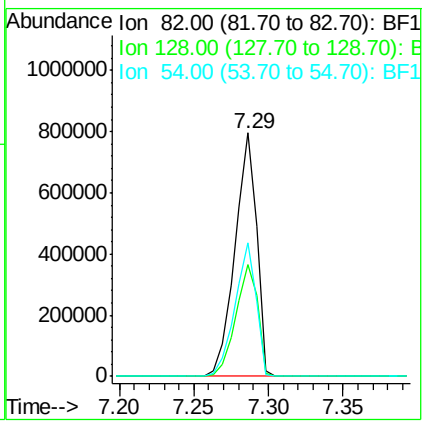


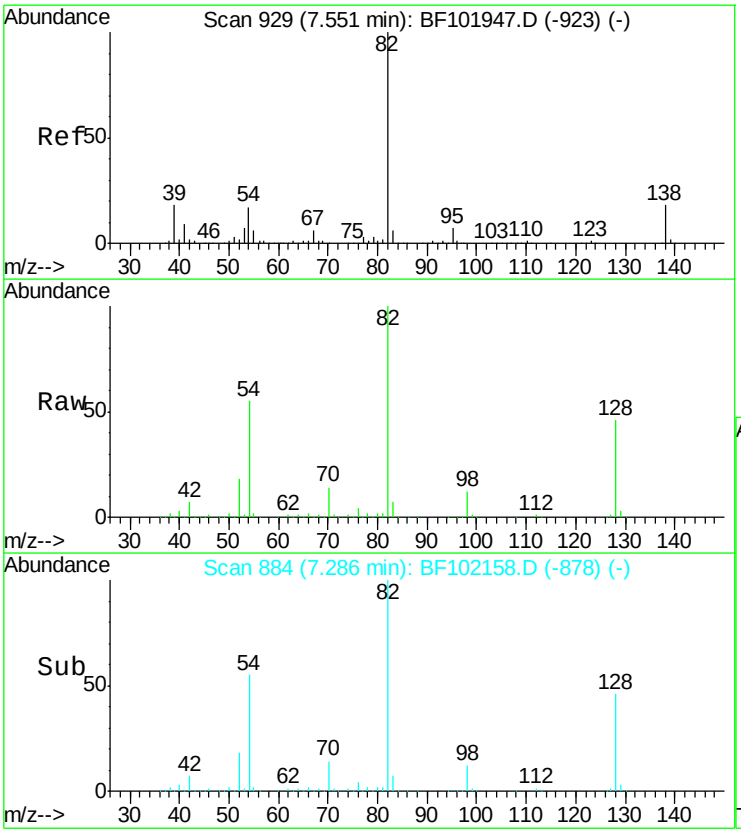
#23
Nitrobenzene-d5
Concen: 75.835 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 807213

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	55.1	41.4	62.2

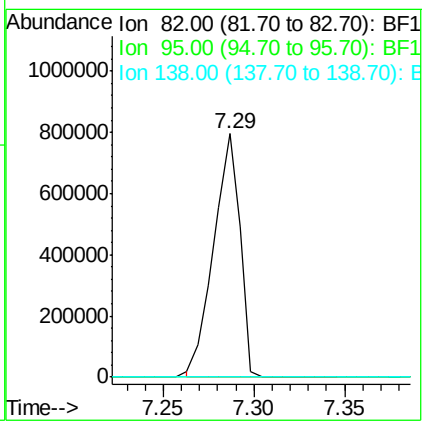


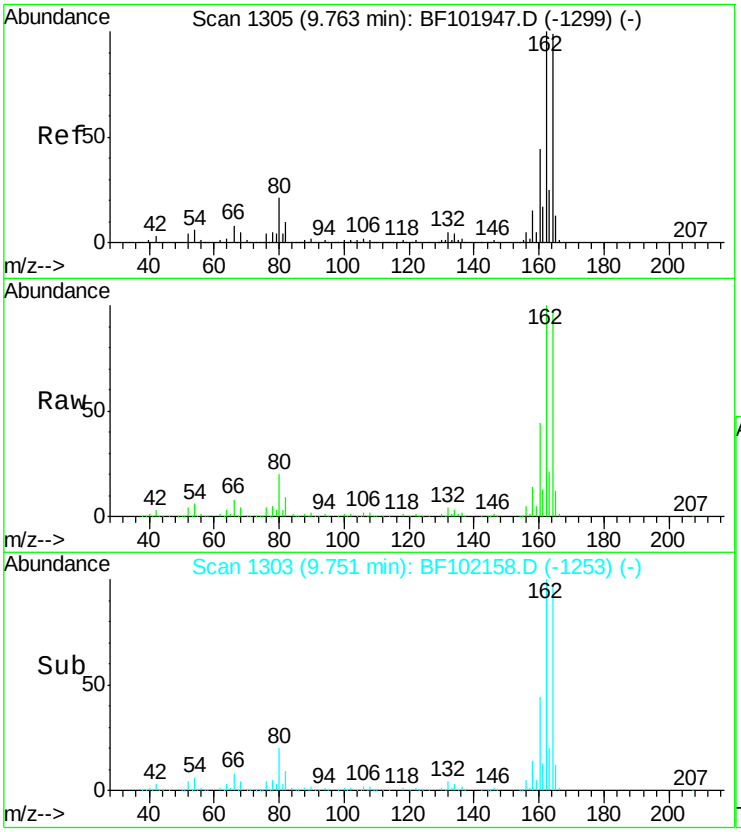


#25
Isophorone
Concen: 37.984 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion: 82 Resp: 798887

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



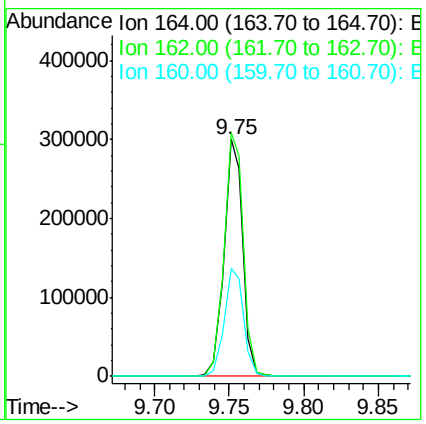


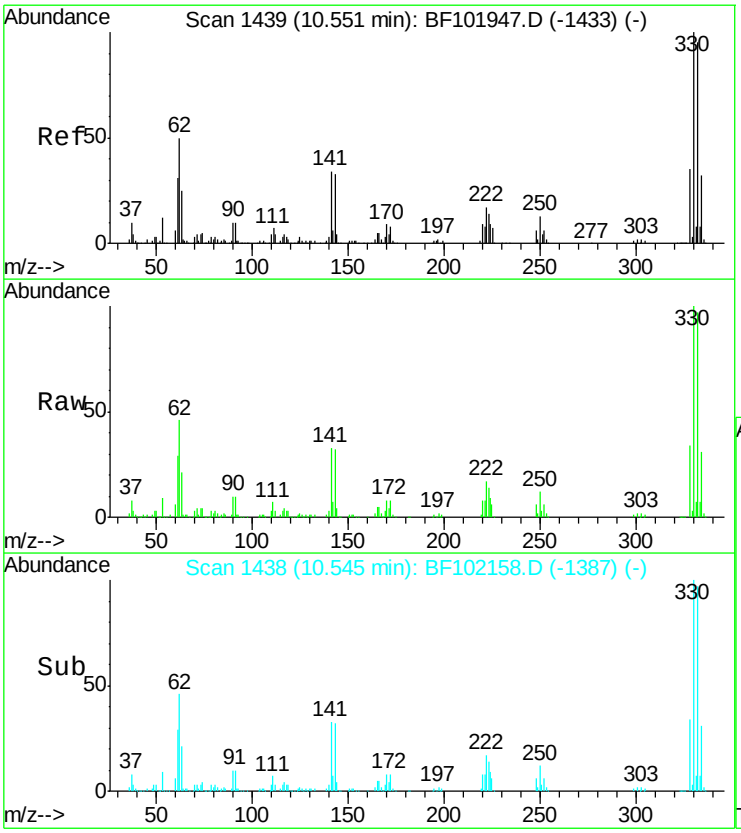
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 267503

