Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
Data File : BF106451.D
Acq On : 14 Jun 2018 19:17
Operator : JU/SJ
Sample : J3488-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-RO-3091

Quant Time: Jun 15 01:12:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131246	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	492524	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	210064	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	340246	20.00	ng		0.00
75) Chrysene-d12	14.15	240	335796	20.00	ng		0.00
86) Perylene-d12	15.69	264	248398	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	723673	93.32	ng		0.00
7) Phenol-d6	6.61	99	875899	89.40	ng		0.00
23) Nitrobenzene-d5	7.52	82	565652	67.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	188155	93.09	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	884734	70.81	ng		0.00
78) Terphenyl-d14	13.08	244	779443	57.65	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	16484	2.218	ng		83
19) n-Nitroso-di-n-propylamine	7.52	70	76742	10.441	ng	#	74
25) Isophorone	7.52	82	565741	34.596	ng	#	64
49) Dimethylphthalate	9.71	163	103956	6.927	ng	#	99
56) 2,4-Dinitrotoluene	10.01	165	27140	7.050	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	401	6.485	ng	#	13
66) 4-Bromophenyl-phenylether	10.80	248	12672	3.275	ng	#	1
70) Phenanthrene	11.52	178	41980	2.519	ng		99
74) Fluoranthene	12.71	202	349497	19.667	ng		97
77) Pyrene	12.95	202	317308	15.093	ng		99
80) Benzo(a)anthracene	14.14	228	117449	5.877	ng		99
82) Chrysene	14.18	228	233657	12.807	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	37216	2.556	ng	#	90
87) Benzo(b)fluoranthene	15.23	252	259329	17.271	ng		97
88) Benzo(k)fluoranthene	15.23	252	259329	17.439	ng		98
89) Benzo(a)pyrene	15.62	252	67657	5.010	ng		98
91) Benzo(g,h,i)perylene	17.72	276	30571	2.794	ng	#	91

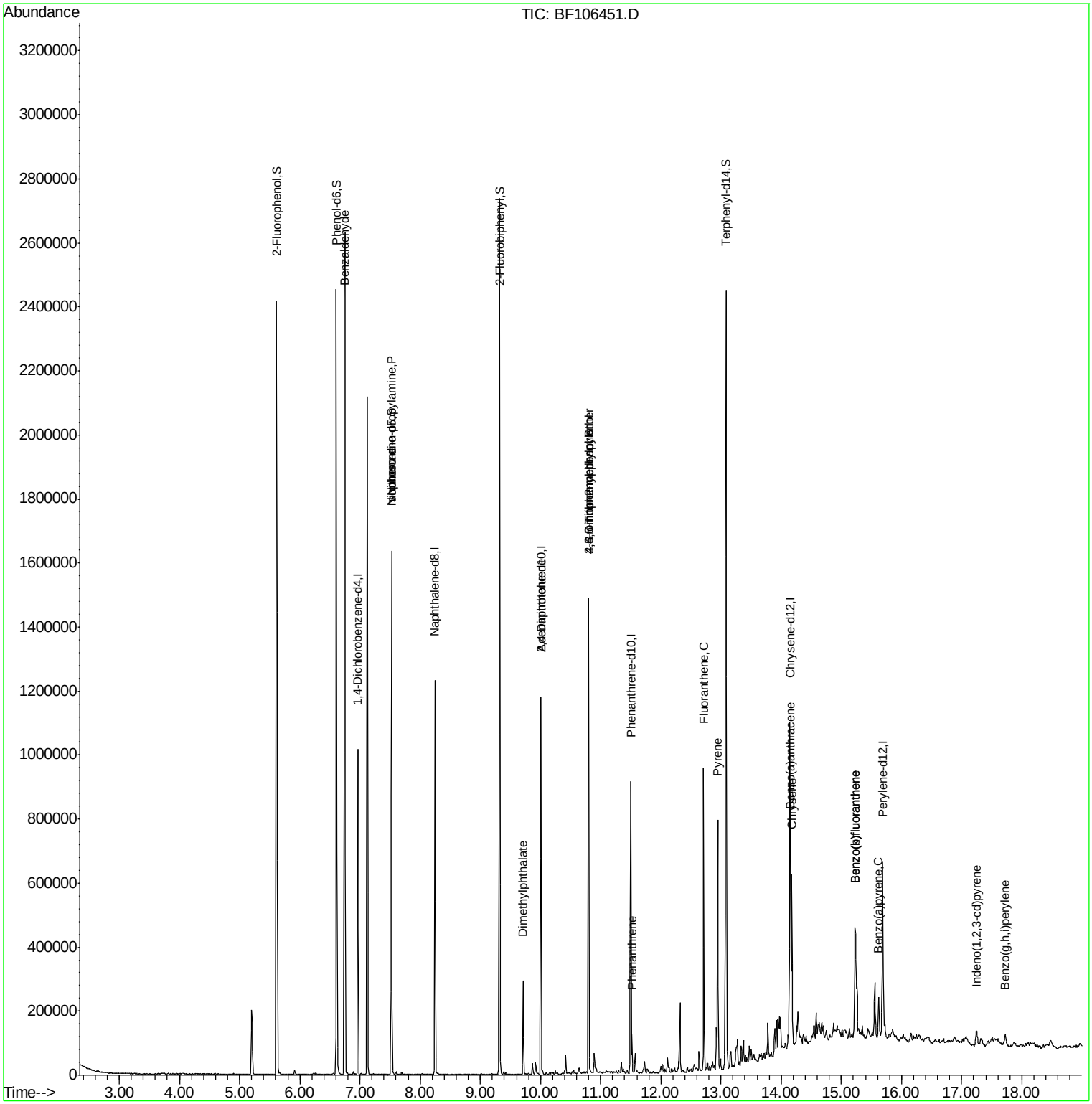
(#) = qualifier out of range (m) = manual integration (+) = signals summed

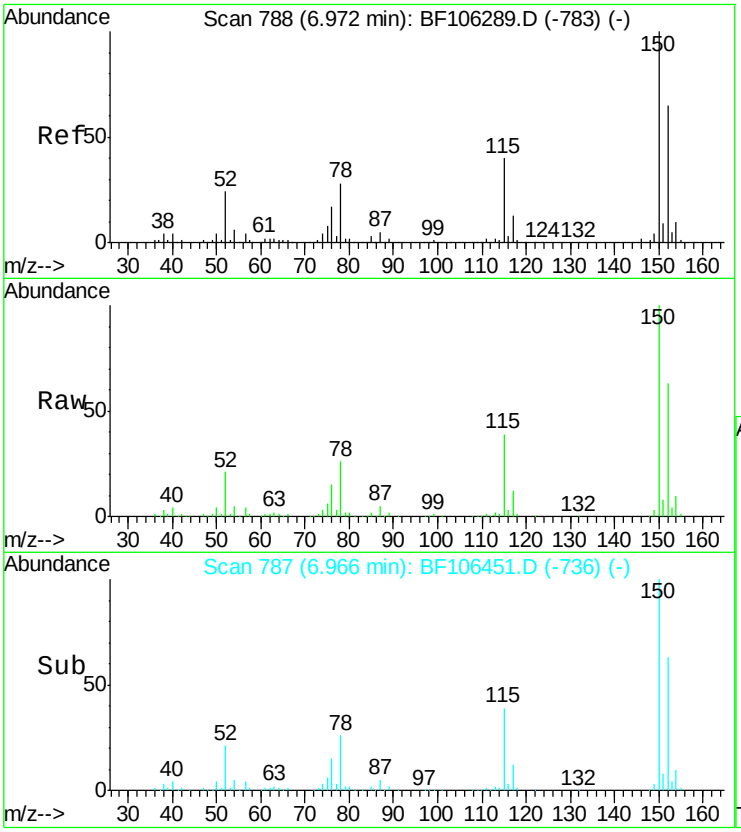
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
Data File : BF106451.D
Acq On : 14 Jun 2018 19:17
Operator : JU/SJ
Sample : J3488-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Quant Time: Jun 15 01:12:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration



