Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102531.D
Acq On : 28 Jan 2018 00:45
Operator : SJ/JU
Sample : J1325-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-4632

Quant Time: Jan 28 02:38:47 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128396	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	490094	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	179890	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	259344	20.00	ng		0.00
75) Chrysene-d12	13.87	240	253515	20.00	ng		0.00
86) Perylene-d12	15.30	264	215217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	879481	103.86	ng		0.00
7) Phenol-d6	6.36	99	1016454	99.57	ng		0.00
23) Nitrobenzene-d5	7.28	82	621606	72.89	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	142604	80.00	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	991765	81.06	ng		0.00
78) Terphenyl-d14	12.82	244	684623	60.88	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	39869	3.577	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	79946	12.796	ng	#	79
25) Isophorone	7.28	82	621602	40.885	ng	#	64
49) Dimethylphthalate	9.47	163	130113	8.751	ng		100
56) 2,4-Dinitrotoluene	9.75	165	23077	5.854	ng	#	23
66) 4-Bromophenyl-phenylether	10.54	248	9754	3.494	ng	#	1
70) Phenanthrene	11.26	178	106347	7.037	ng		98
74) Fluoranthene	12.45	202	201930	13.103	ng		97
77) Pyrene	12.67	202	184456	9.411	ng		99
80) Benzo(a)anthracene	13.87	228	90200	5.779	ng		97
82) Chrysene	13.90	228	99788	6.296	ng		97
85) Indeno(1,2,3-cd)pyrene	16.70	276	35753	2.731	ng		93
87) Benzo(b)fluoranthene	14.90	252	148199	10.624	ng	#	95
88) Benzo(k)fluoranthene	14.90	252	148199	11.245	ng	#	96
89) Benzo(a)pyrene	15.24	252	71734	5.702	ng		97
91) Benzo(g,h,i)perylene	17.13	276	35858	3.564	ng		97

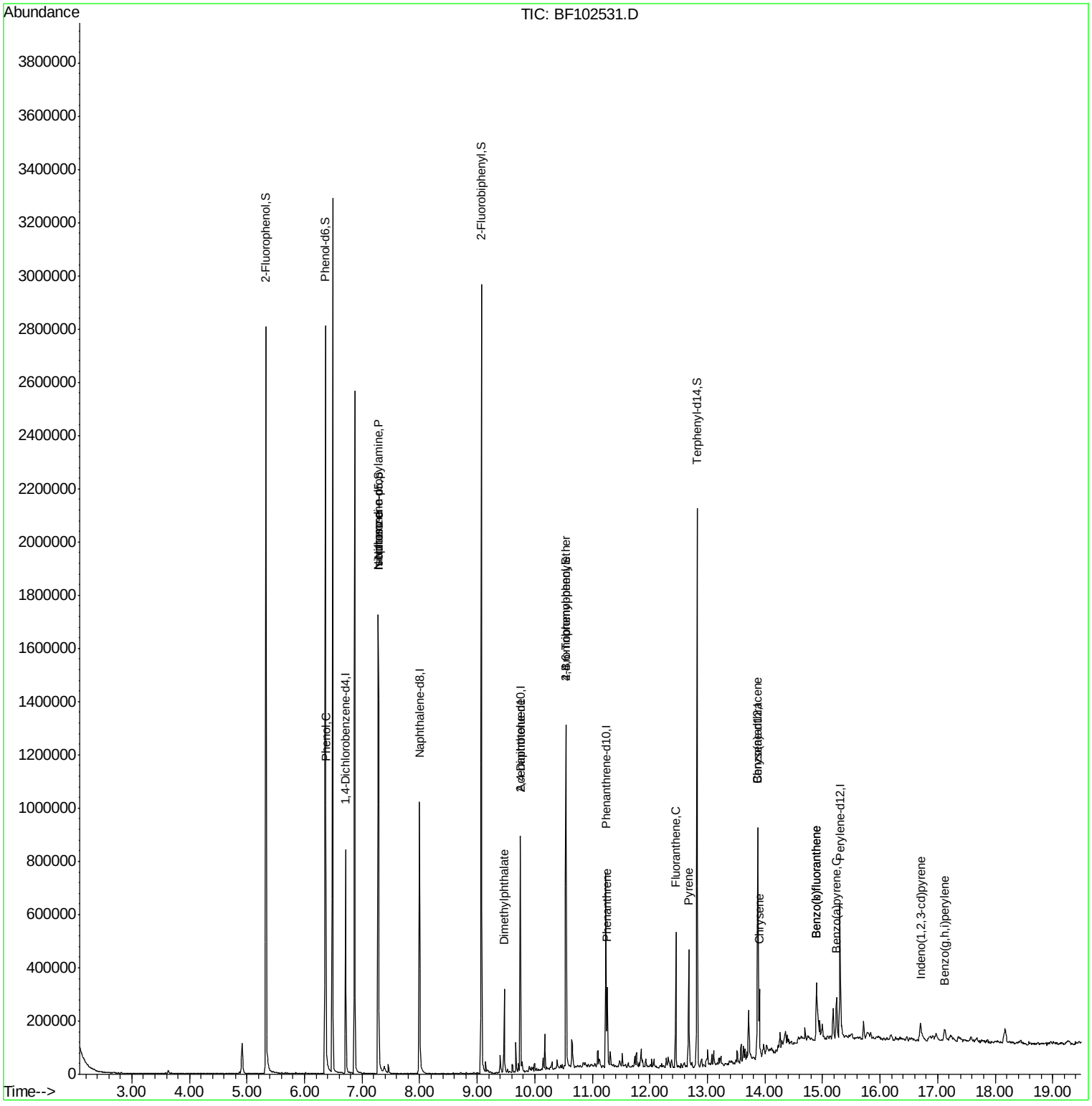
(#) = qualifier out of range (m) = manual integration (+) = signals summed

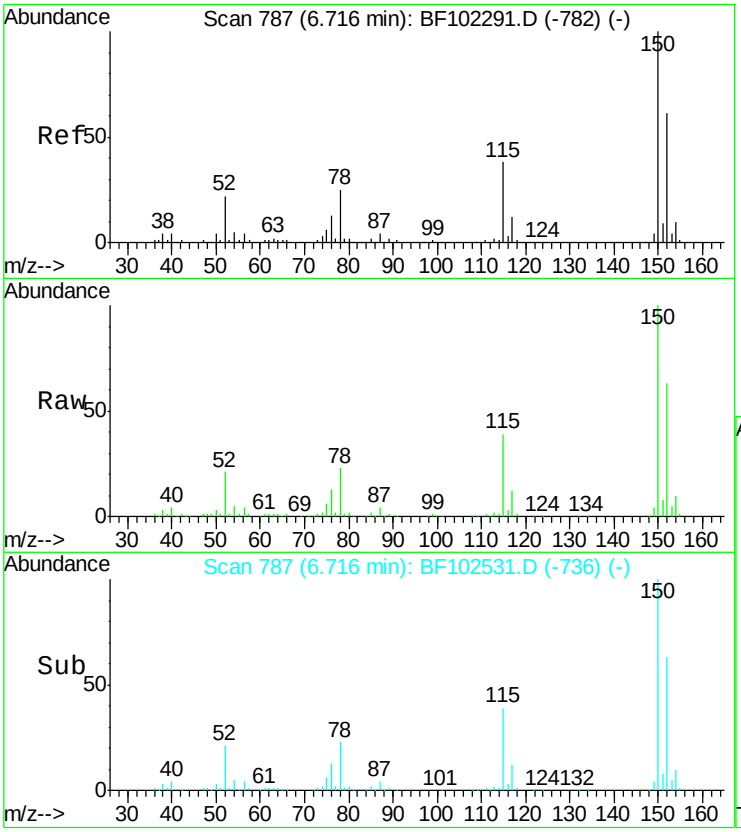
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102531.D
Acq On : 28 Jan 2018 00:45
Operator : SJ/JU
Sample : J1325-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-4632

Quant Time: Jan 28 02:38:47 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration



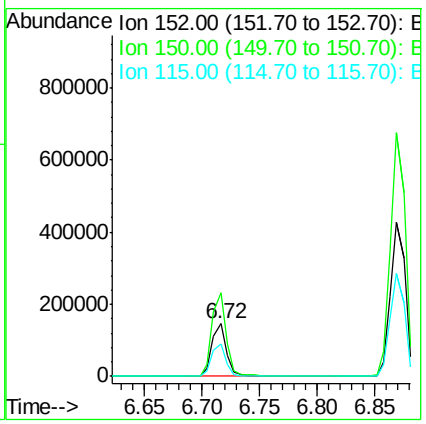


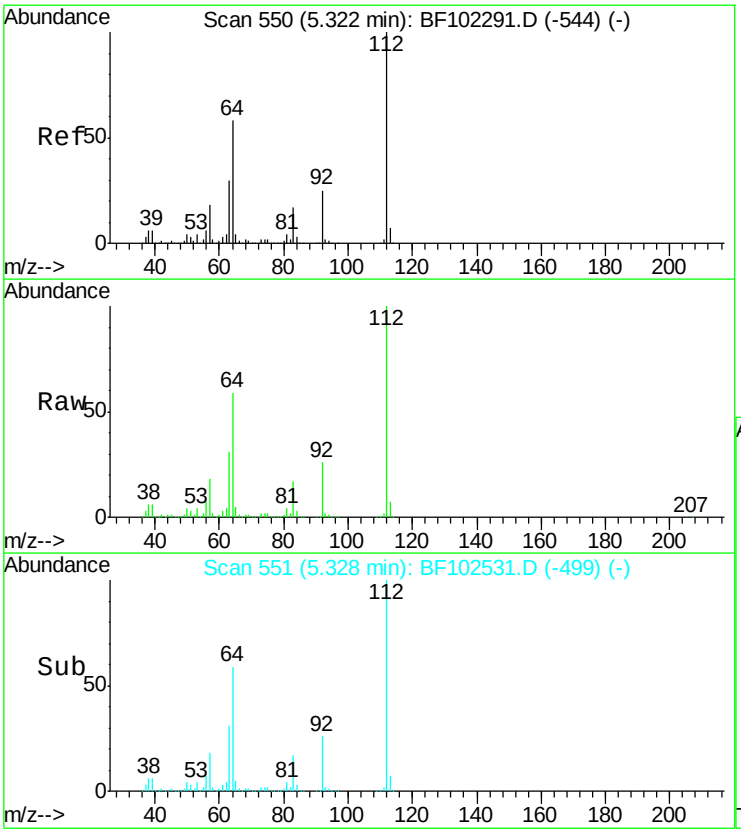
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:152 Resp: 128396