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.4	38.3	57.5

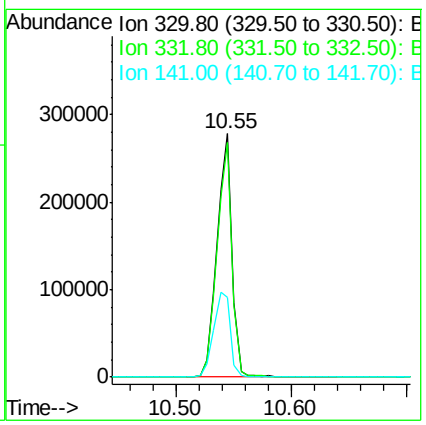


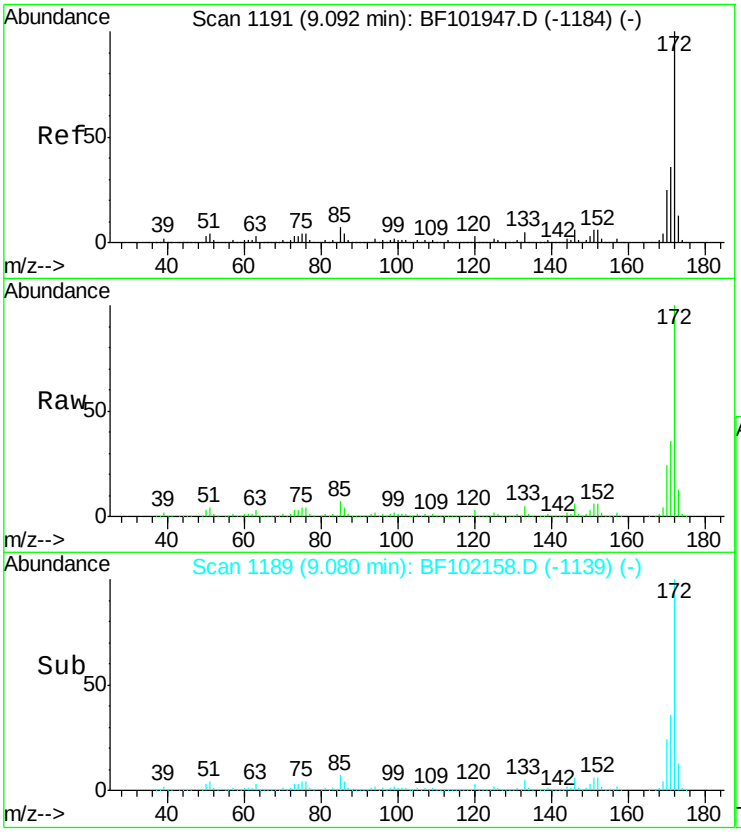


#41
2,4,6-Tribromophenol
Concen: 107.722 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:330 Resp: 251474

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	38.9	29.9	44.9



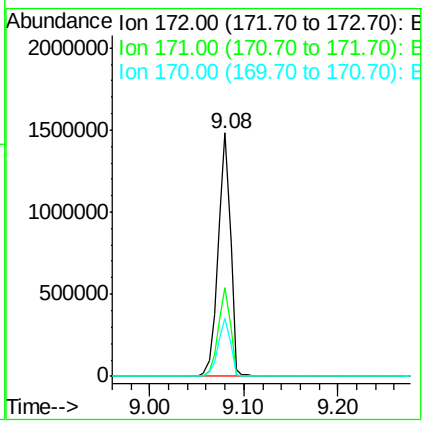


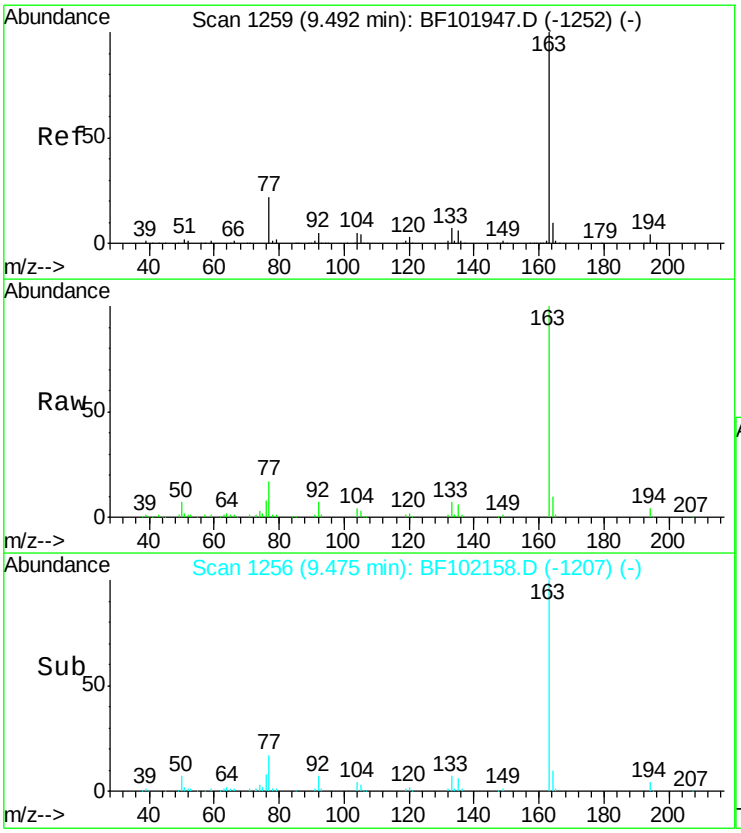
#44
2-Fluorobiphenyl
Concen: 78.987 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1352478