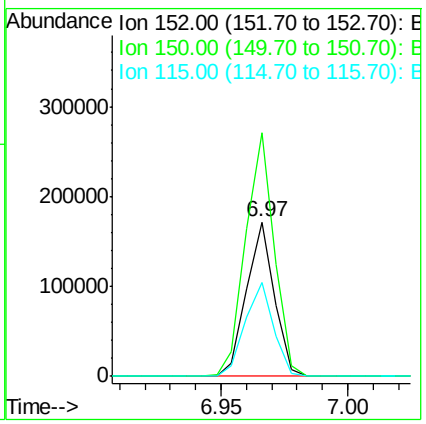


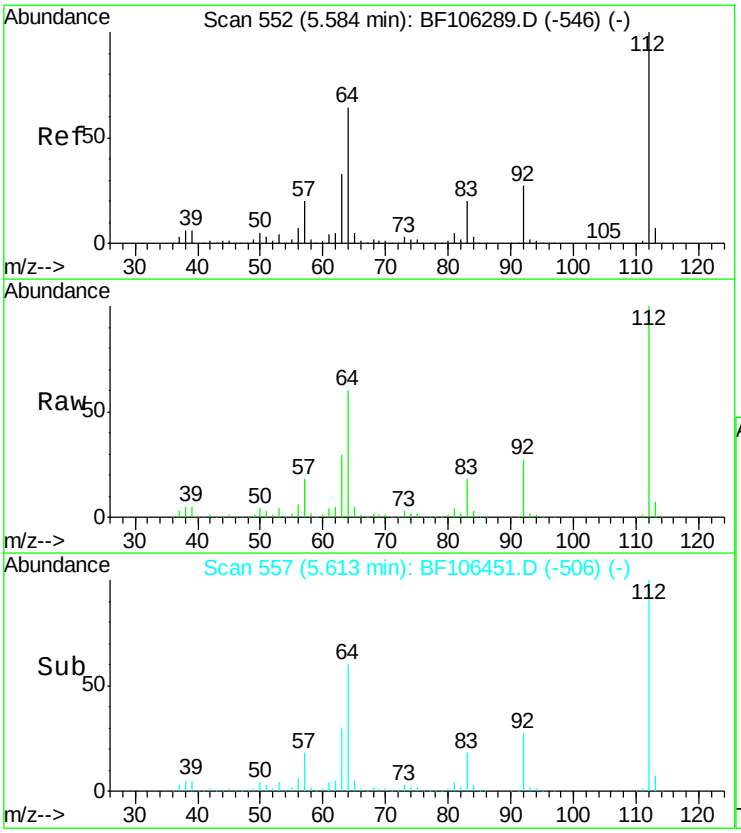
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:152 Resp: 131246

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.2	50.1	75.1

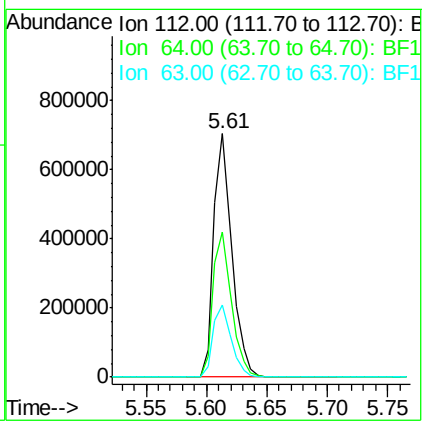


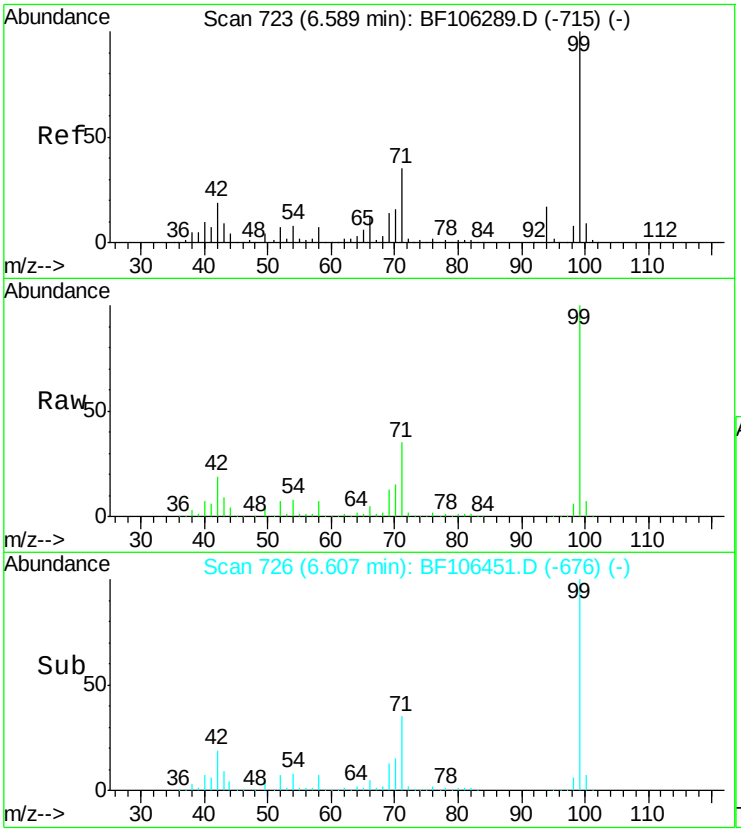


#5
2-Fluorophenol
Concen: 93.322 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:112 Resp: 723673

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	29.6	23.7	35.5



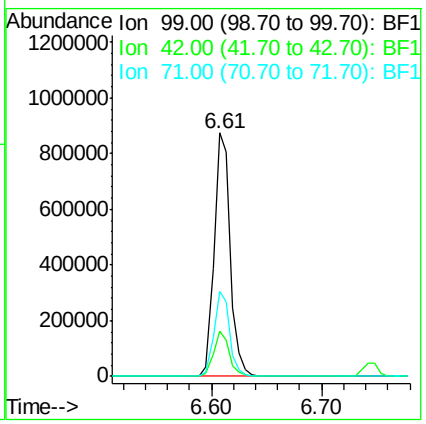


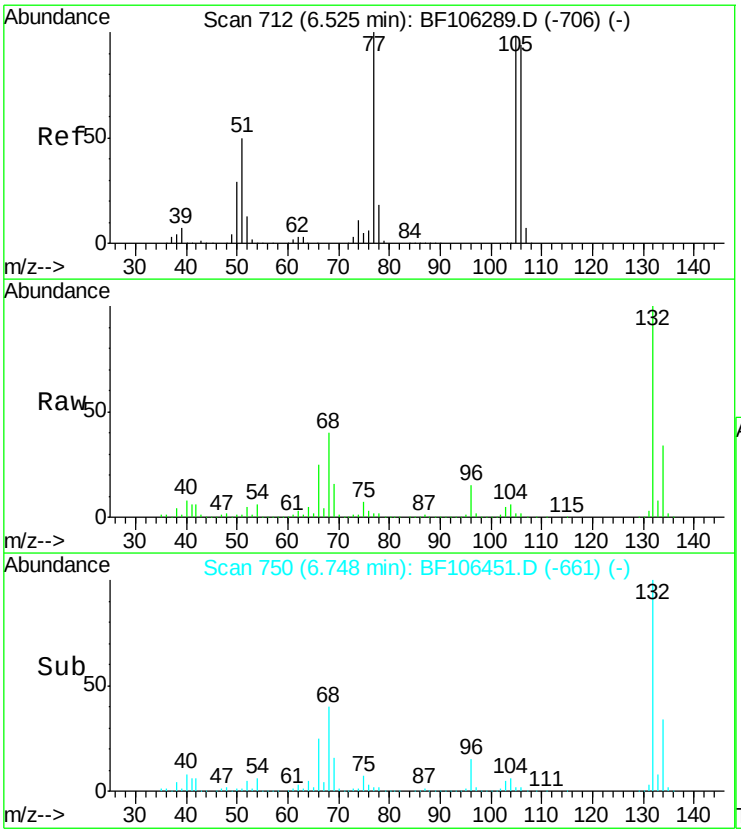
#7
Phenol-d6
Concen: 89.403 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion: 99 Resp: 875899

