Quantitation Report (Not Reviewed)

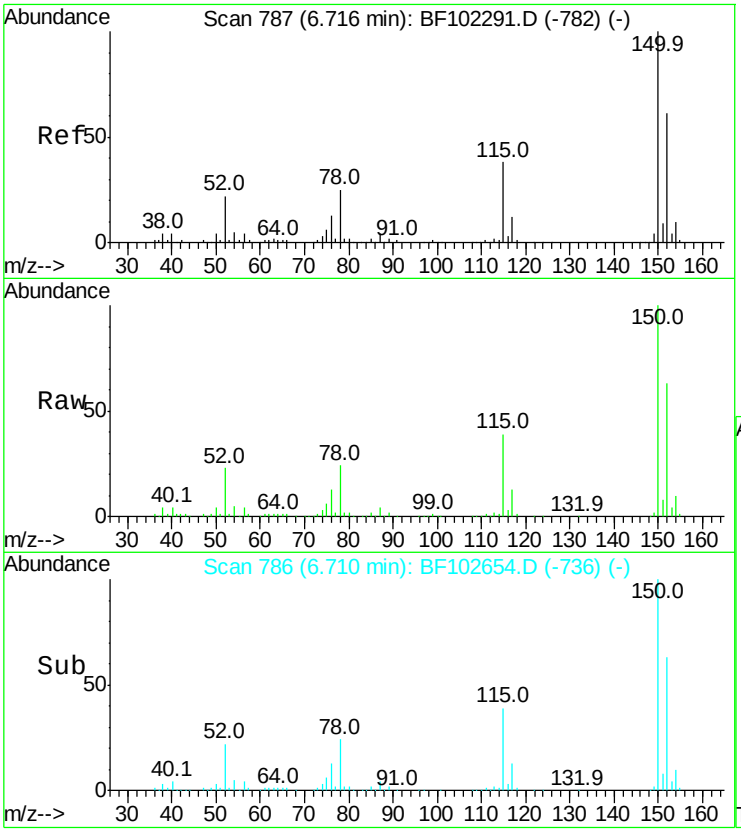
Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
Data File : BF102654.D
Acq On : 30 Jan 2018 21:57
Operator : SJ/JU
Sample : J1361-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 31 02:29:44 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	156853	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	653994	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	271974	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	406957	20.00	ng		0.00
75) Chrysene-d12	13.88	240	300669	20.00	ng		0.00
86) Perylene-d12	15.31	264	253678	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	245744	23.76	ng		0.00
7) Phenol-d6	6.36	99	308124	24.71	ng		0.00
23) Nitrobenzene-d5	7.28	82	173681	15.26	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	38419	14.26	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	329889	17.83	ng		0.00
78) Terphenyl-d14	12.82	244	214428	16.08	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	23136	3.031	ng	#	77
25) Isophorone	7.28	82	173679	8.561	ng	#	64
50) 2,6-Dinitrotoluene	9.75	165	35011	7.224	ng	#	25
56) 2,4-Dinitrotoluene	9.75	165	35011	5.874	ng	#	22
70) Phenanthrene	11.26	178	112617	4.749	ng		98
74) Fluoranthene	12.45	202	182119	7.531	ng		96
77) Pyrene	12.67	202	179391	7.717	ng		99
80) Benzo(a)anthracene	13.87	228	127455	6.885	ng		97
82) Chrysene	13.90	228	136943	7.285	ng		97
85) Indeno(1,2,3-cd)pyrene	16.72	276	90804	5.849	ng		95
87) Benzo(b)fluoranthene	14.90	252	285423	17.359	ng	#	96
88) Benzo(k)fluoranthene	14.90	252	285423	18.374	ng		98
89) Benzo(a)pyrene	15.25	252	166324	11.216	ng	#	94
90) Dibenzo(a,h)anthracene	16.72	278	25518	2.124	ng	#	72
91) Benzo(g,h,i)perylene	17.14	276	91064	7.678	ng		93

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

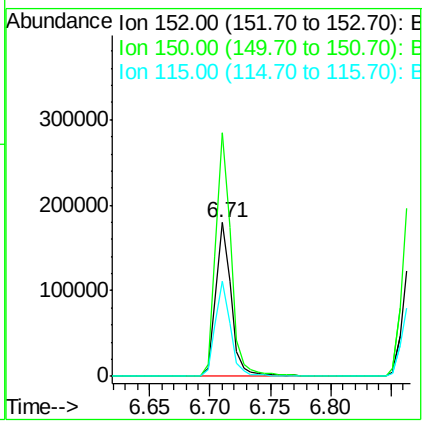


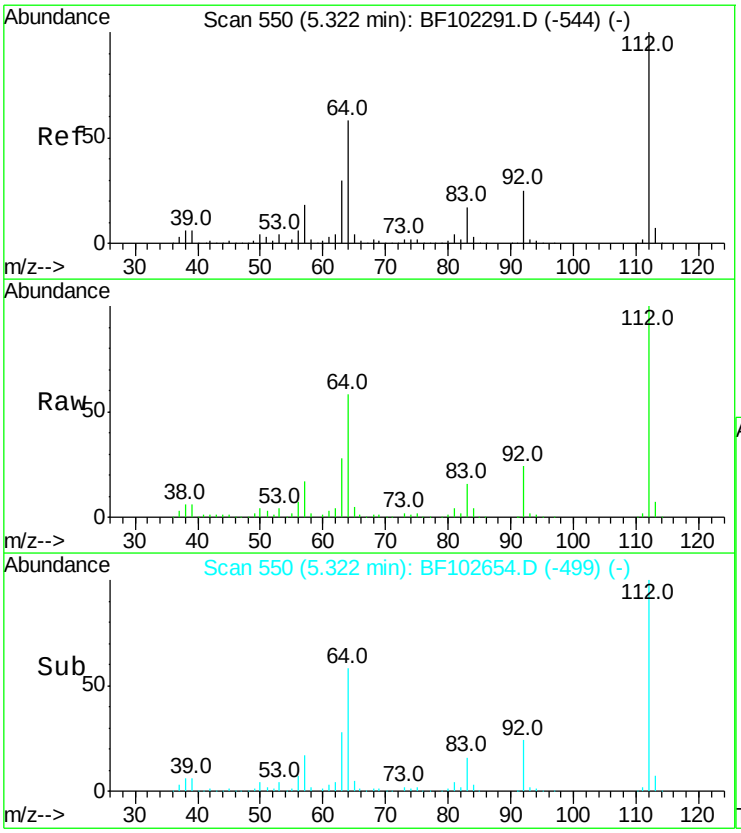
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 156853

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	61.8	50.1	75.1

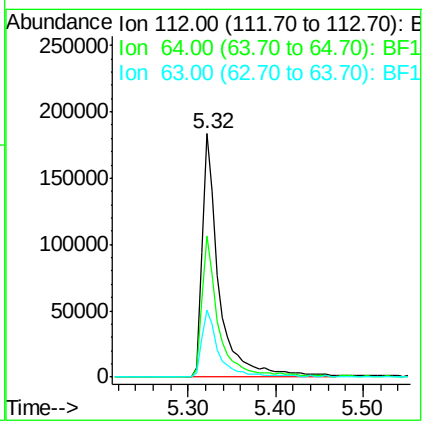


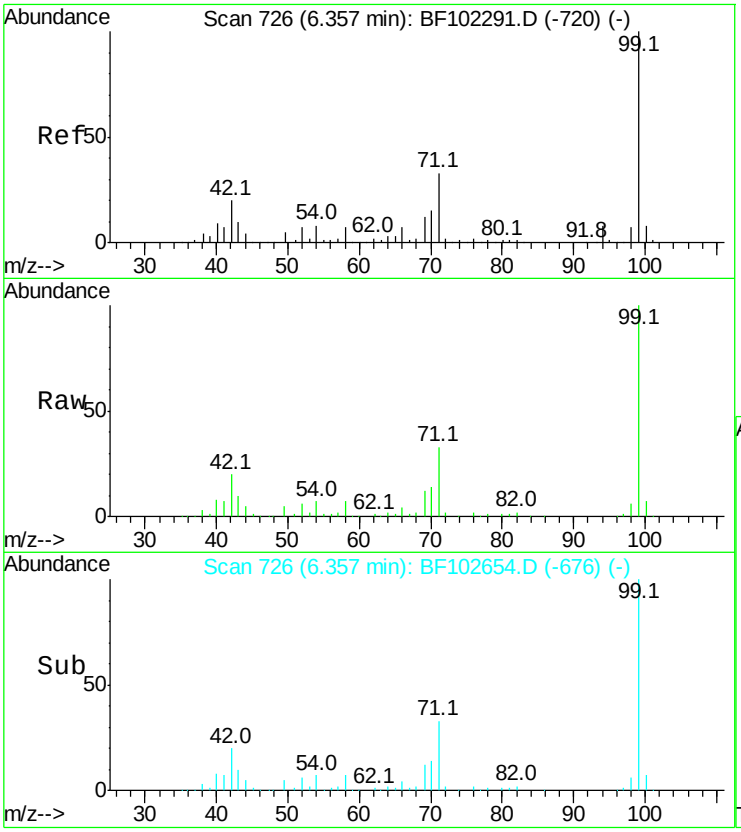


#5
2-Fluorophenol
Concen: 23.755 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:112 Resp: 245744