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

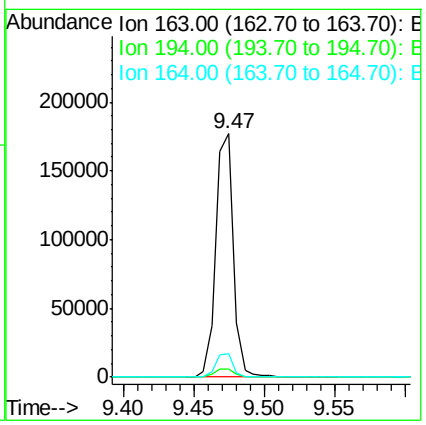


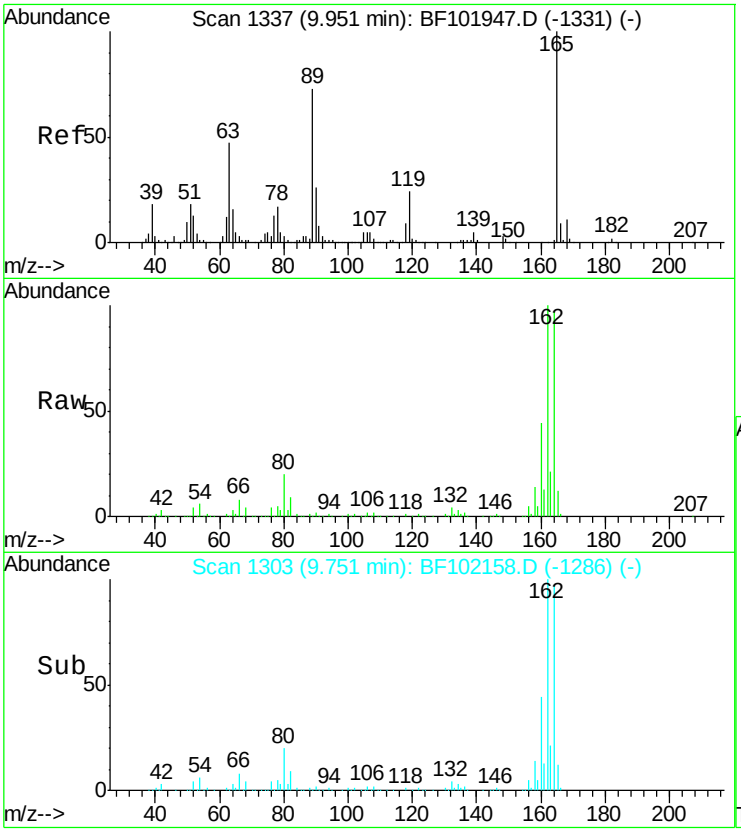


#49
Dimethylphthalate
Concen: 7.168 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:163 Resp: 153812

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.6	8.2	12.2



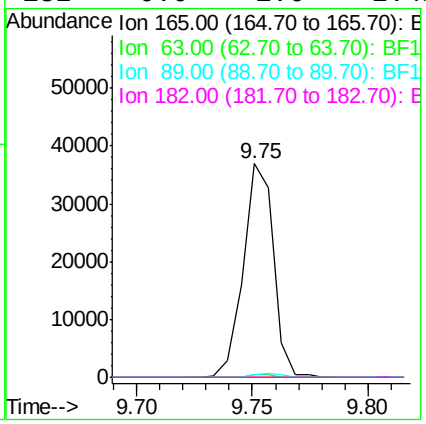


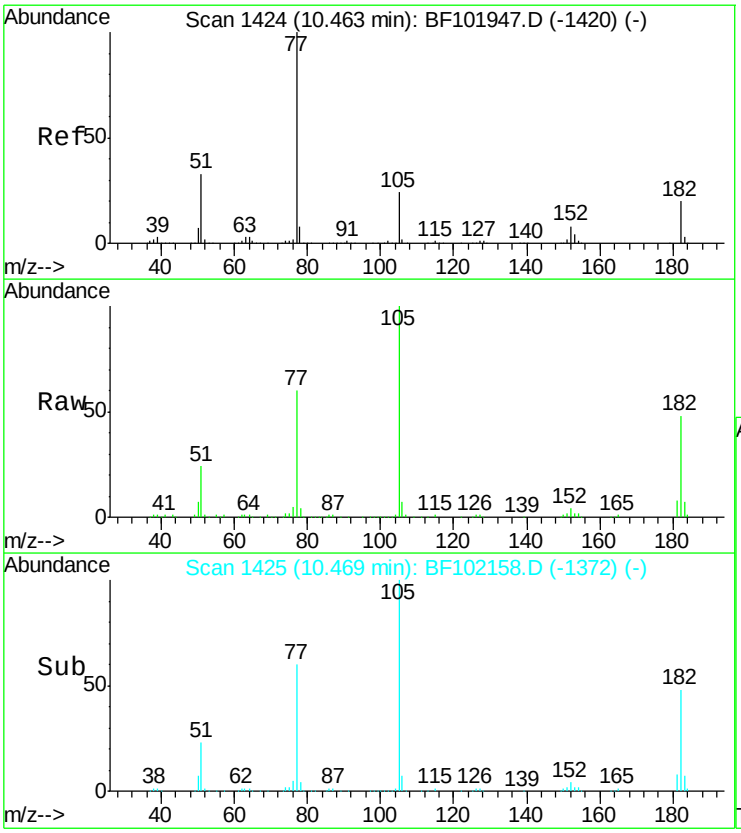
#56
2,4-Dinitrotoluene
Concen: 6.296 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33824

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

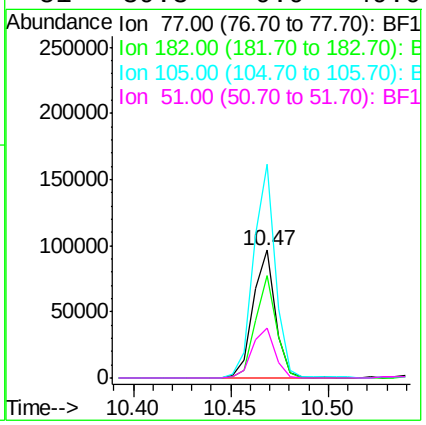


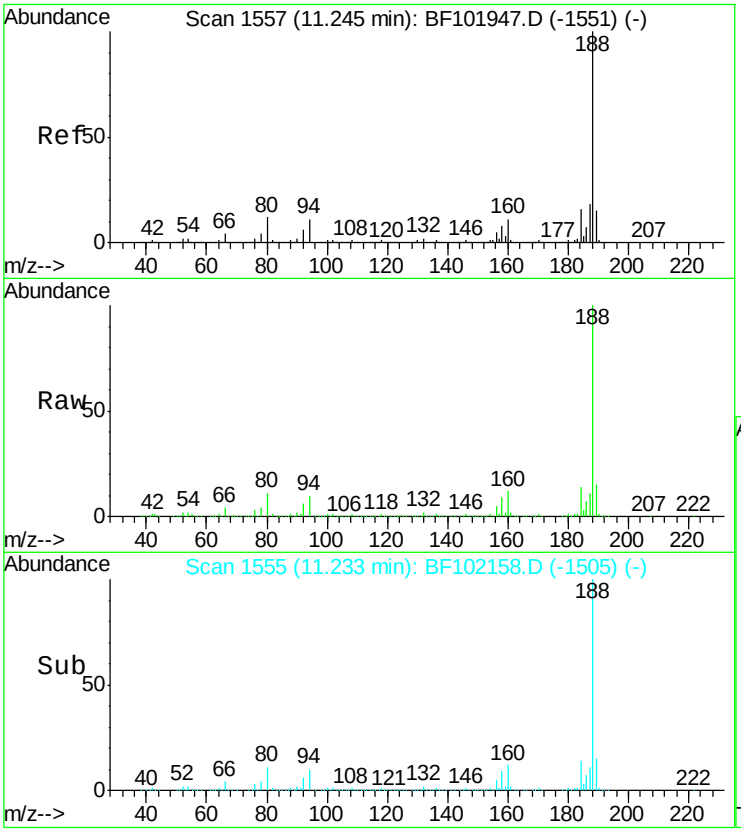


#62
Azobenzene
Concen: 3.600 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion: 77 Resp: 76462