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	61.9	50.1	75.1

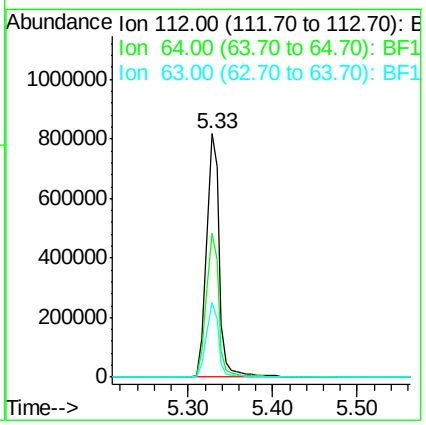


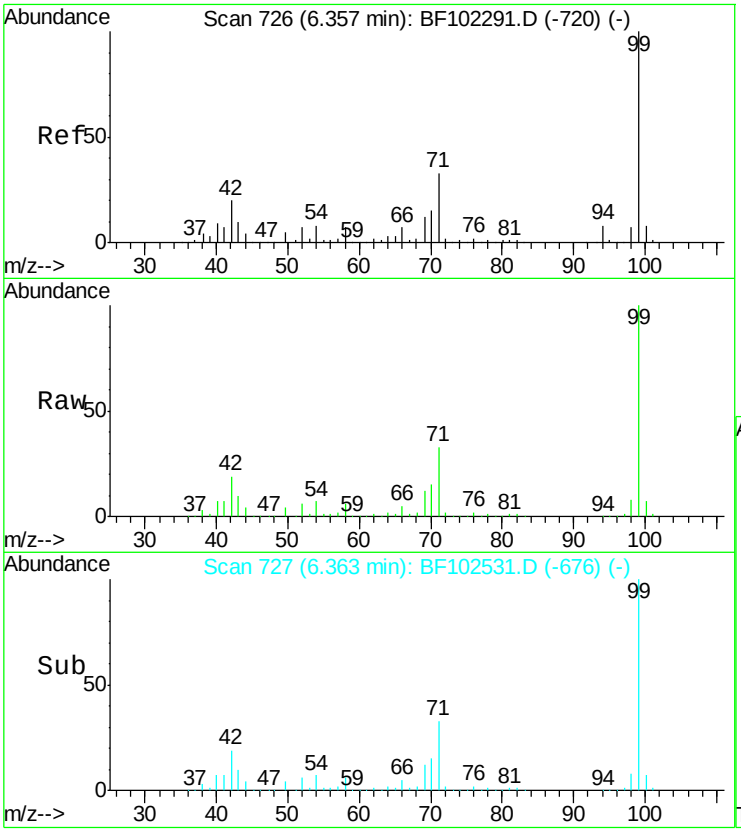


#5
2-Fluorophenol
Concen: 103.860 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:112 Resp: 879481

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.5	23.7	35.5



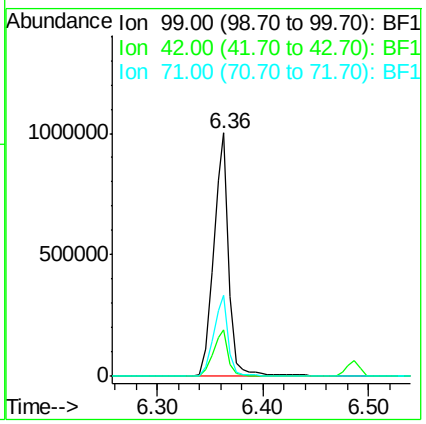


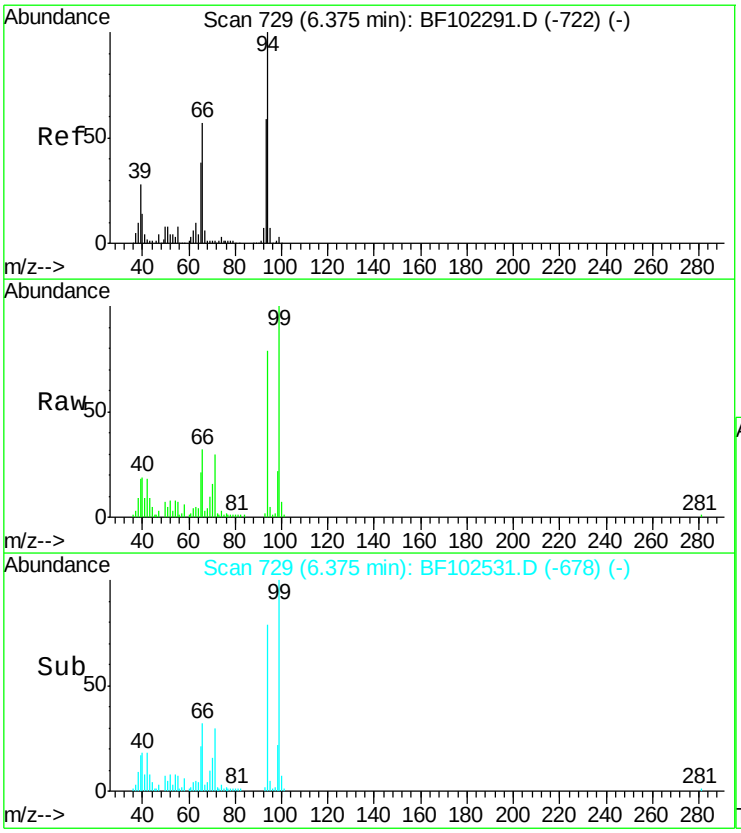
#7
Phenol-d6
Concen: 99.566 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion: 99 Resp: 1016454

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.4	25.4	38.0

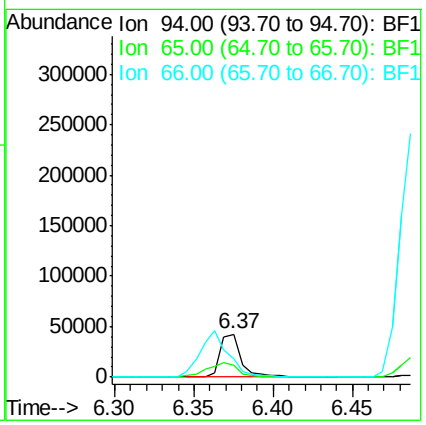


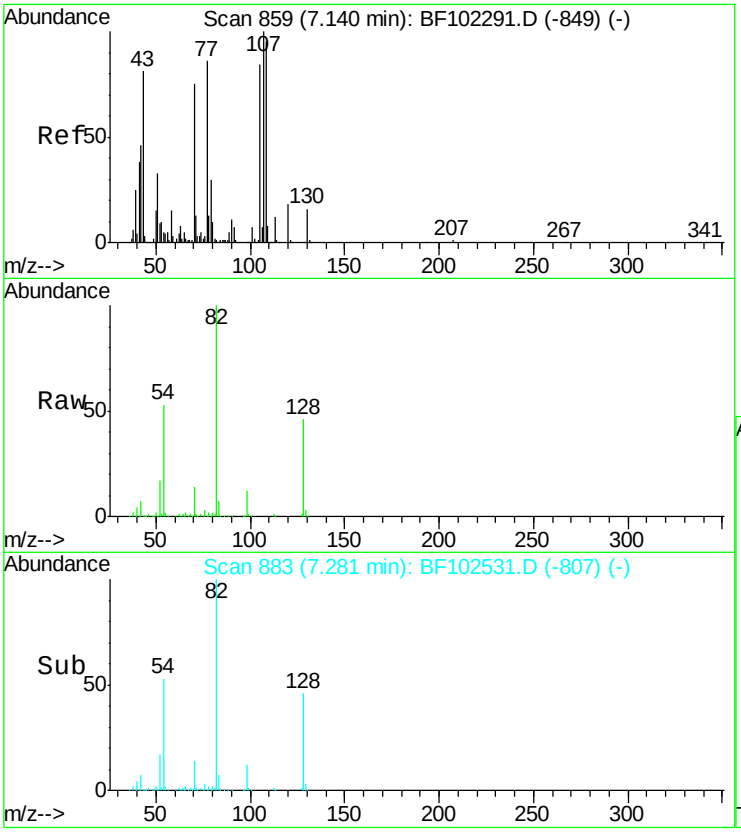


#10
Phenol
Concen: 3.577 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion: 94 Resp: 39869

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.9	47.9
66	41.1	16.2	56.2



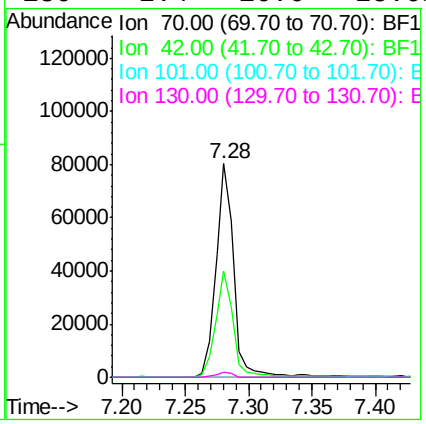


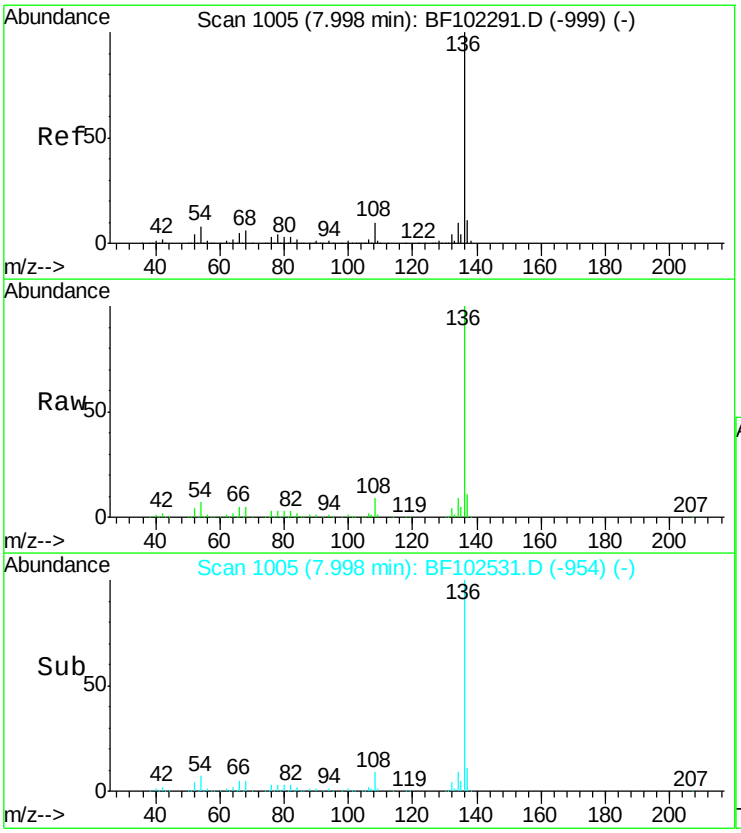
#19
n-Nitroso-di-n-propylamine
Concen: 12.796 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion: 70 Resp: 79946

