Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102231.D
Acq On : 19 Jan 2018 21:58
Operator : SJ/JU
Sample : J1018-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 20 00:22:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151550	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	616866	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	263595	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	407568	20.00	ng		0.00
75) Chrysene-d12	13.87	240	266306	20.00	ng		0.00
86) Perylene-d12	15.30	264	273715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	525558	48.97	ng		0.00
7) Phenol-d6	6.35	99	629344	49.15	ng		-0.02
23) Nitrobenzene-d5	7.28	82	378538	36.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	122754	53.36	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	613198	36.34	ng		-0.01
78) Terphenyl-d14	12.83	244	394693	30.77	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.28	82	375887	18.122	ng	#	64
48) Acenaphthylene	9.62	152	60753	2.119	ng		98
49) Dimethylphthalate	9.47	163	111114	5.255	ng		99
57) Fluorene	10.30	166	61771	3.741	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	219	5.749	ng	#	1
70) Phenanthrene	11.26	178	397946	16.715	ng		99
71) Anthracene	11.31	178	108002	4.473	ng		97
74) Fluoranthene	12.45	202	435012	18.572	ng		99
77) Pyrene	12.68	202	453197	19.252	ng		99
80) Benzo(a)anthracene	13.86	228	193732	11.402	ng		93
82) Chrysene	13.90	228	176650	9.971	ng		97
85) Indeno(1,2,3-cd)pyrene	16.68	276	79315	6.151	ng		95
87) Benzo(b)fluoranthene	14.89	252	281770	15.788	ng	#	92
88) Benzo(k)fluoranthene	14.89	252	281770	16.366	ng		95
89) Benzo(a)pyrene	15.24	252	165481	10.304	ng		94
91) Benzo(g,h,i)perylene	17.10	276	75038	5.812	ng		95

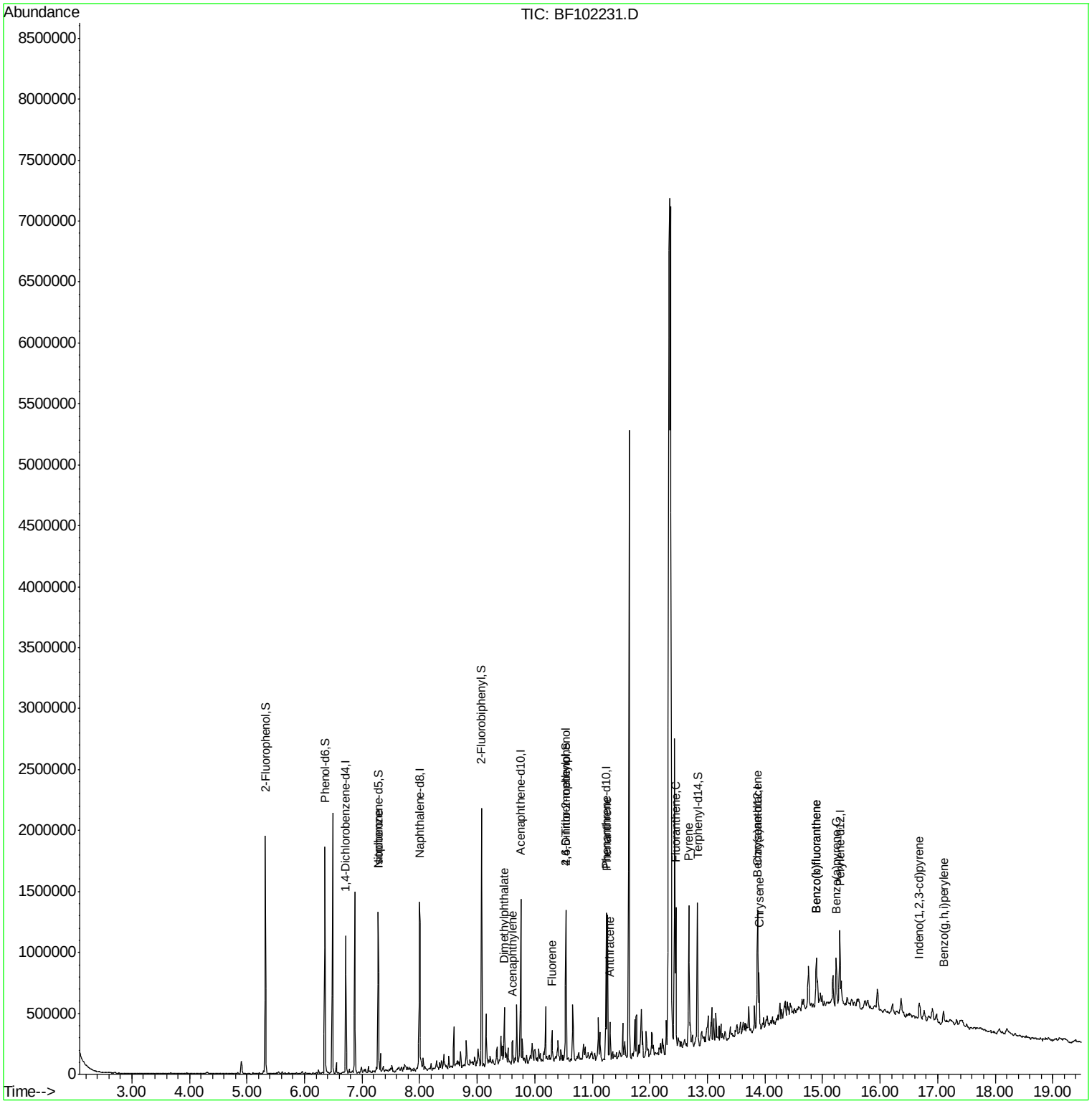
(#) = qualifier out of range (m) = manual integration (+) = signals summed

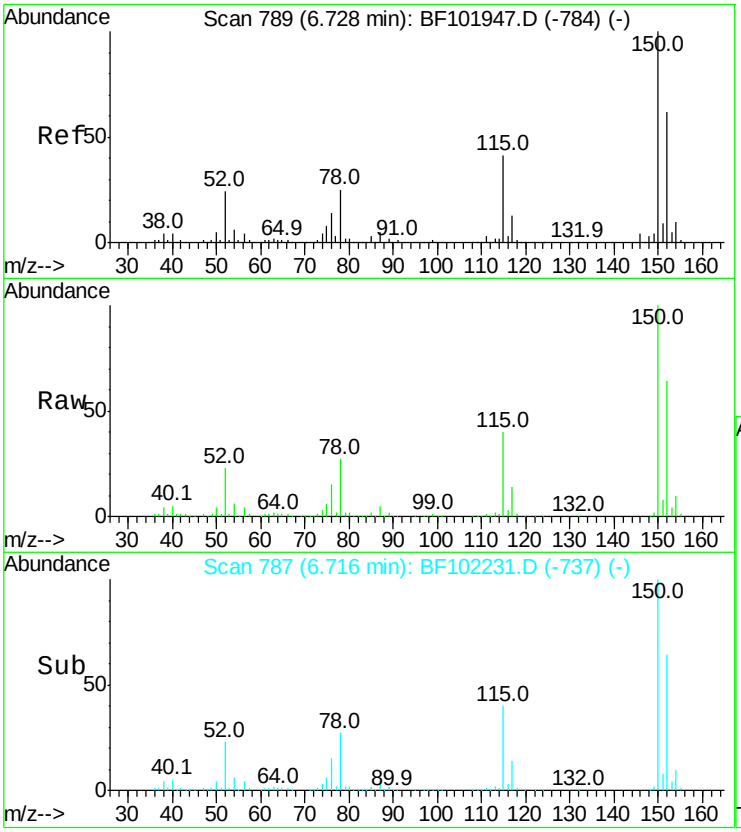
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102231.D
Acq On : 19 Jan 2018 21:58
Operator : SJ/JU
Sample : J1018-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 20 00:22:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration



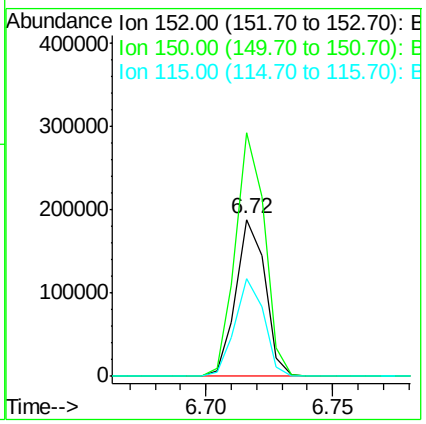


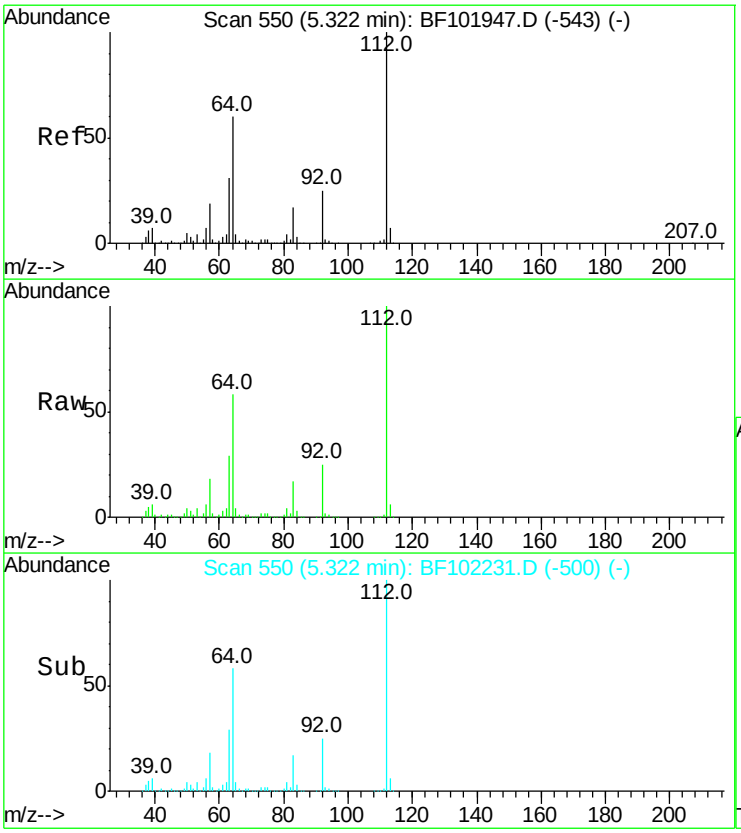
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151550

