Quantitation Report (Not Reviewed)

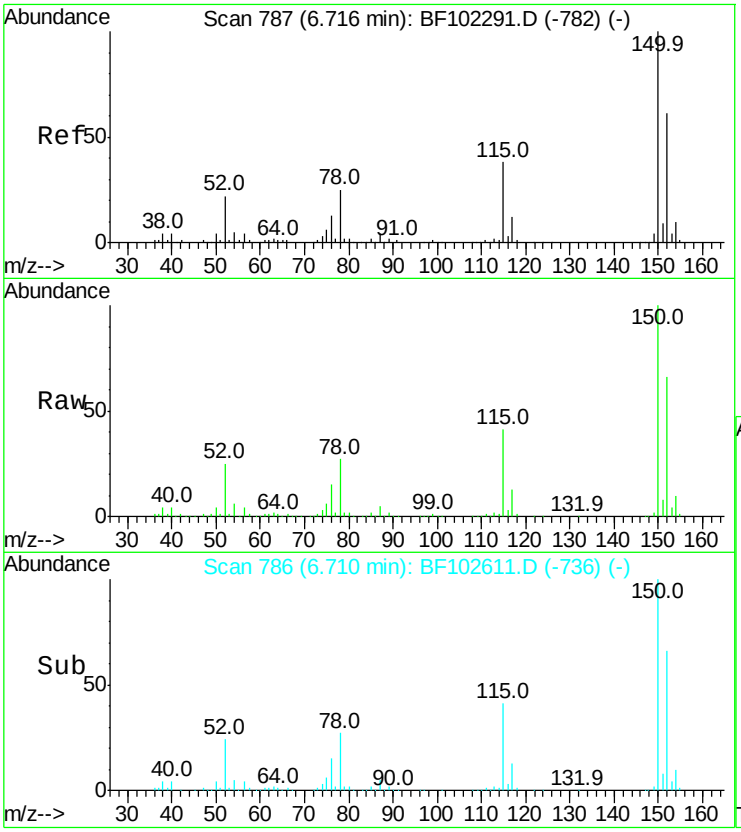
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
Data File : BF102611.D
Acq On : 29 Jan 2018 21:44
Operator : SJ/JU
Sample : J1353-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 30 00:13:42 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	6.71	152	168424	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	702261	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	308681	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	468548	20.00	ng		0.00
75) Chrysene-d12	13.88	240	321267	20.00	ng		0.00
86) Perylene-d12	15.31	264	322107	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1134307	102.12	ng		0.00
7) Phenol-d6	6.36	99	1321516	98.68	ng		0.00
23) Nitrobenzene-d5	7.28	82	827094	67.68	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	227534	74.39	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1208378	57.56	ng		0.00
78) Terphenyl-d14	12.82	244	828782	58.16	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	109012	13.302	ng	#	80
25) Isophorone	7.28	82	821644	37.715	ng	#	64
48) Acenaphthylene	9.61	152	113281	3.389	ng		98
49) Dimethylphthalate	9.47	163	150894	5.914	ng		99
56) 2,4-Dinitrotoluene	9.75	165	39652	5.862	ng	#	23
66) 4-Bromophenyl-phenylether	10.54	248	15373	3.048	ng	#	1
70) Phenanthrene	11.26	178	386553	14.158	ng		98
71) Anthracene	11.31	178	97497	3.499	ng		97
74) Fluoranthene	12.45	202	629557	22.611	ng		99
77) Pyrene	12.68	202	578002	23.270	ng		99
80) Benzo(a)anthracene	13.90	228	312615	15.805	ng		95
82) Chrysene	13.90	228	312615	15.564	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	176182	10.621	ng		95
87) Benzo(b)fluoranthene	14.90	252	507339	24.301	ng	#	96
88) Benzo(k)fluoranthene	14.90	252	507339	25.721	ng		99
89) Benzo(a)pyrene	15.25	252	271536	14.421	ng	#	94
90) Dibenzo(a,h)anthracene	16.72	278	46428	3.044	ng	#	77
91) Benzo(g,h,i)perylene	17.14	276	170152	11.298	ng		92

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

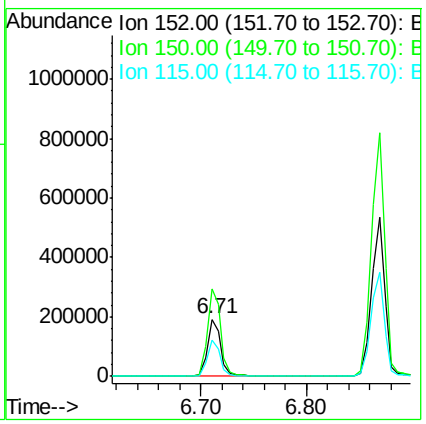


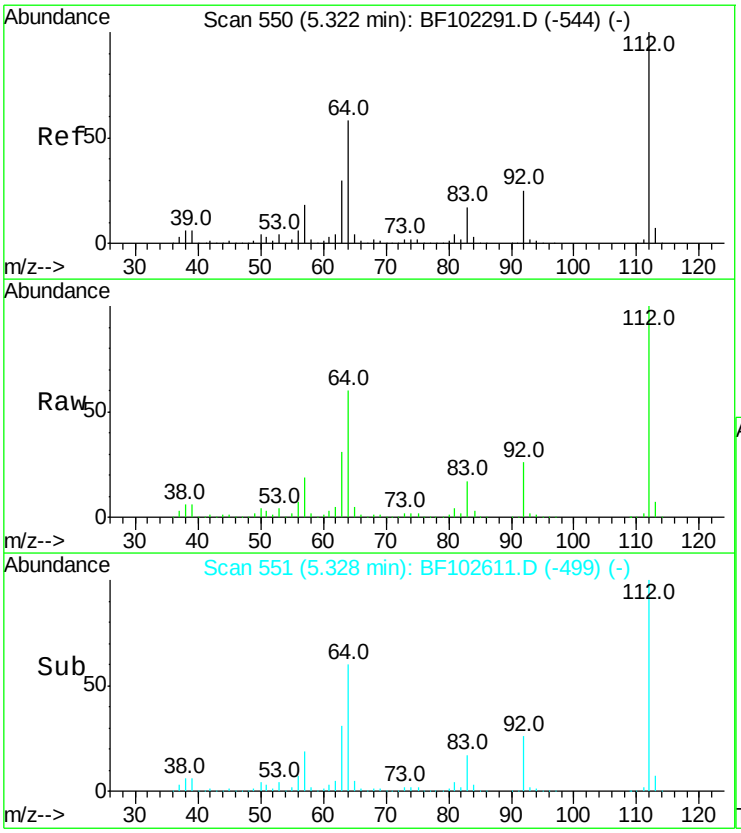
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 168424

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	63.1	50.1	75.1

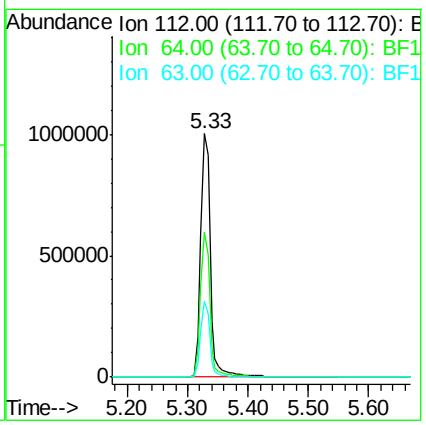


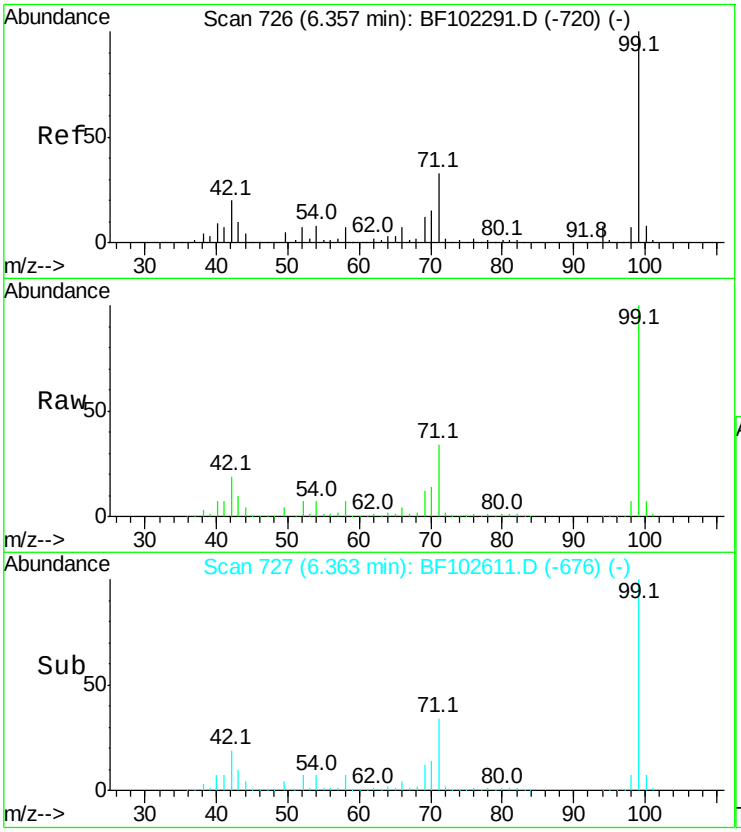


#5
2-Fluorophenol
Concen: 102.118 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:112 Resp: 1134307