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	27.7	23.7	35.5



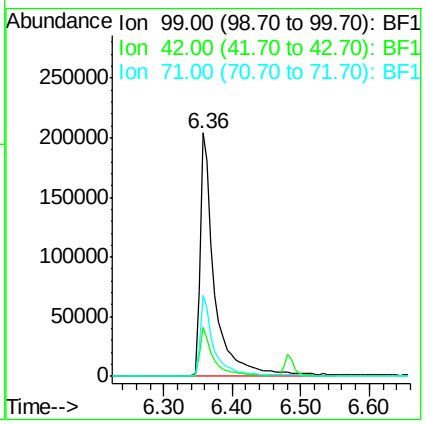


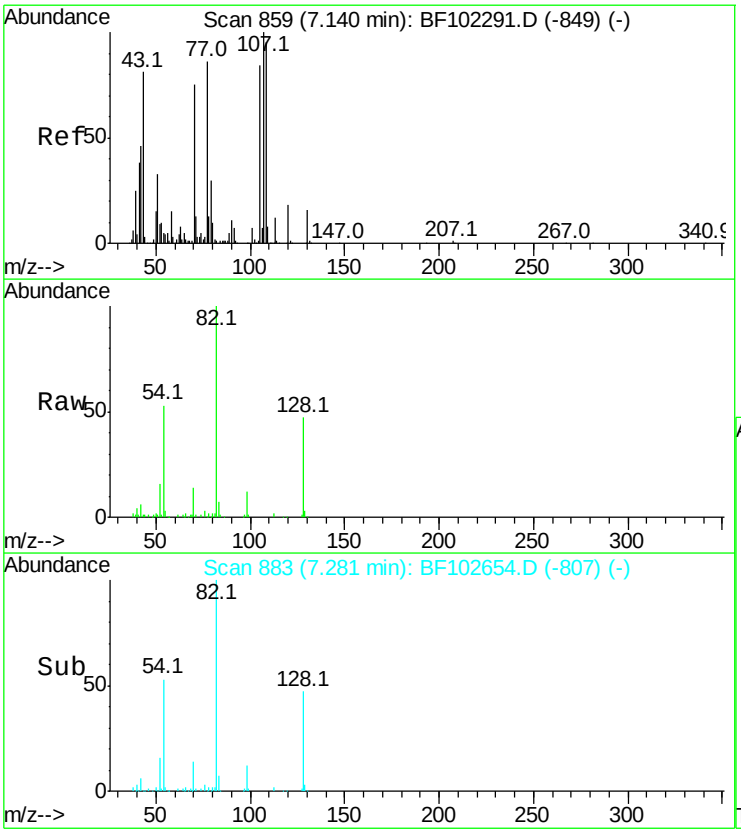
#7
Phenol-d6
Concen: 24.706 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 308124

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.5	25.4	38.0

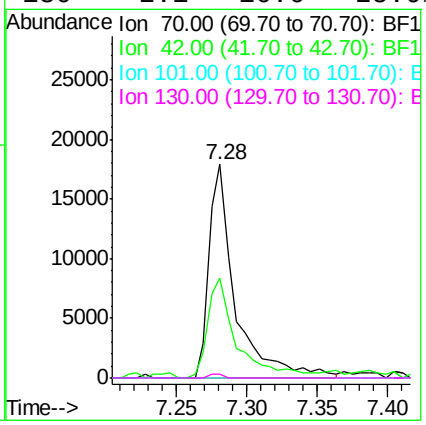


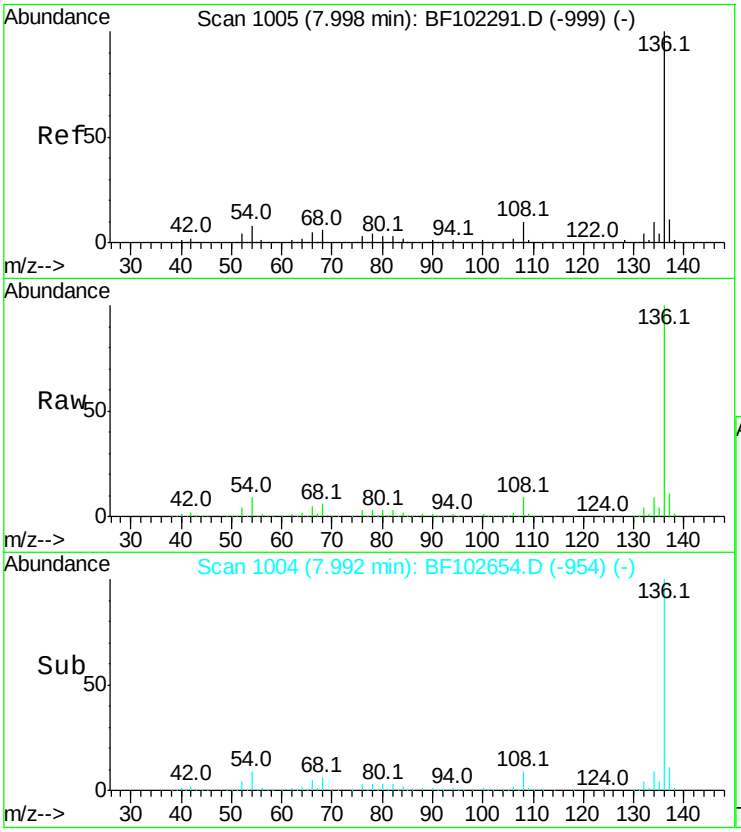


#19
n-Nitroso-di-n-propylamine
Concen: 3.031 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion: 70 Resp: 23136

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



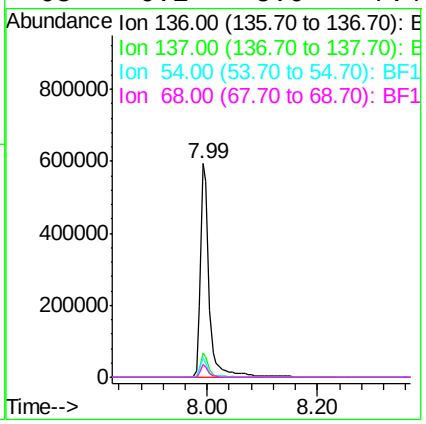


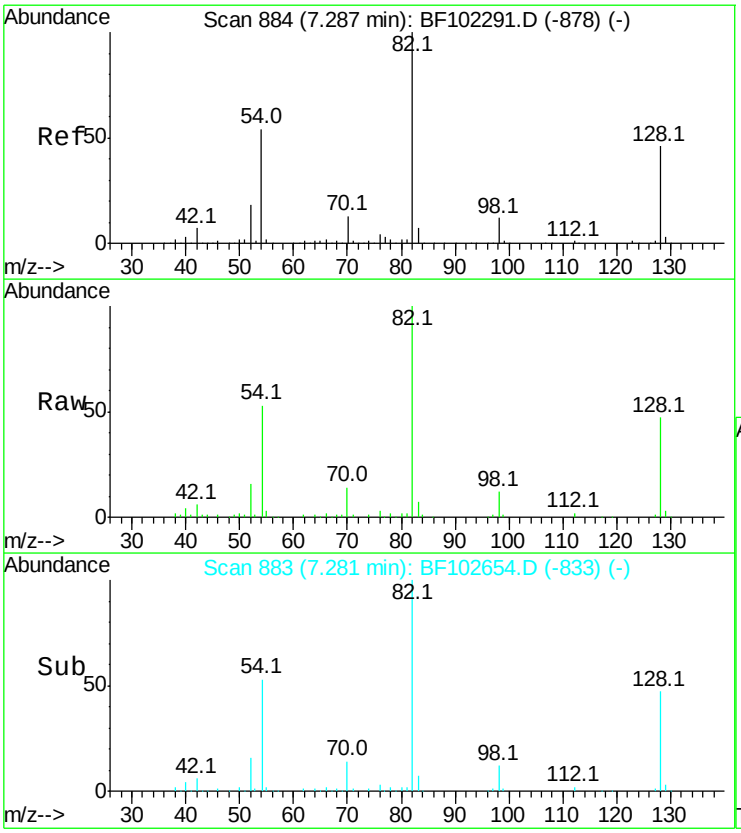
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 653994