Ion	Ratio	Lower	Upper
77	100		
182	80.7	1.7	41.7#
105	167.2	3.0	43.0#
51	39.3	9.9	49.9



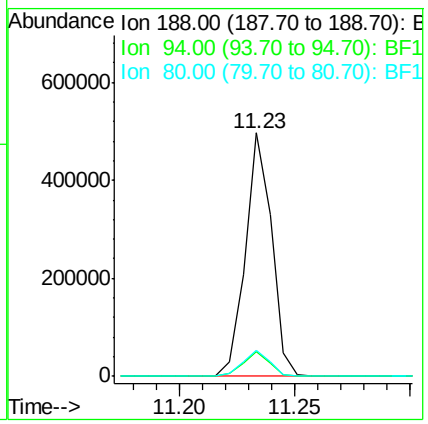


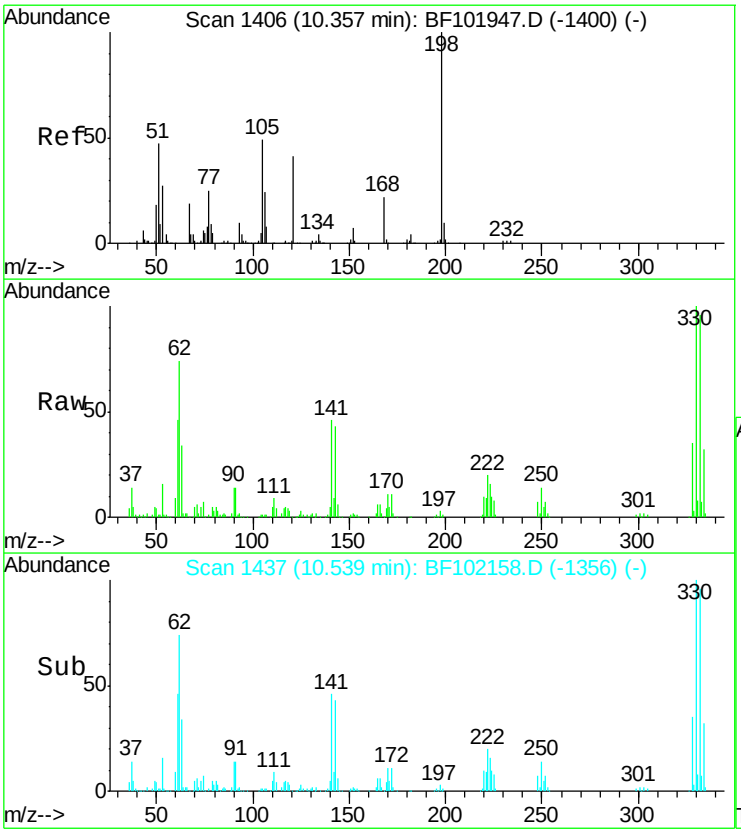
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 396293

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.6	9.2	13.8

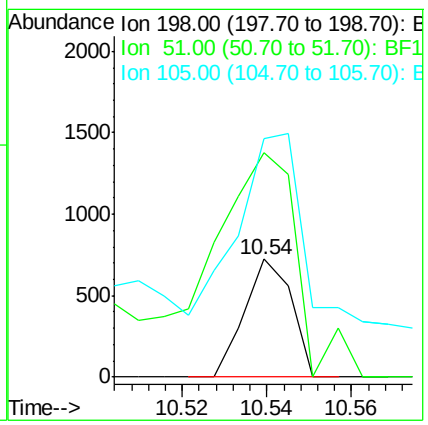


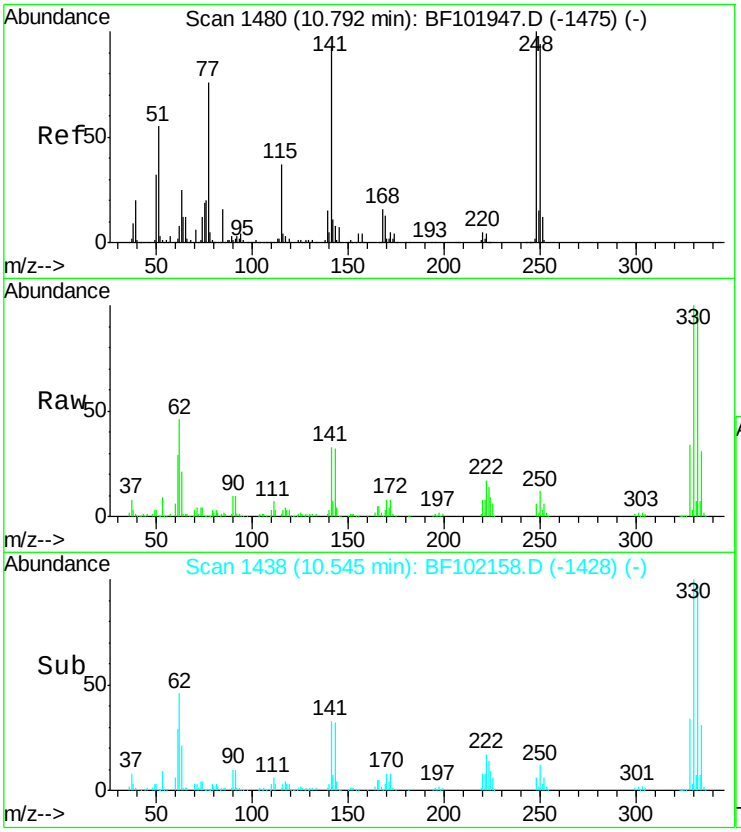


#64
4,6-Dinitro-2-methylphenol
Concen: 5.892 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:198 Resp: 560