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	31.4	23.7	35.5



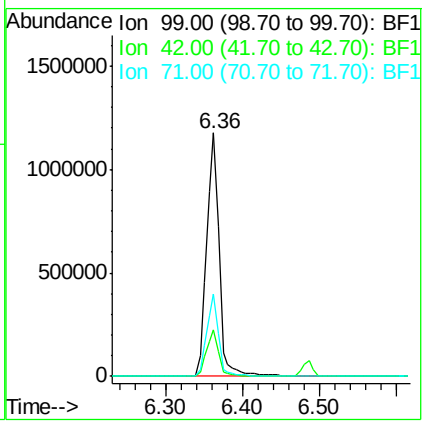


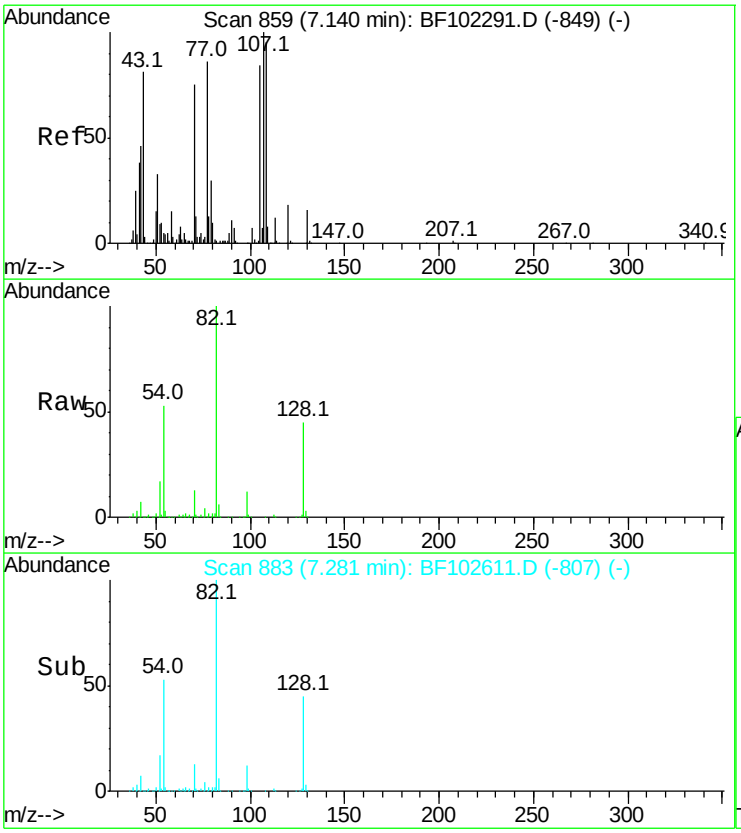
#7
Phenol-d6
Concen: 98.683 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1321516

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.7	25.4	38.0

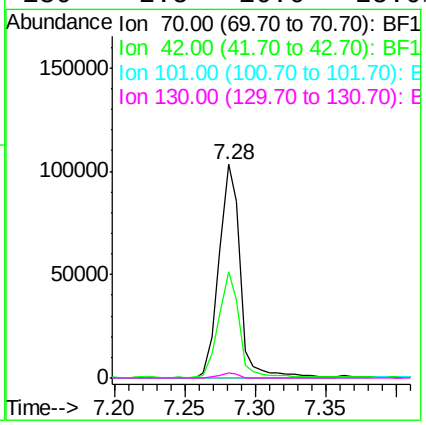


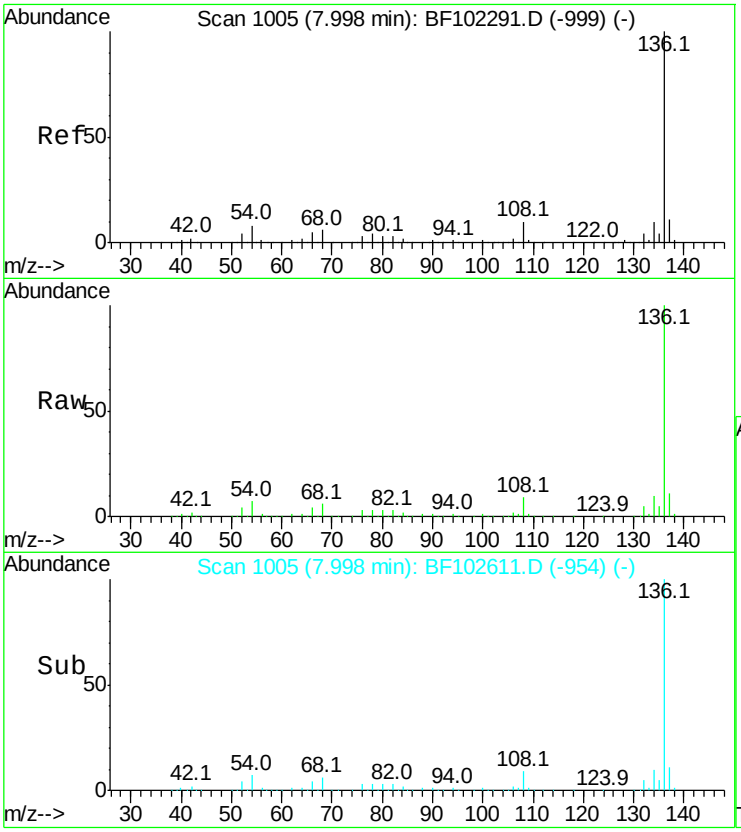


#19
n-Nitroso-di-n-propylamine
Concen: 13.302 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion: 70 Resp: 109012

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



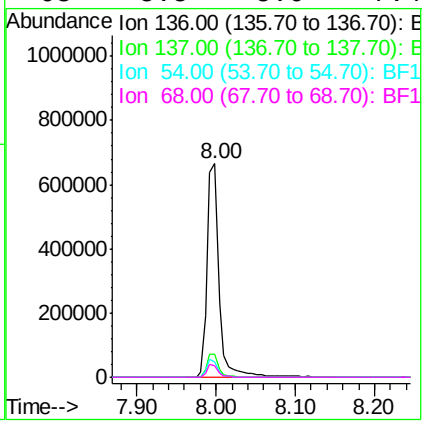


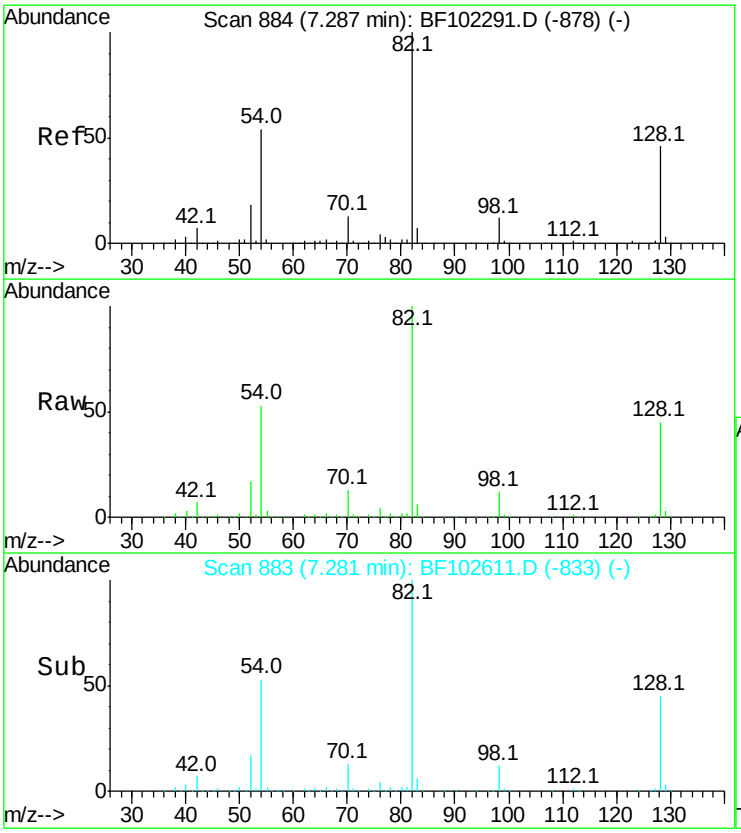
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 702261

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.5	5.0	7.4

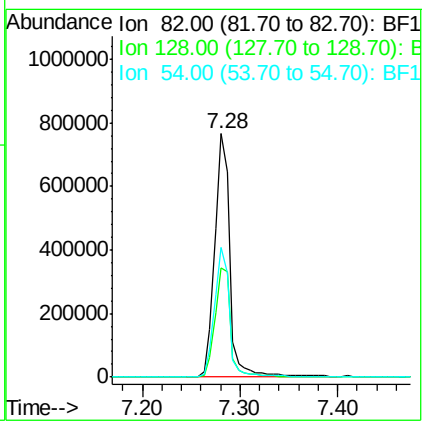


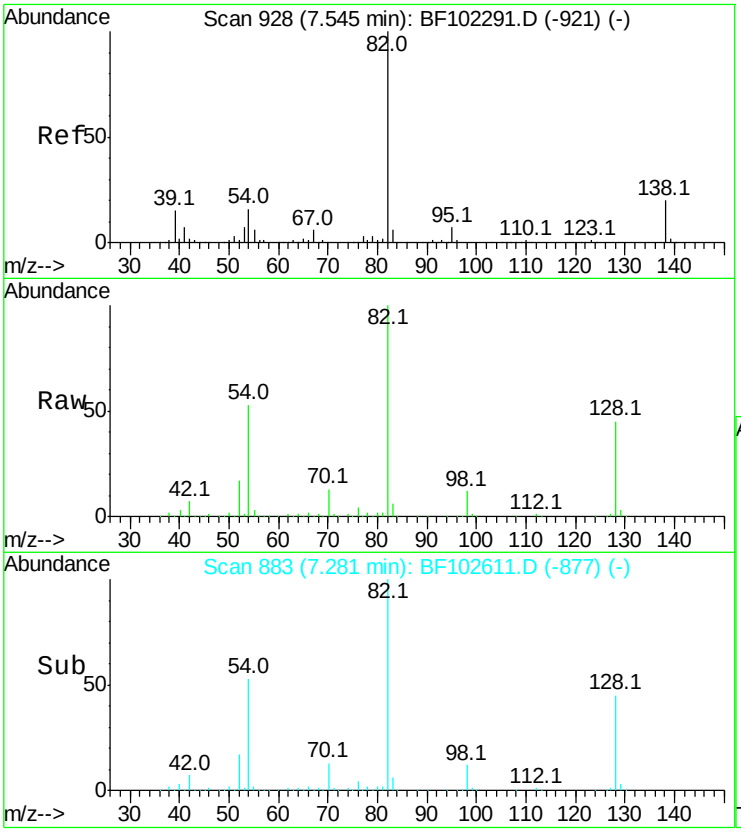


#23
Nitrobenzene-d5
Concen: 67.682 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion: 82 Resp: 827094