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

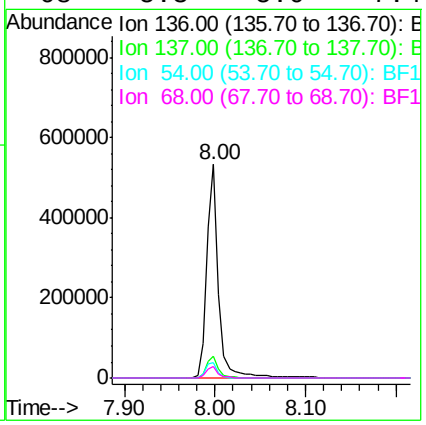


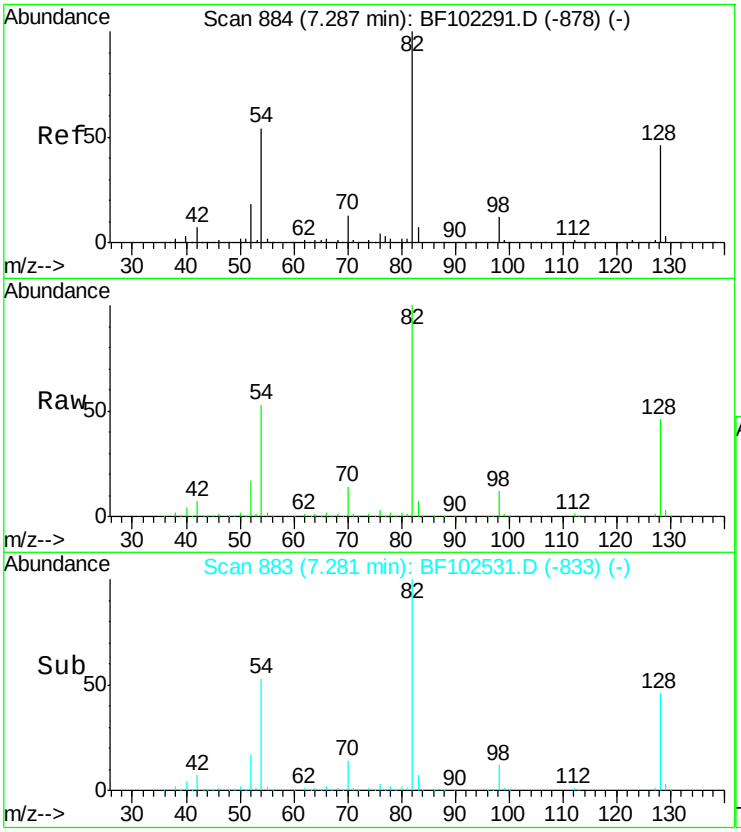


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:136 Resp: 490094

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	5.3	5.0	7.4



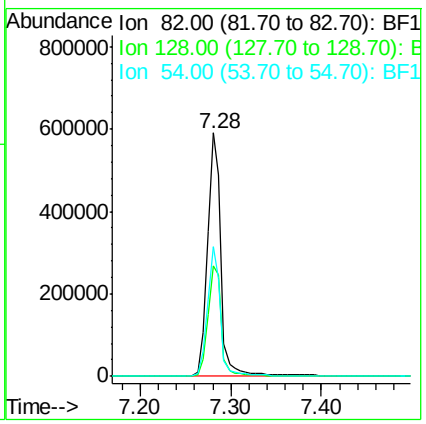


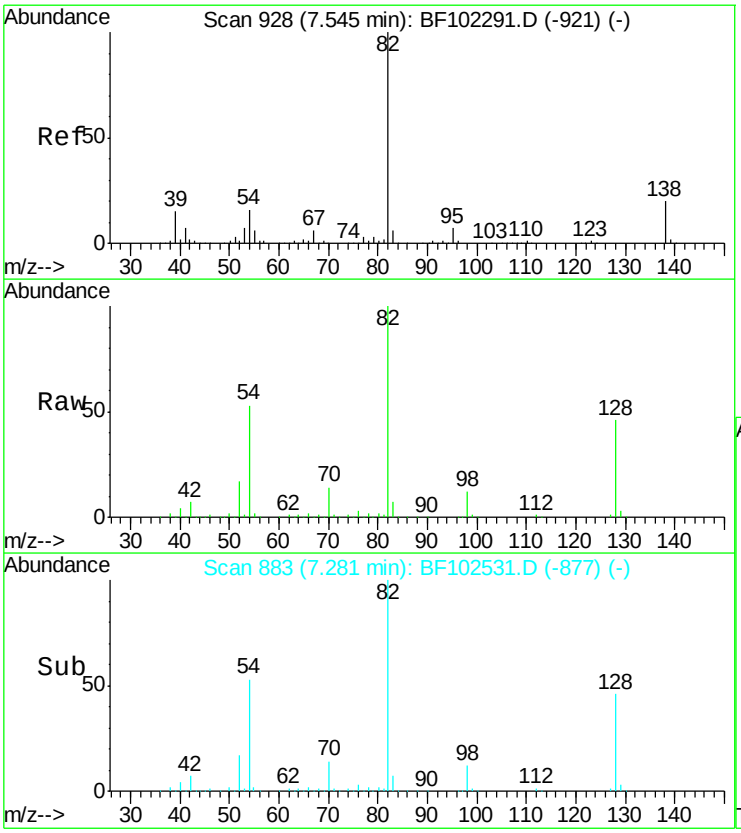
#23
Nitrobenzene-d5
Concen: 72.888 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion: 82 Resp: 621606

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	53.4	41.4	62.2

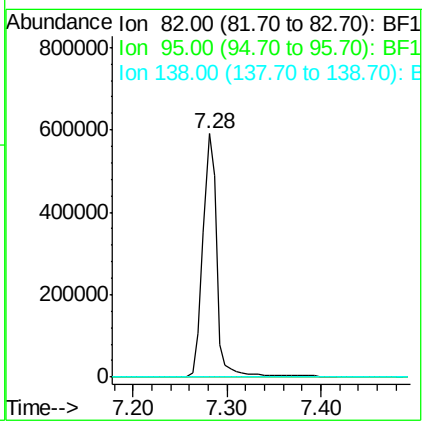


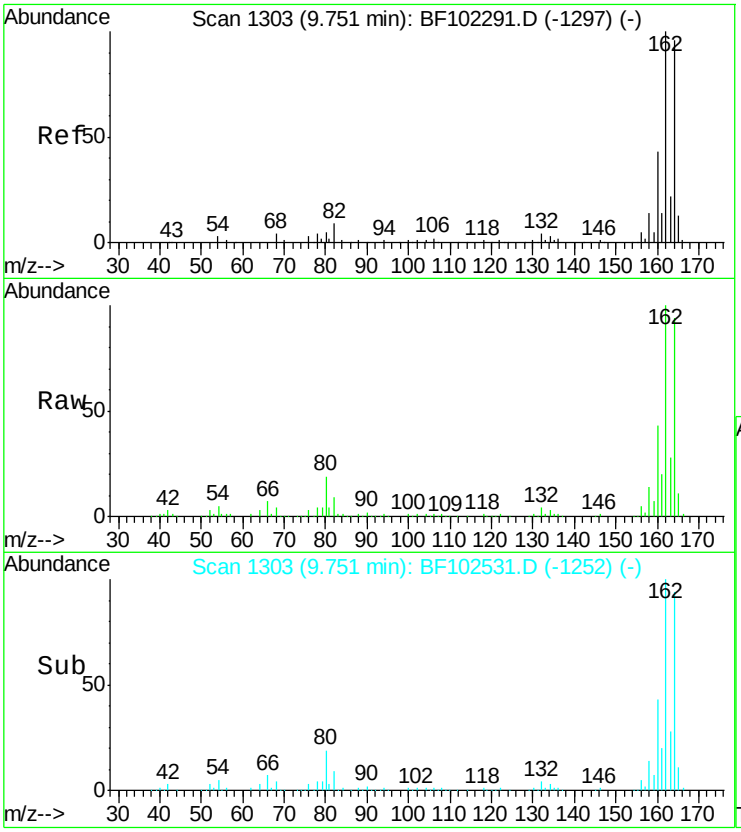


#25
Isophorone
Concen: 40.885 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion: 82 Resp: 621602