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	62.7	50.1	75.1

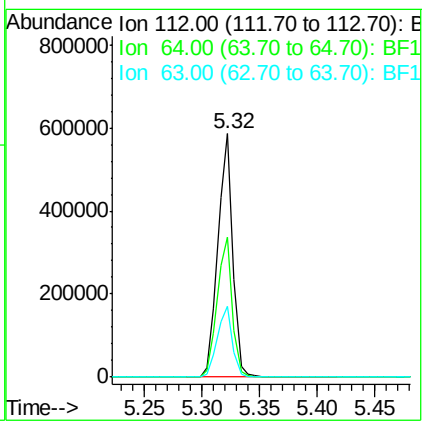


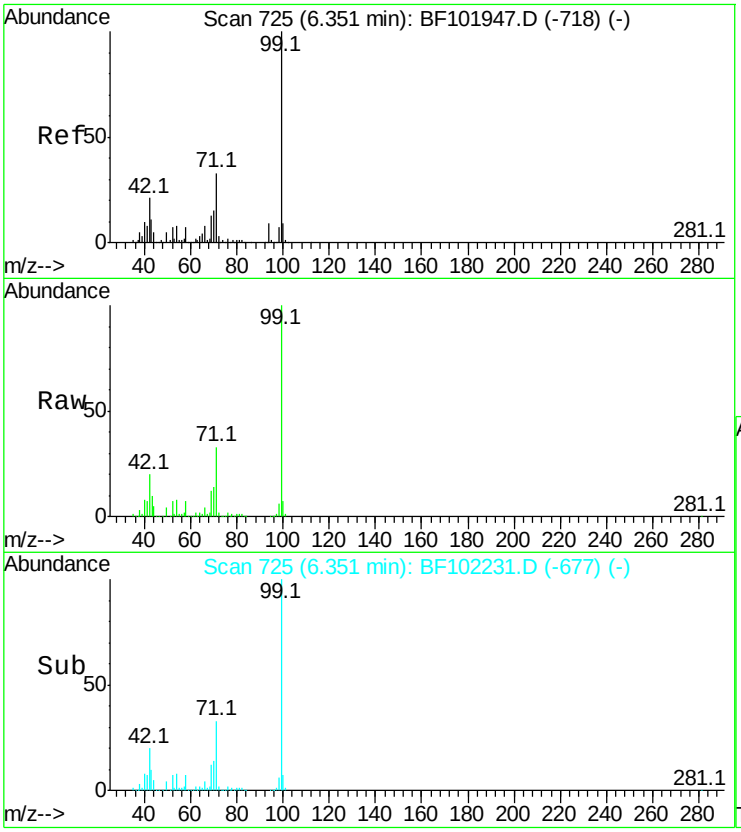


#5
2-Fluorophenol
Concen: 48.969 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:112 Resp: 525558

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.0	23.7	35.5



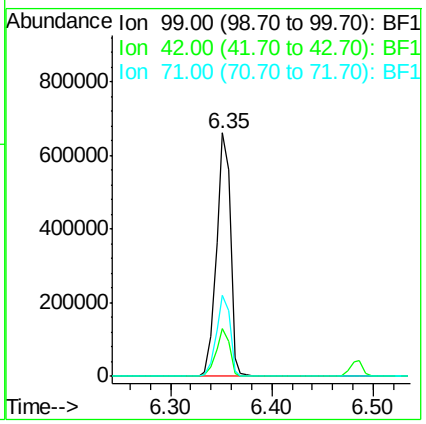


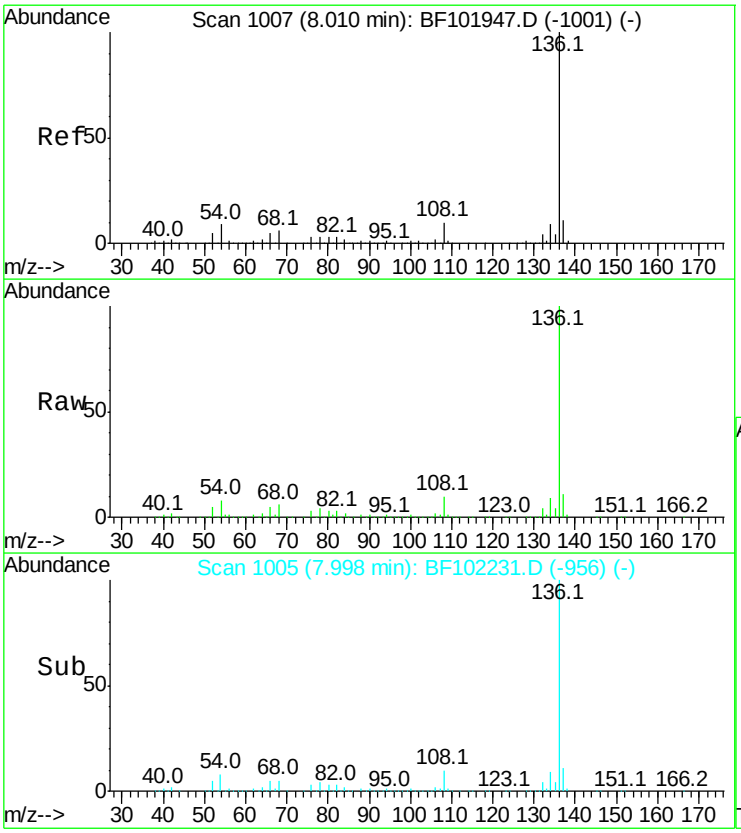
#7
Phenol-d6
Concen: 49.149 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 629344

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	33.5	25.4	38.0

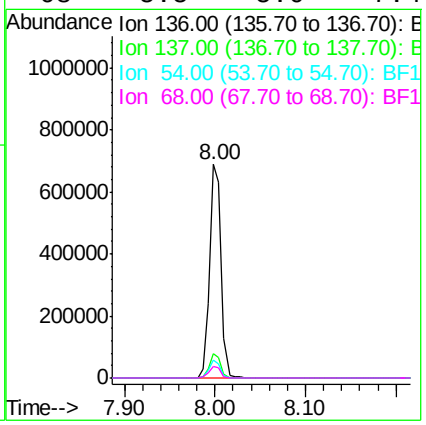


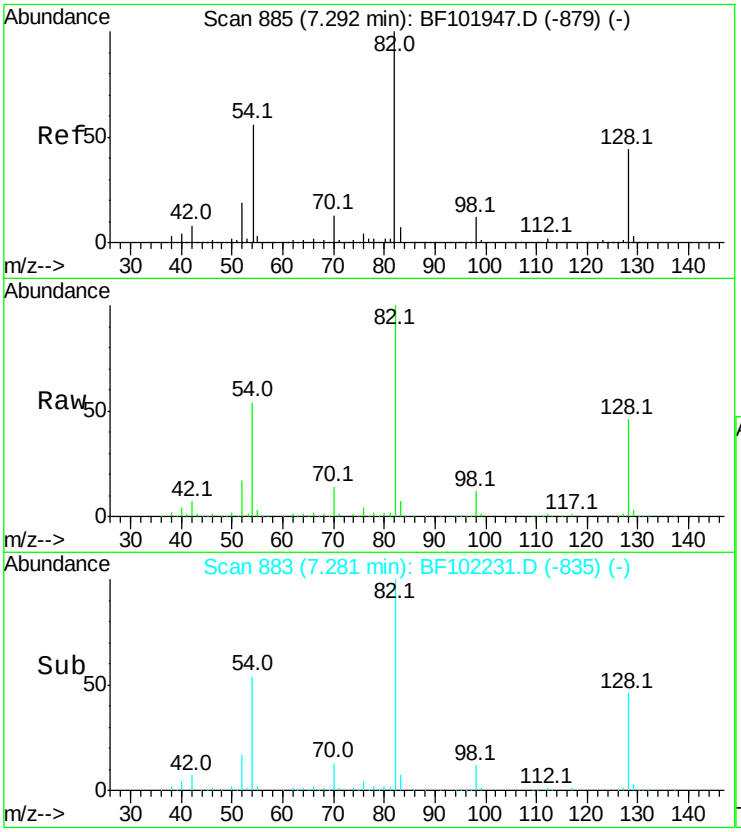


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:136 Resp: 616866

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.6	9.8
68	5.5	5.0	7.4



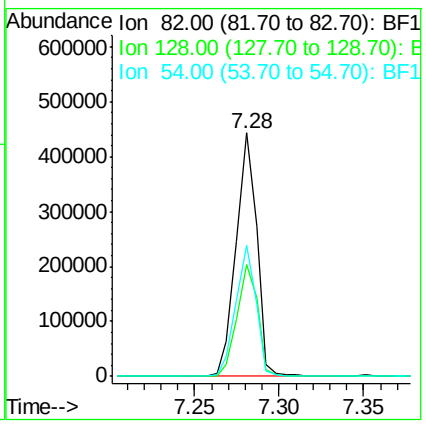


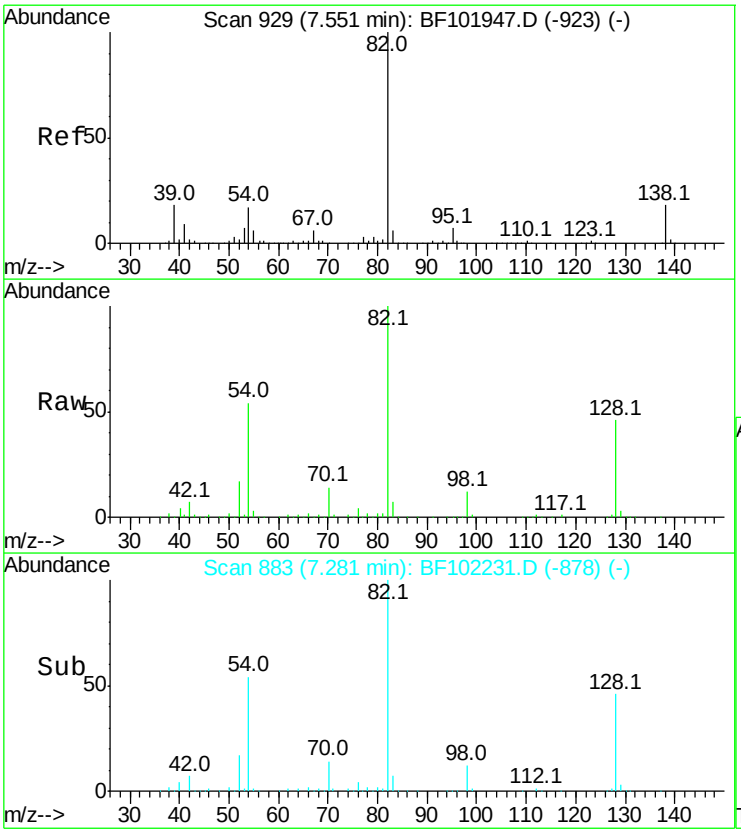
#23
Nitrobenzene-d5
Concen: 36.060 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 378538