Ion	Ratio	Lower	Upper
198	100		
51	190.9	37.7	77.7#
105	202.9	36.3	76.3#



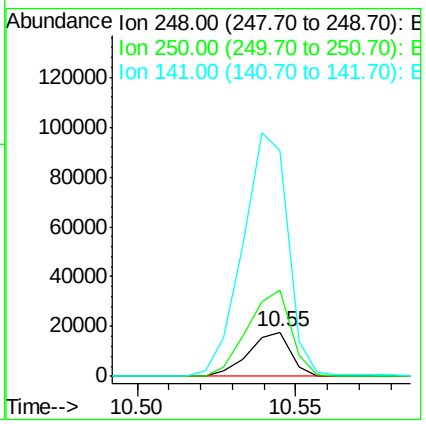


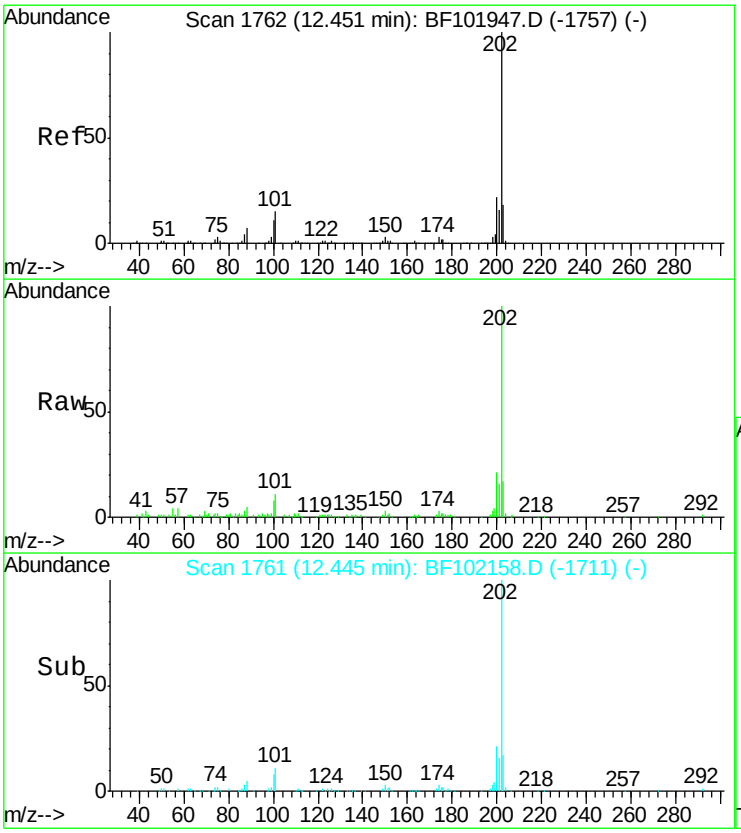
#66
4-Bromophenyl-phenylether
Concen: 3.909 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16361

Ion	Ratio	Lower	Upper
248	100		
250	195.6	76.9	115.3#
141	514.1	74.4	111.6#

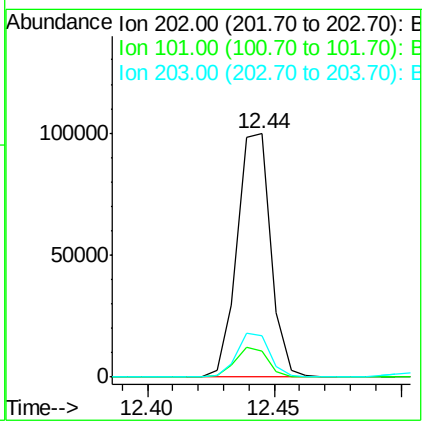


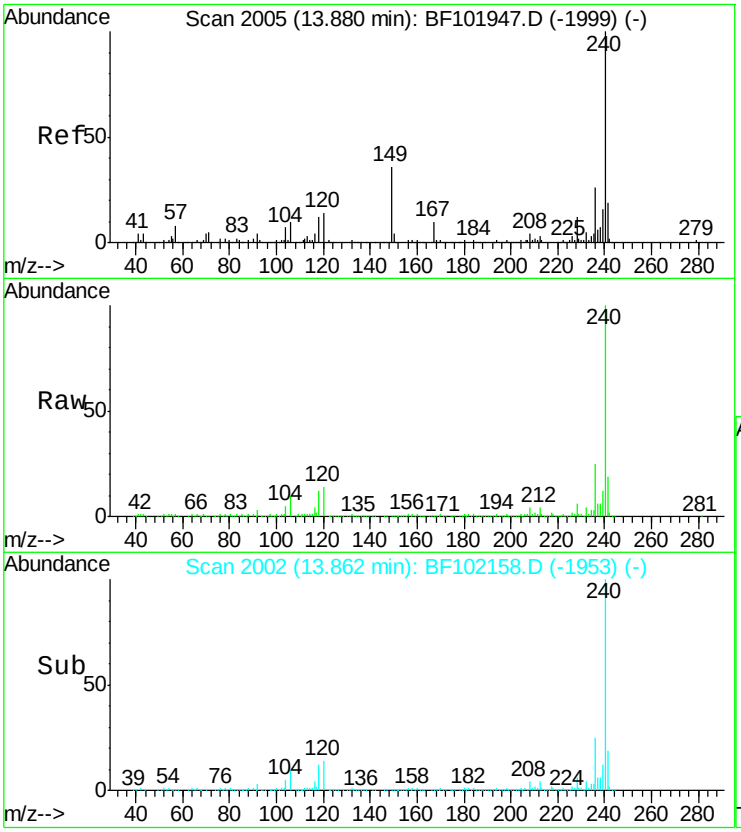


#74
Fluoranthene
Concen: 4.028 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:202 Resp: 91742

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.1	0.0	38.1



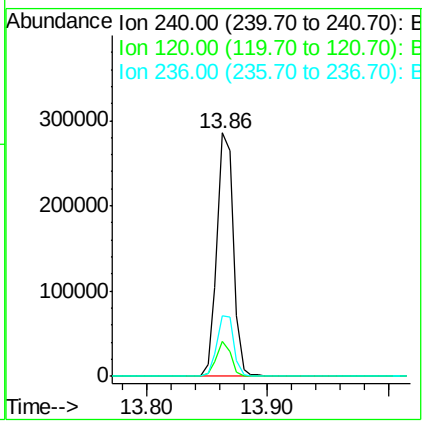


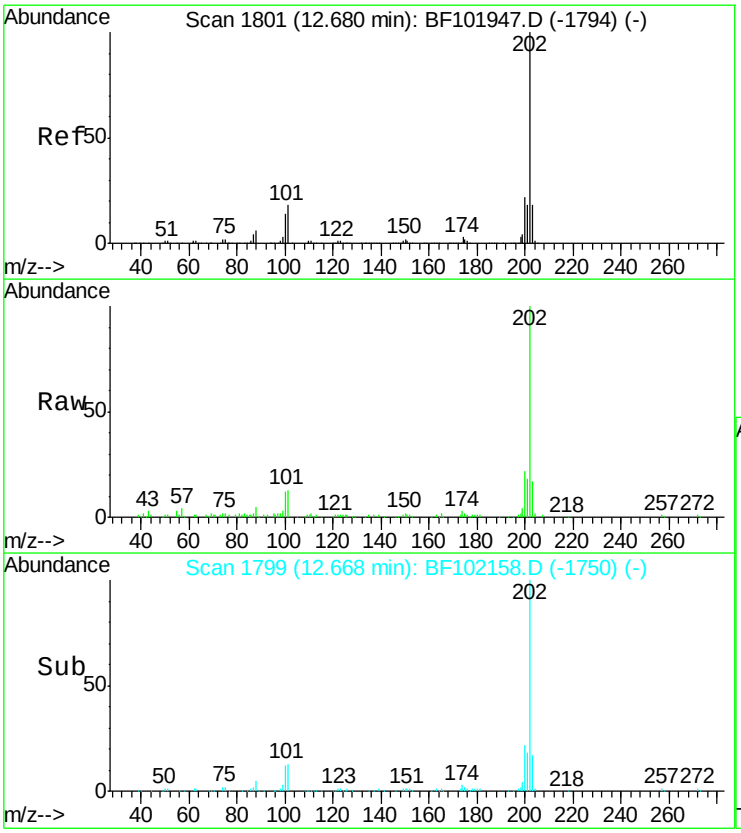
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 267583