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	53.4	41.4	62.2



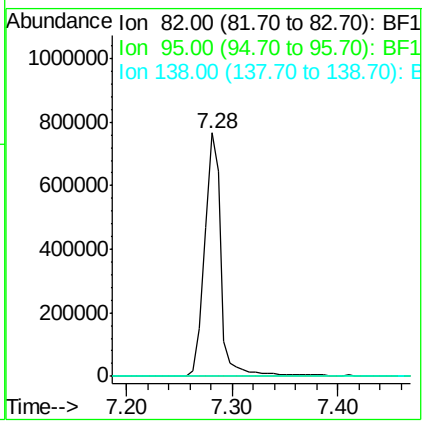


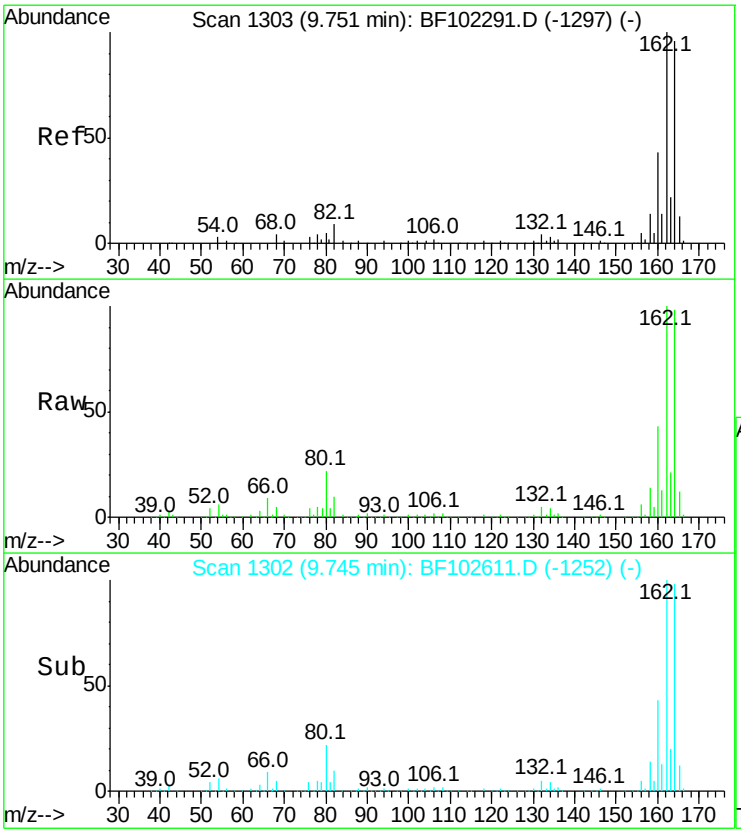
#25
Isophorone
Concen: 37.715 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 821644

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

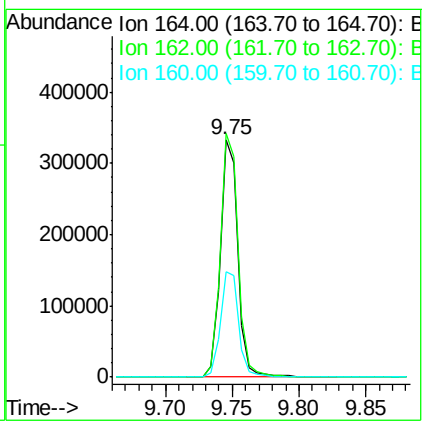


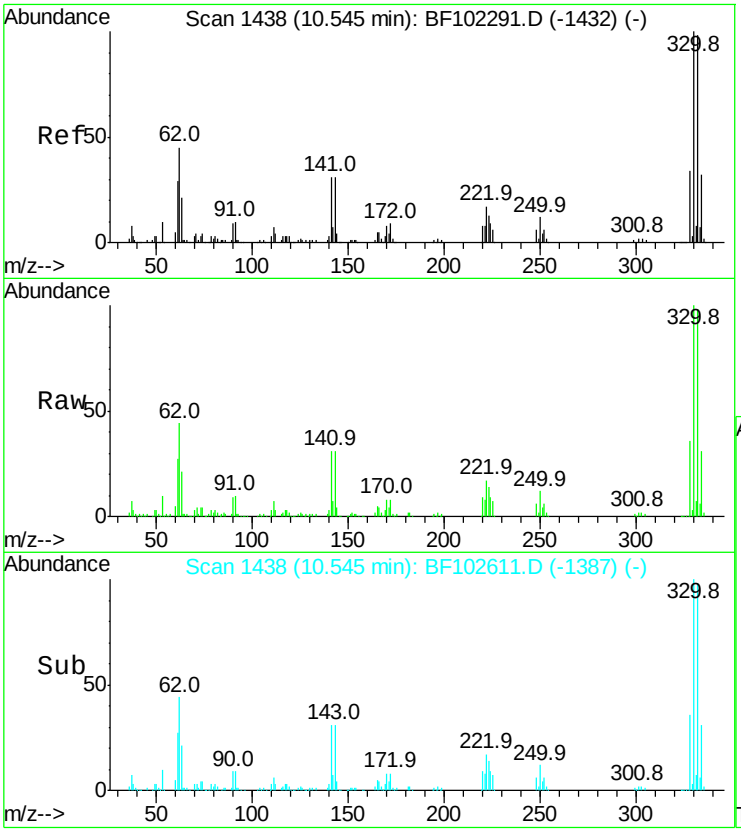


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:164 Resp: 308681

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	44.2	38.3	57.5



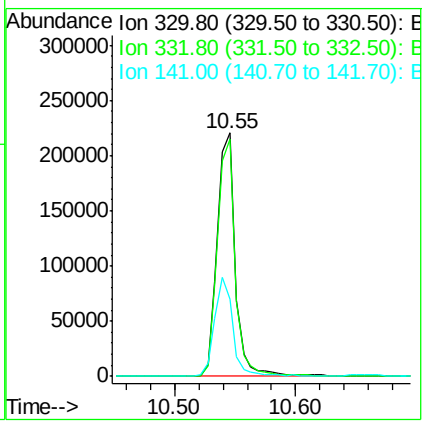


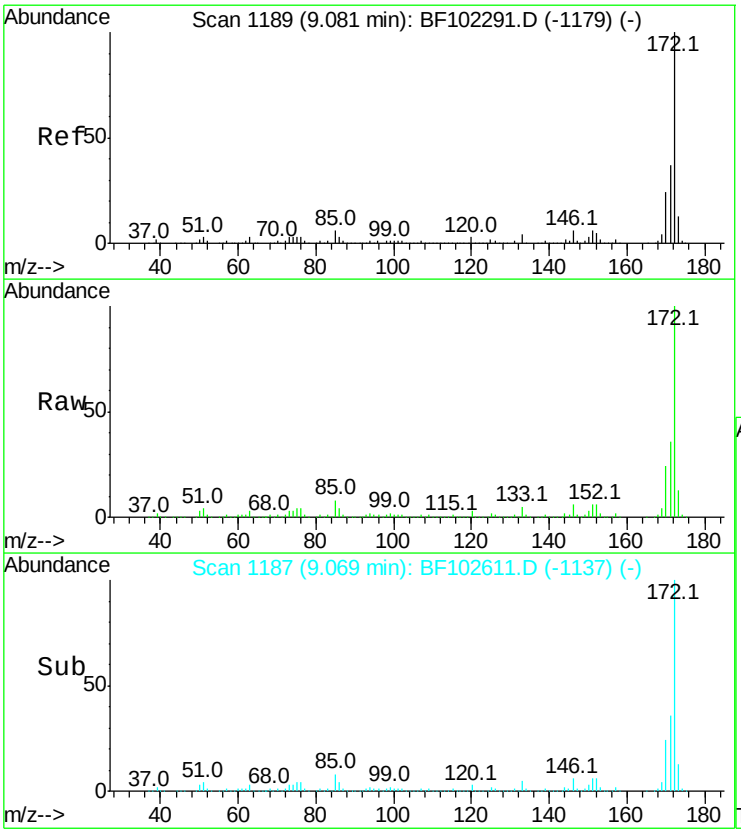
#41
2,4,6-Tribromophenol
Concen: 74.392 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 227534

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	41.4	29.9	44.9

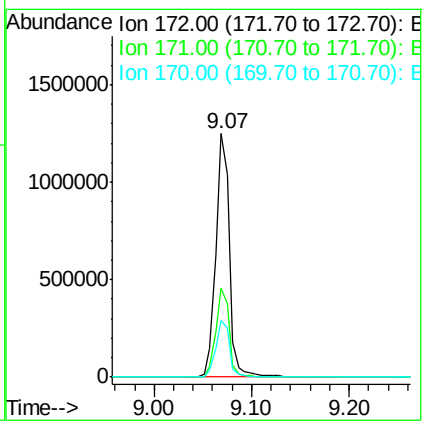


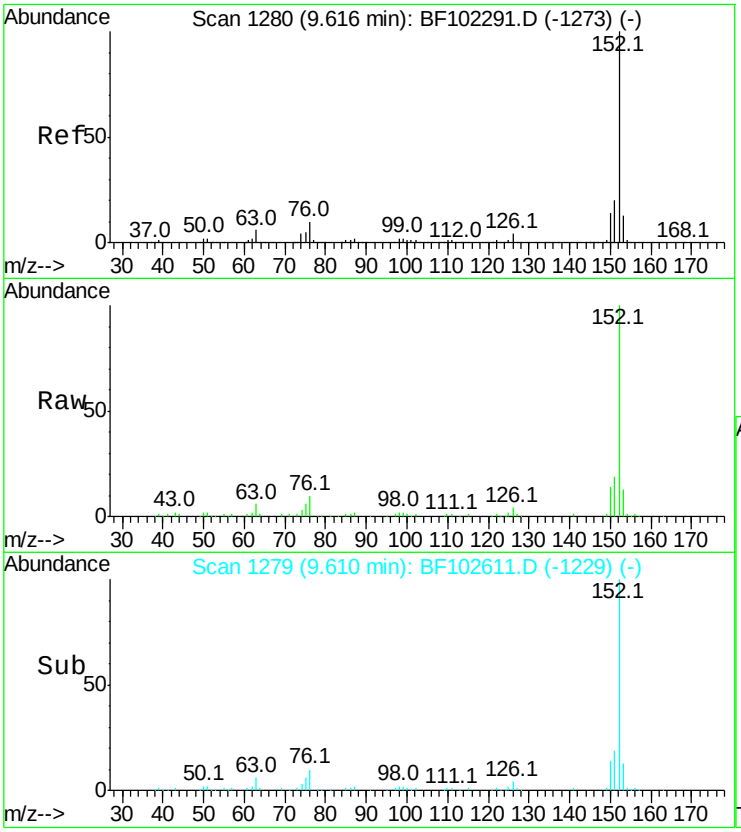


#44
2-Fluorobiphenyl
Concen: 57.559 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:172 Resp: 1208378