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	6.6	9.8
68	6.1	5.0	7.4

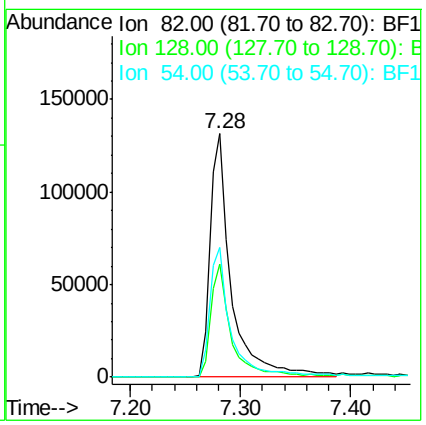


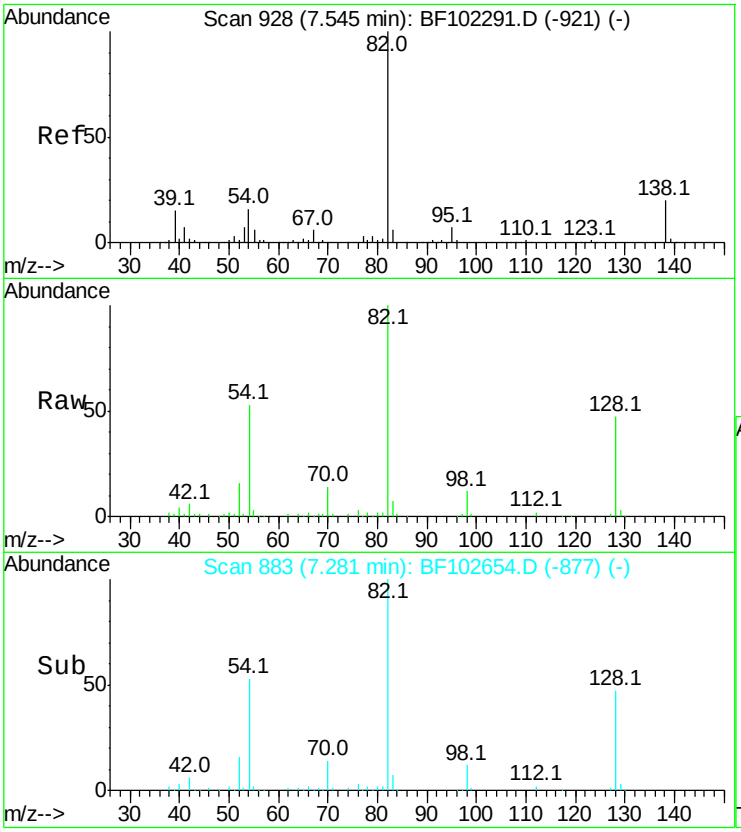


#23
Nitrobenzene-d5
Concen: 15.261 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion: 82 Resp: 173681

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.1	41.4	62.2



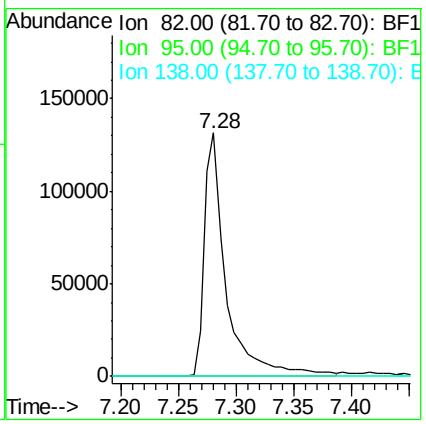


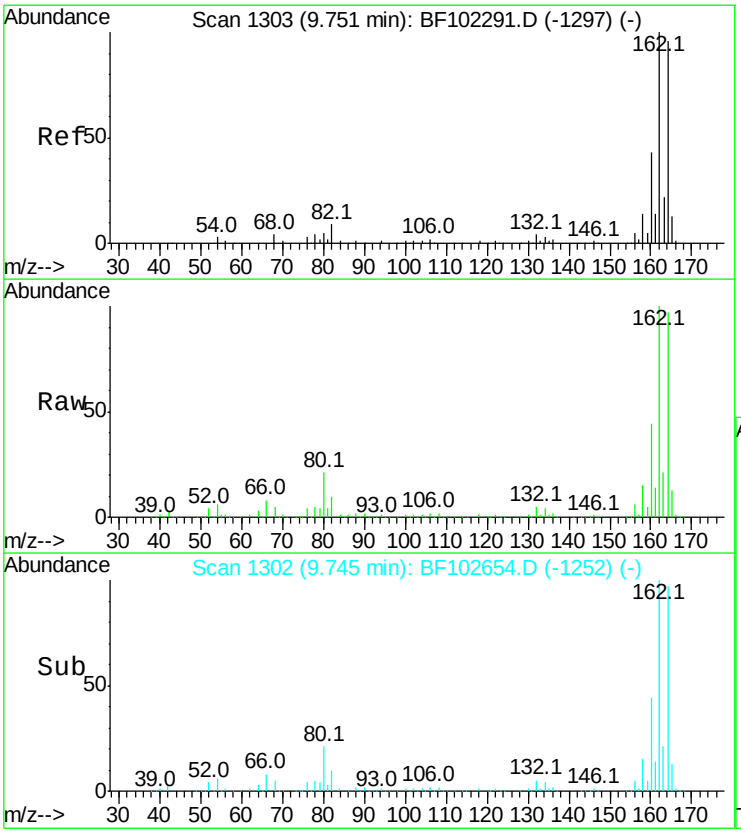
#25
Isophorone
Concen: 8.561 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 173679

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

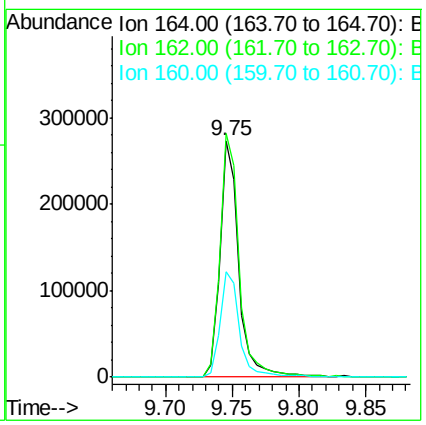


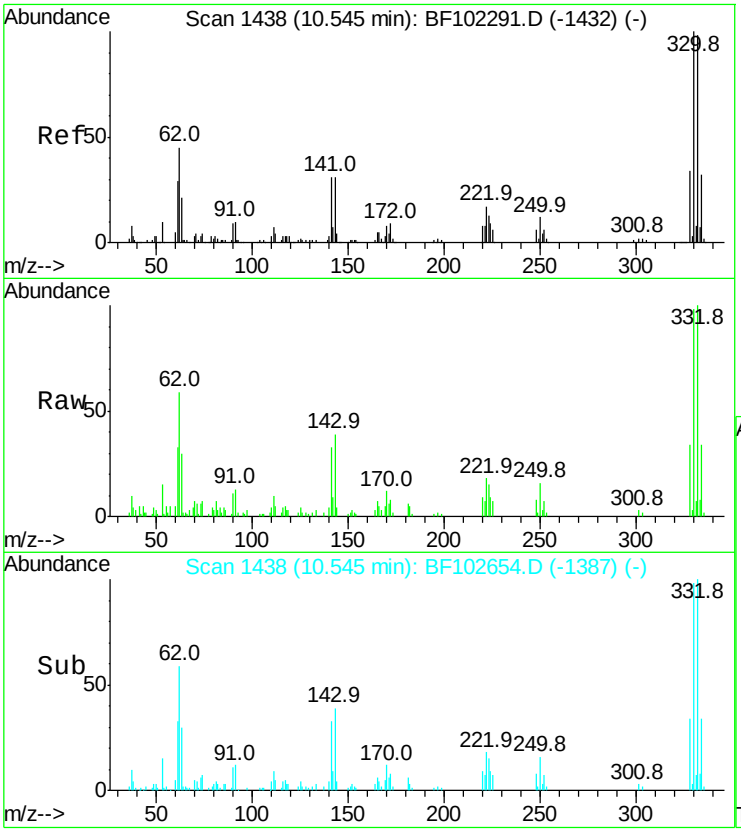


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:164 Resp: 271974

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.9	38.3	57.5



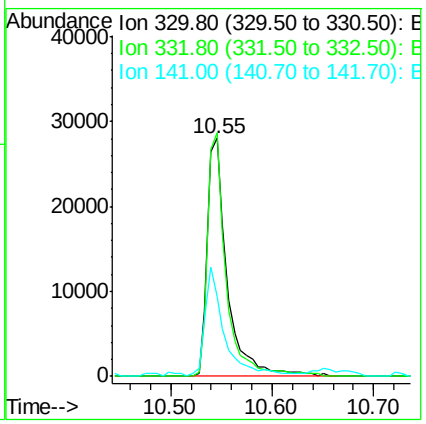


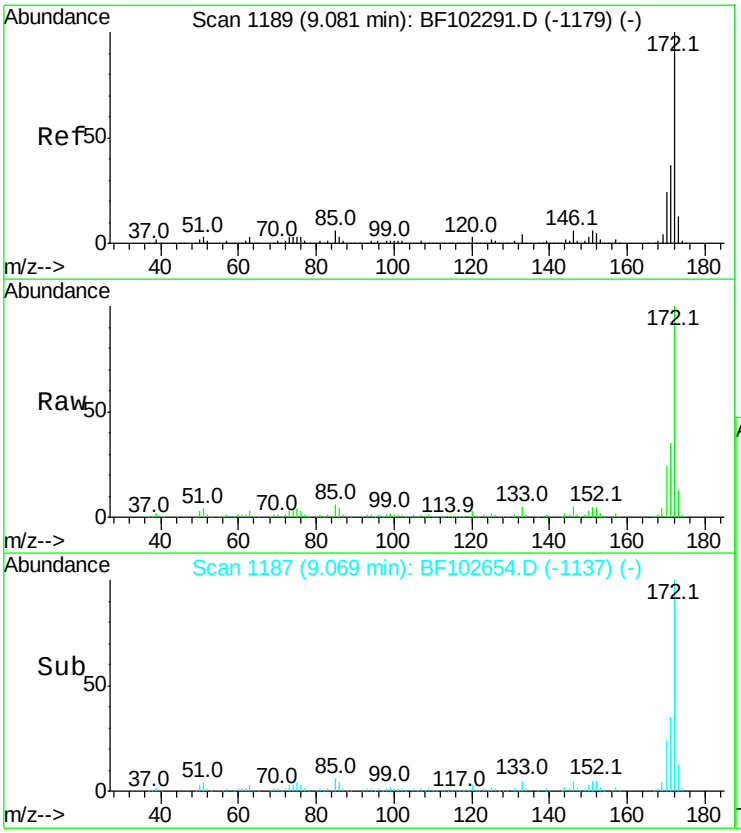
#41
2,4,6-Tribromophenol
Concen: 14.256 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 38419