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.7	41.4	62.2

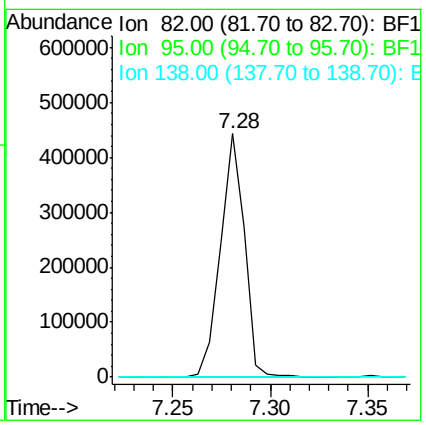


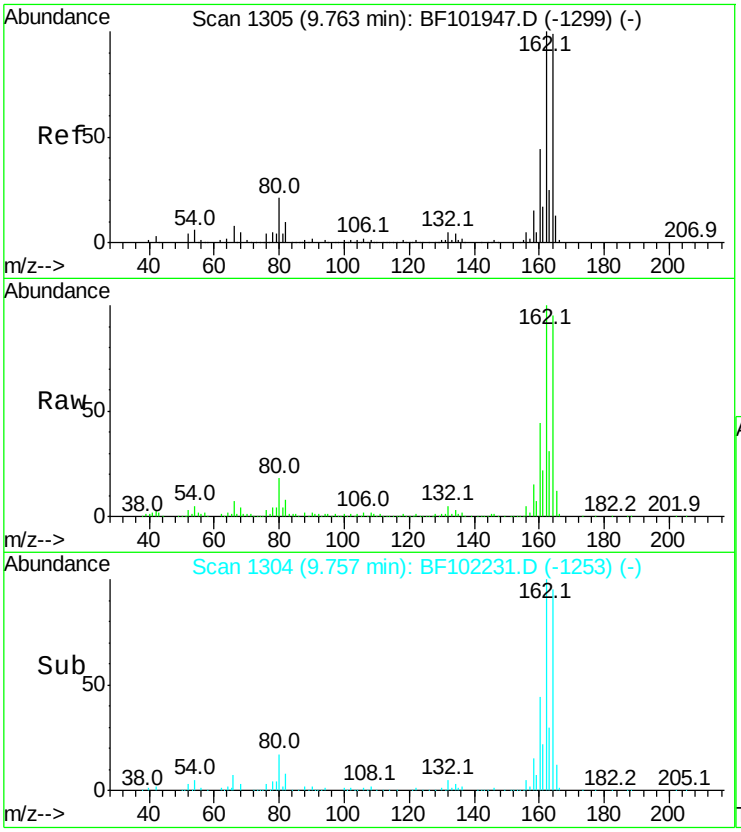


#25
Isophorone
Concen: 18.122 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion: 82 Resp: 375887

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#



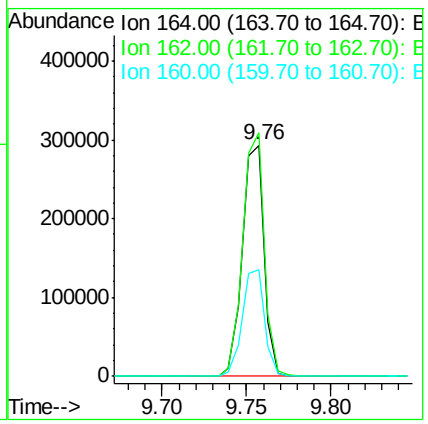


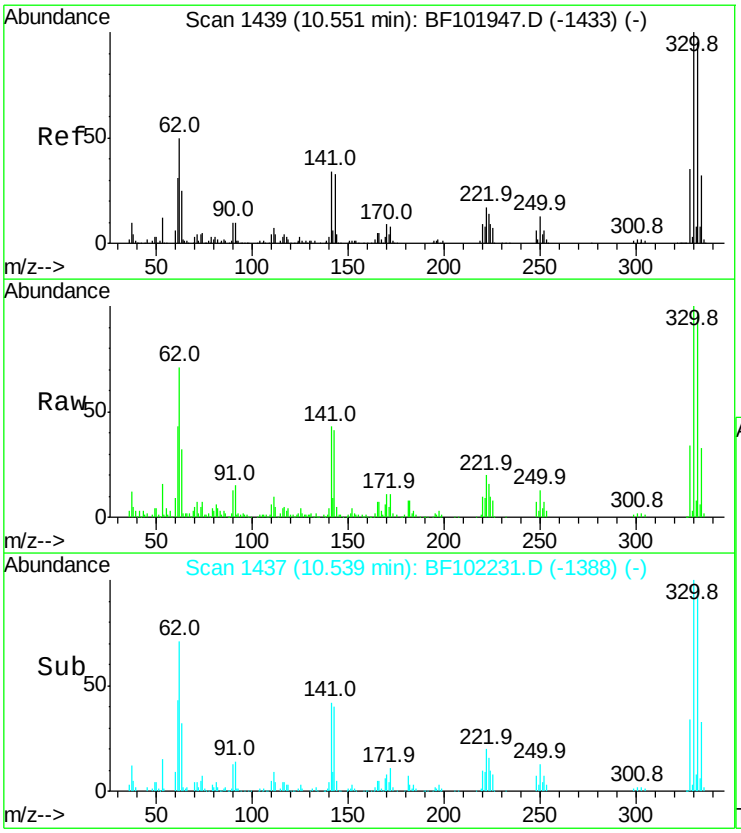
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 263595

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.0	38.3	57.5

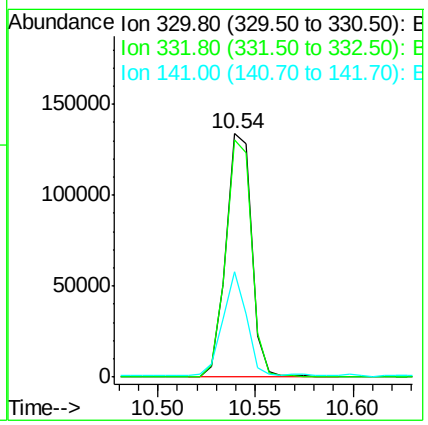


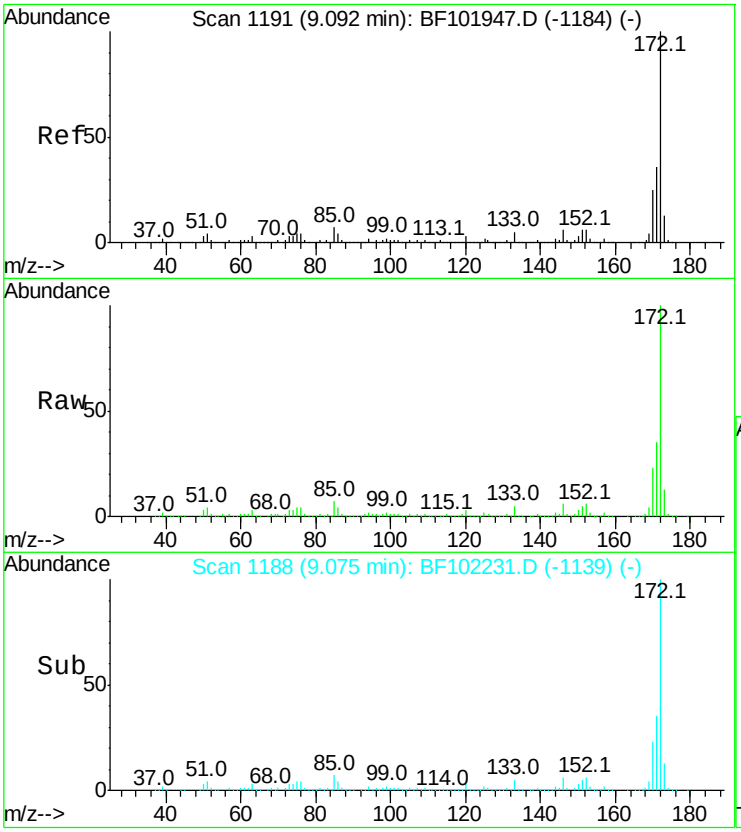


#41
2,4,6-Tribromophenol
Concen: 53.363 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:330 Resp: 122754