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.6	19.6	29.4



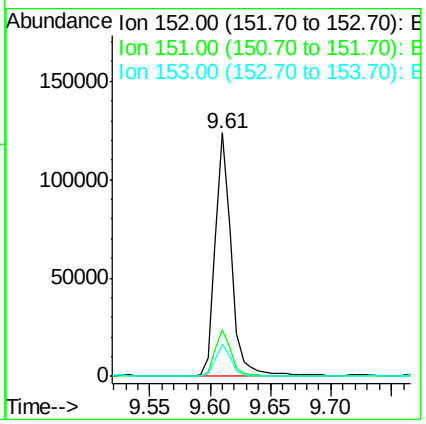


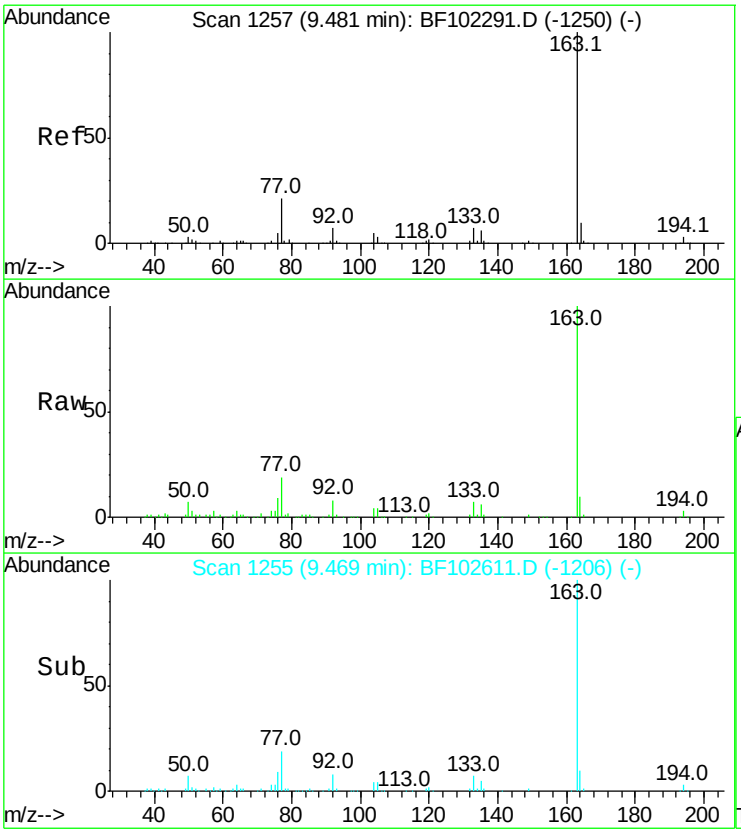
#48
Acenaphthylene
Concen: 3.389 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113281

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	13.3	10.7	16.1

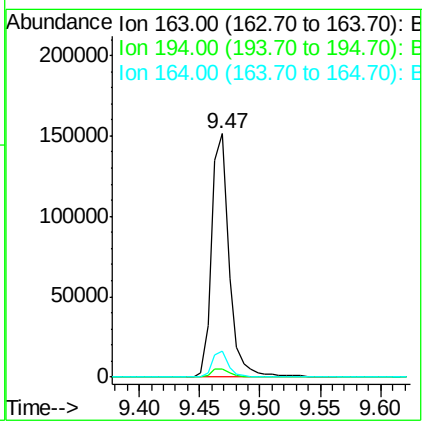


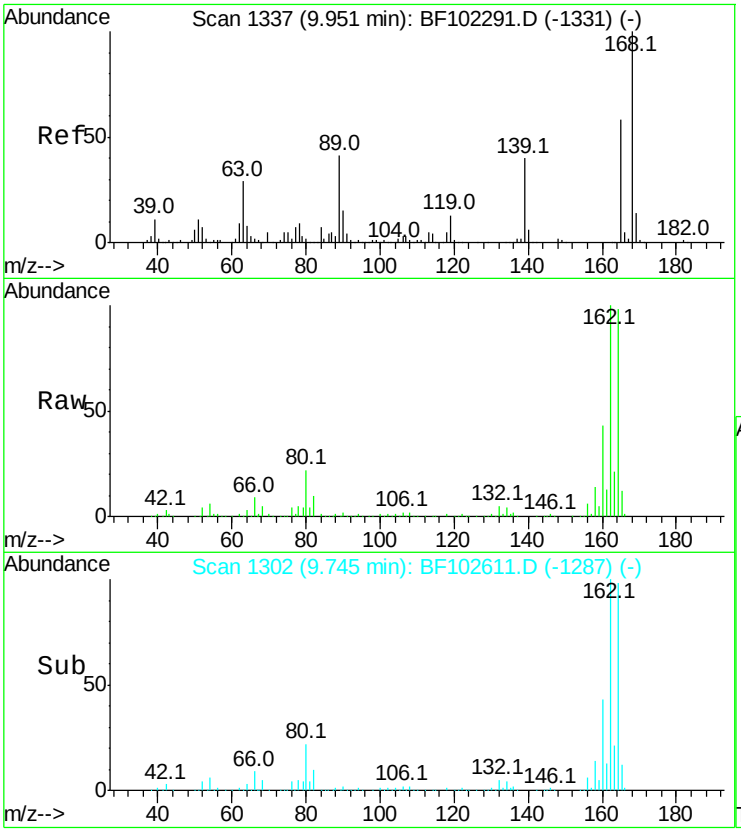


#49
Dimethylphthalate
Concen: 5.914 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:163 Resp: 150894

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.5	8.2	12.2



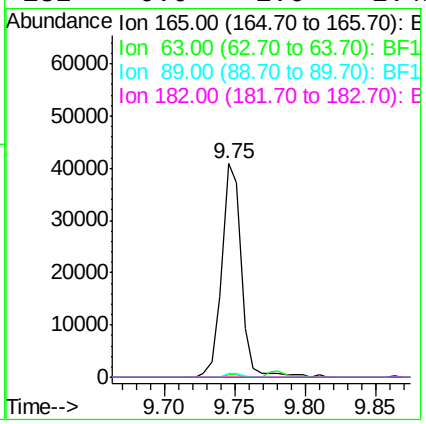


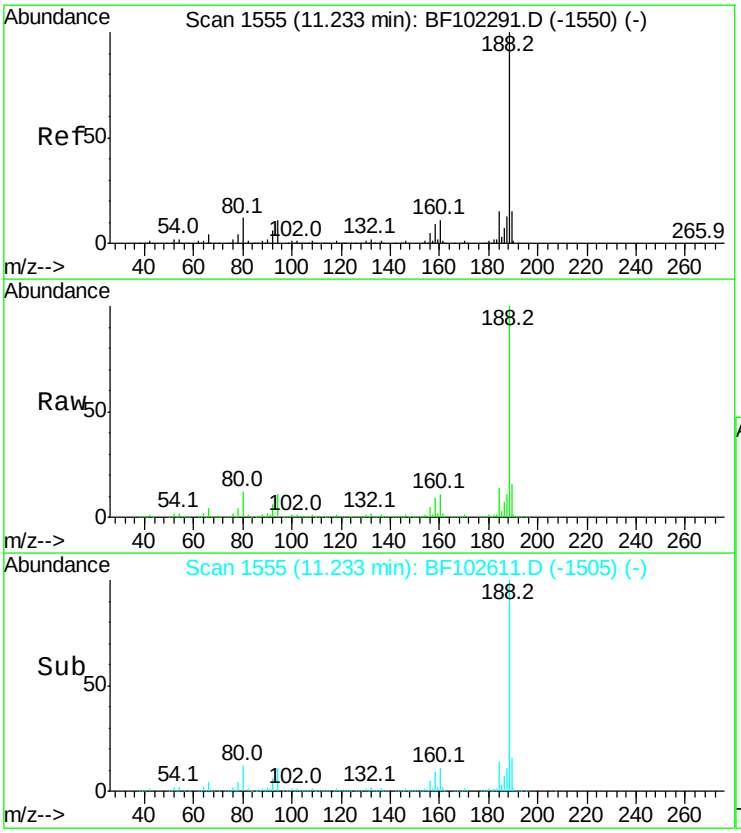
#56
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39652