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	35.0	25.4	38.0

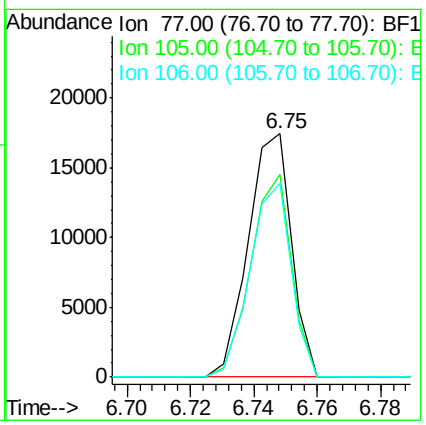


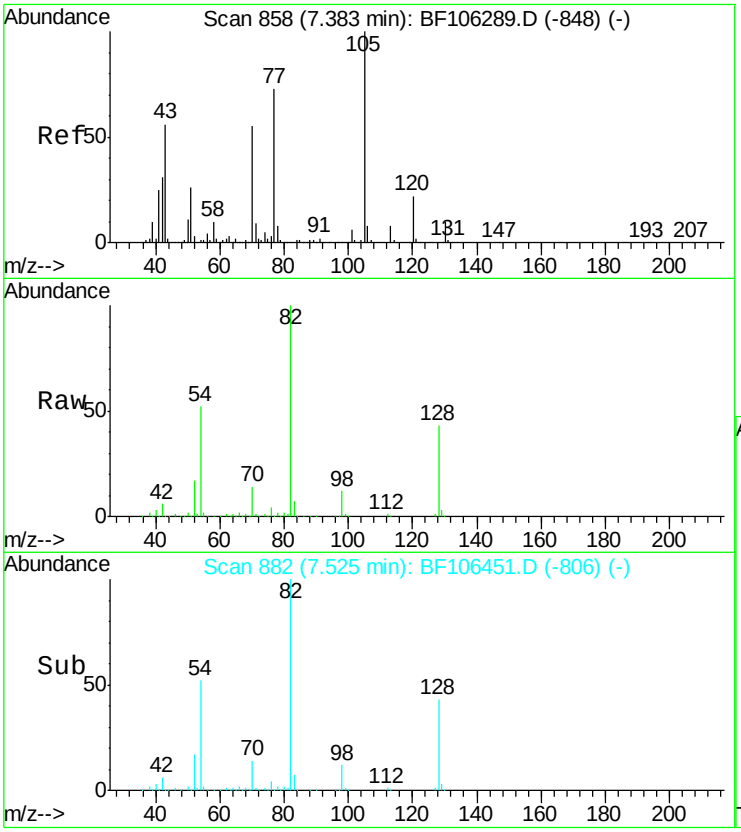


#9
Benzaldehyde
Concen: 2.218 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion: 77 Resp: 16484

Ion	Ratio	Lower	Upper
77	100		
105	83.0	81.1	121.1
106	79.3	74.5	114.5



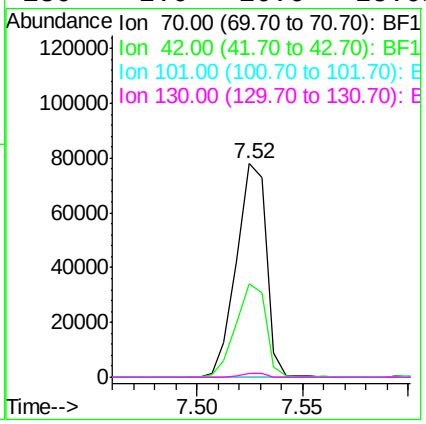


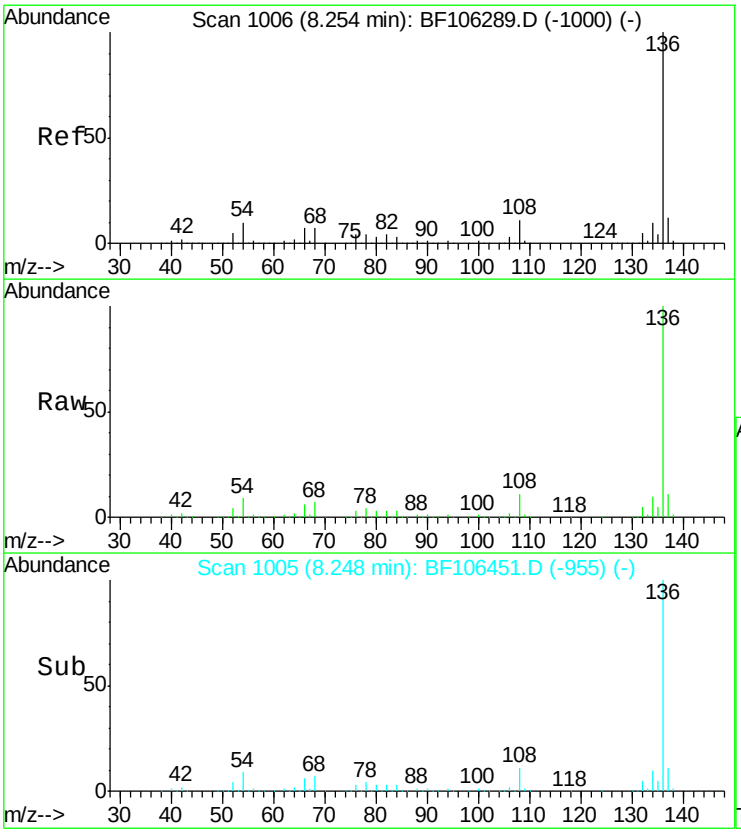
#19
n-Nitroso-di-n-propylamine
Concen: 10.441 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion: 70 Resp: 76742

Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

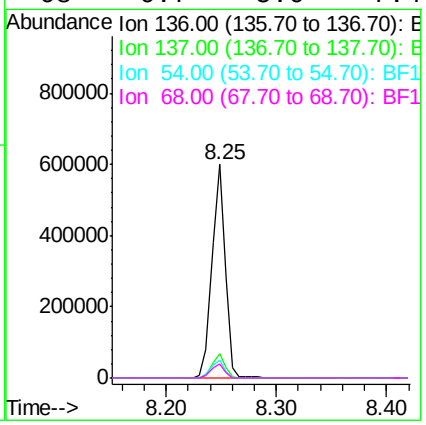


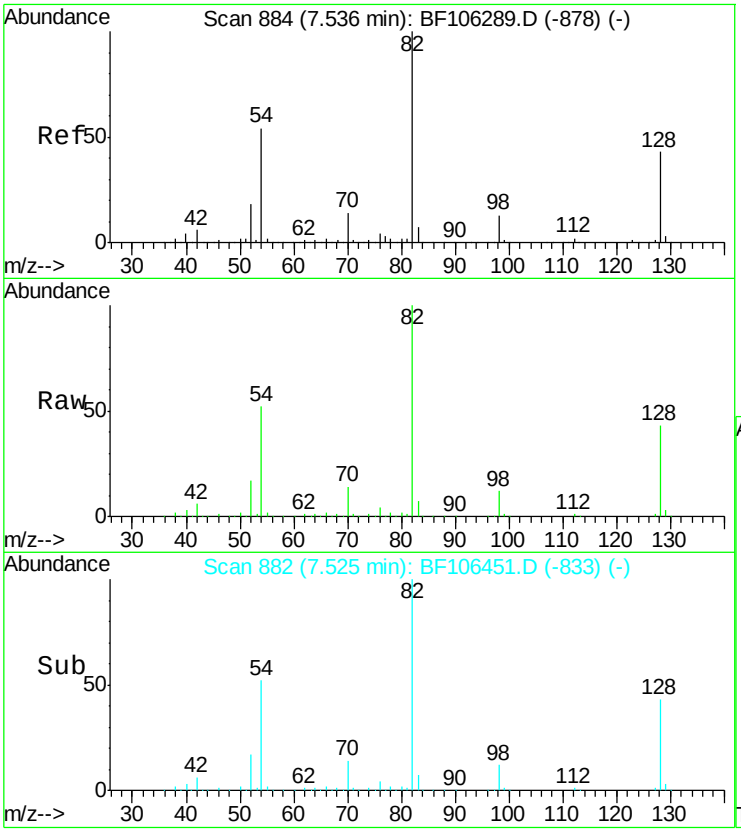


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:136 Resp: 492524

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.6	6.6	9.8
68	6.7	5.0	7.4



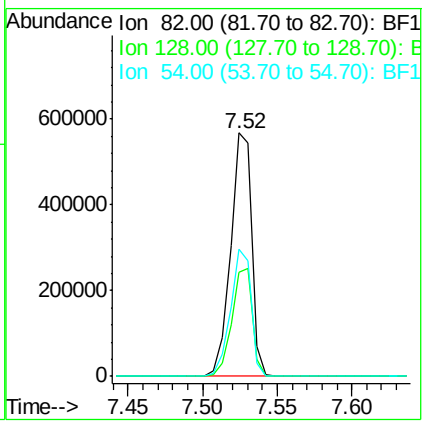


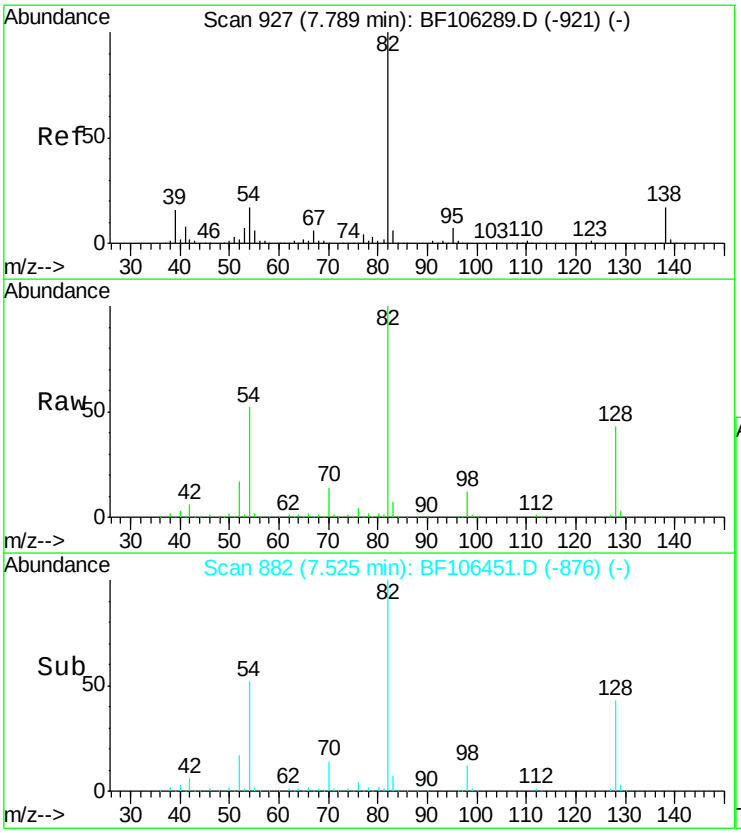
#23
Nitrobenzene-d5
Concen: 67.563 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion: 82 Resp: 565652

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	52.3	41.4	62.2

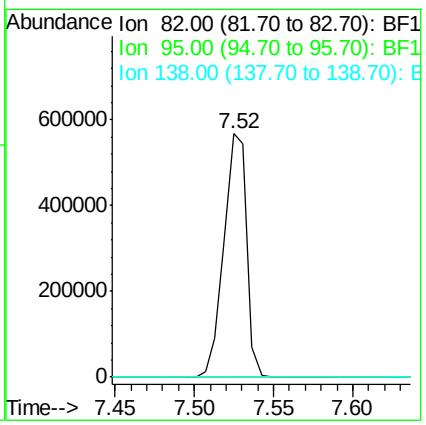


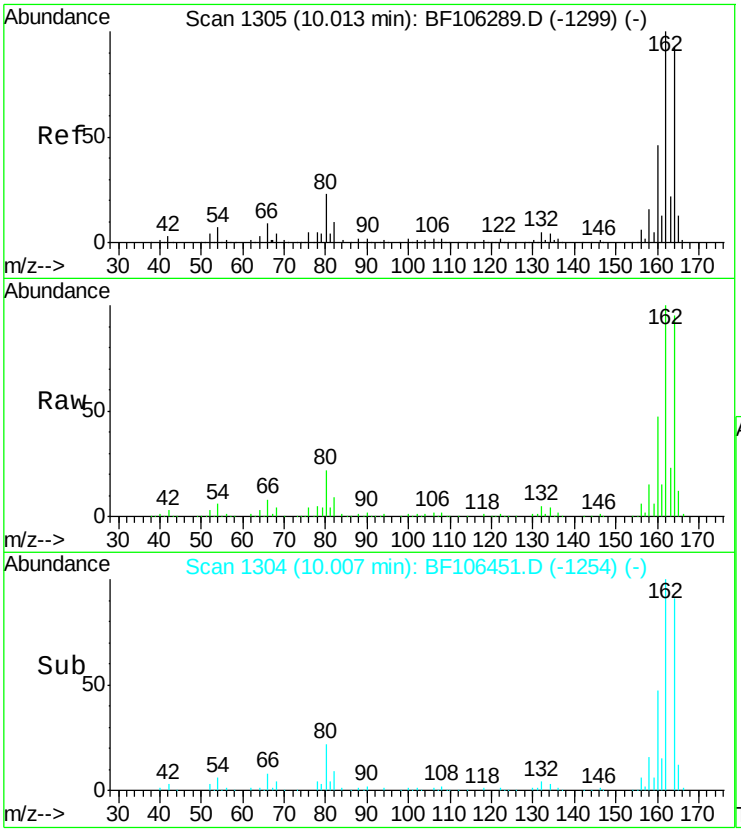


#25
Isophorone
Concen: 34.596 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion: 82 Resp: 565741

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



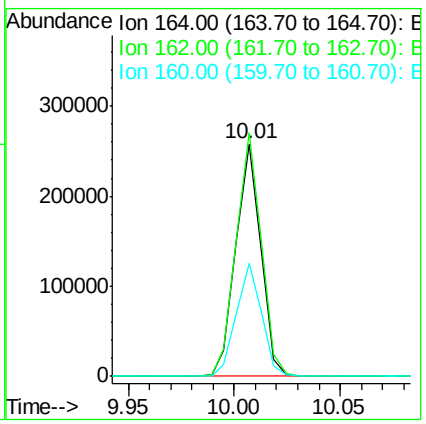


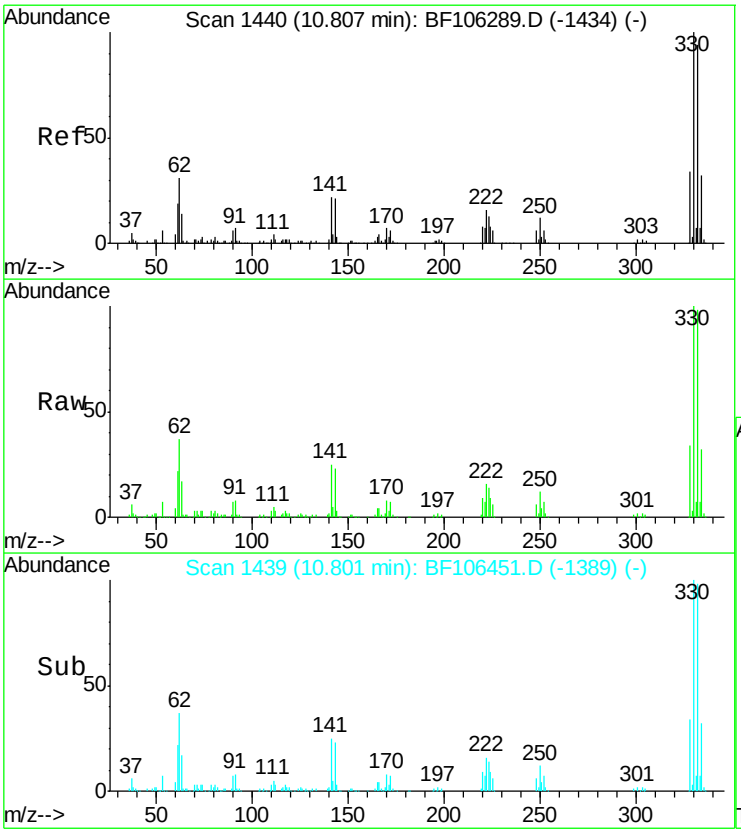
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:164 Resp: 210064