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	38.5	29.9	44.9



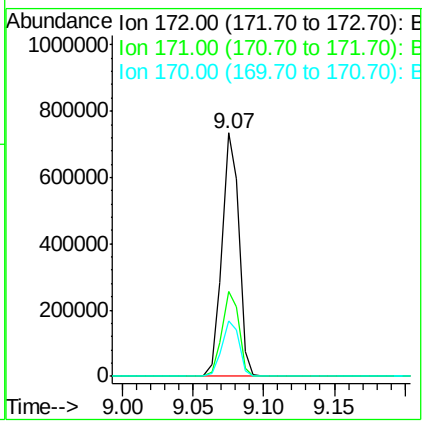


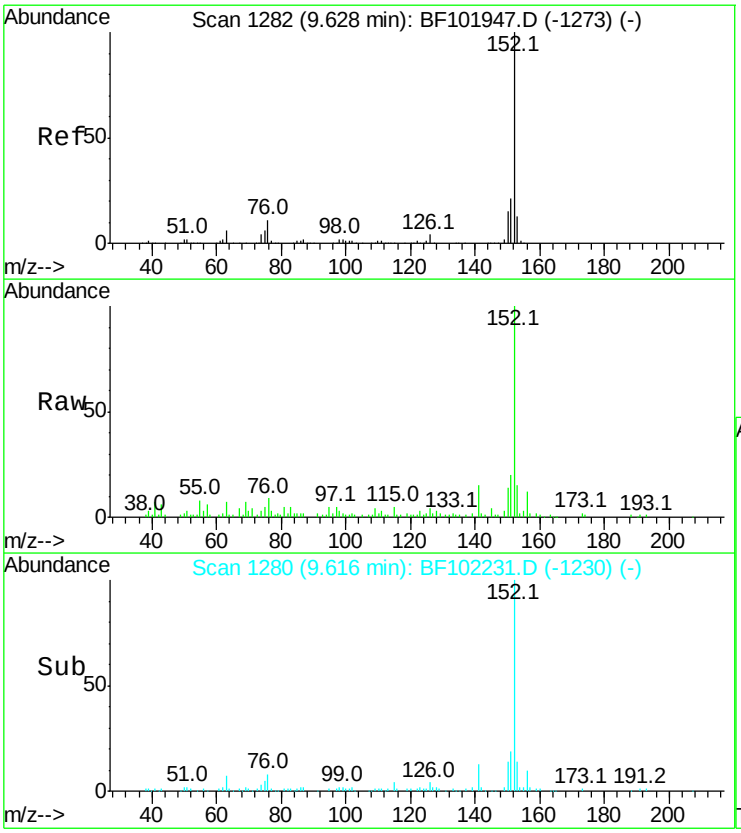
#44
2-Fluorobiphenyl
Concen: 36.343 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 613198

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.0	19.6	29.4

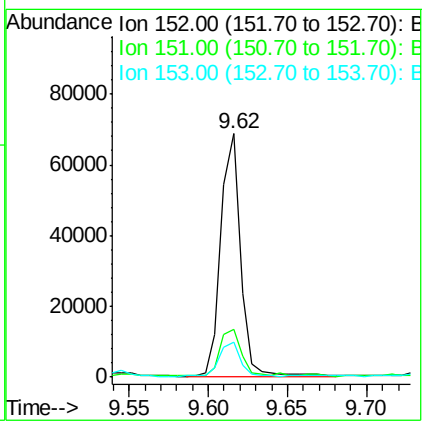


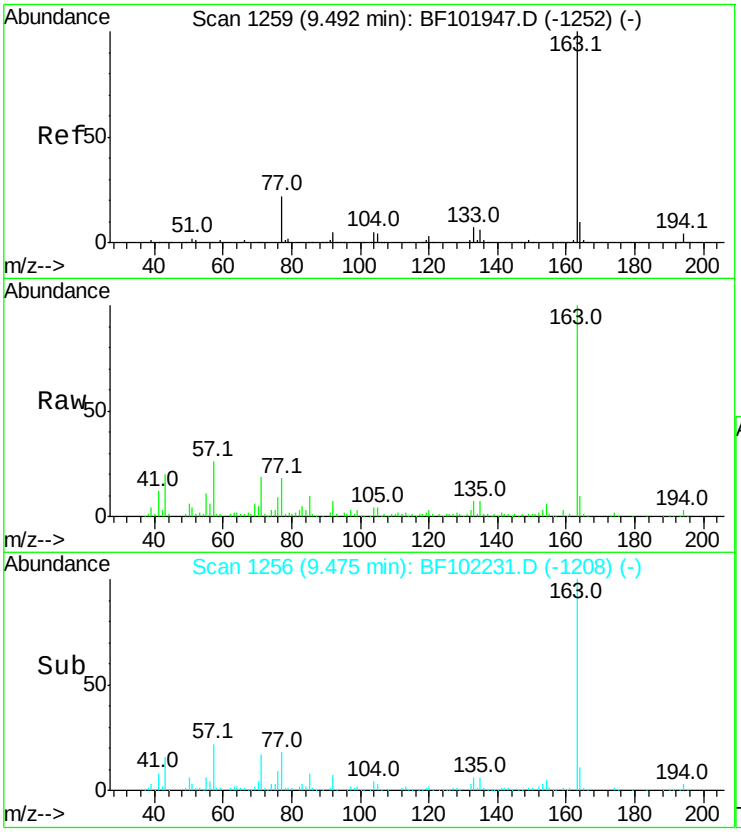


#48
Acenaphthylene
Concen: 2.119 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:152 Resp: 60753

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	14.6	10.7	16.1



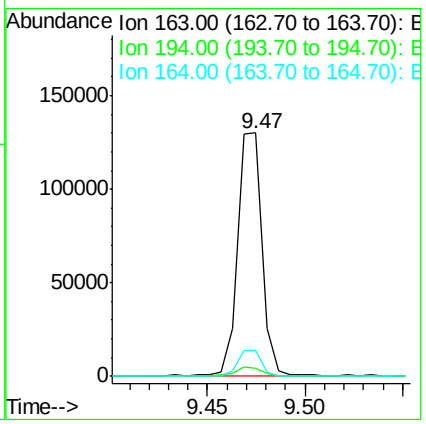


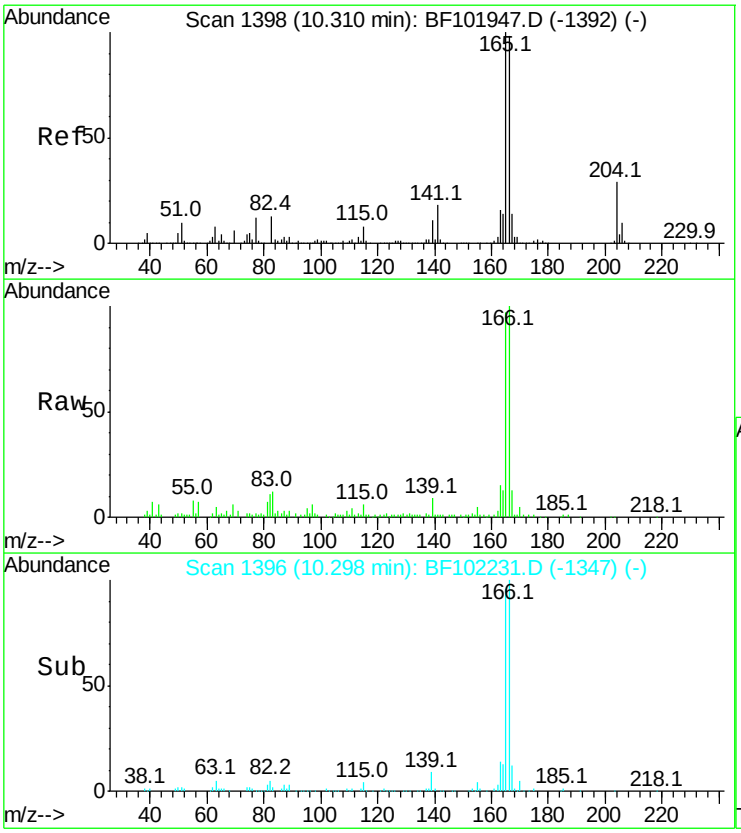
#49
Dimethylphthalate
Concen: 5.255 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 111114

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

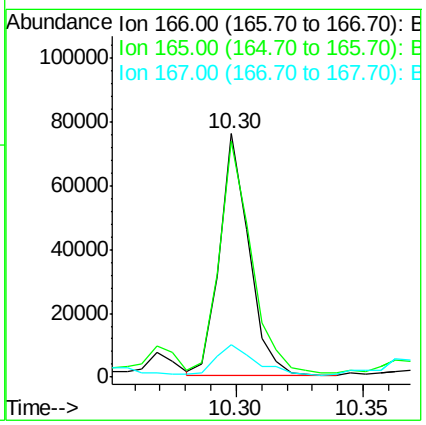


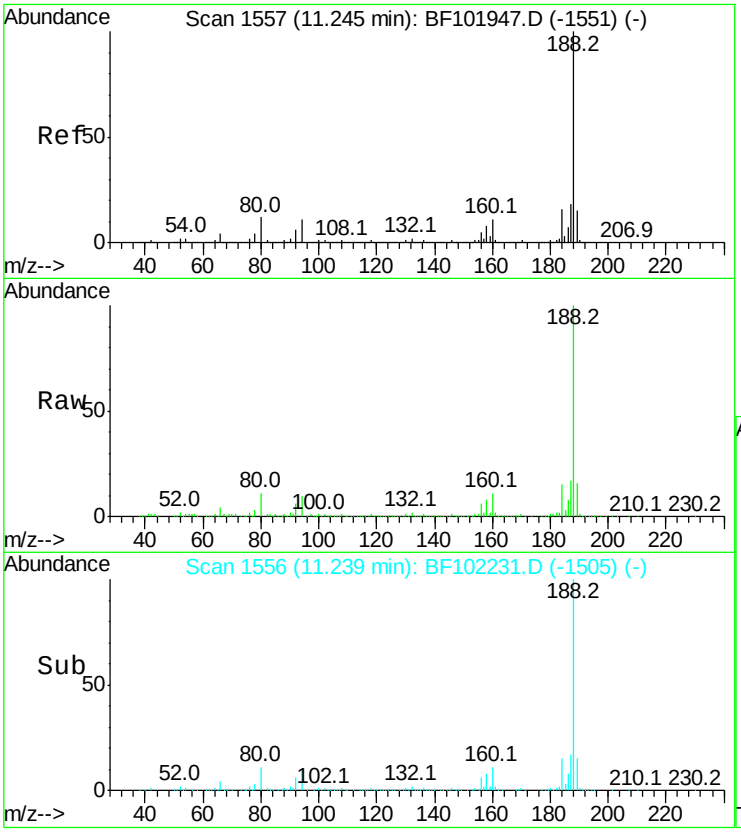


#57
Fluorene
Concen: 3.741 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:166 Resp: 61771

Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.8
167	13.1	10.6	16.0



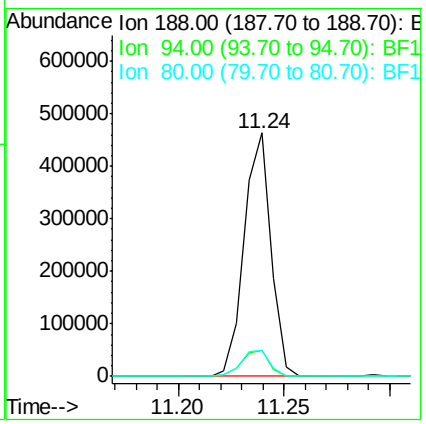


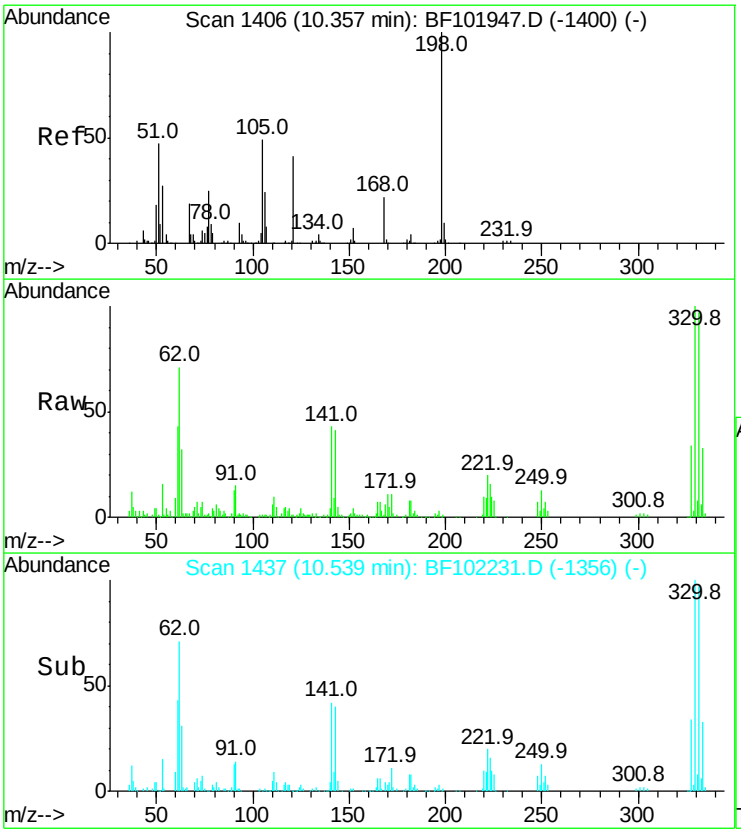
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 407568

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.9	9.2	13.8

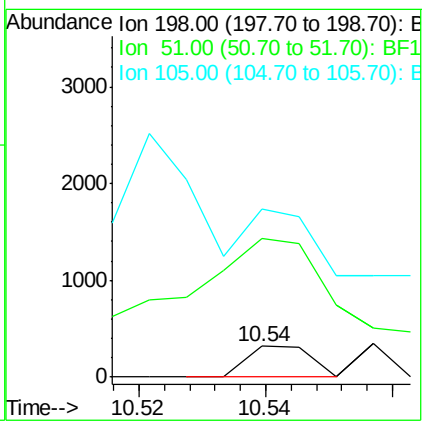


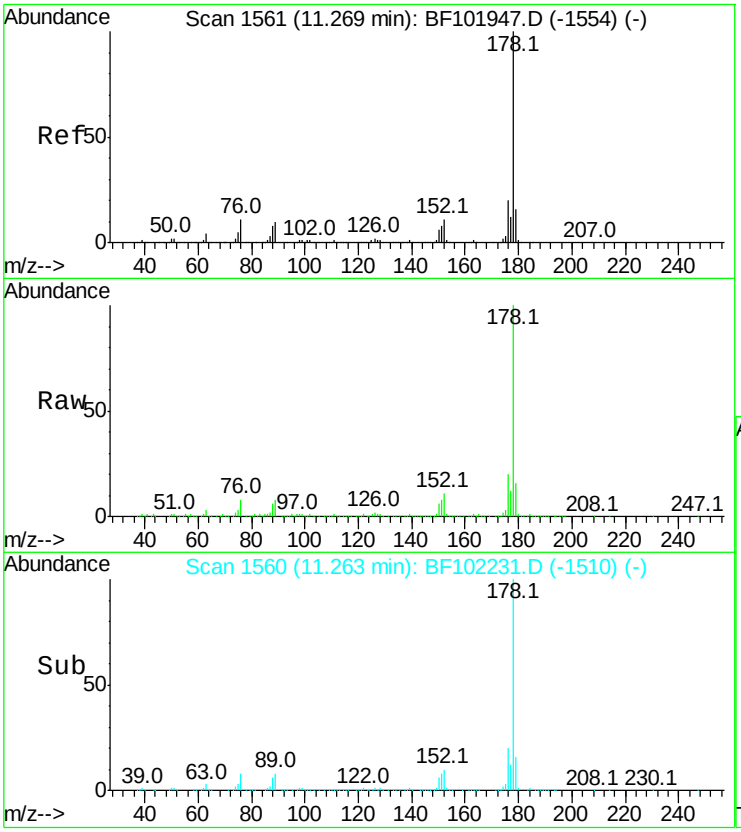


#64
4,6-Dinitro-2-methylphenol
Concen: 5.749 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:198 Resp: 219

Ion	Ratio	Lower	Upper
198	100		
51	452.7	37.7	77.7#
105	548.3	36.3	76.3#



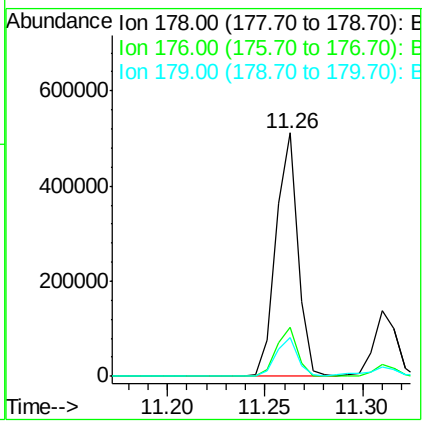


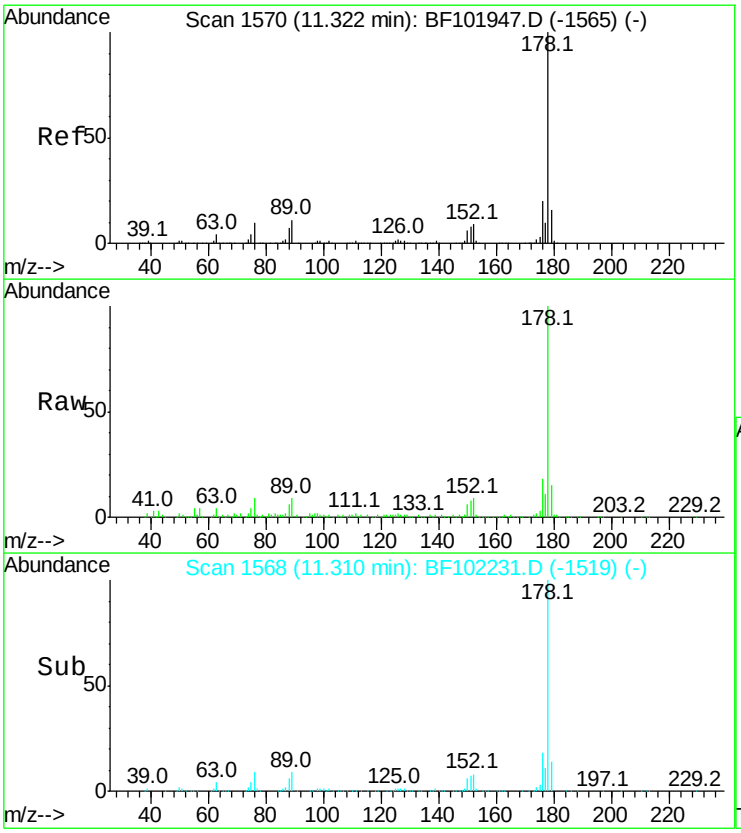
#70
Phenanthrene
Concen: 16.715 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 397946

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.7	13.0	19.6

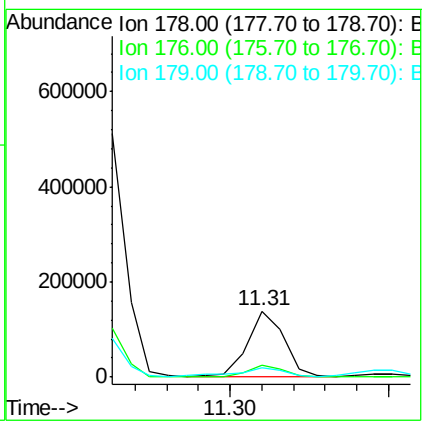


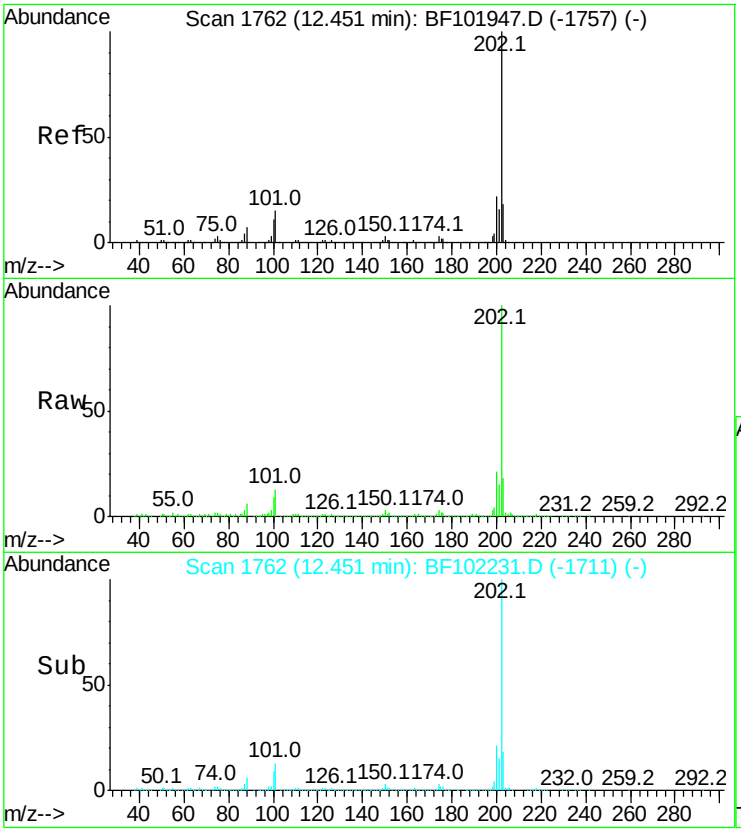


#71
Anthracene
Concen: 4.473 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:178 Resp: 108002