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

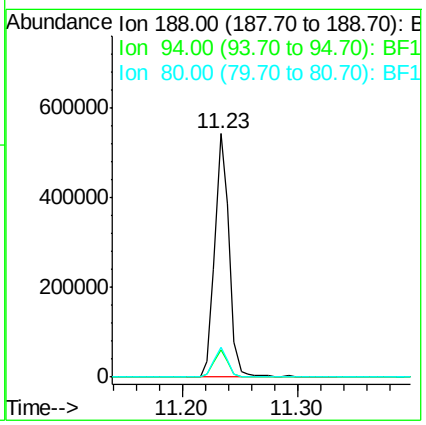


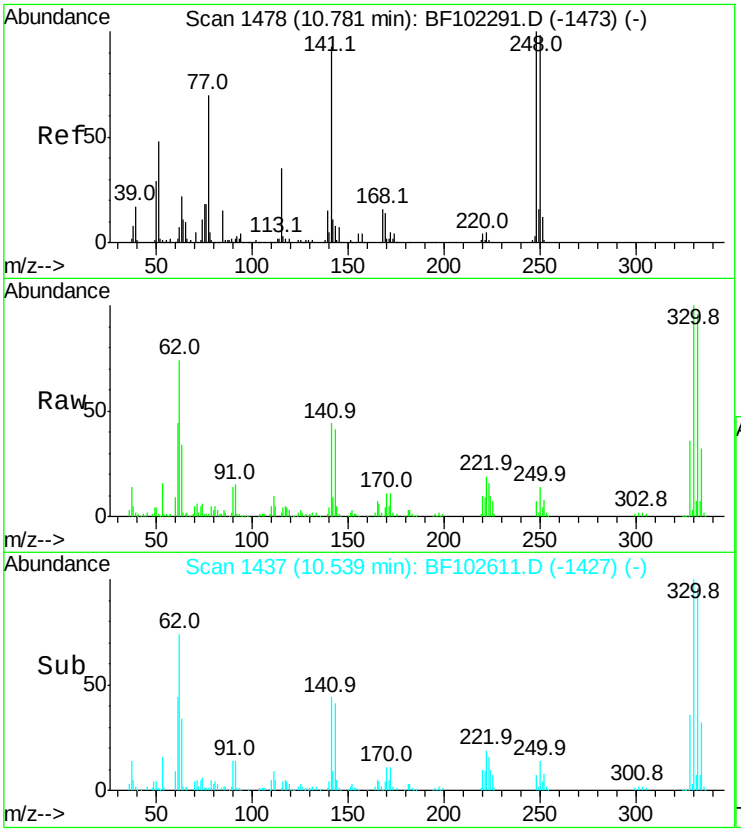


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:188 Resp: 468548

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.2	9.2	13.8



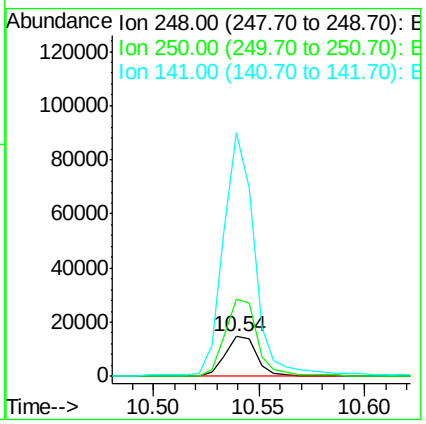


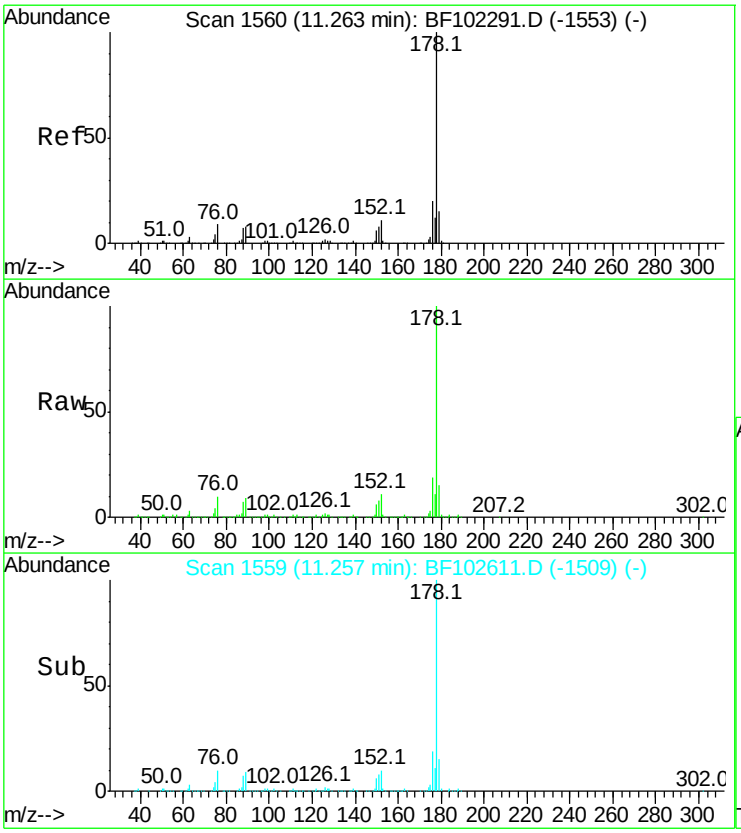
#66
4-Bromophenyl-phenylether
Concen: 3.048 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15373

Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.9	115.3#
141	612.6	74.4	111.6#

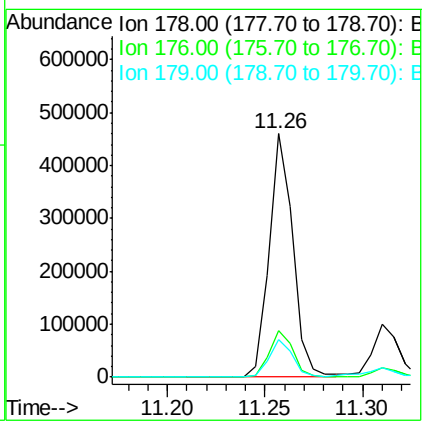


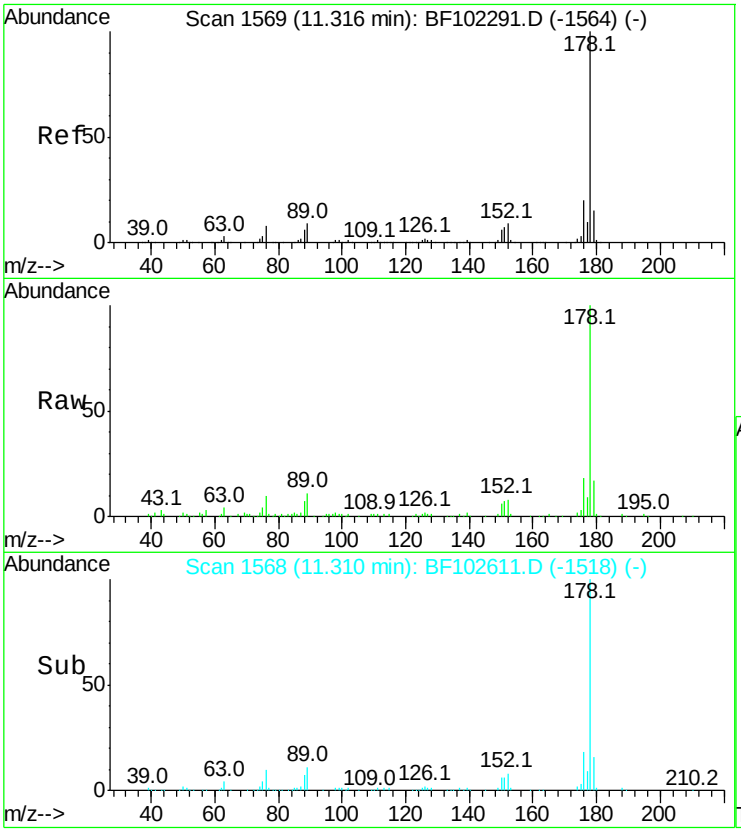


#70
Phenanthrene
Concen: 14.158 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:178 Resp: 386553

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.3	13.0	19.6



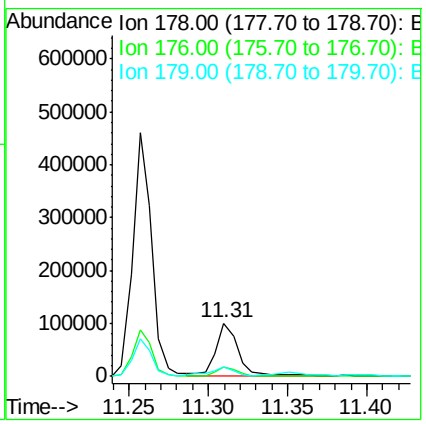


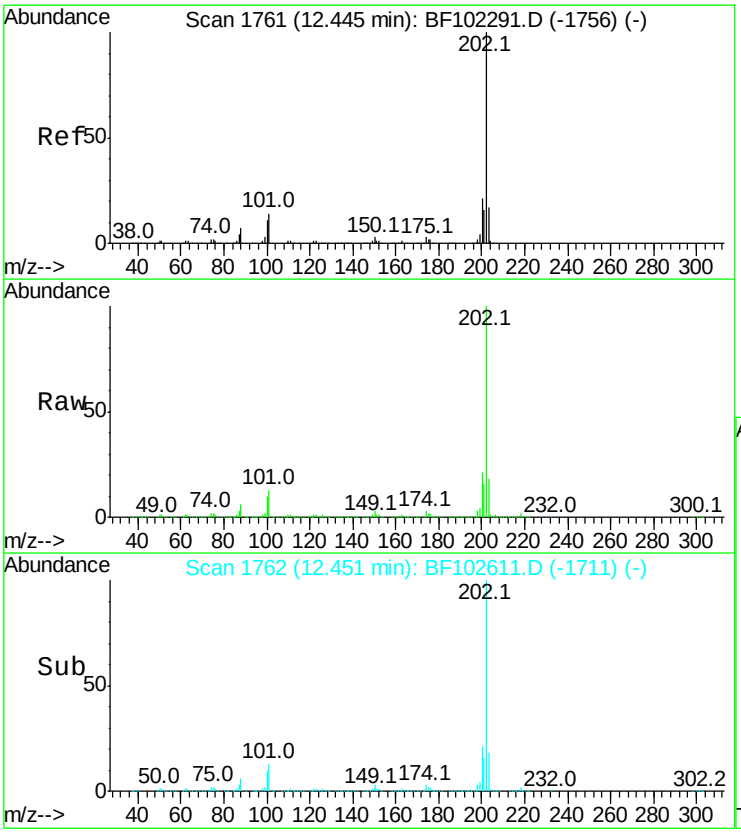
#71
Anthracene
Concen: 3.499 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 97497

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	16.6	12.6	19.0

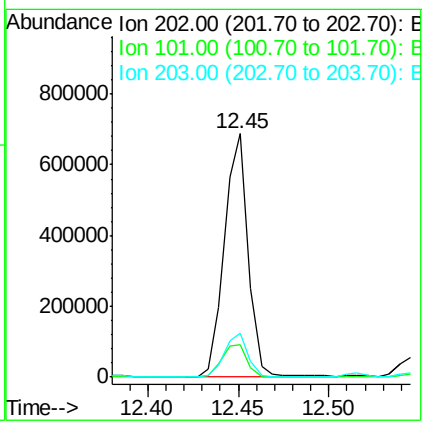


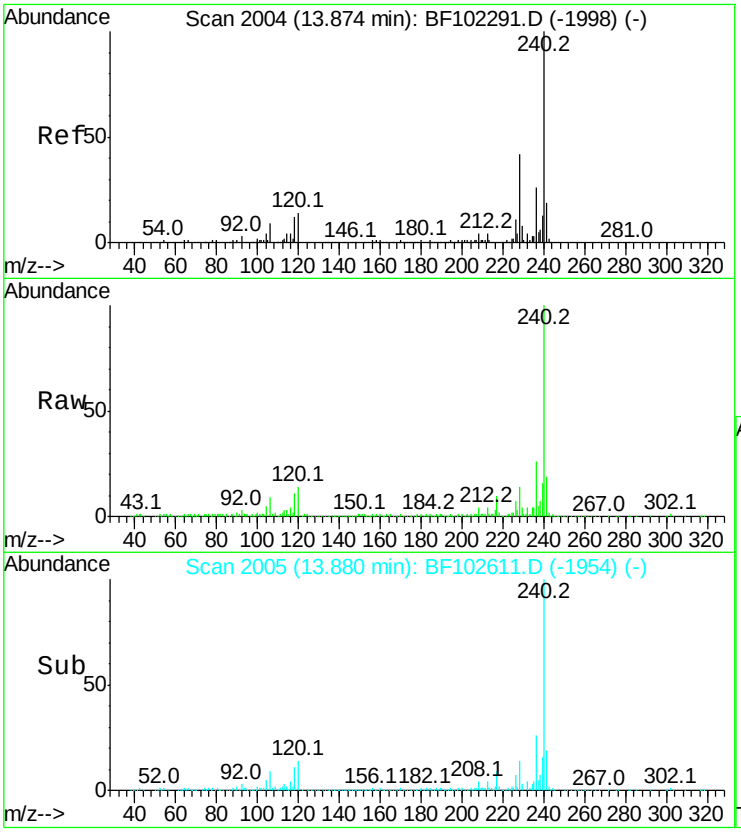


#74
Fluoranthene
Concen: 22.611 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:202 Resp: 629557