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



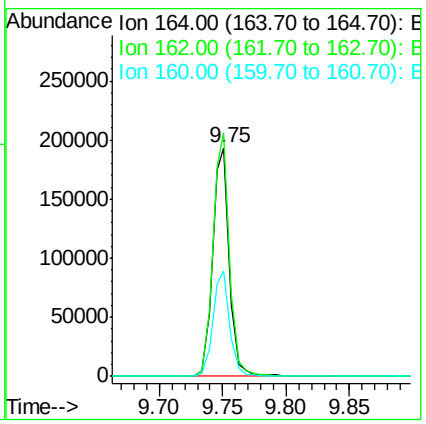


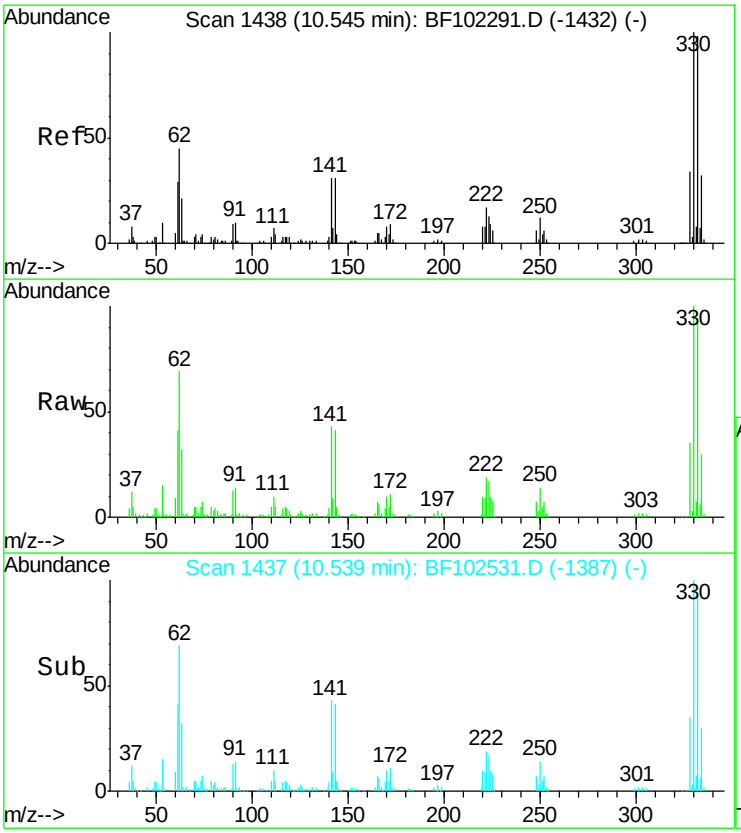
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:164 Resp: 179890

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.0	38.3	57.5

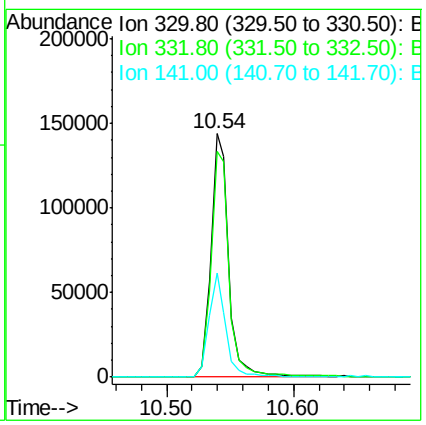


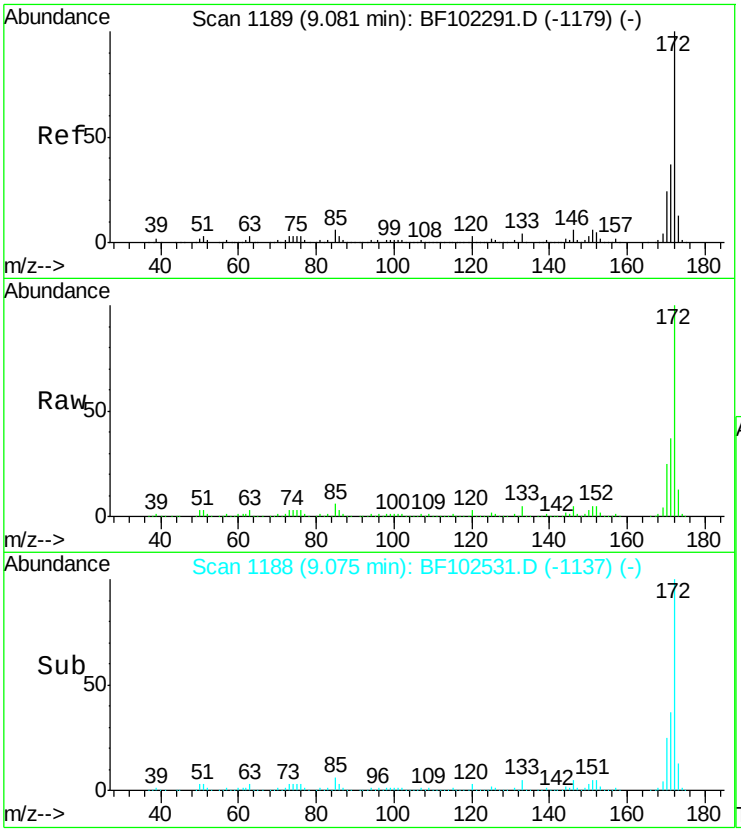


#41
2,4,6-Tribromophenol
Concen: 80.004 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:330 Resp: 142604

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	41.1	29.9	44.9



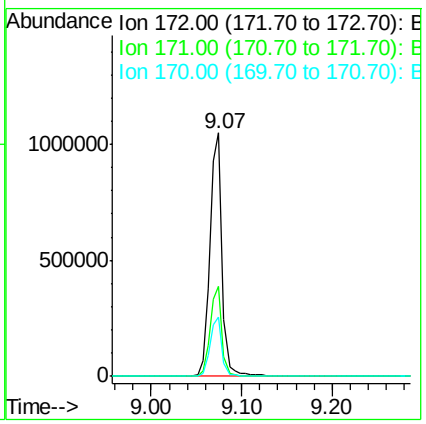


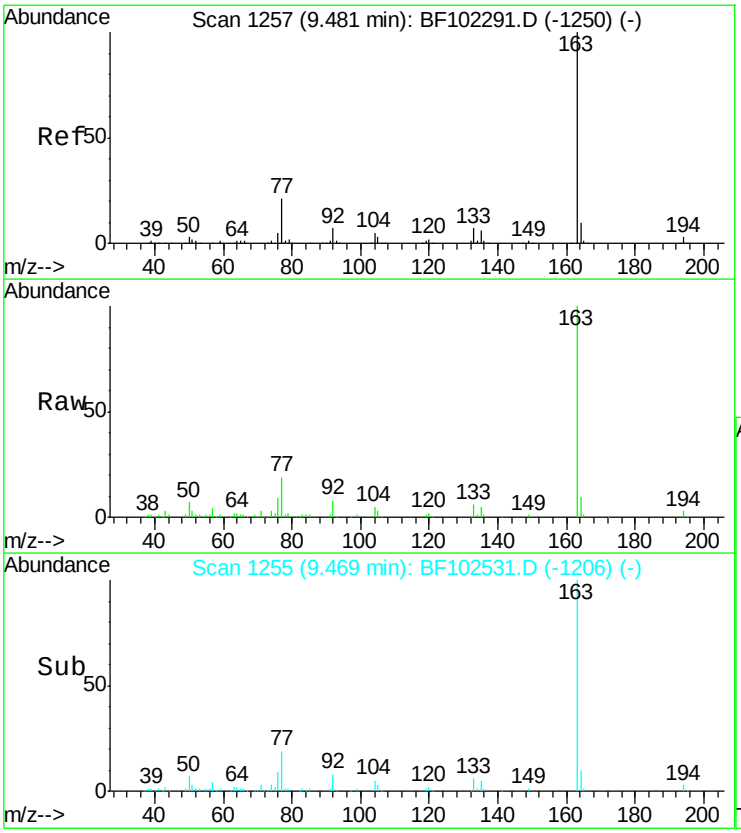
#44
2-Fluorobiphenyl
Concen: 81.063 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:172 Resp: 991765

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4

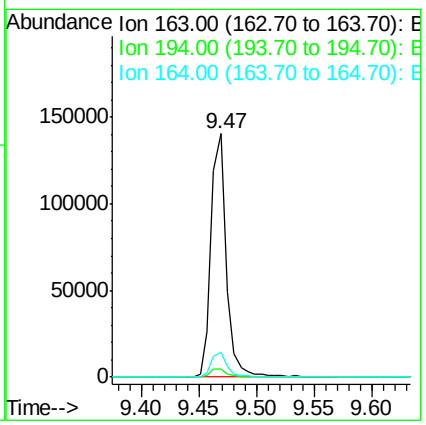


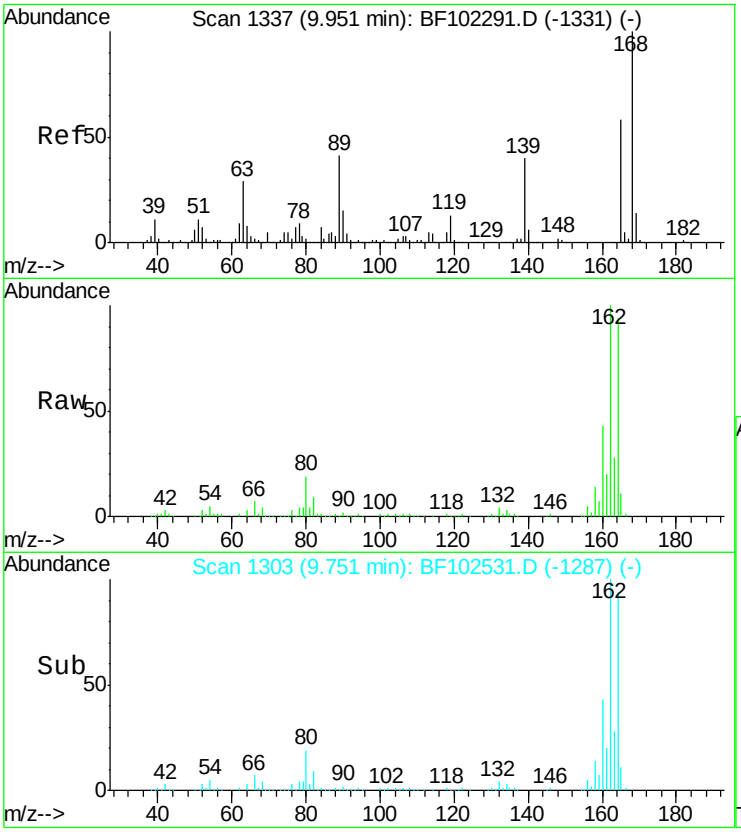


#49
Dimethylphthalate
Concen: 8.751 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:163 Resp: 130113