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.1	20.7	31.1

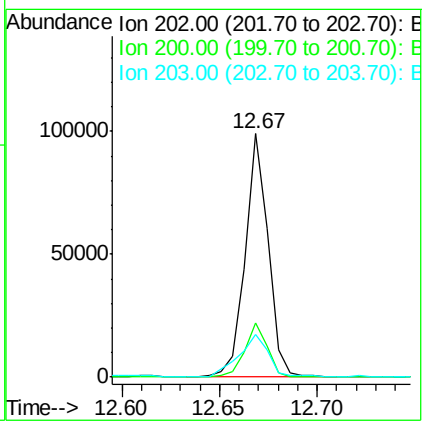


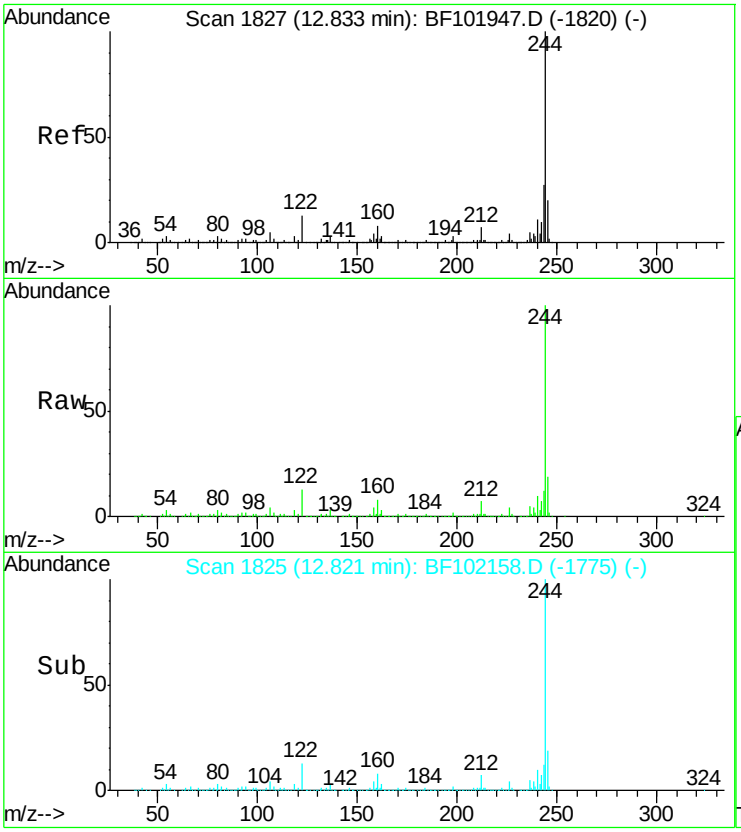


#77
Pyrene
Concen: 3.426 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:202 Resp: 81041

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.4	14.3	21.5



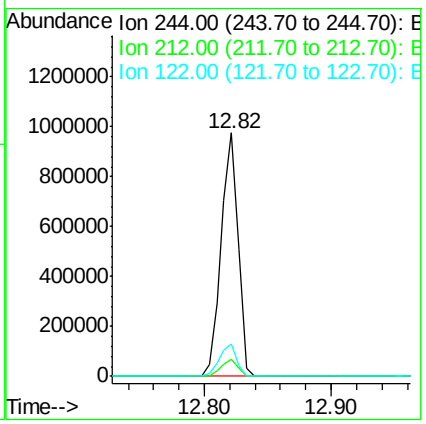


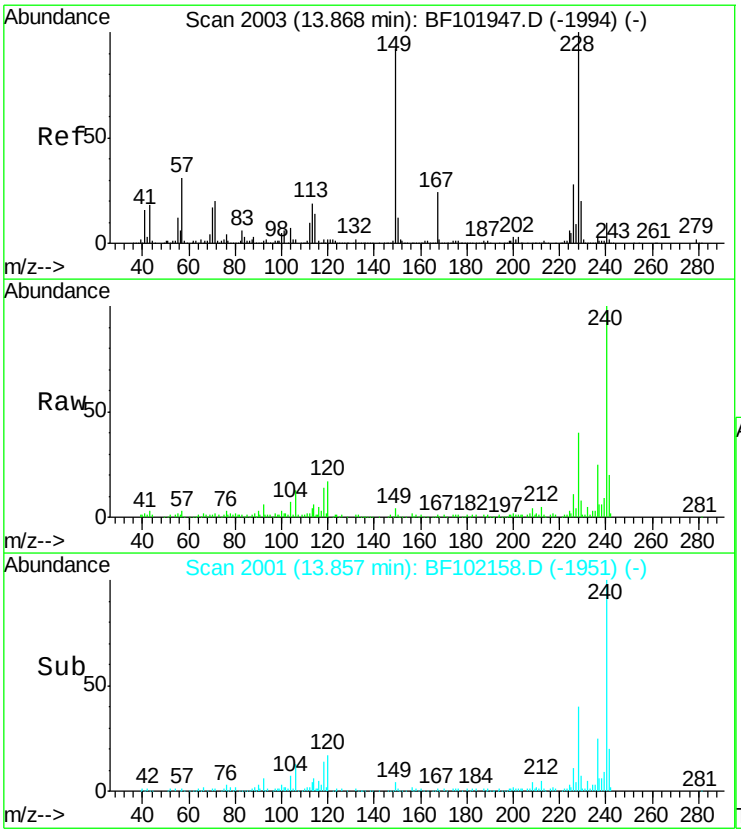
#78
Terphenyl-d14
Concen: 70.929 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 914114

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4

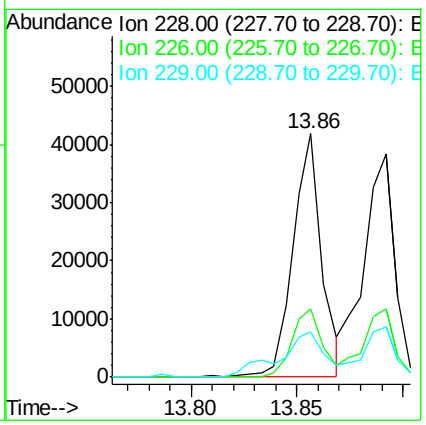


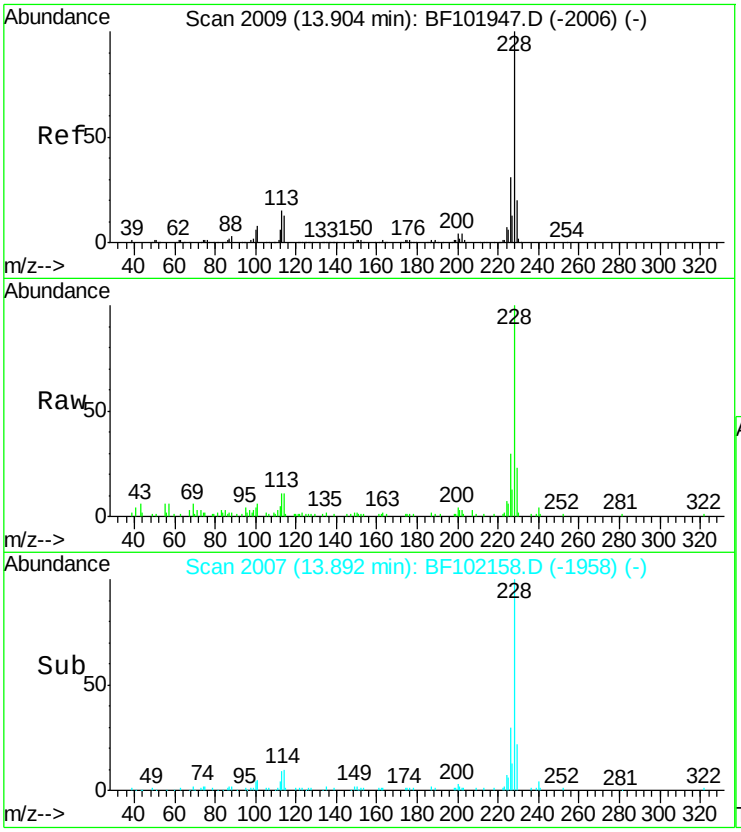


#80
Benzo(a)anthracene
Concen: 2.323 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:228 Resp: 39659