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	44.6	29.9	44.9

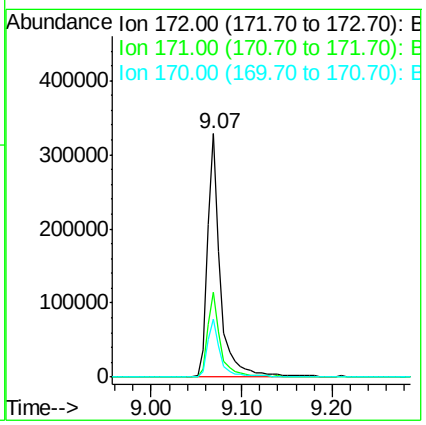


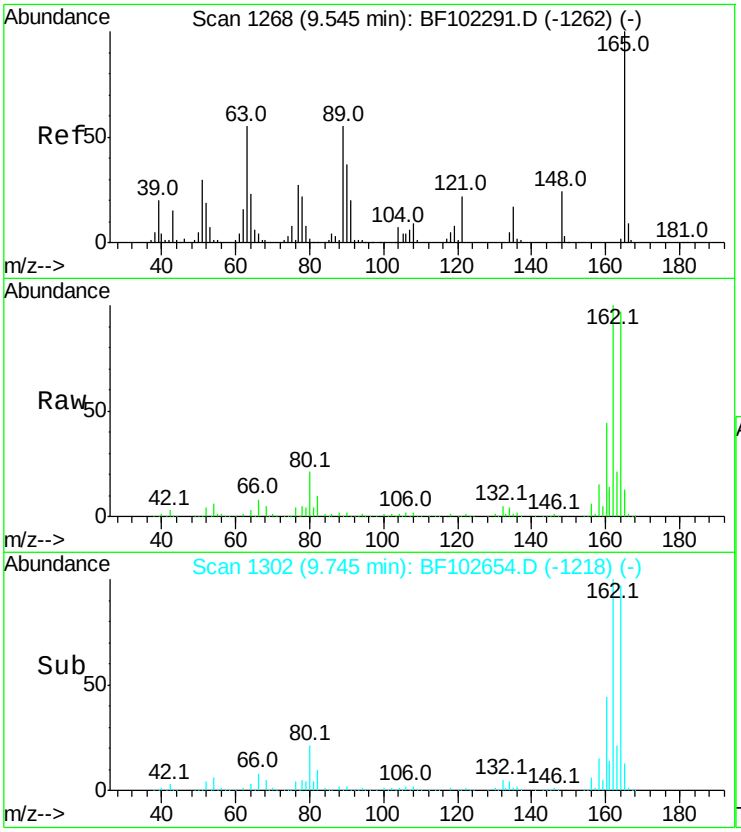


#44
2-Fluorobiphenyl
Concen: 17.835 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:172 Resp: 329889

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.8	19.6	29.4



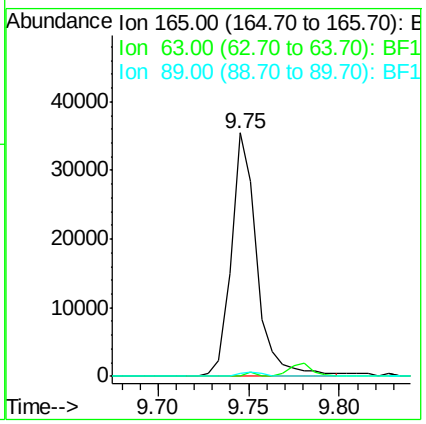


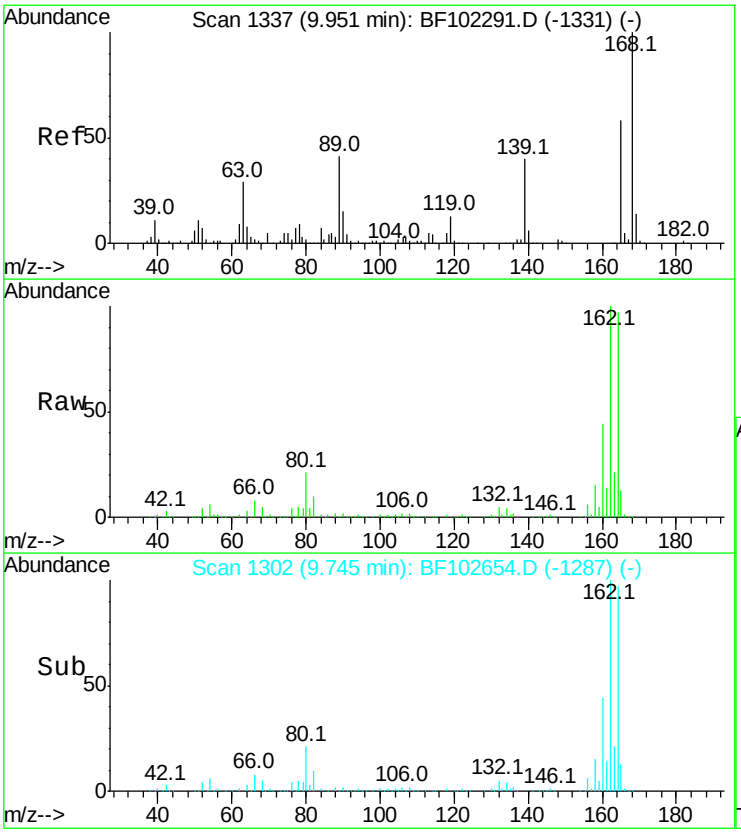
#50
2,6-Dinitrotoluene
Concen: 7.224 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35011

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#

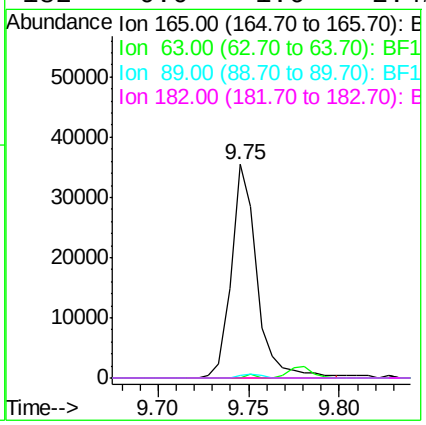


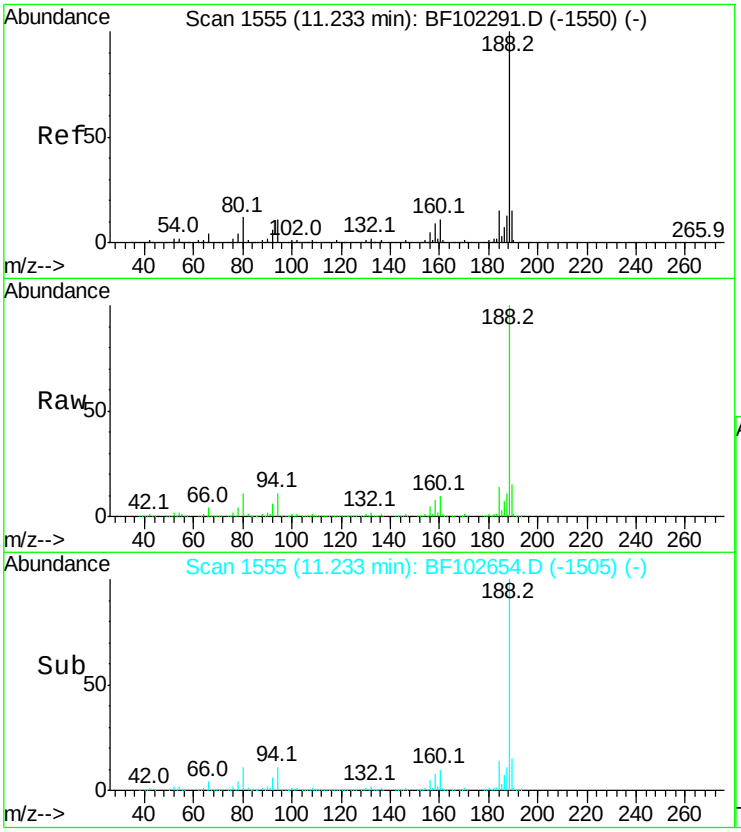


#56
2,4-Dinitrotoluene
Concen: 5.874 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:165 Resp: 35011