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2



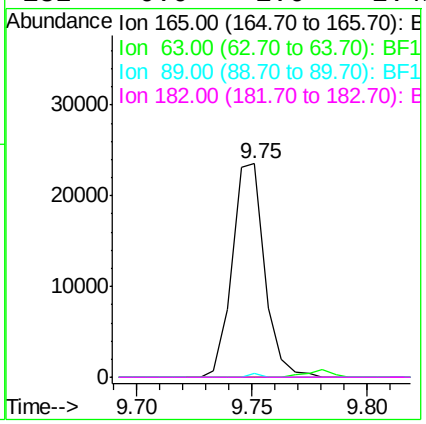


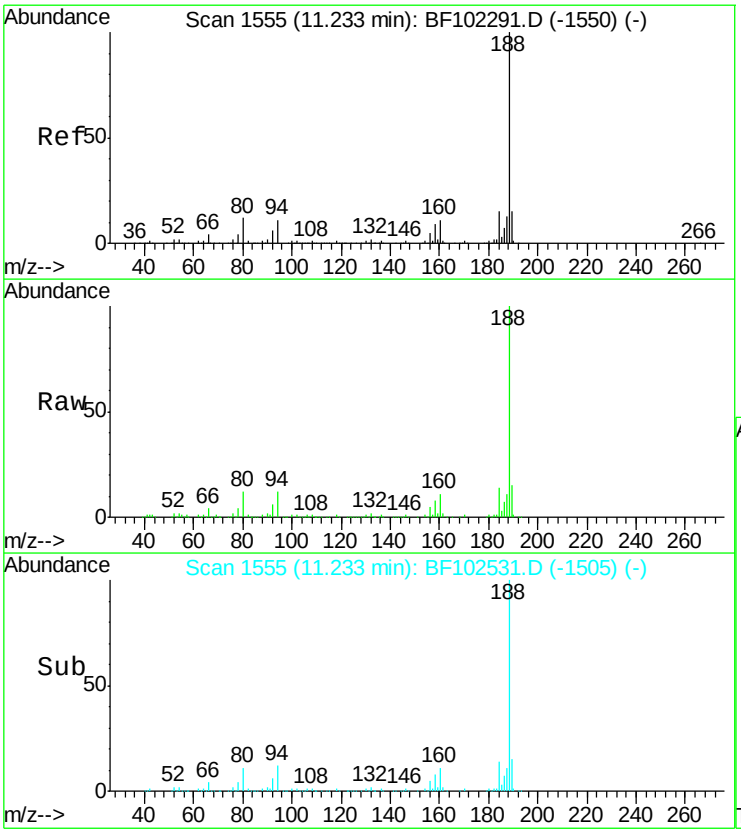
#56
2,4-Dinitrotoluene
Concen: 5.854 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:165 Resp: 23077

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

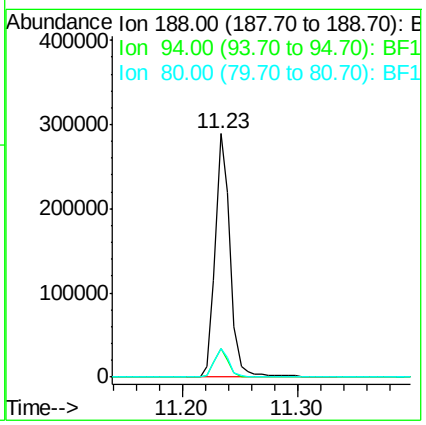


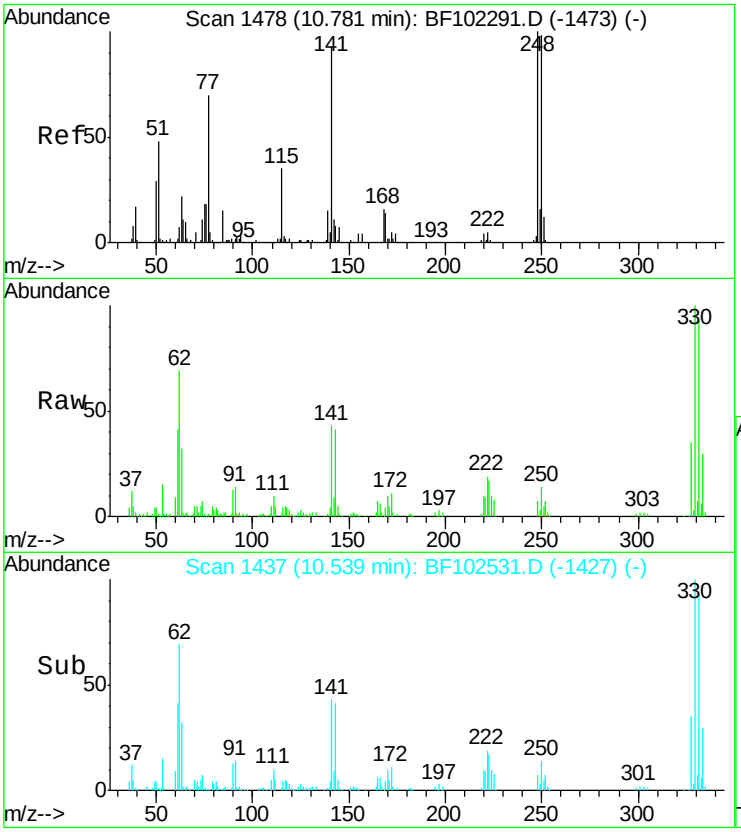


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:188 Resp: 259344

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	11.6	9.2	13.8



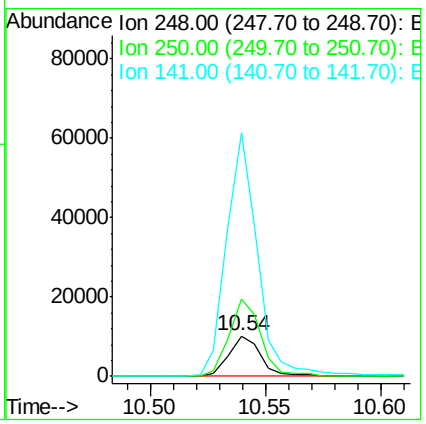


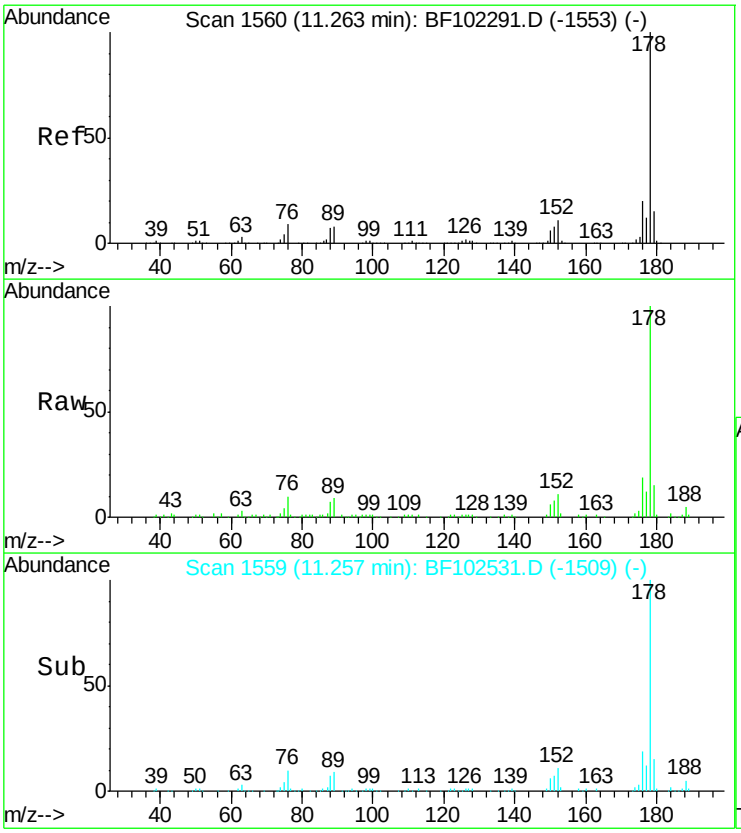
#66
4-Bromophenyl-phenylether
Concen: 3.494 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:248 Resp: 9754

Ion	Ratio	Lower	Upper
248	100		
250	190.4	76.9	115.3#
141	599.2	74.4	111.6#

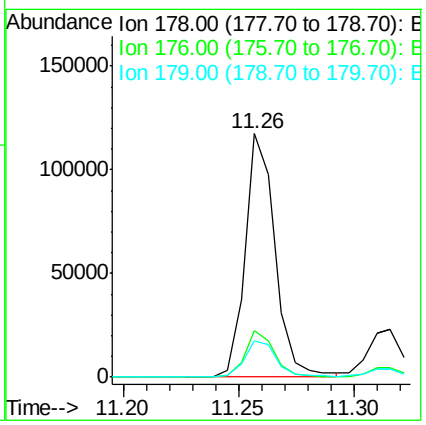


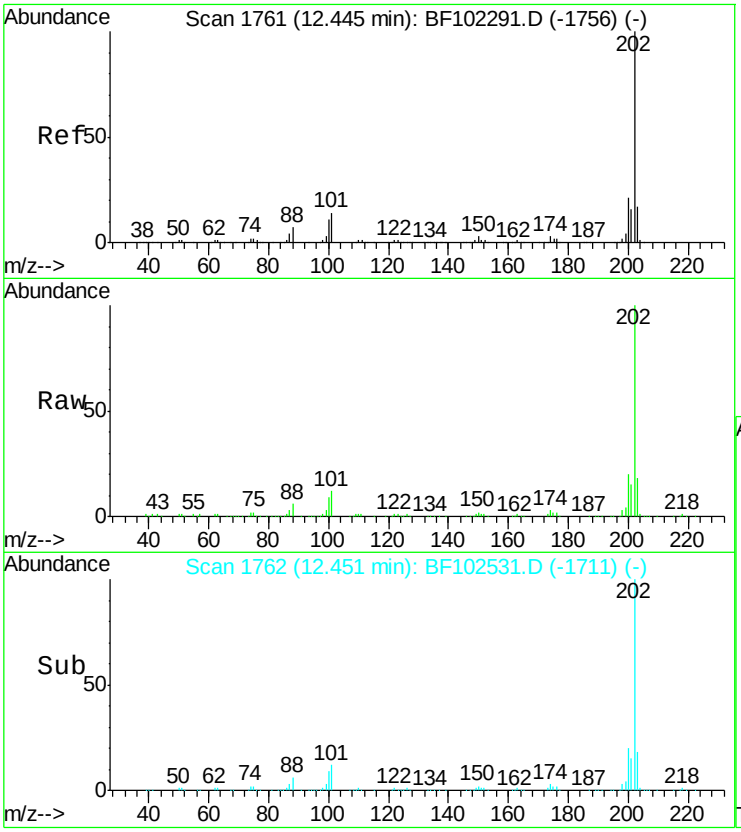


#70
Phenanthrene
Concen: 7.037 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:178 Resp: 106347