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	48.9	38.3	57.5

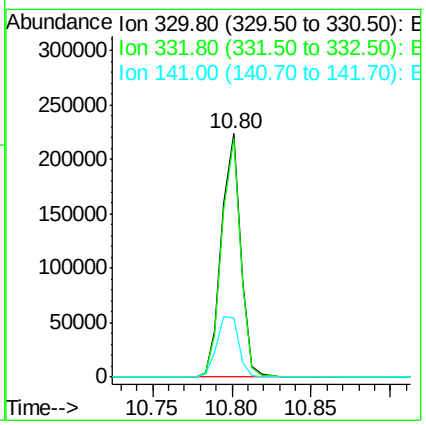


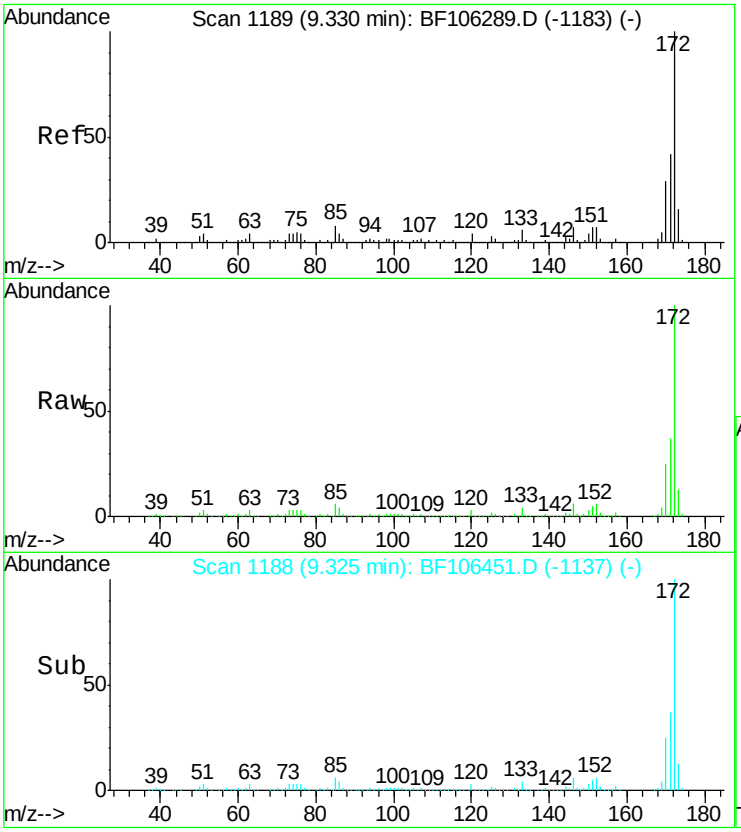


#41
2,4,6-Tribromophenol
Concen: 93.092 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:330 Resp: 188155

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	28.9	29.9	44.9#



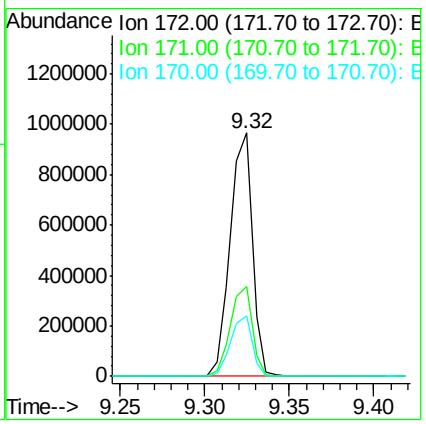


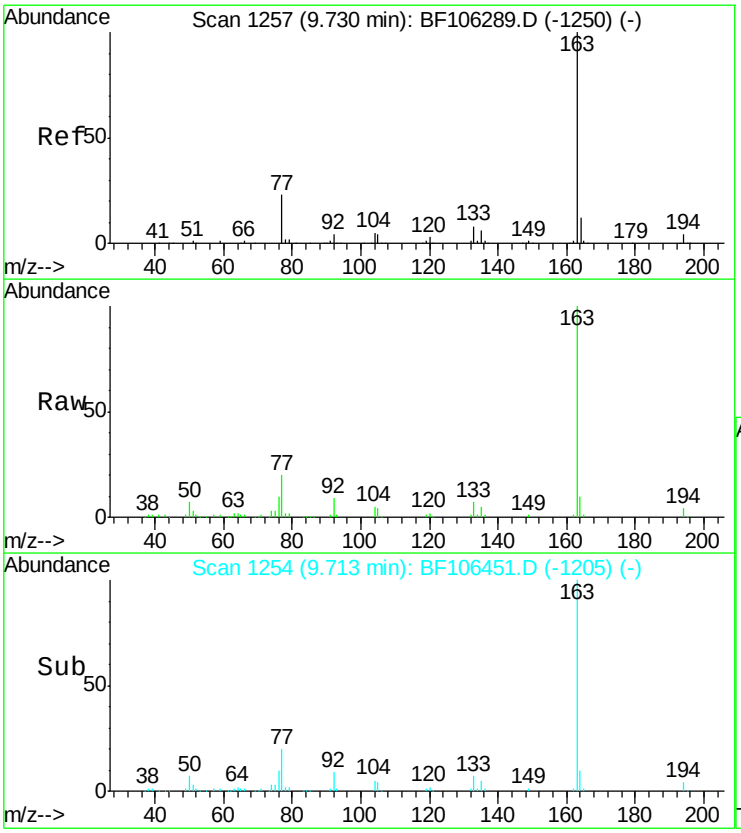
#44
2-Fluorobiphenyl
Concen: 70.809 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:172 Resp: 884734

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.9	19.6	29.4

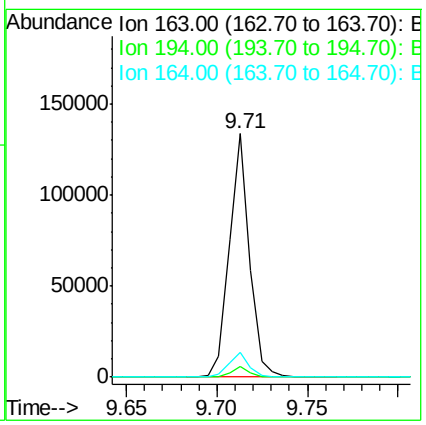


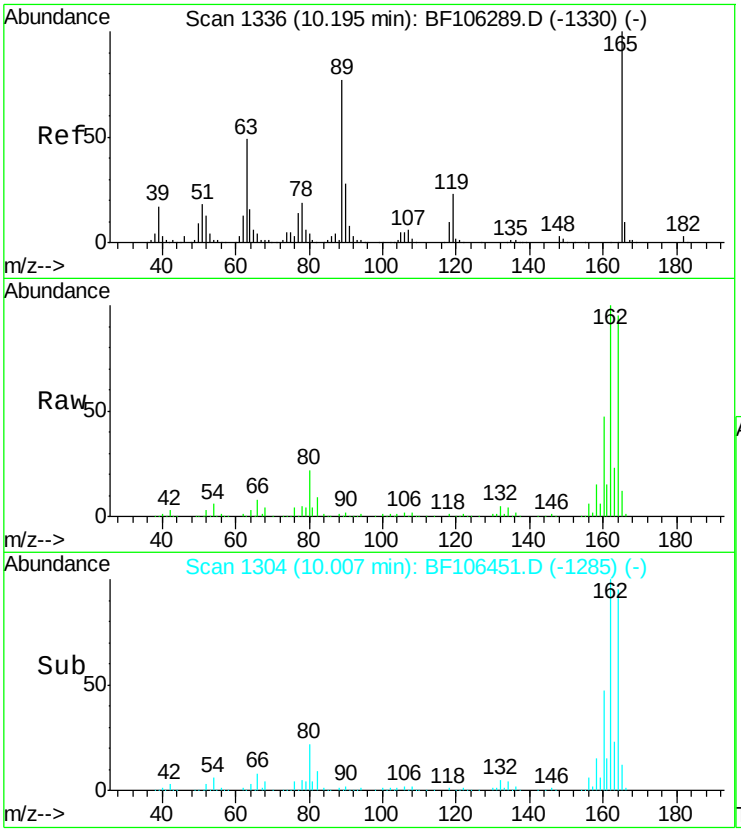


#49
Dimethylphthalate
Concen: 6.927 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:163 Resp: 103956