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



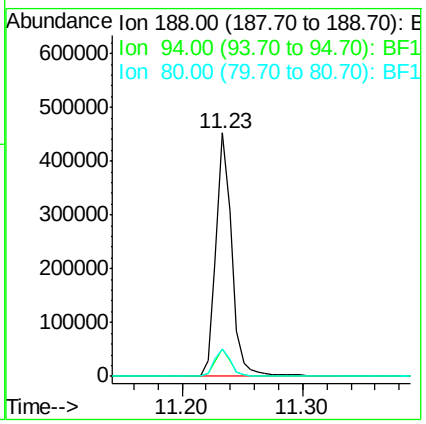


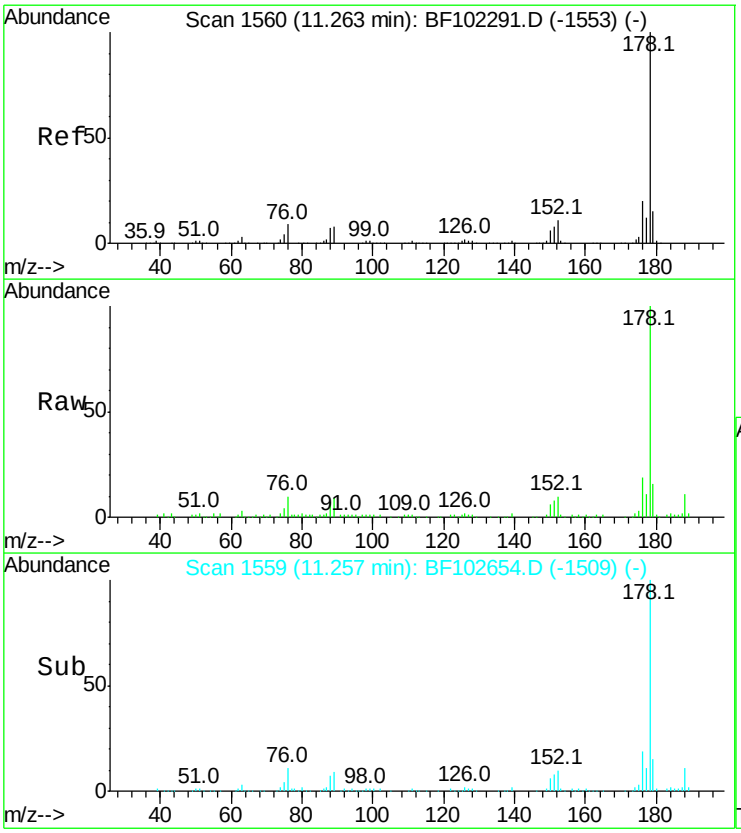
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 406957

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.3	9.2	13.8

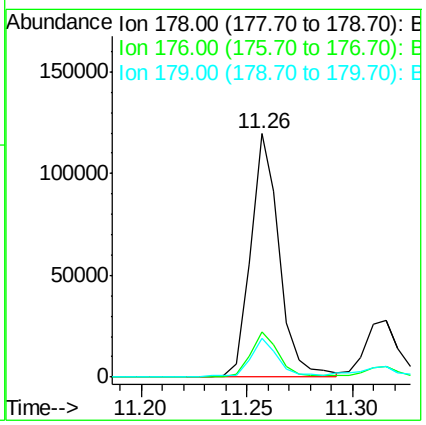


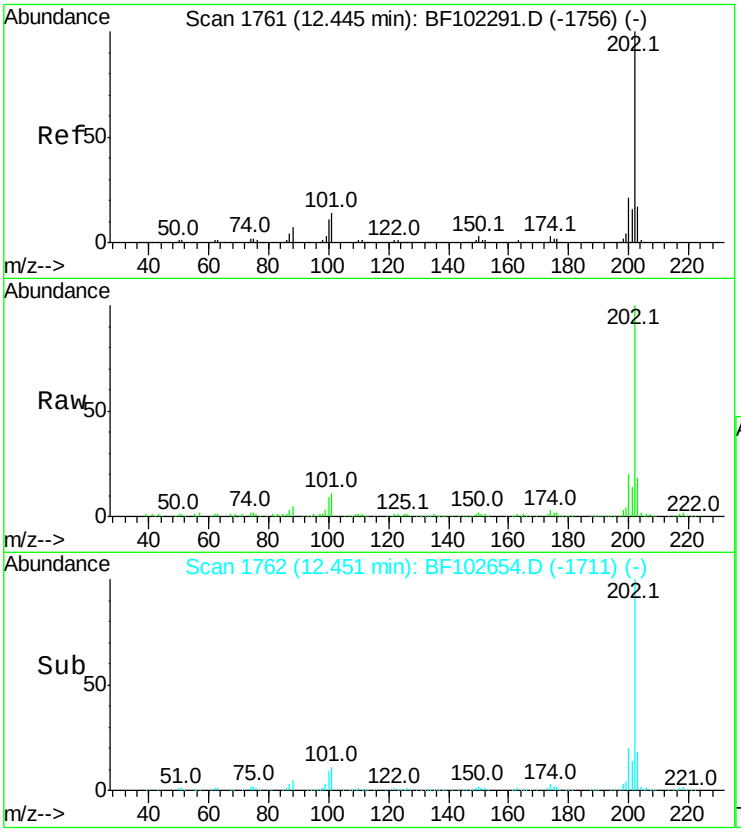


#70
Phenanthrene
Concen: 4.749 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:178 Resp: 112617

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.7	13.0	19.6



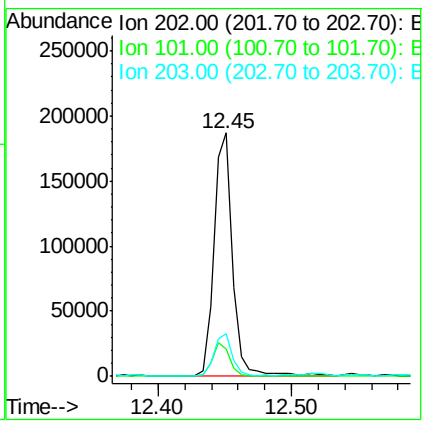


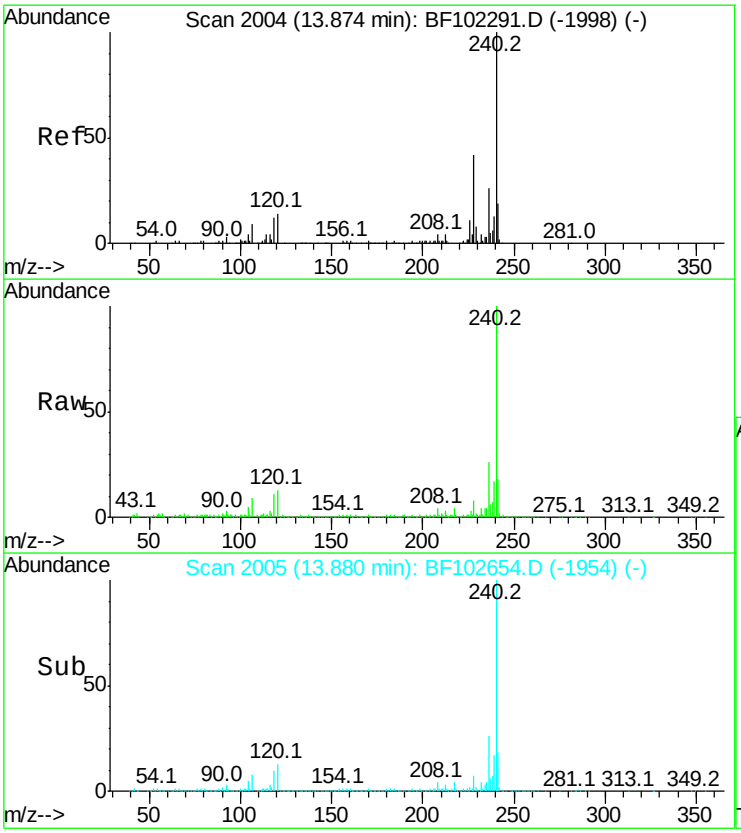
#74
Fluoranthene
Concen: 7.531 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 182119