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	18.8	15.8	23.6



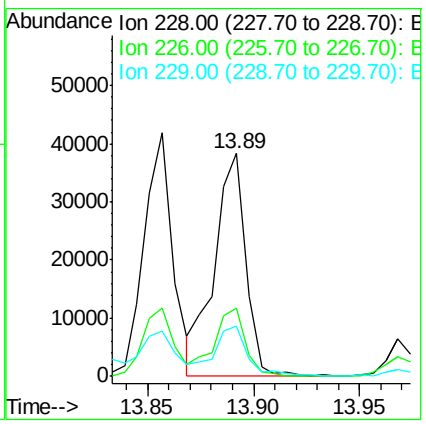


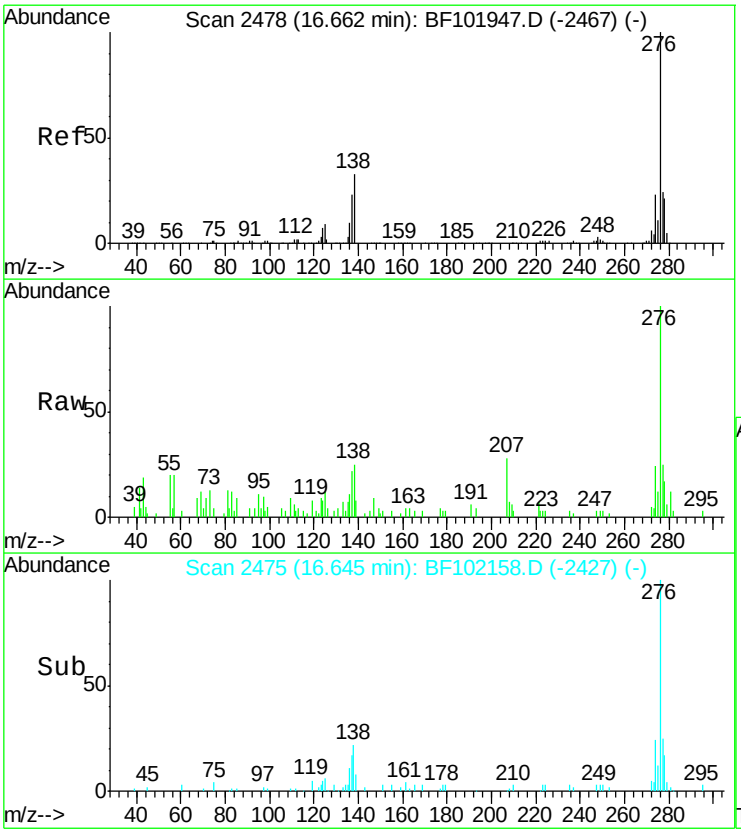
#82
Chrysene
Concen: 2.233 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39747

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.9	16.2	24.4

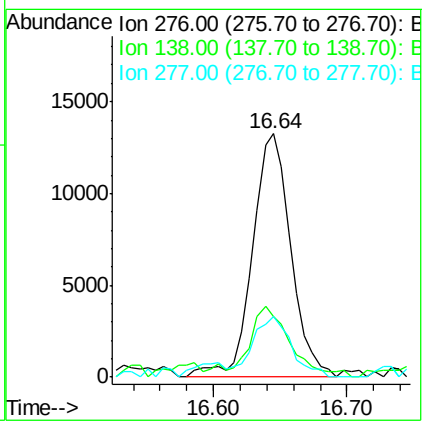


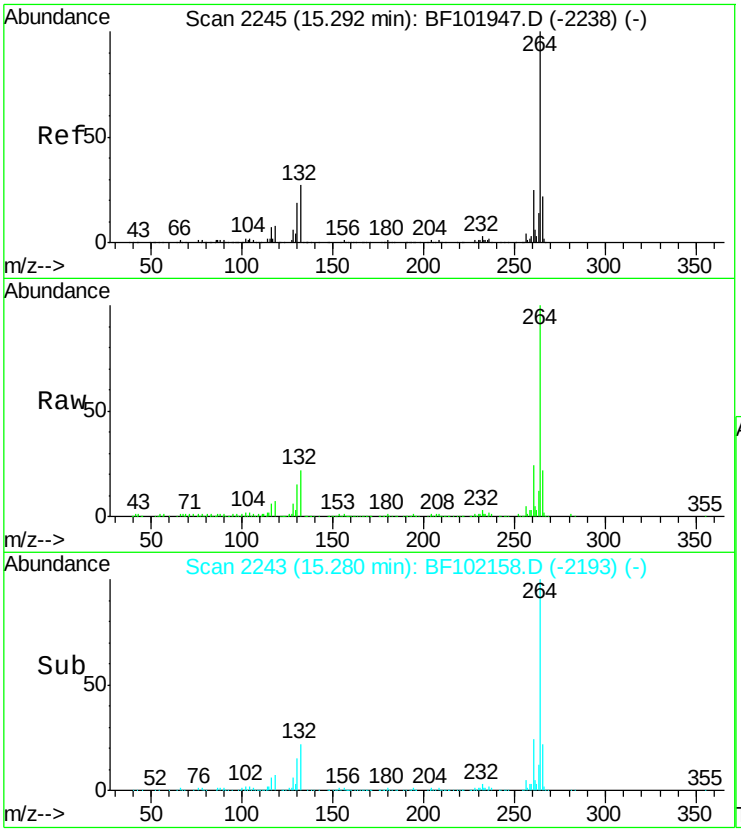


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.025 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:276 Resp: 26232

Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.0	37.6
277	25.3	20.1	30.1



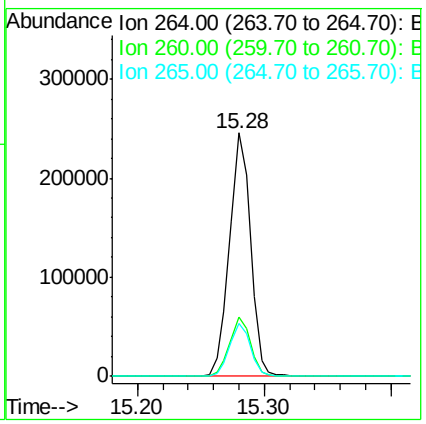


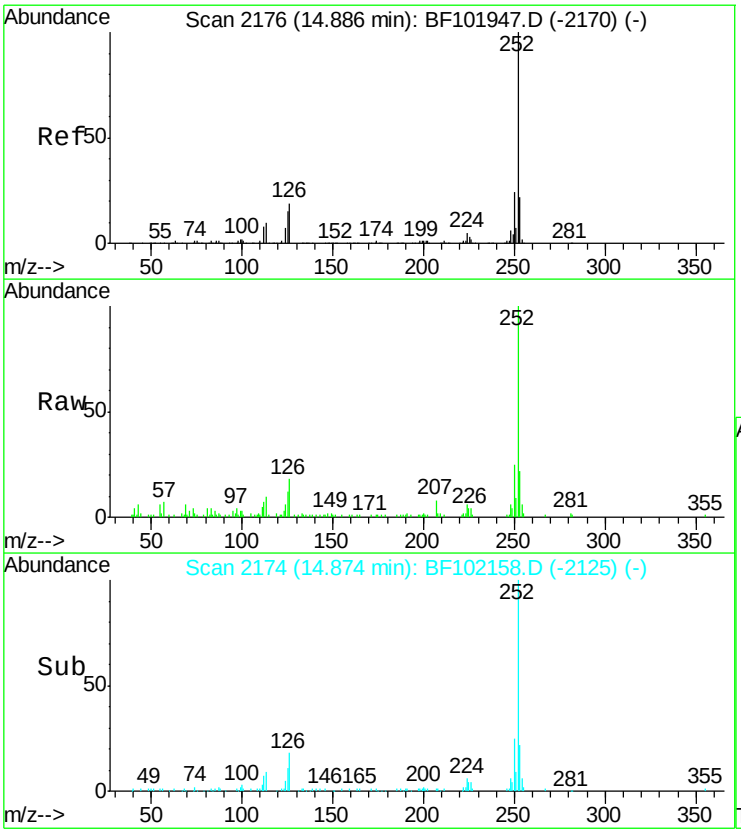
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 282402

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3

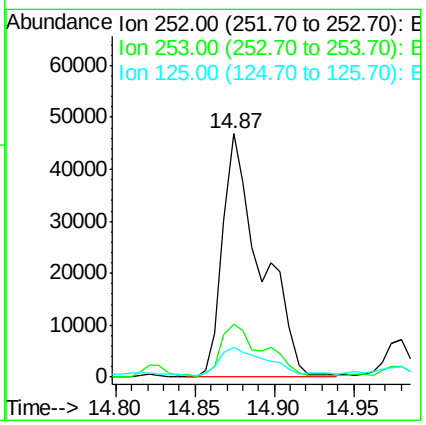


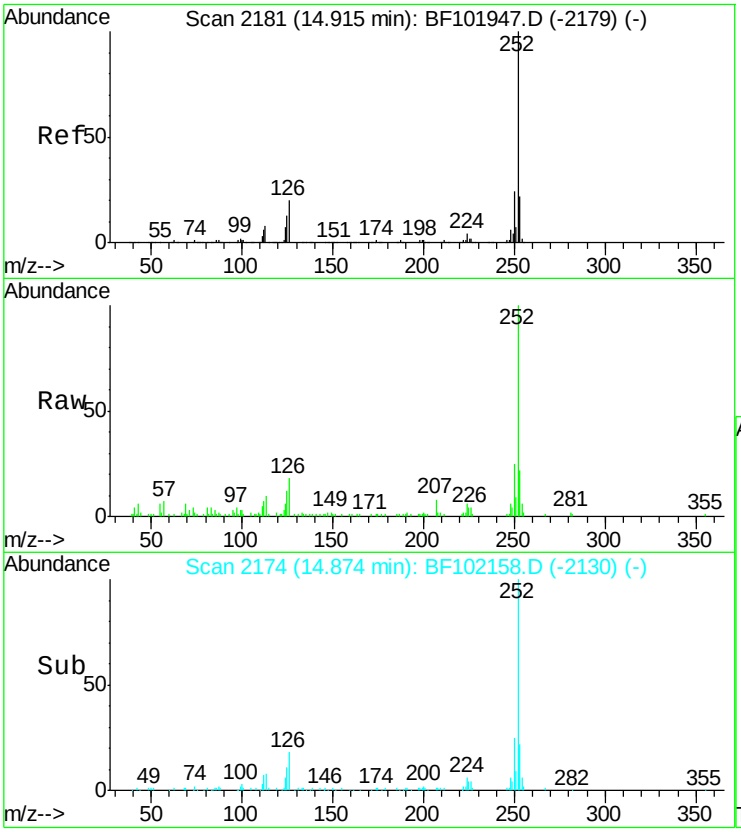


#87
Benzo(b)fluoranthene
Concen: 4.292 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:252 Resp: 79033

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.4	9.0	13.6



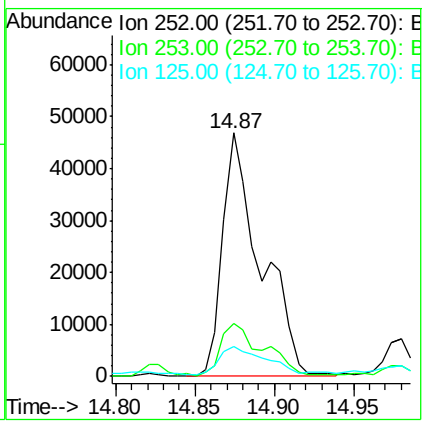


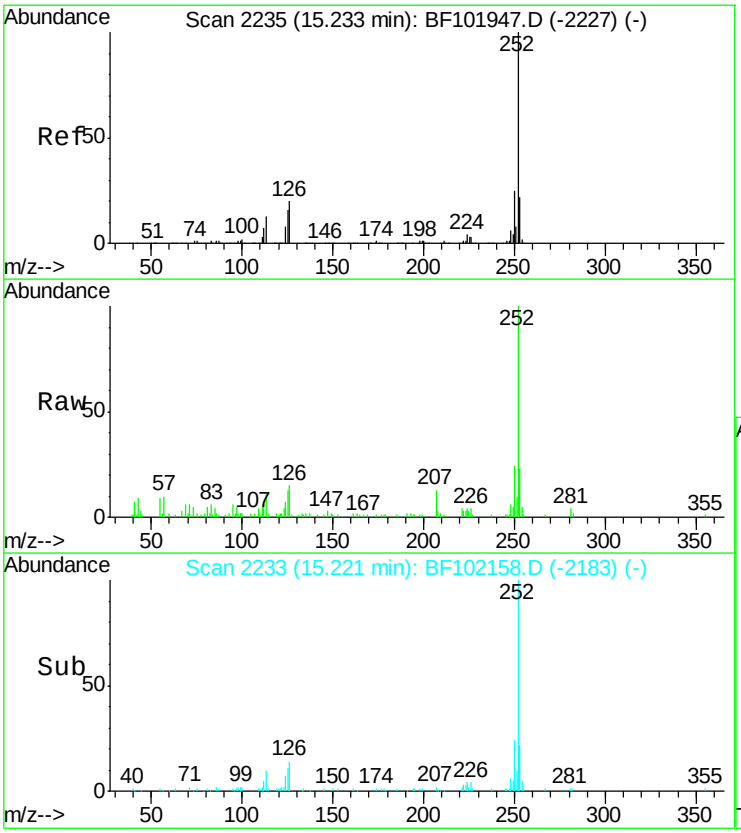
#88
Benzo(k)fluoranthene
Concen: 4.449 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 79033

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.4	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.354 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:252 Resp: 39006

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	12.8	9.8	14.6