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.0	8.2	12.2



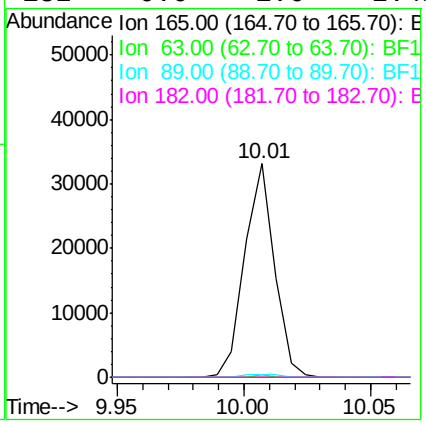


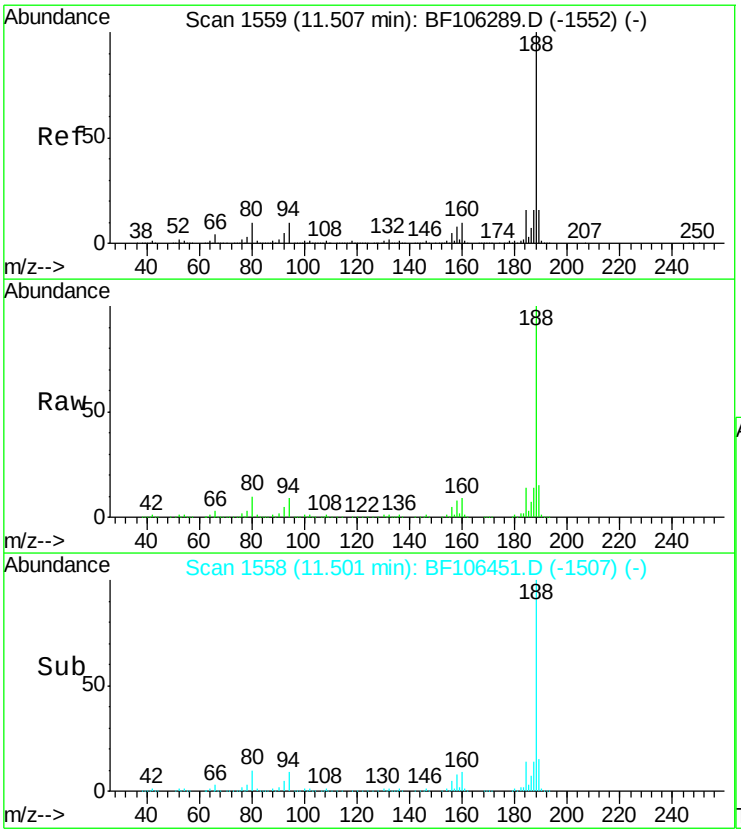
#56
2,4-Dinitrotoluene
Concen: 7.050 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:165 Resp: 27140

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

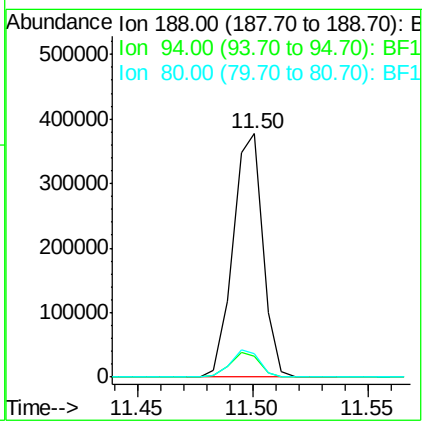


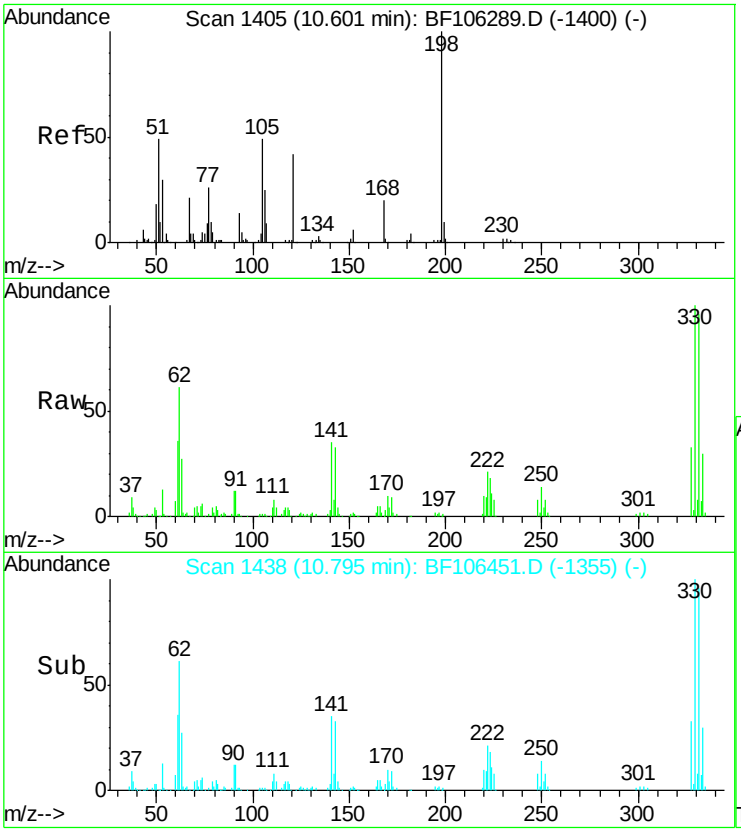


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:188 Resp: 340246

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.6	9.2	13.8



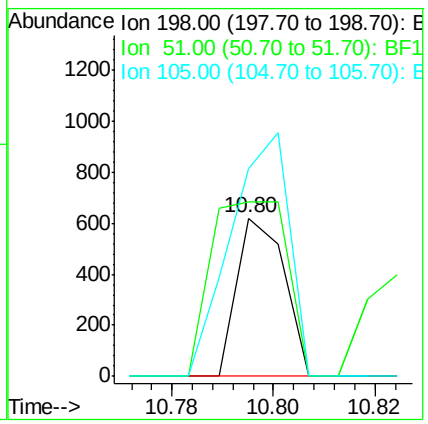


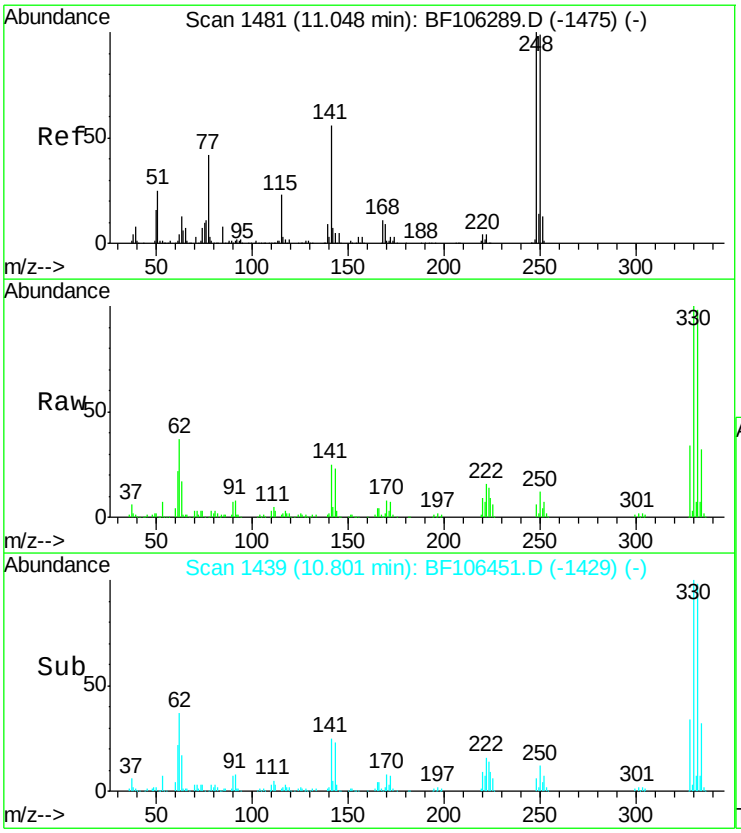
#64
4,6-Dinitro-2-methylphenol
Concen: 6.485 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:198 Resp: 401