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.5	0.0	38.1

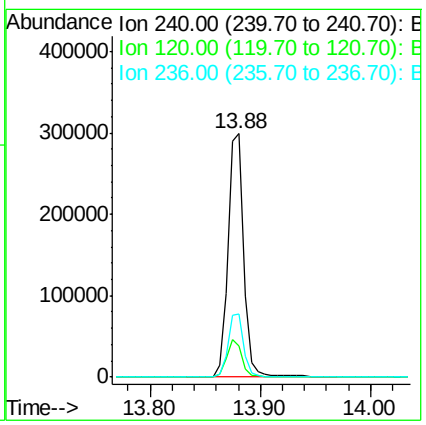


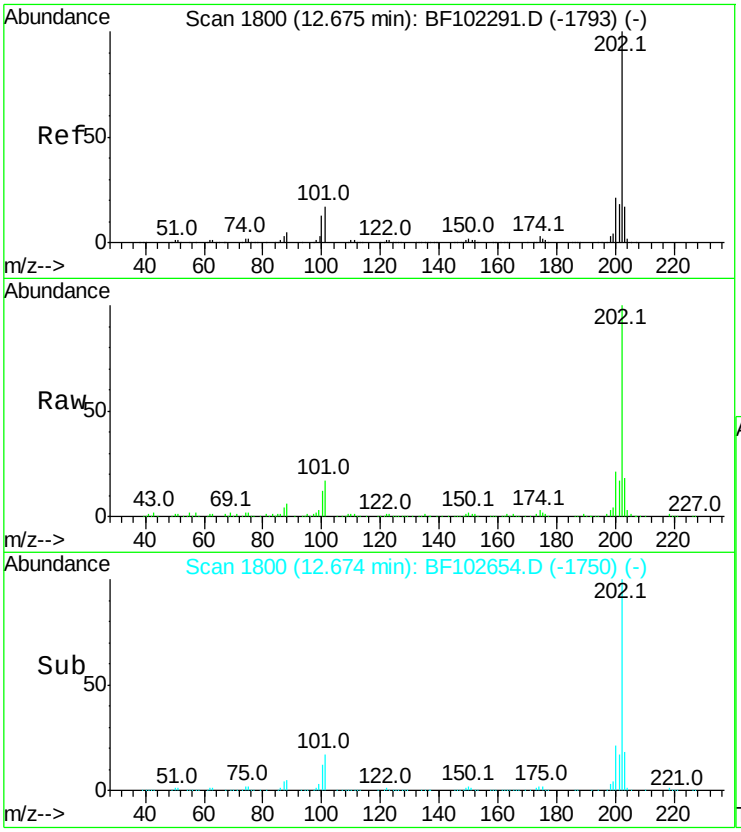


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:240 Resp: 300669

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	26.0	20.7	31.1



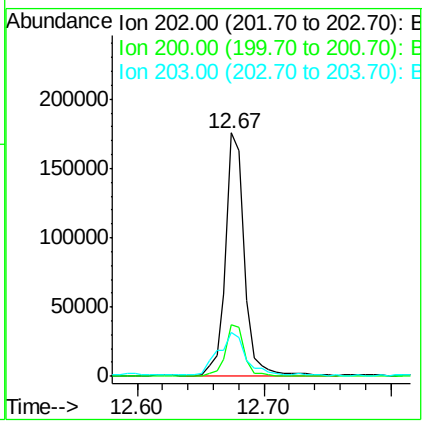


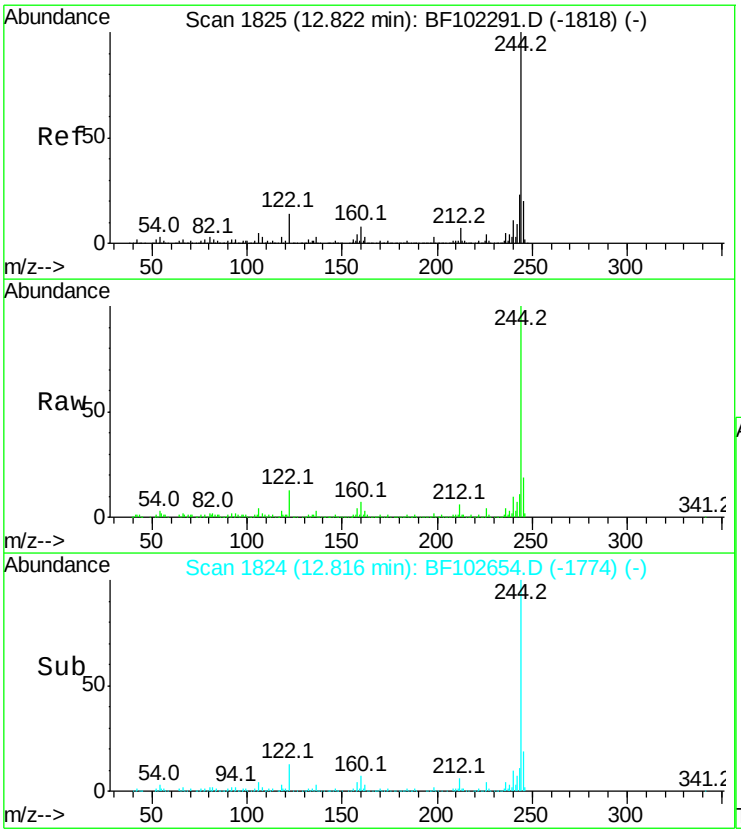
#77
Pyrene
Concen: 7.717 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 179391

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.1	14.3	21.5

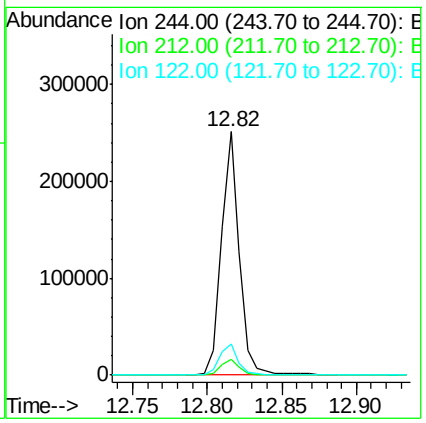


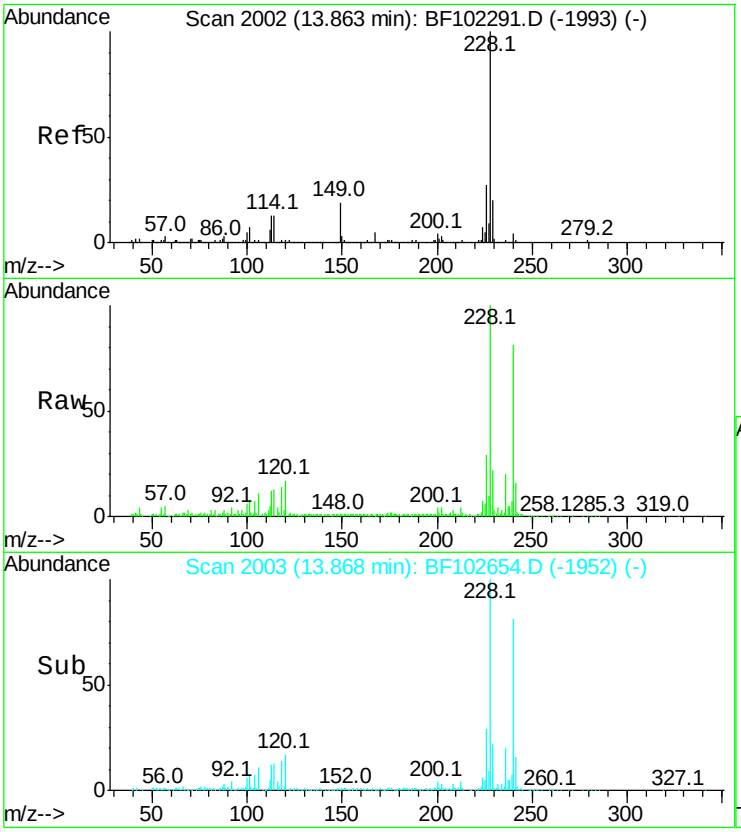


#78
Terphenyl-d14
Concen: 16.077 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:244 Resp: 214428

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.0	11.0	16.4



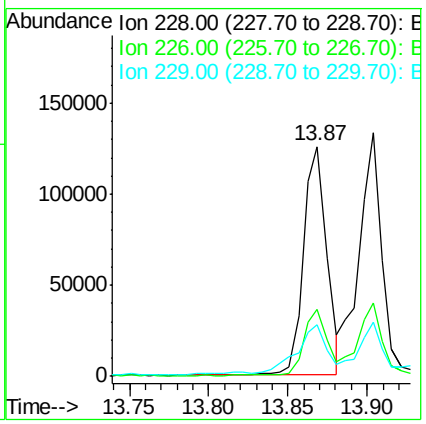


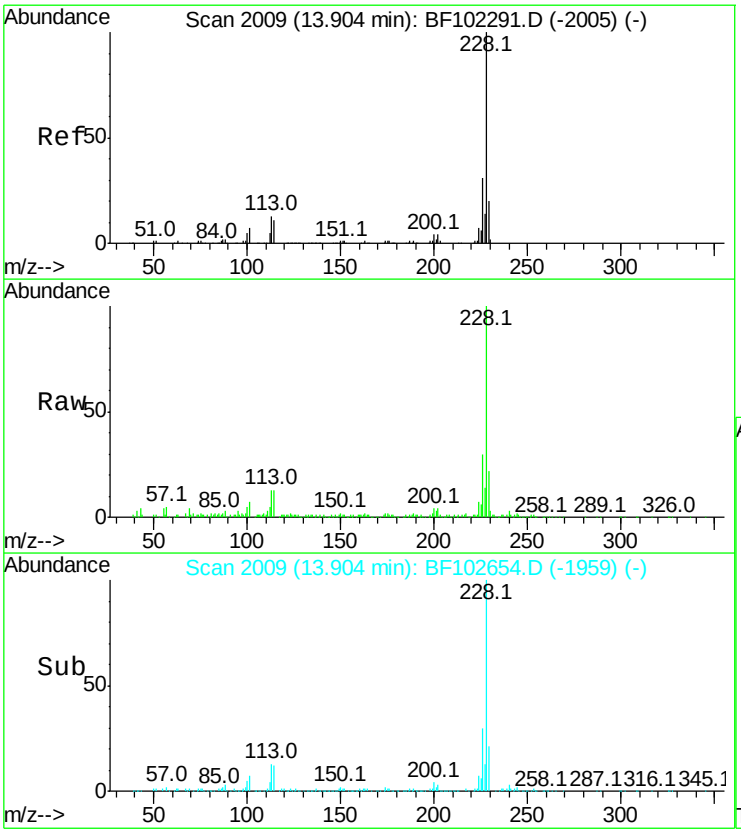
#80
Benzo(a)anthracene
Concen: 6.885 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 127455