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	14.8	12.6	19.0



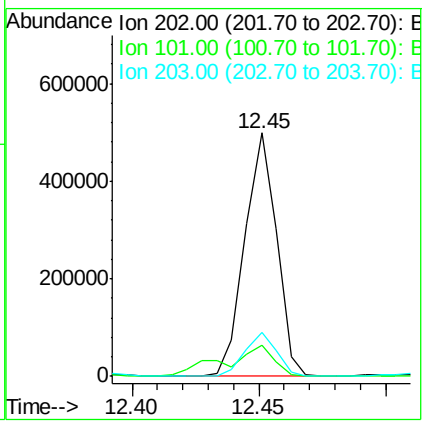


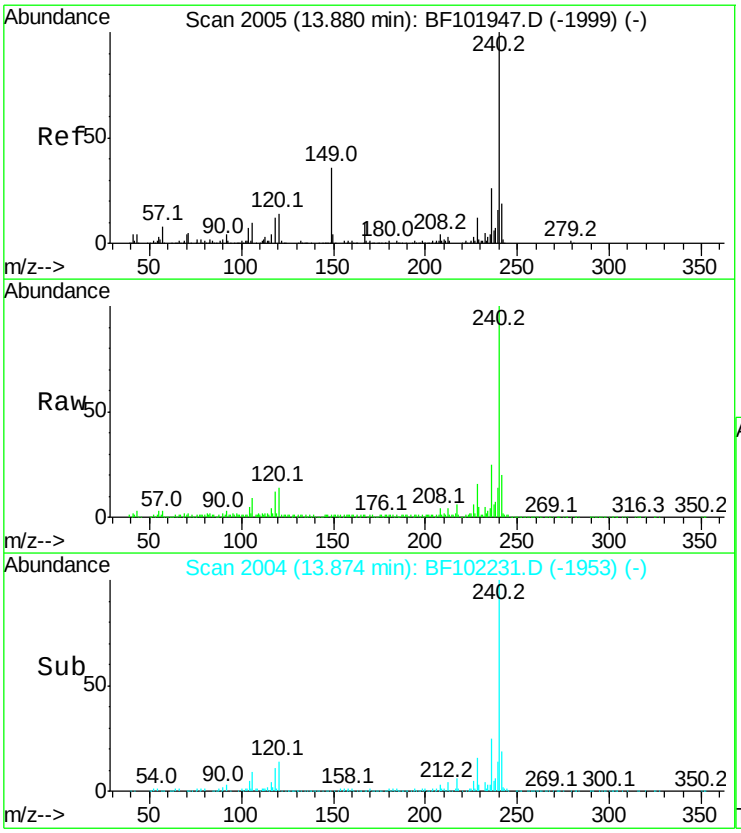
#74
Fluoranthene
Concen: 18.572 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 435012

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.1	0.0	38.1

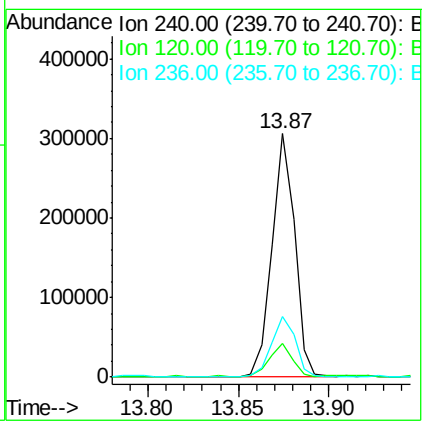


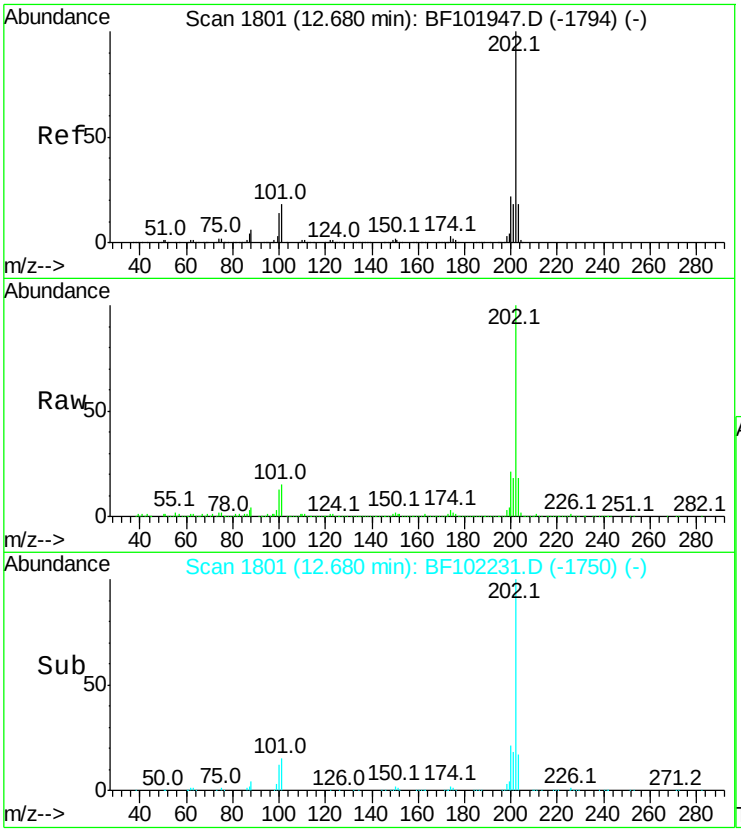


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:240 Resp: 266306

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.1	20.7	31.1



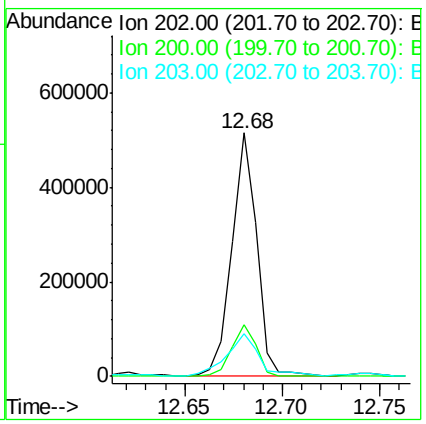


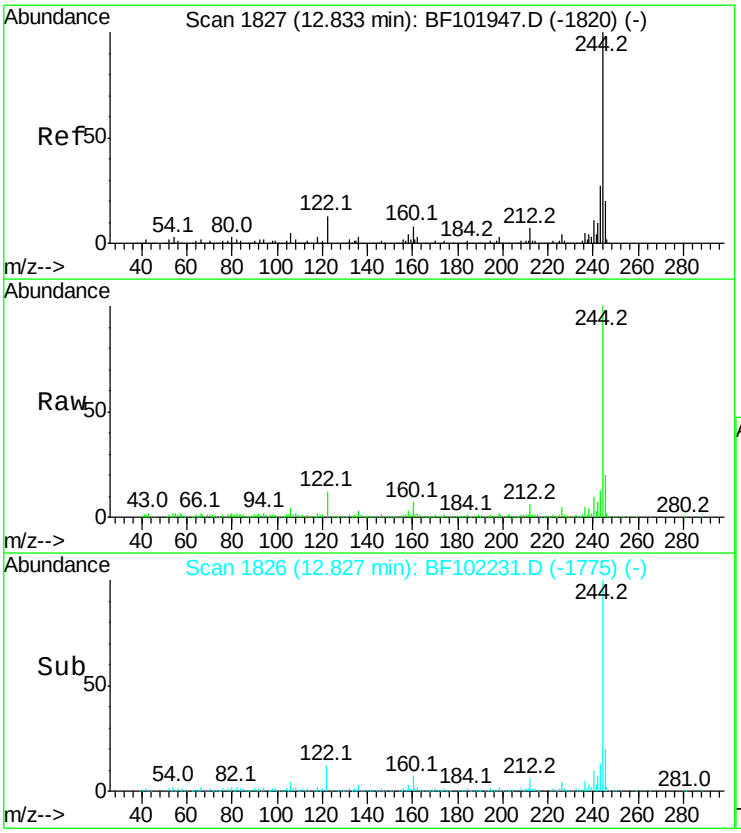
#77
Pyrene
Concen: 19.252 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 453197

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.7	14.3	21.5

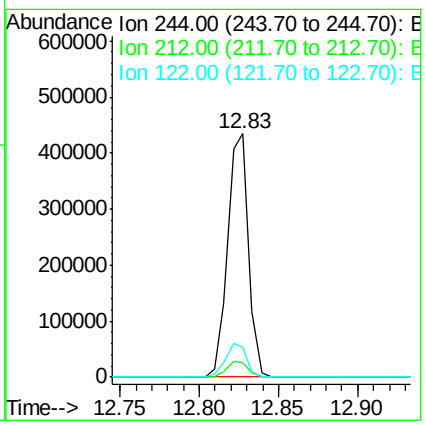


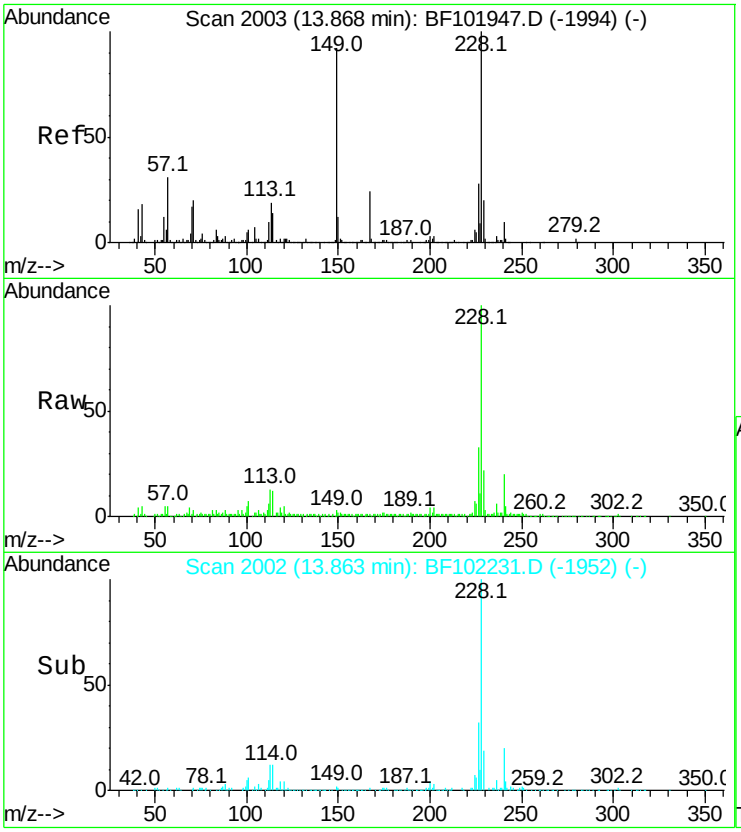


#78
Terphenyl-d14
Concen: 30.772 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:244 Resp: 394693