Ion	Ratio	Lower	Upper
198	100		
51	110.5	37.7	77.7#
105	131.3	36.3	76.3#

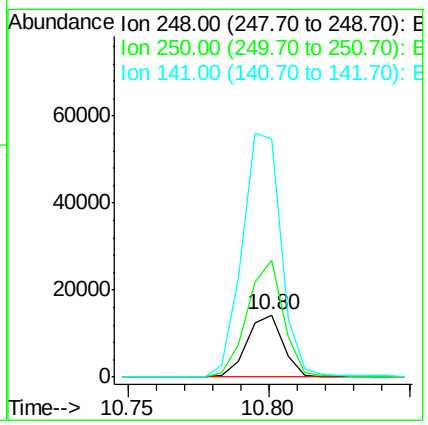


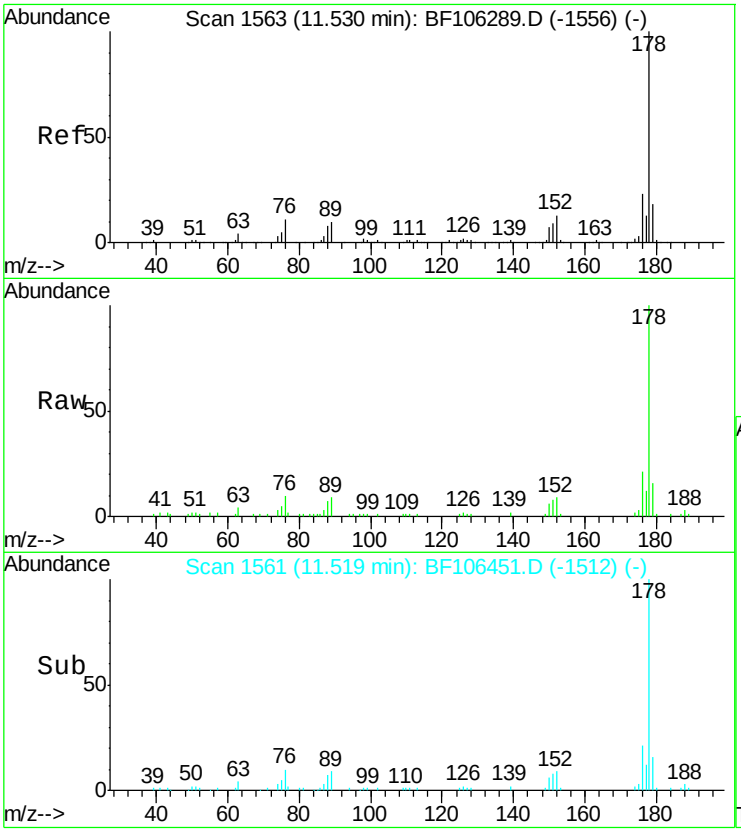


#66
4-Bromophenyl-phenylether
Concen: 3.275 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:248 Resp: 12672

Ion	Ratio	Lower	Upper
248	100		
250	189.6	76.9	115.3#
141	385.1	74.4	111.6#



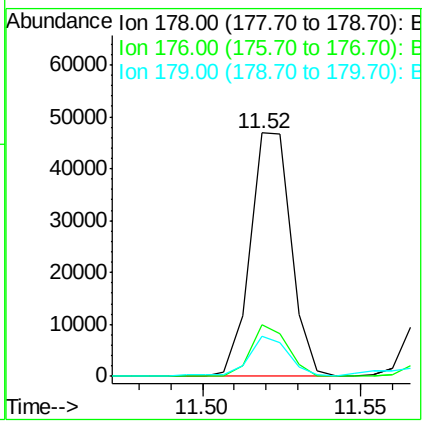


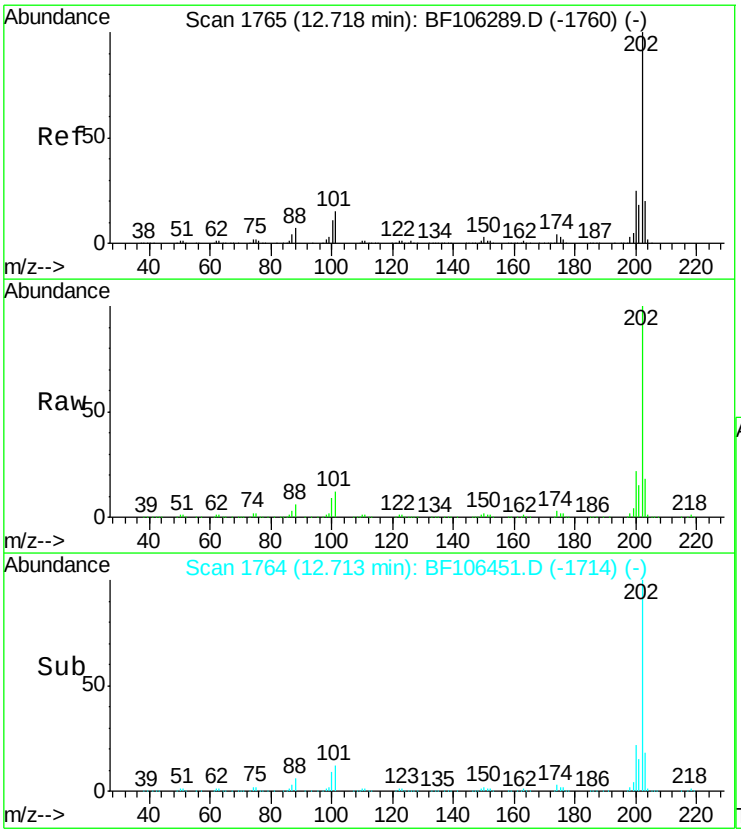
#70
Phenanthrene
Concen: 2.519 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:178 Resp: 41980

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	16.3	13.0	19.6

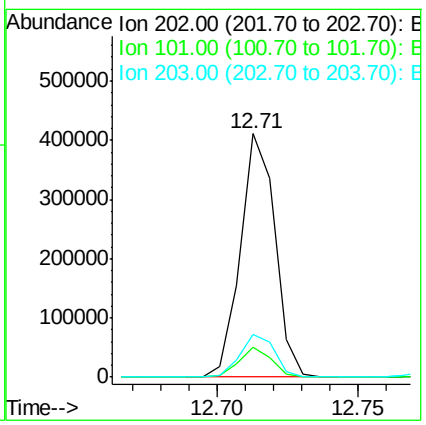


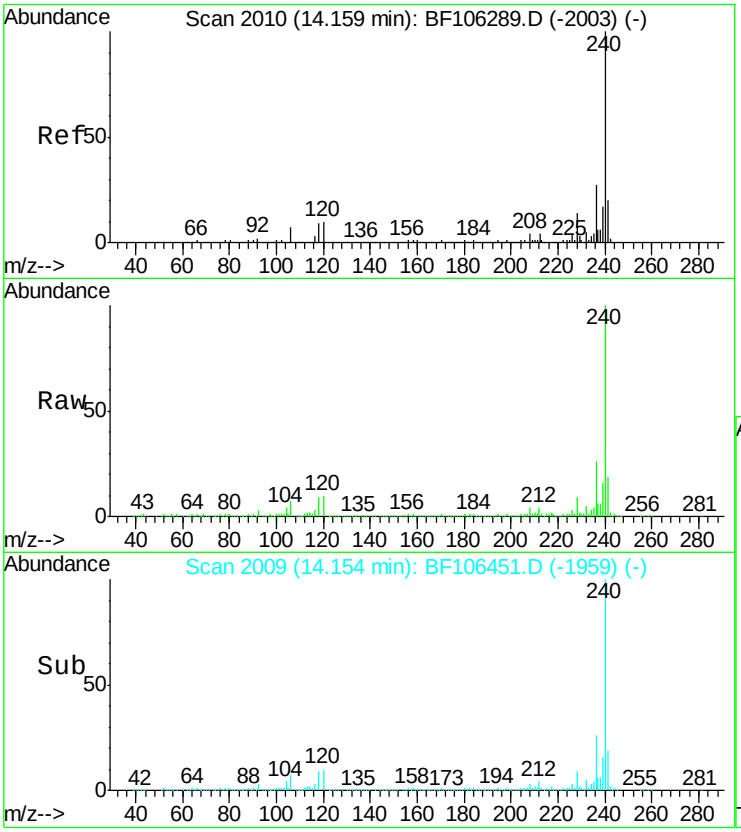


#74
Fluoranthene
Concen: 19.667 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:202 Resp: 349497