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.4	15.8	23.6

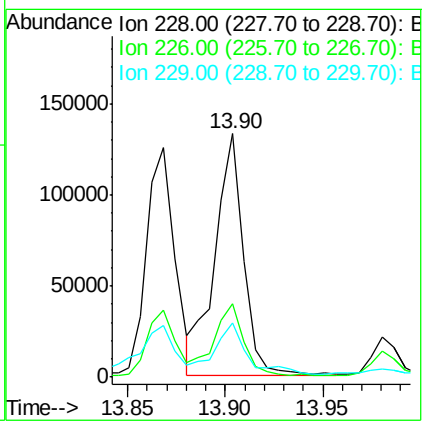


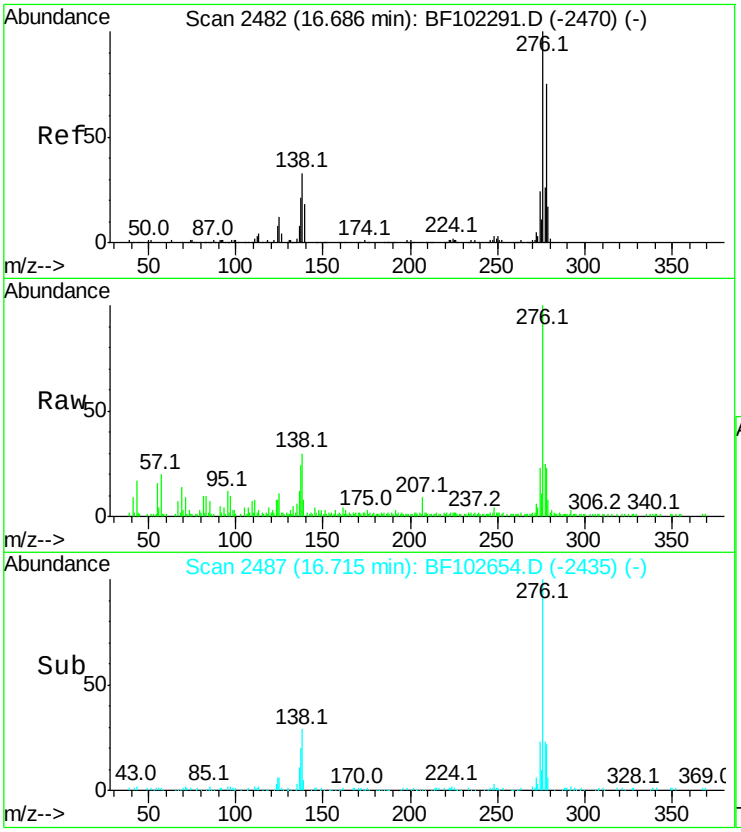


#82
Chrysene
Concen: 7.285 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:228 Resp: 136943

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.0	16.2	24.4



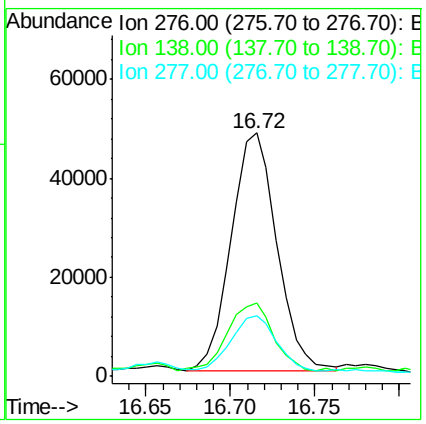


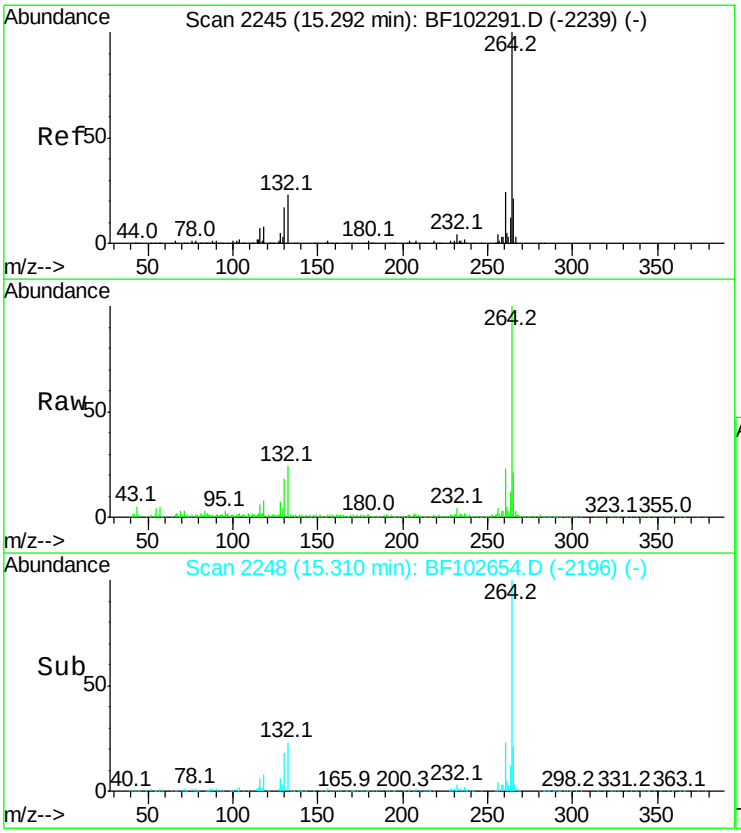
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.849 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 90804

Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	22.6	20.1	30.1

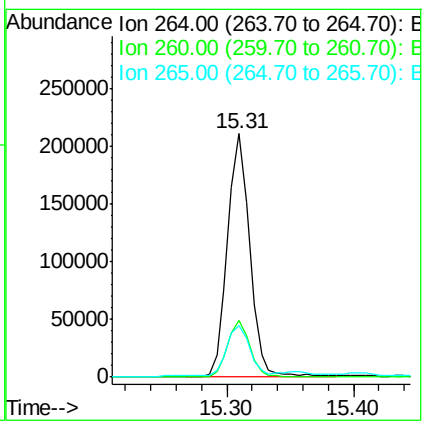


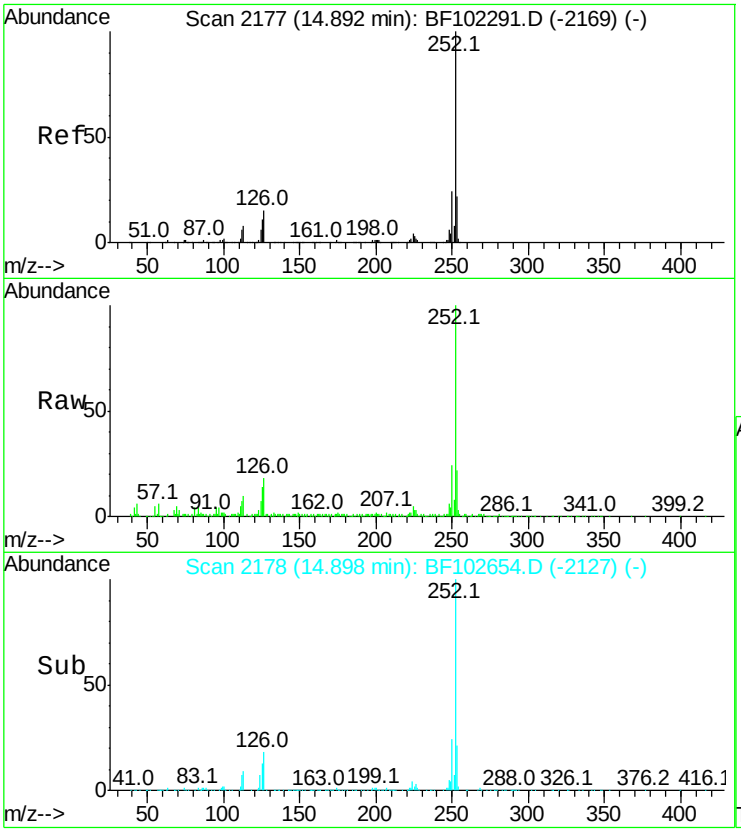


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:264 Resp: 253678

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3



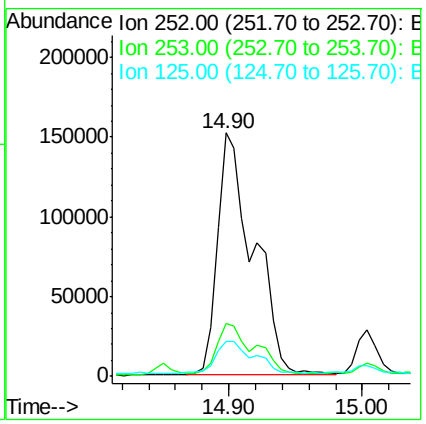


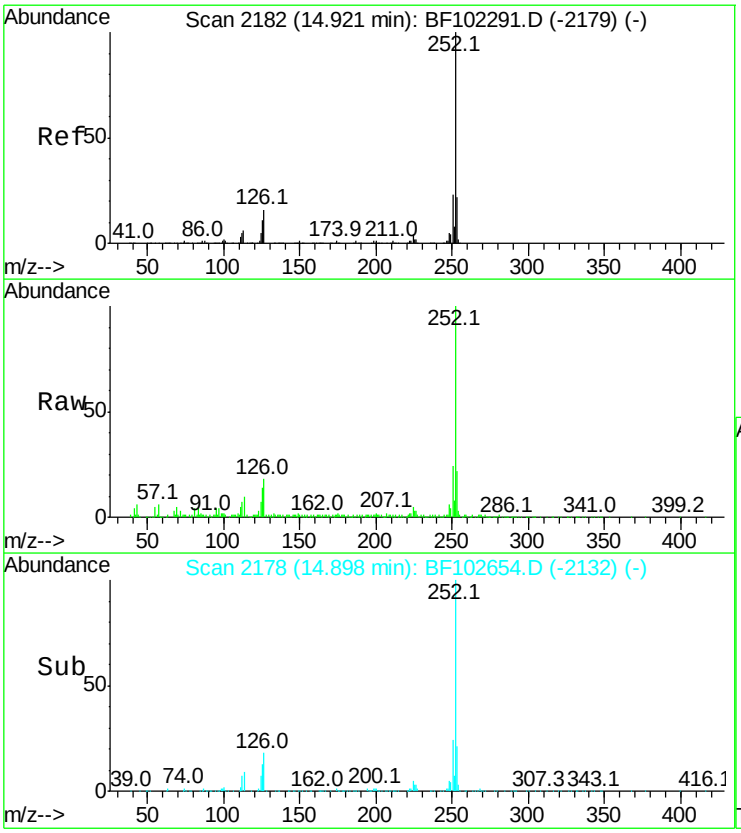
#87
Benzo(b)fluoranthene
Concen: 17.359 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 285423