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.0	13.0	19.6



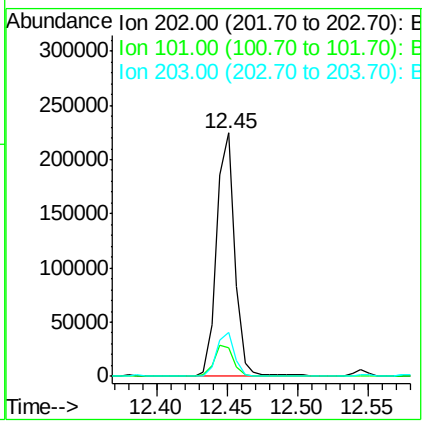


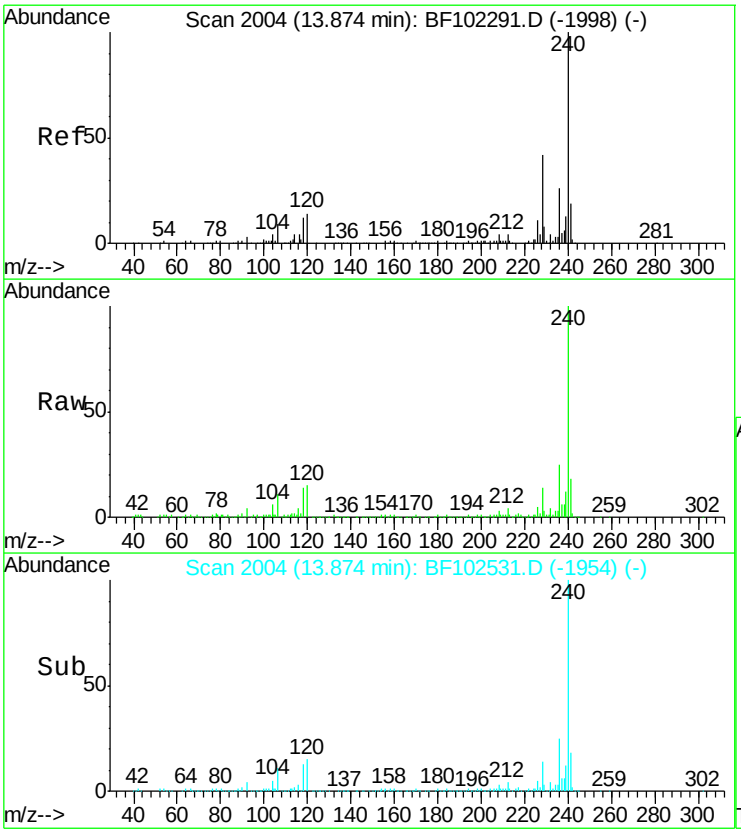
#74
Fluoranthene
Concen: 13.103 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:202 Resp: 201930

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.8	0.0	38.1

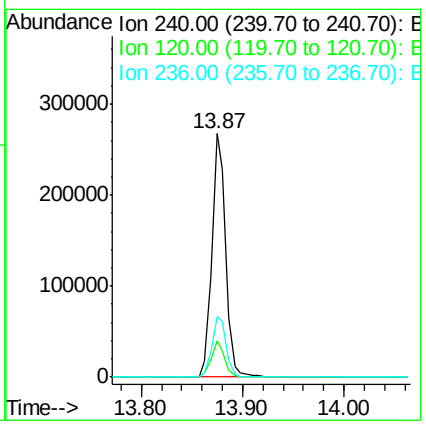


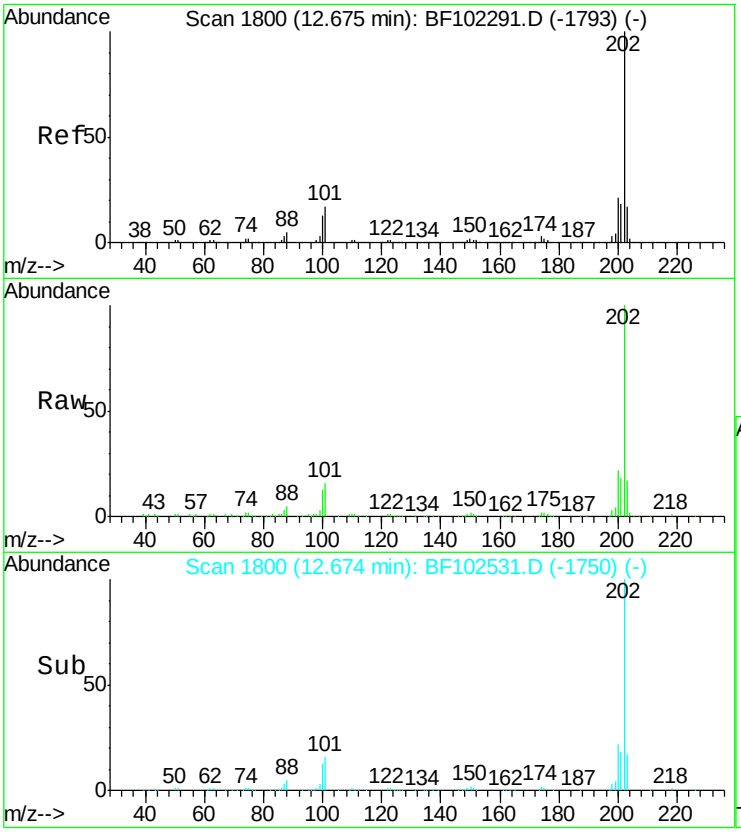


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:240 Resp: 253515

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.1	20.7	31.1



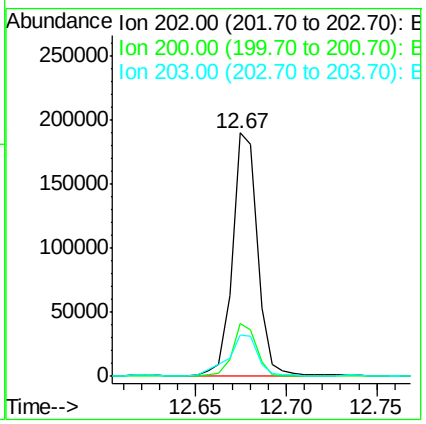


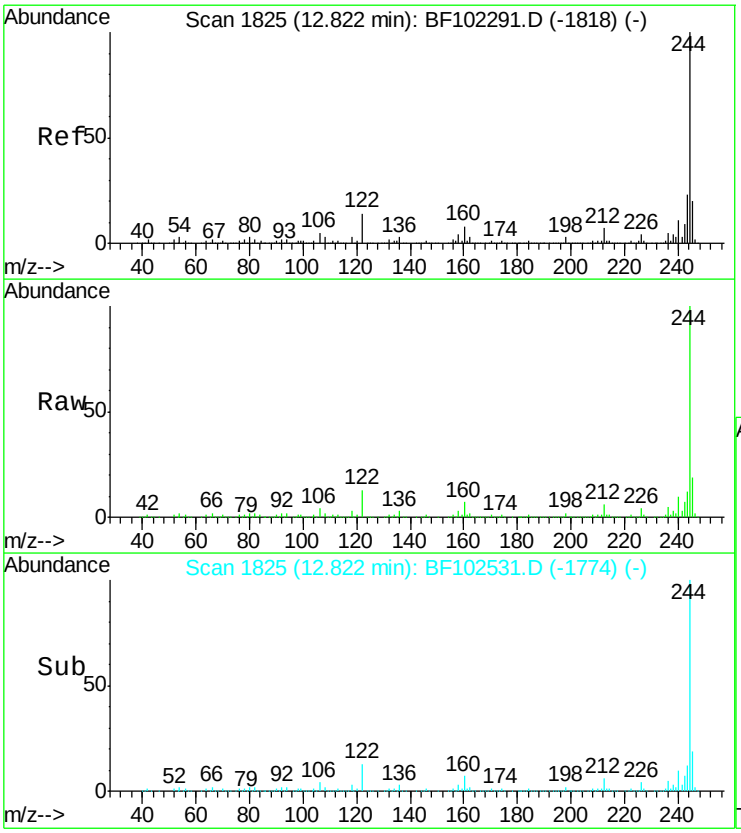
#77
Pyrene
Concen: 9.411 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:202 Resp: 184456

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.0	14.3	21.5

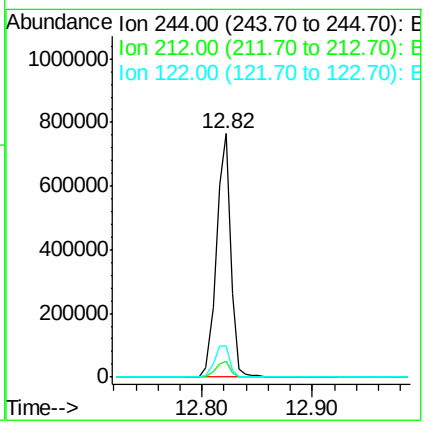


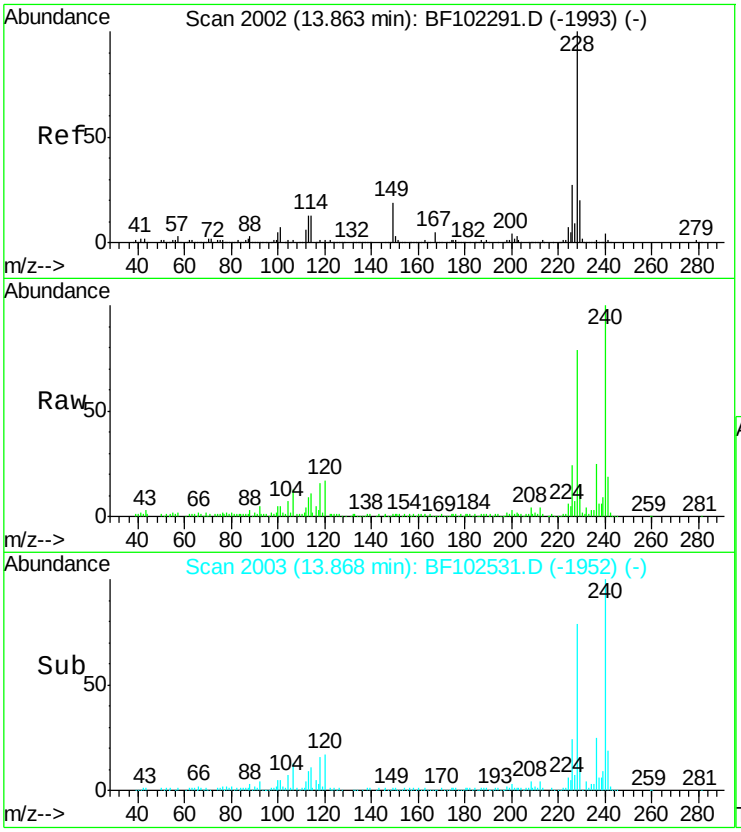


#78
Terphenyl-d14
Concen: 60.879 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:244 Resp: 684623