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	18.2	0.0	38.1



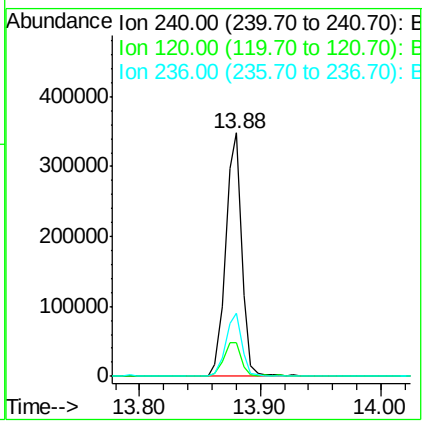


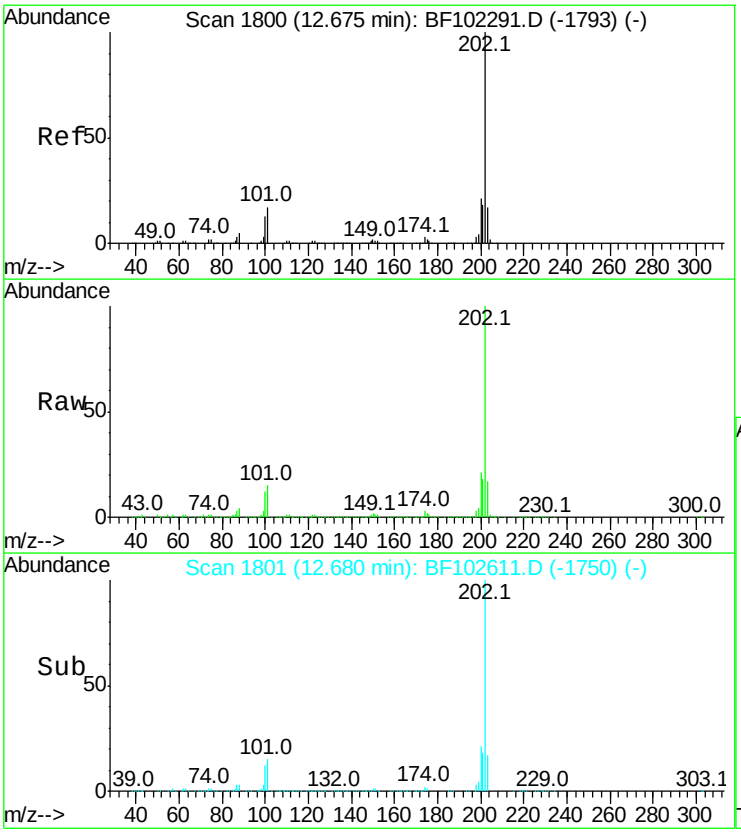
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 321267

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.9	20.7	31.1

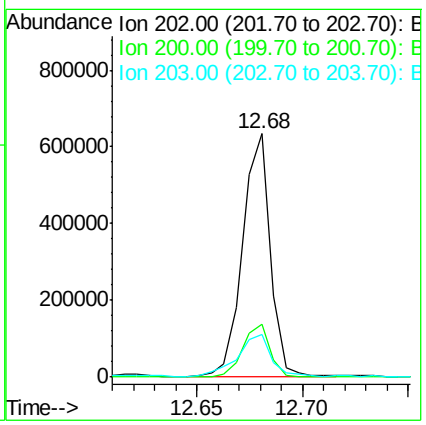


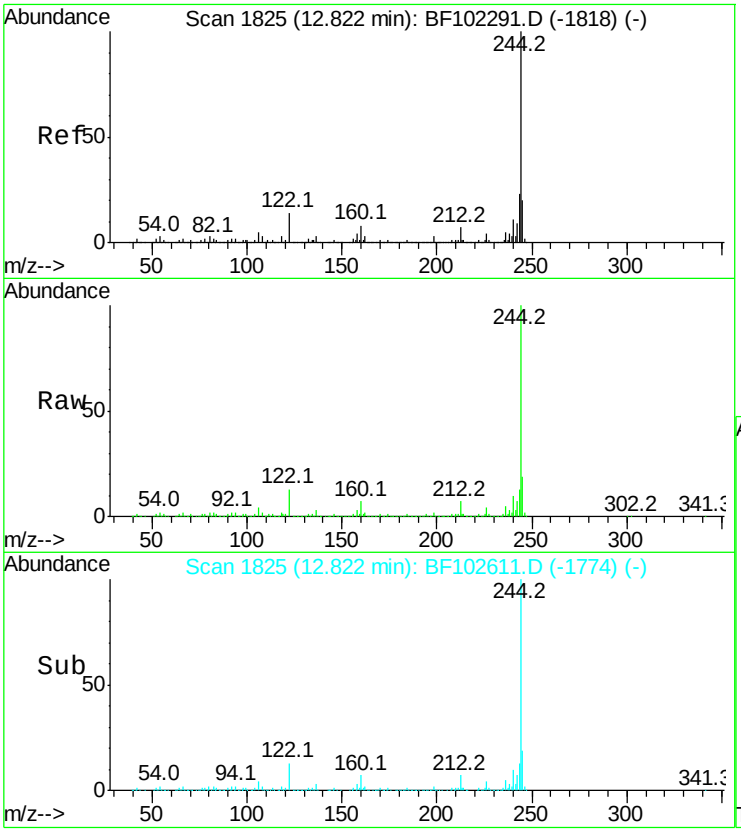


#77
Pyrene
Concen: 23.270 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:202 Resp: 578002

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.3	14.3	21.5



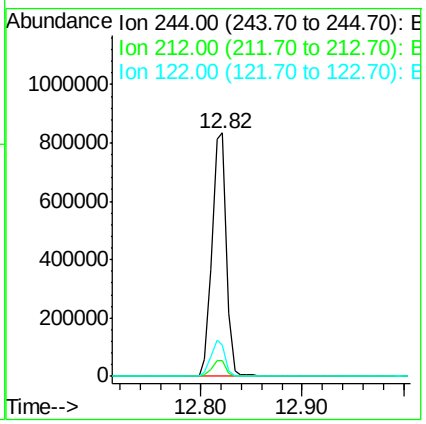


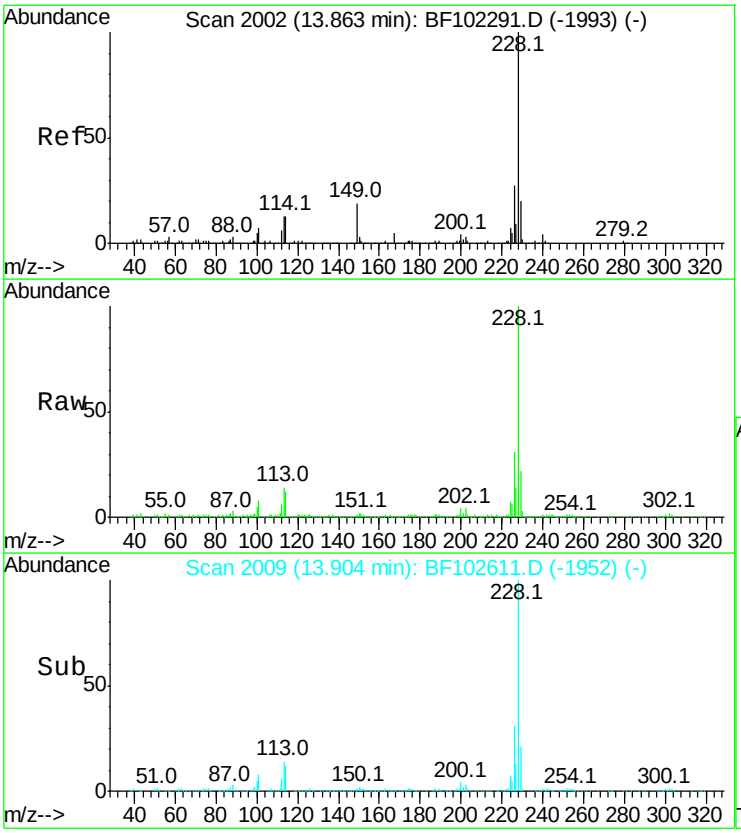
#78
Terphenyl-d14
Concen: 58.156 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 828782