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	12.2	11.0	16.4



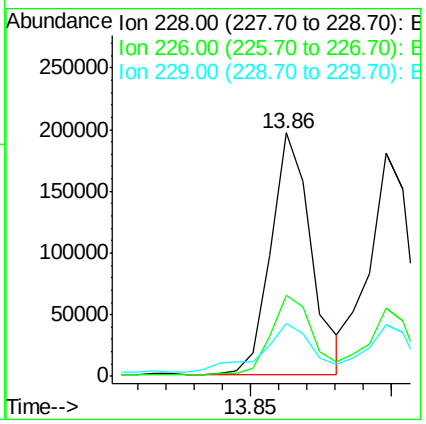


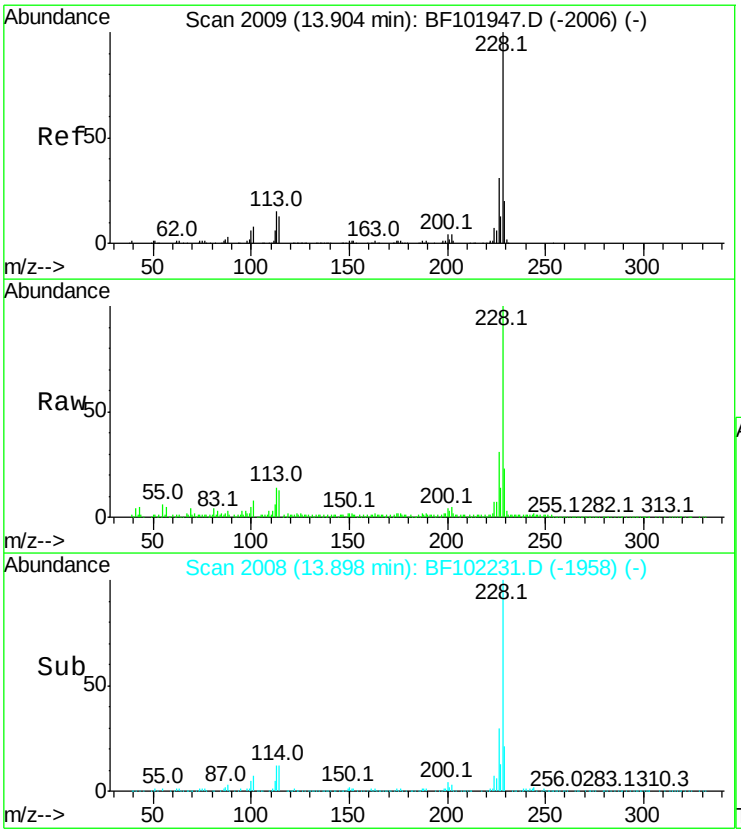
#80
Benzo(a)anthracene
Concen: 11.402 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 193732

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	21.6	15.8	23.6

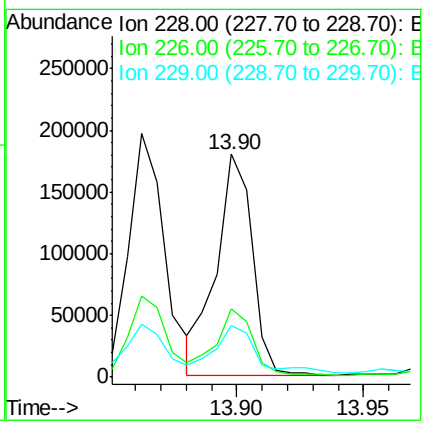


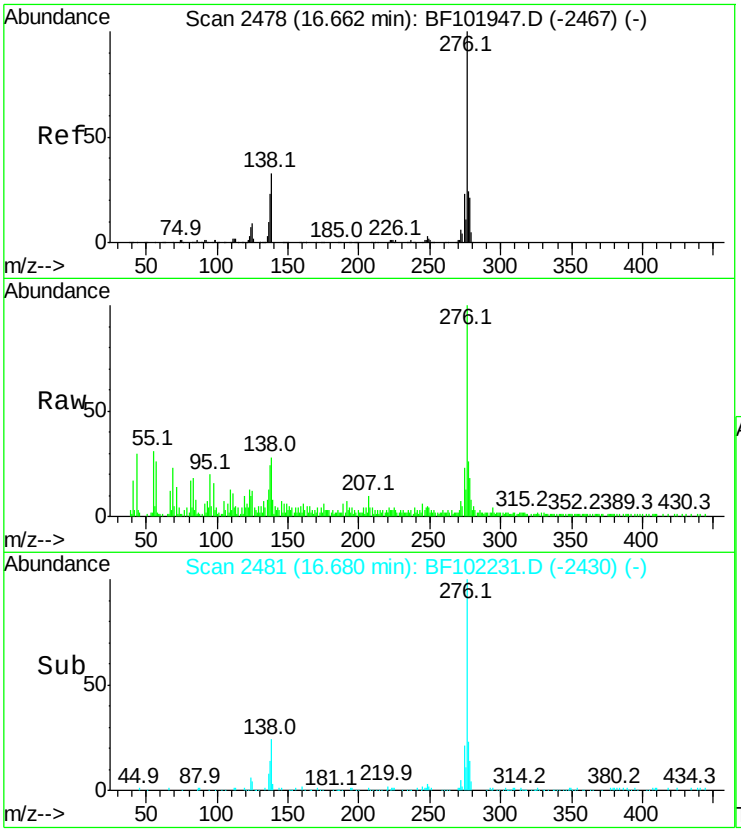


#82
Chrysene
Concen: 9.971 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:228 Resp: 176650

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.3	16.2	24.4



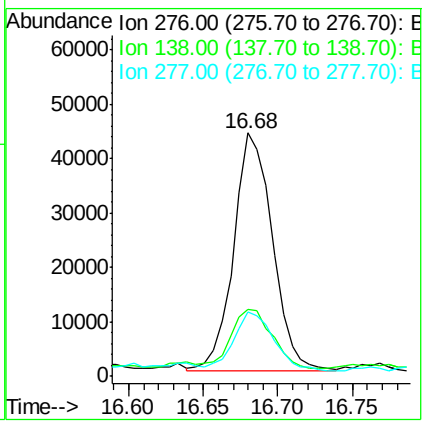


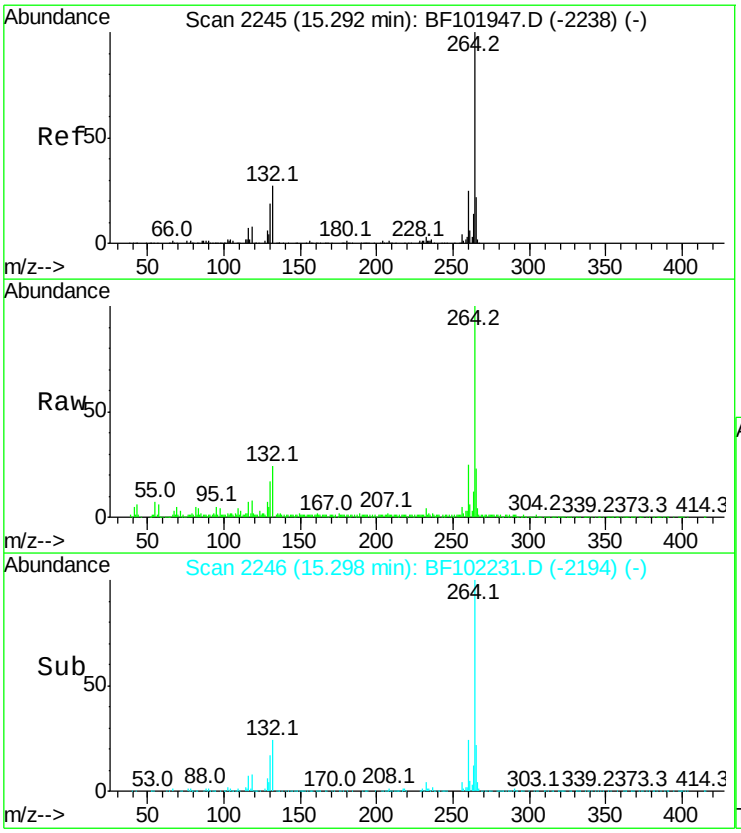
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.151 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 79315

Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	25.9	20.1	30.1

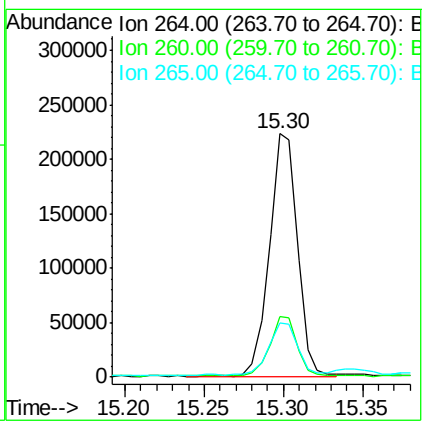


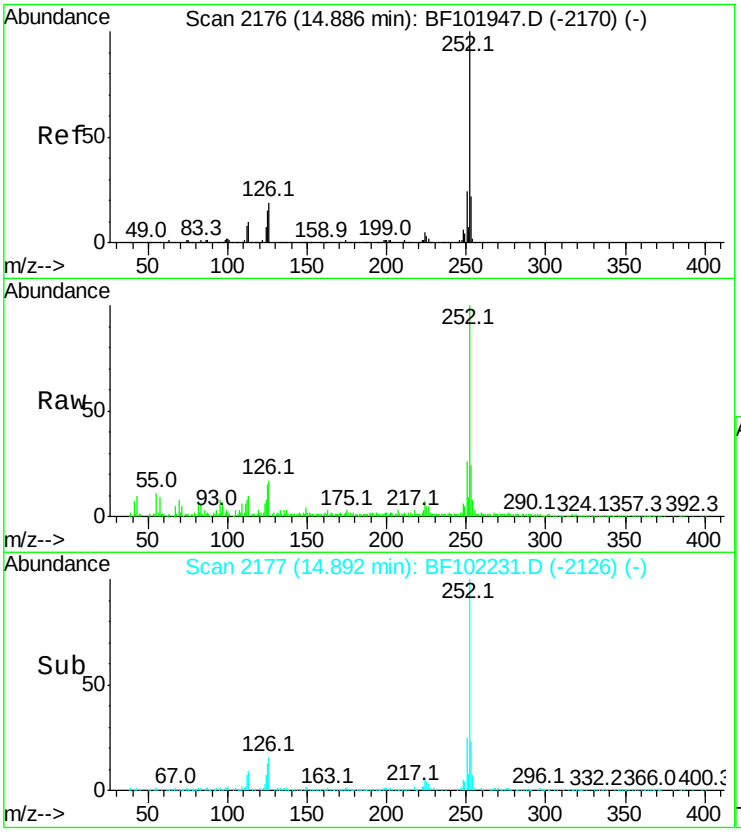


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:264 Resp: 273715

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3



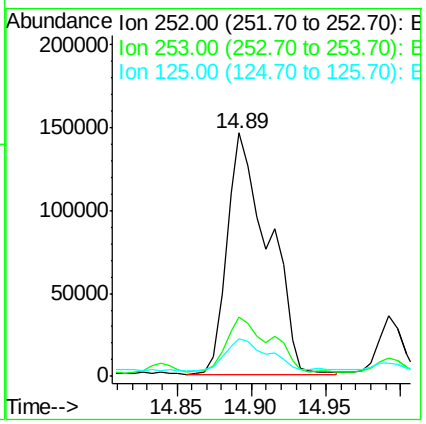


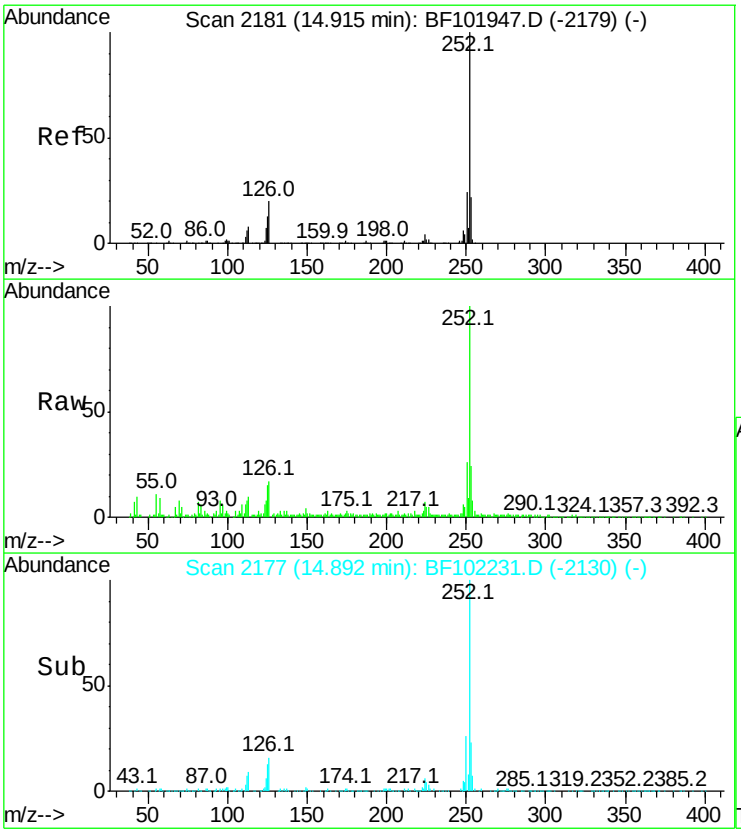
#87
Benzo(b)fluoranthene
Concen: 15.788 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 281770

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	15.2	9.0	13.6#

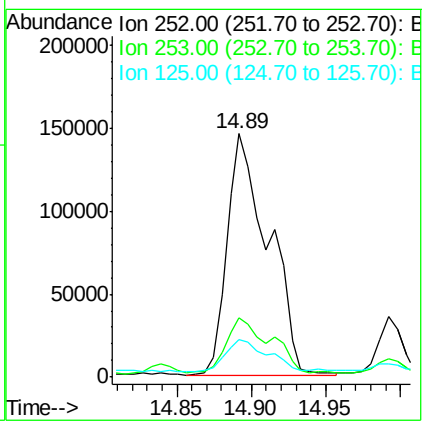


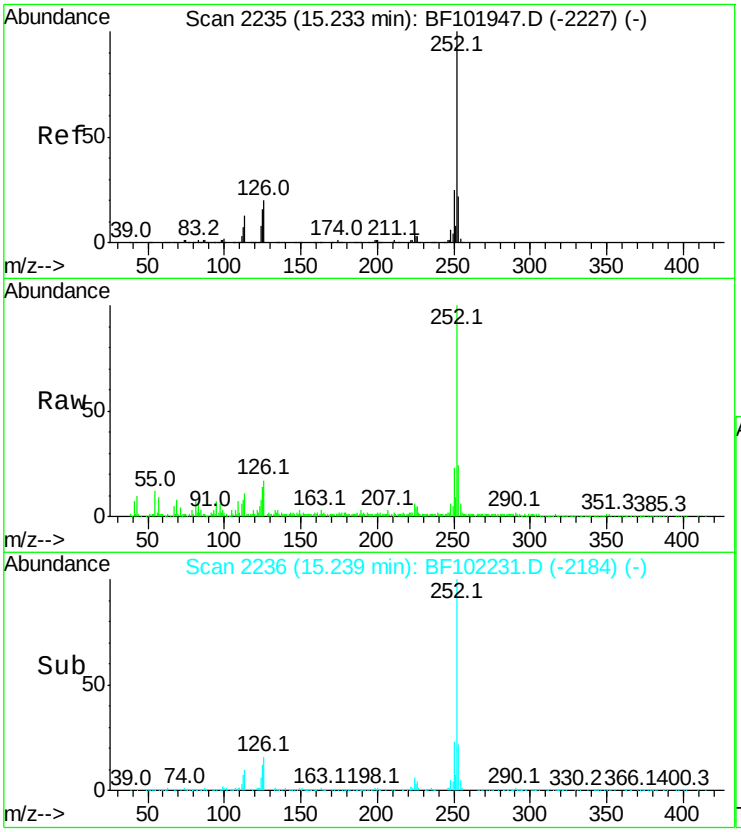


#88
Benzo(k)fluoranthene
Concen: 16.366 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:252 Resp: 281770

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	15.2	10.2	15.2



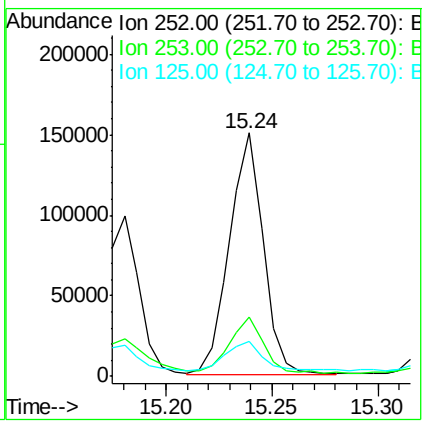


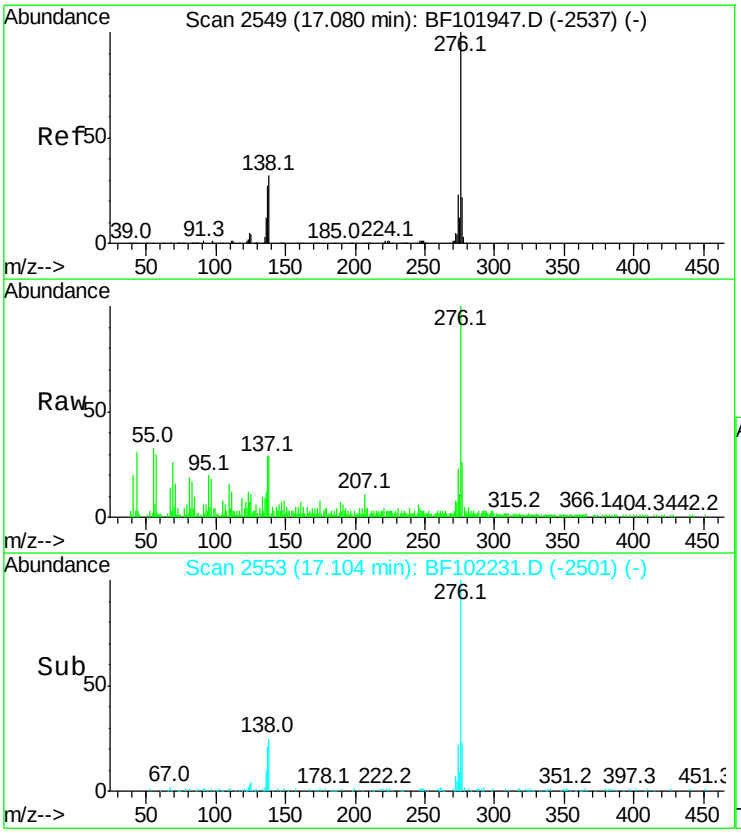
#89
Benzo(a)pyrene
Concen: 10.304 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 165481

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	14.2	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.812 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF102231.D
Acq: 19 Jan 2018 21:58

Tgt Ion:276 Resp: 75038

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	29.0	21.8	32.8