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	12.6	11.0	16.4



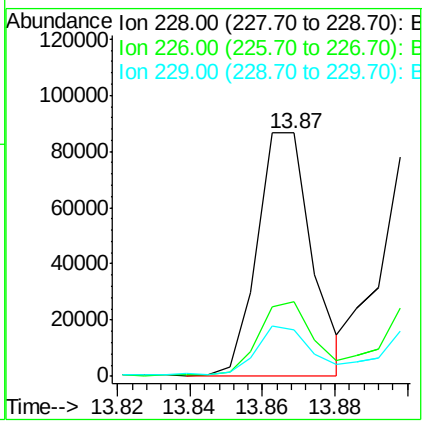


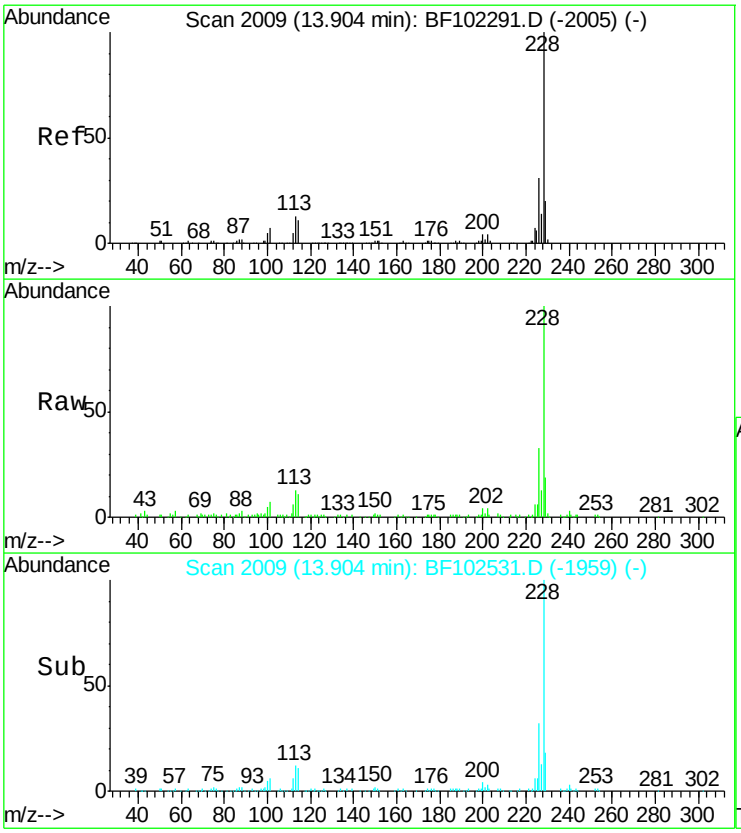
#80
Benzo(a)anthracene
Concen: 5.779 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:228 Resp: 90200

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	19.0	15.8	23.6

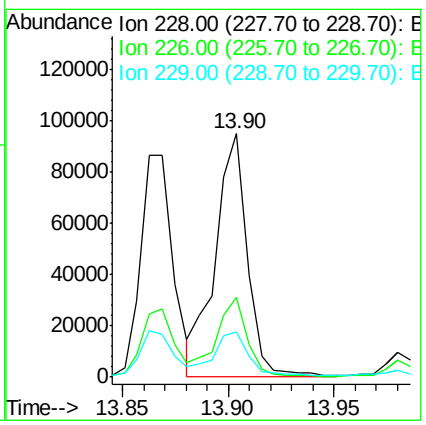


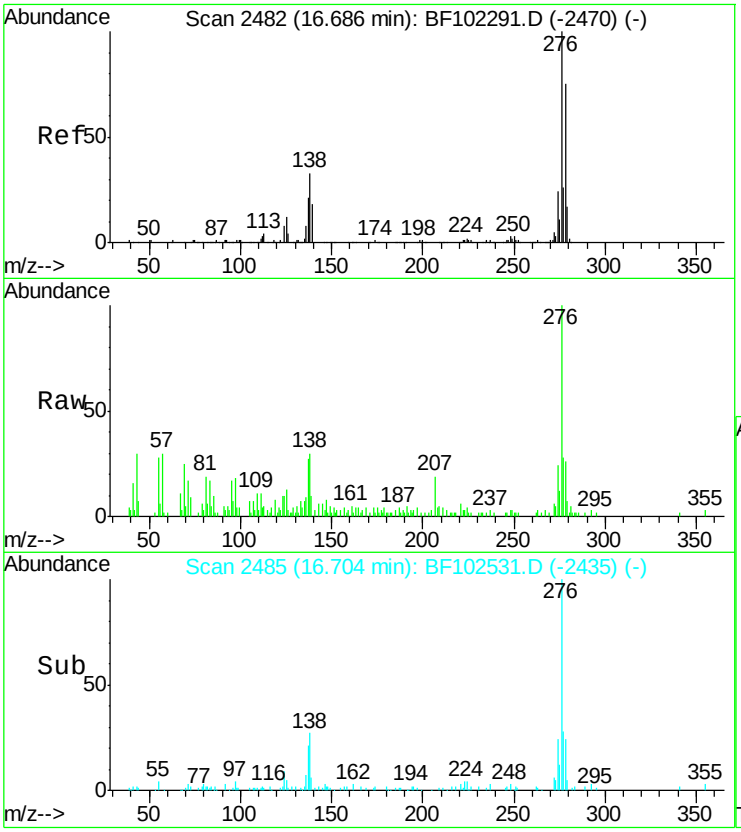


#82
Chrysene
Concen: 6.296 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:228 Resp: 99788

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	18.8	16.2	24.4



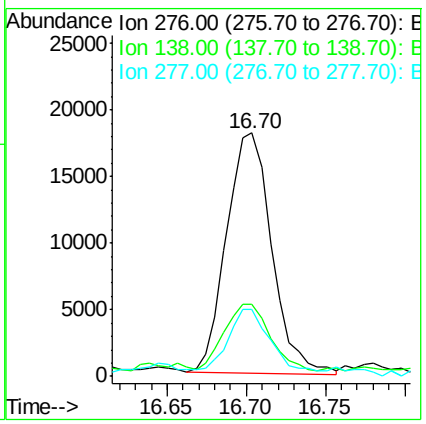


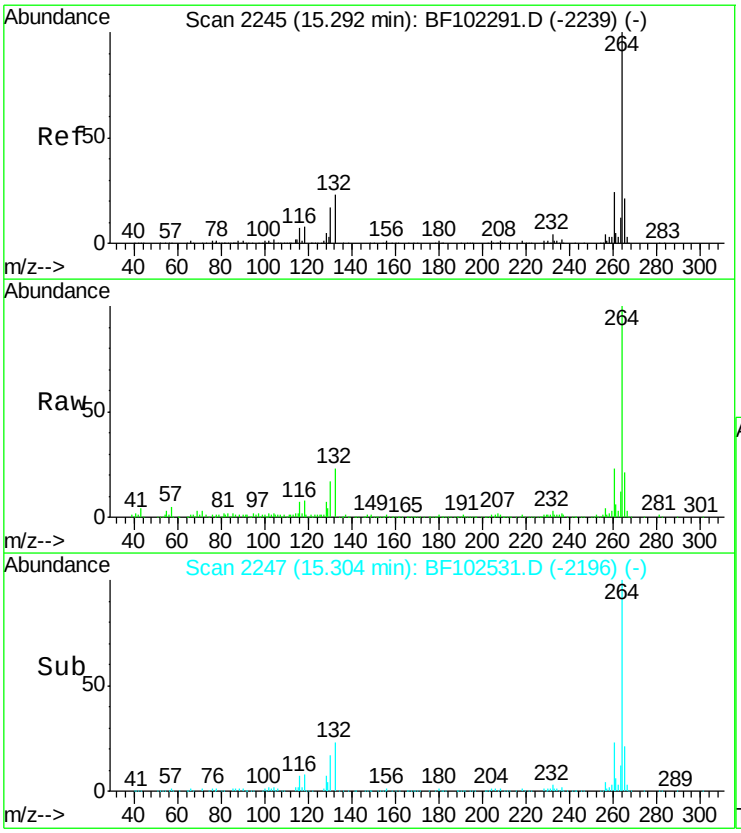
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.731 ng
RT: 16.70 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:276 Resp: 35753

Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	28.4	20.1	30.1

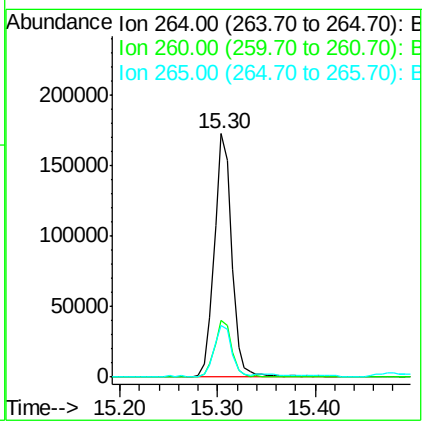


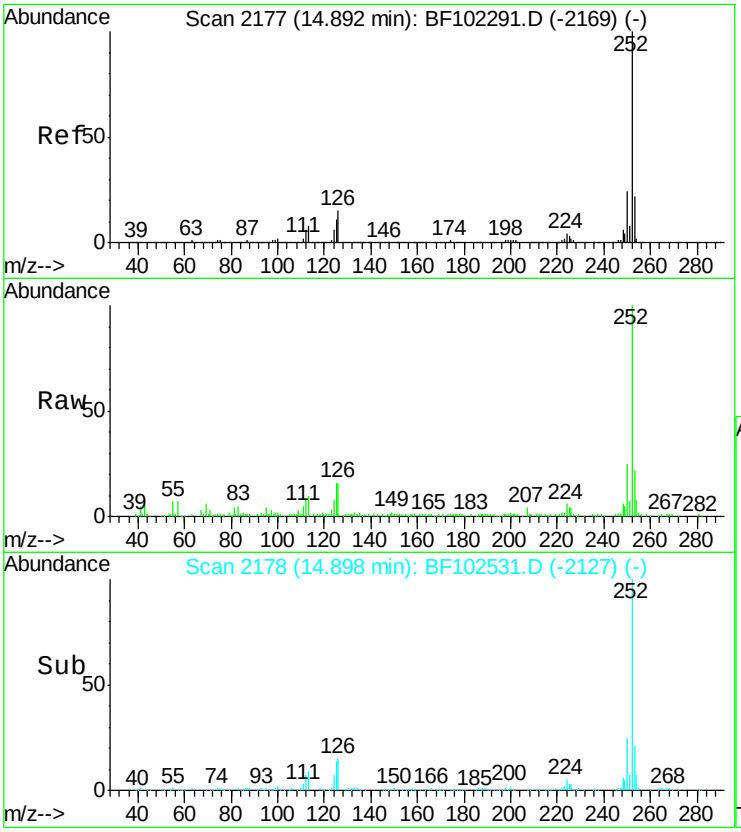


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:264 Resp: 215217

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3



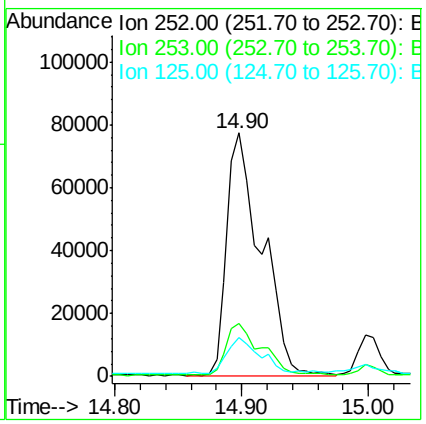


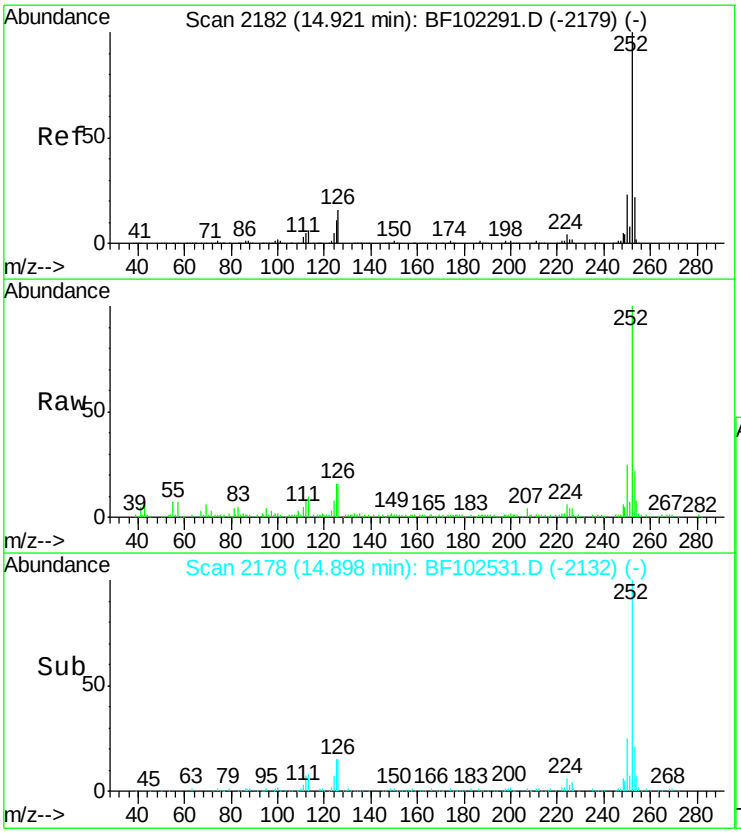
#87
Benzo(b)fluoranthene
Concen: 10.624 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:252 Resp: 148199

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	15.9	9.0	13.6#

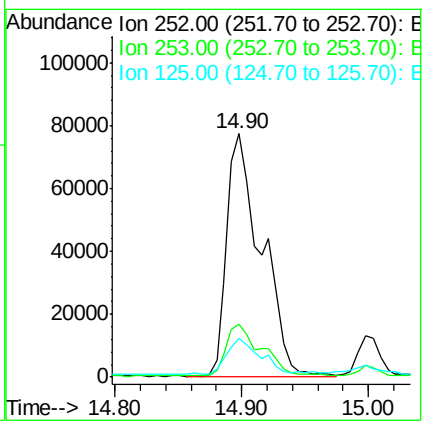


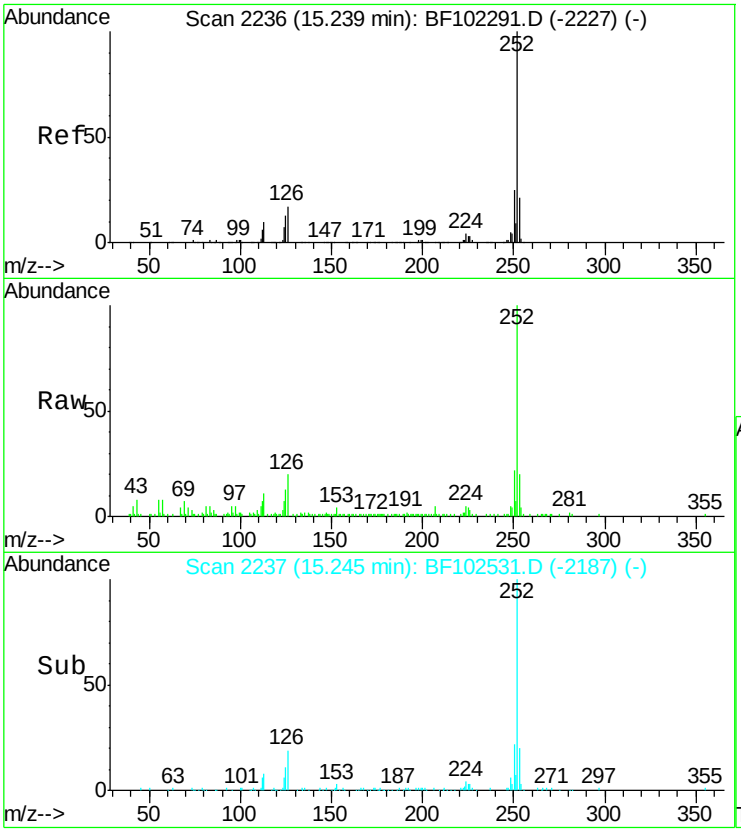


#88
Benzo(k)fluoranthene
Concen: 11.245 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.03 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:252 Resp: 148199

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	15.9	10.2	15.2#



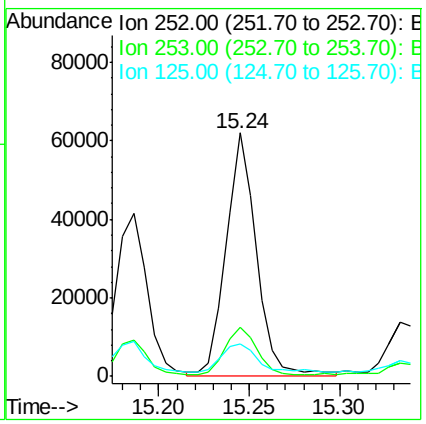


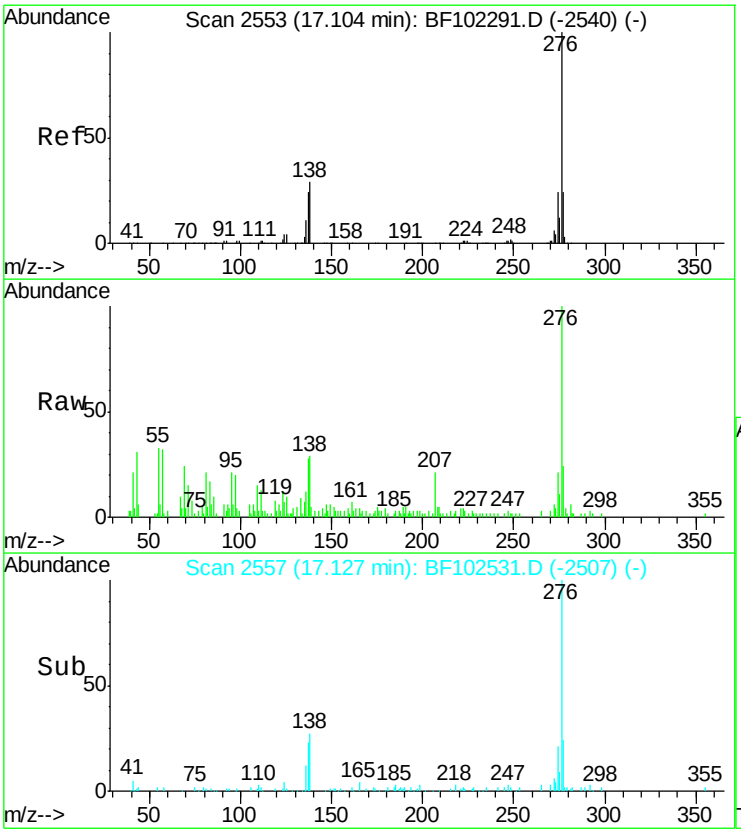
#89
Benzo(a)pyrene
Concen: 5.702 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion:252 Resp: 71734

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.1	25.7
125	13.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.564 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:276 Resp: 35858

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	29.1	21.8	32.8