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.7	11.0	16.4

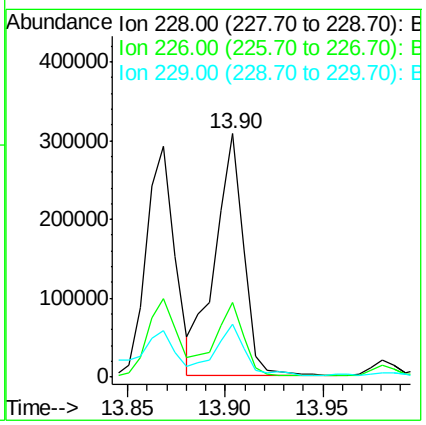


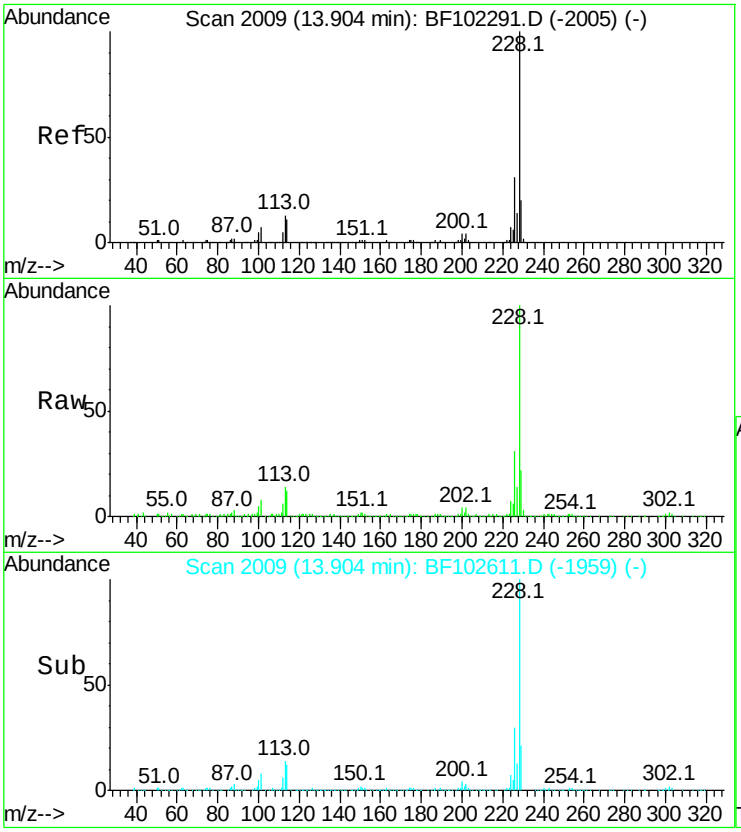


#80
Benzo(a)anthracene
Concen: 15.805 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:228 Resp: 312615

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	21.7	15.8	23.6



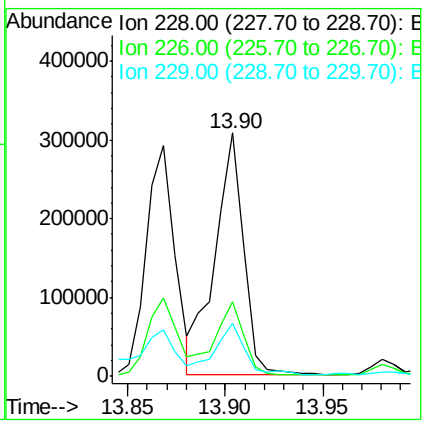


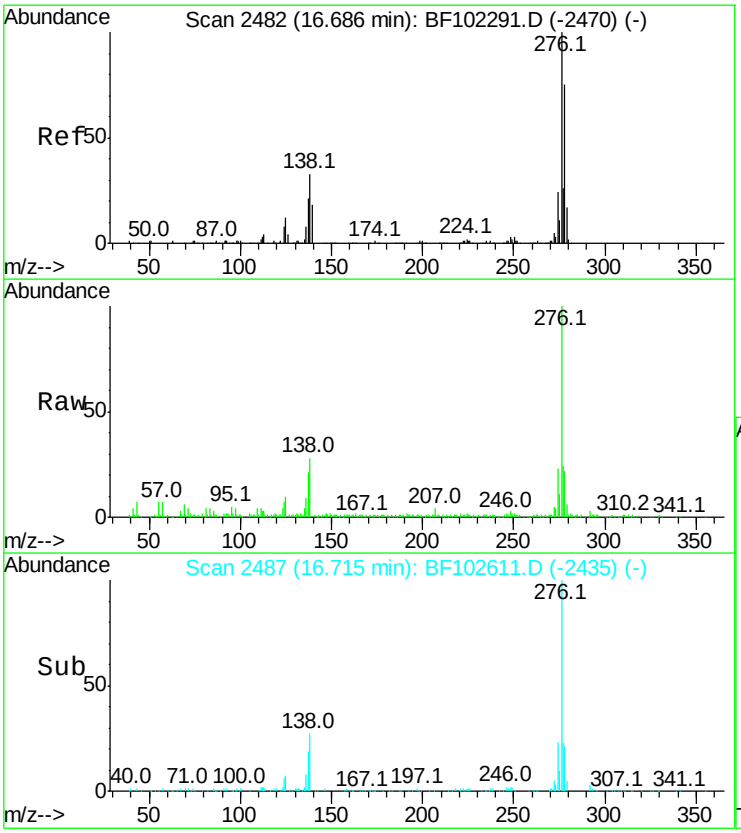
#82
Chrysene
Concen: 15.564 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 312615

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.7	16.2	24.4

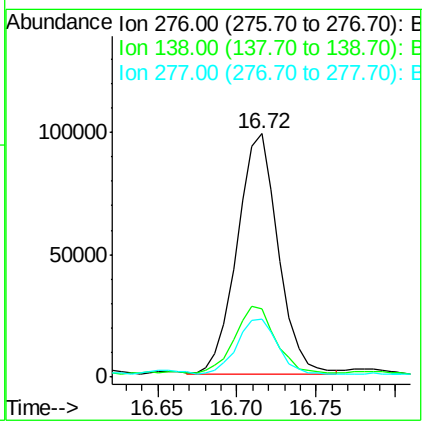


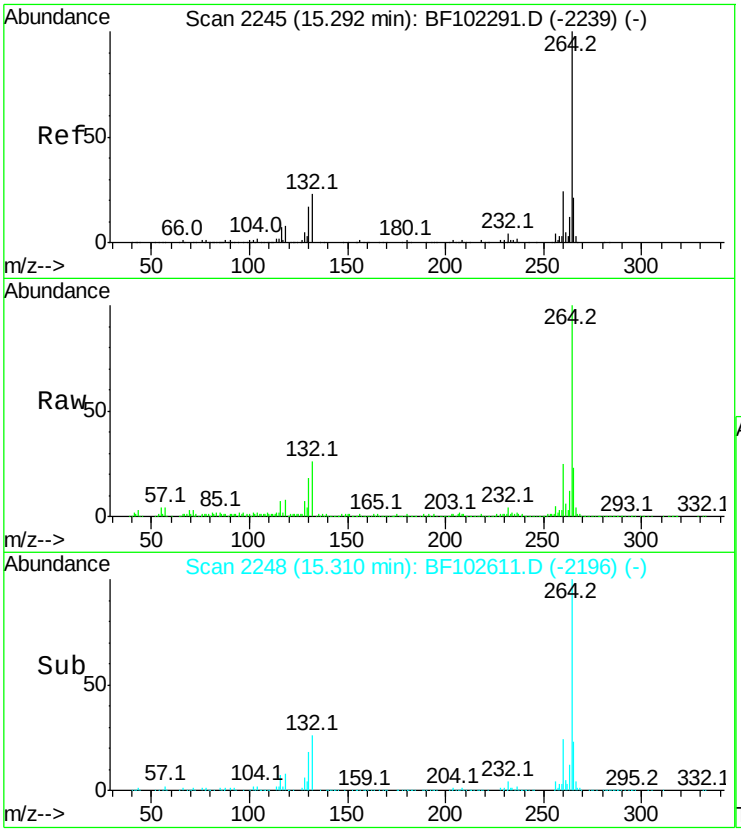


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.621 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:276 Resp: 176182

Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	23.3	20.1	30.1



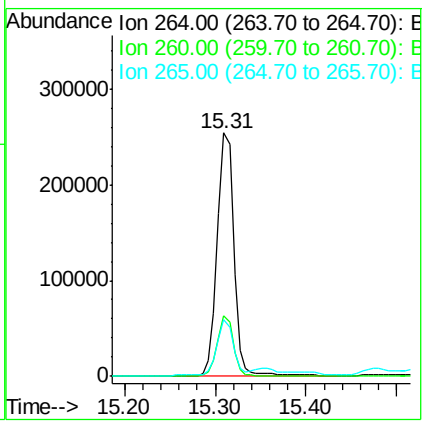


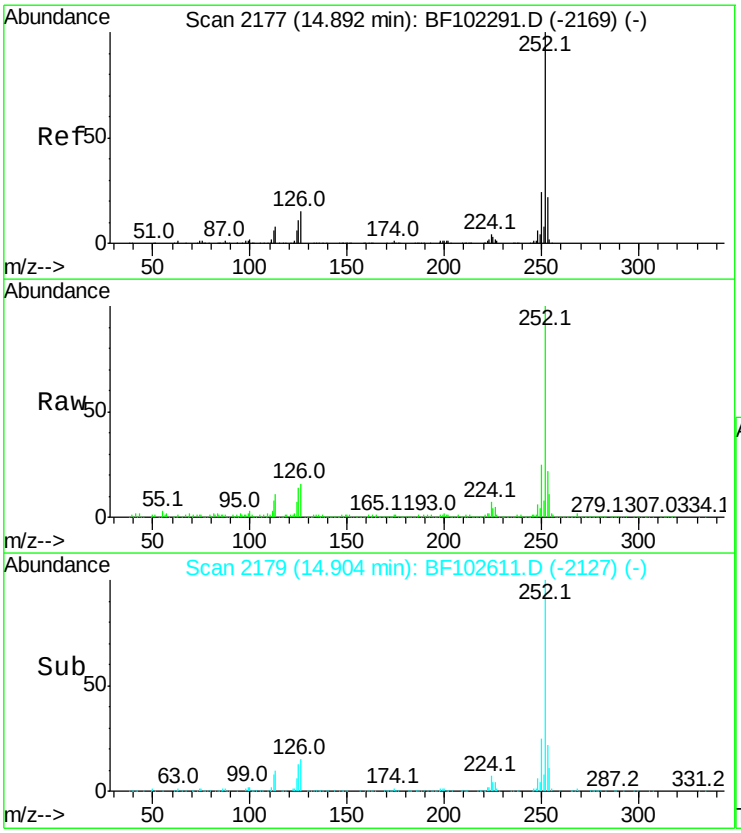
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 322107