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	14.2	9.0	13.6#

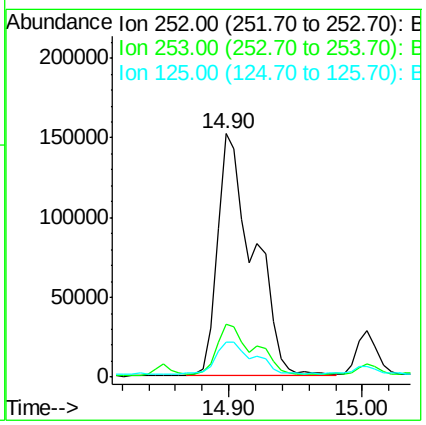


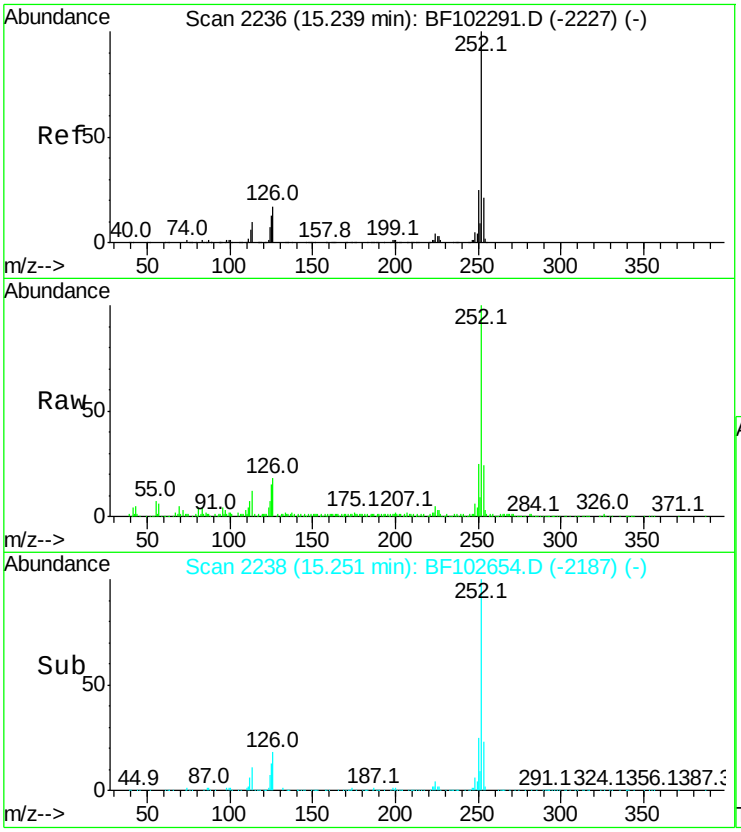


#88
Benzo(k)fluoranthene
Concen: 18.374 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.03 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:252 Resp: 285423

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	14.2	10.2	15.2



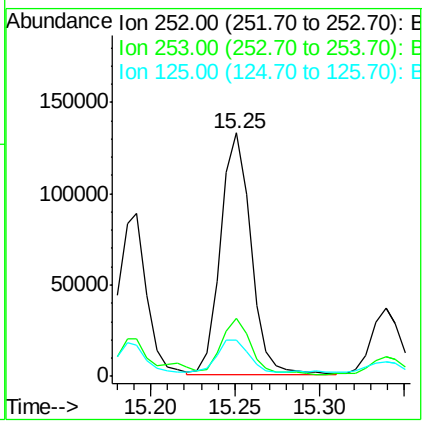


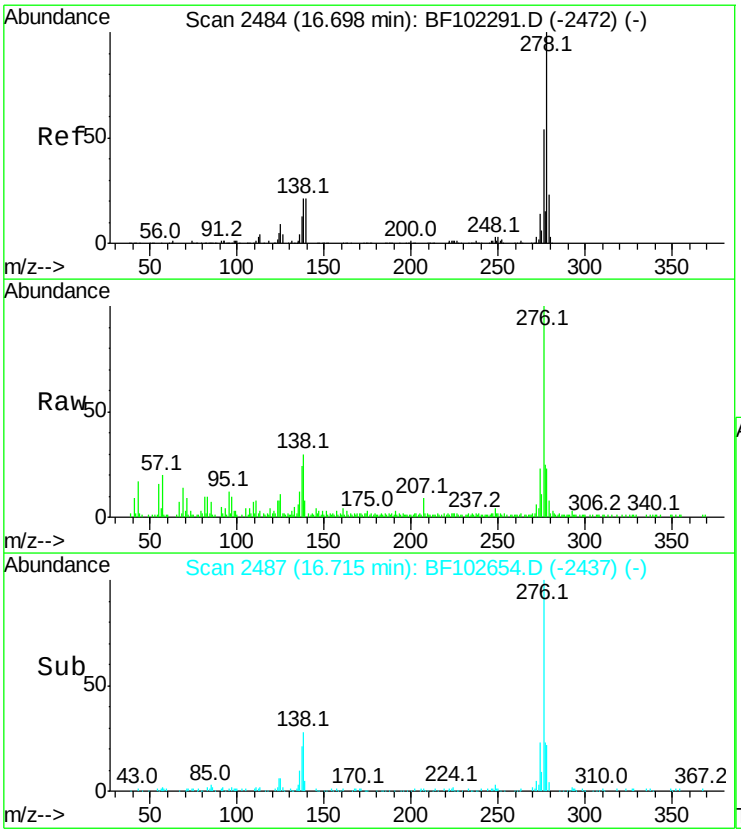
#89
Benzo(a)pyrene
Concen: 11.216 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 166324

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	15.0	9.8	14.6#

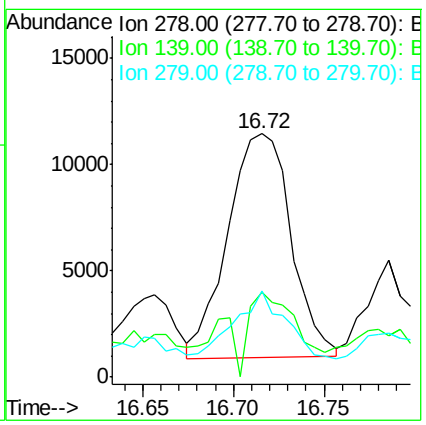


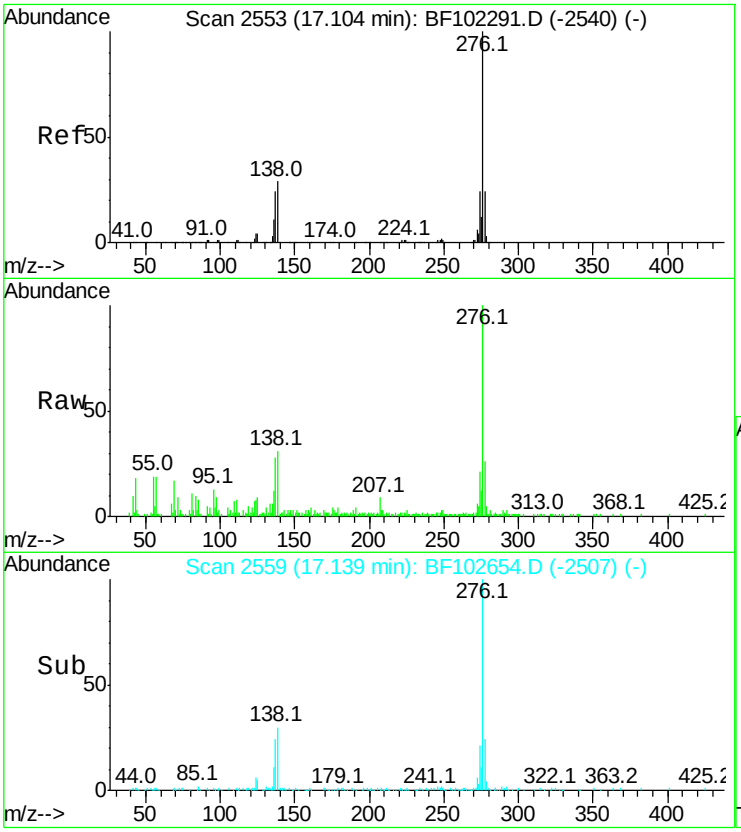


#90
Dibenzo(a,h)anthracene
Concen: 2.124 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Tgt Ion:278 Resp: 25518

Ion	Ratio	Lower	Upper
278	100		
139	34.9	15.9	23.9#
279	35.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 7.678 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF102654.D
Acq: 30 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 91064

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	31.0	21.8	32.8