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.4	17.5	26.3

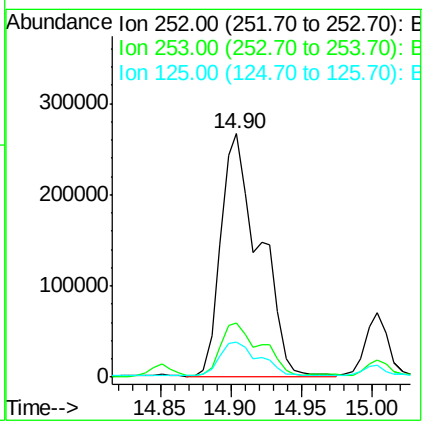


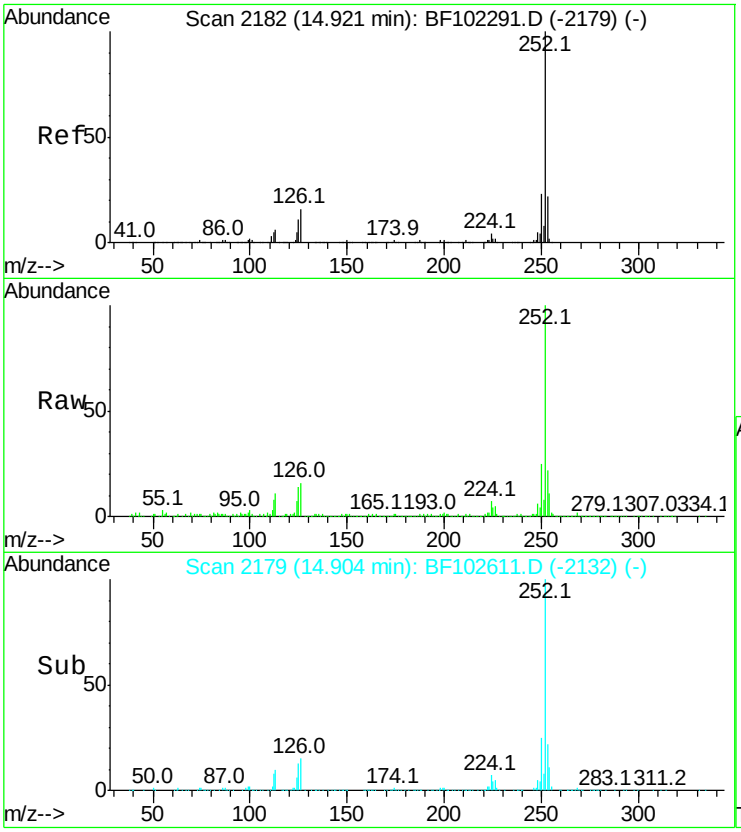


#87
Benzo(b)fluoranthene
Concen: 24.301 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:252 Resp: 507339

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	14.2	9.0	13.6#



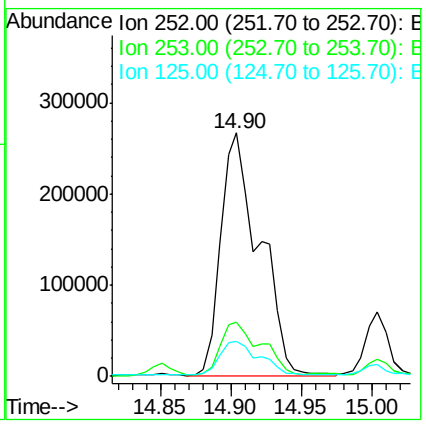


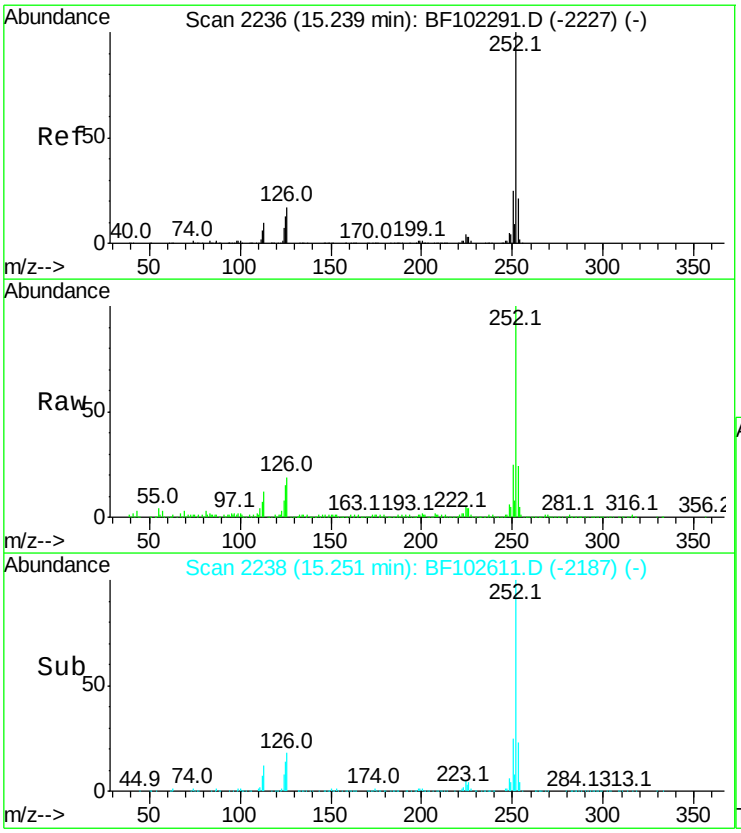
#88
Benzo(k)fluoranthene
Concen: 25.721 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 507339

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.2	10.2	15.2

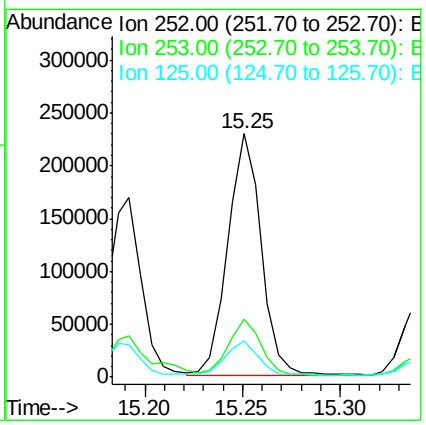


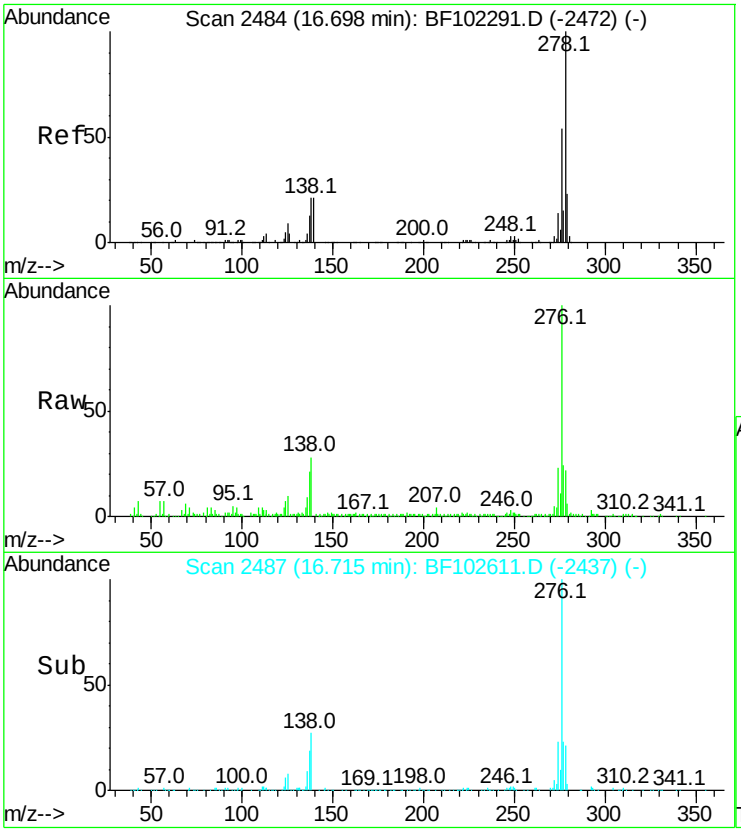


#89
Benzo(a)pyrene
Concen: 14.421 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:252 Resp: 271536

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	15.1	9.8	14.6#



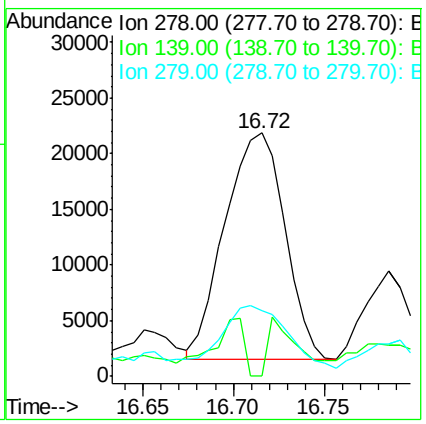


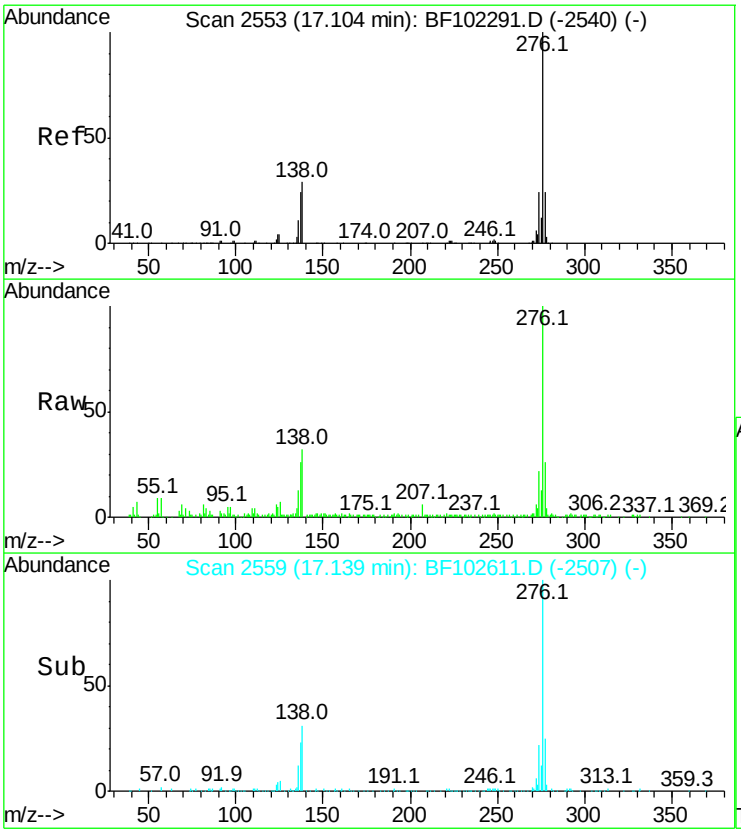
#90
Dibenzo(a,h)anthracene
Concen: 3.044 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 46428

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	27.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 11.298 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF102611.D
Acq: 29 Jan 2018 21:44

Tgt Ion:276 Resp: 170152

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	31.8	21.8	32.8