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.6	0.0	38.1



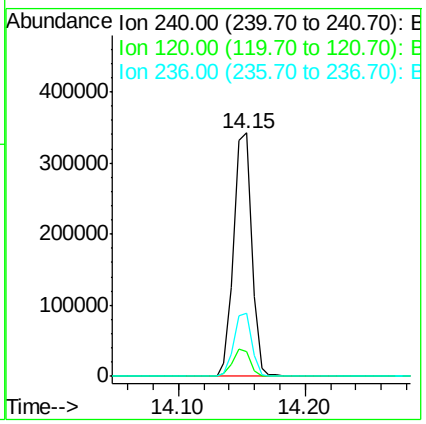


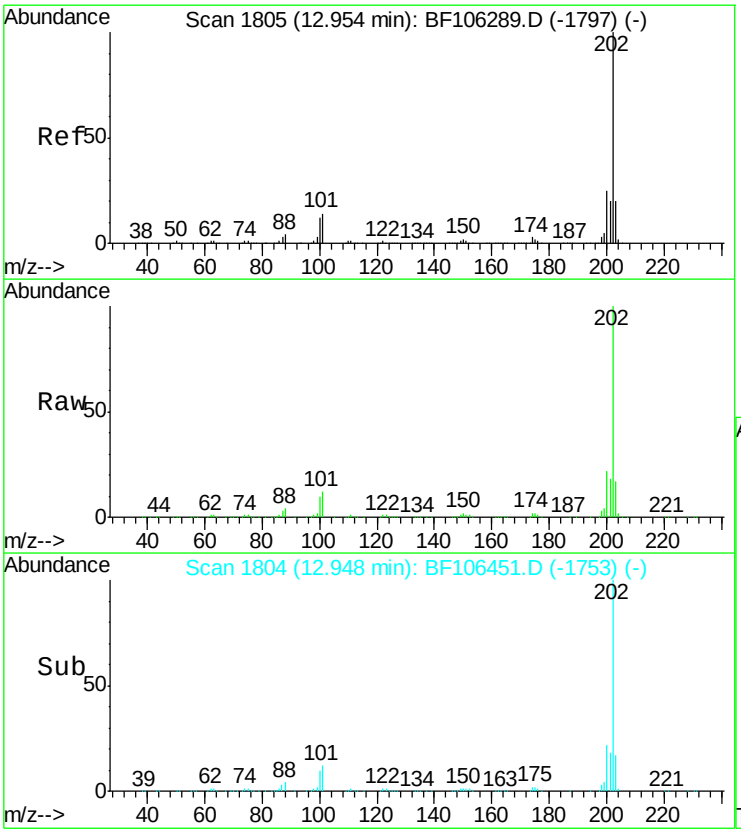
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:240 Resp: 335796

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.0	20.7	31.1

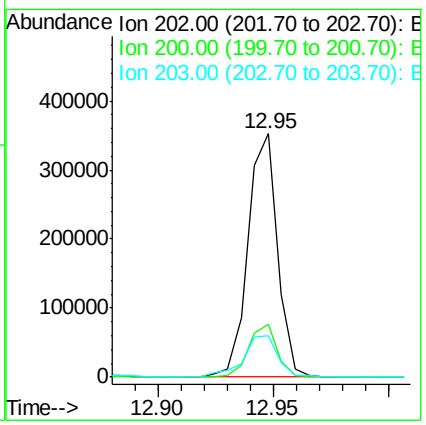


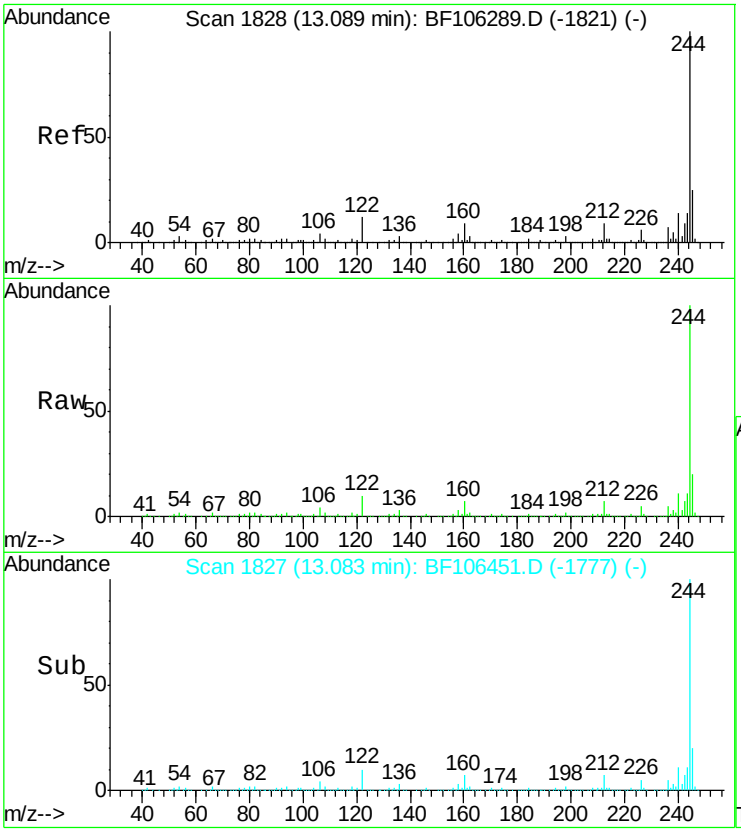


#77
Pyrene
Concen: 15.093 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:202 Resp: 317308

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.2	14.3	21.5



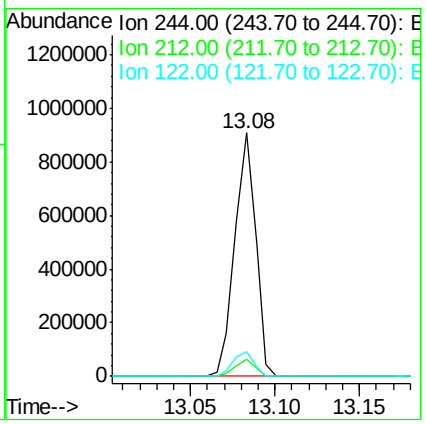


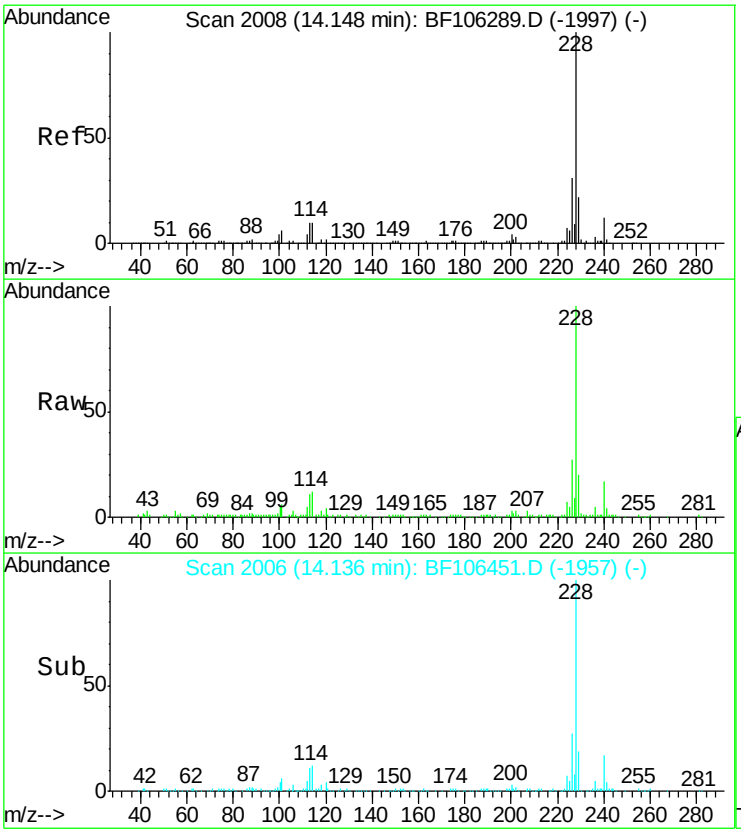
#78
Terphenyl-d14
Concen: 57.653 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:244 Resp: 779443

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.4	11.0	16.4#

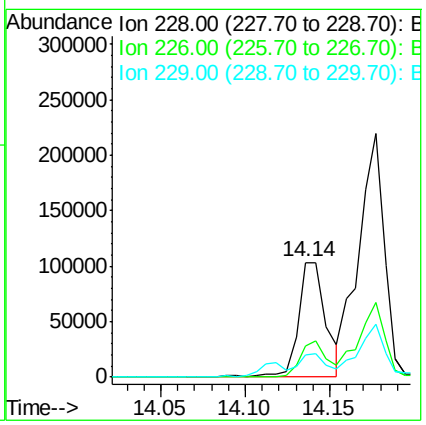


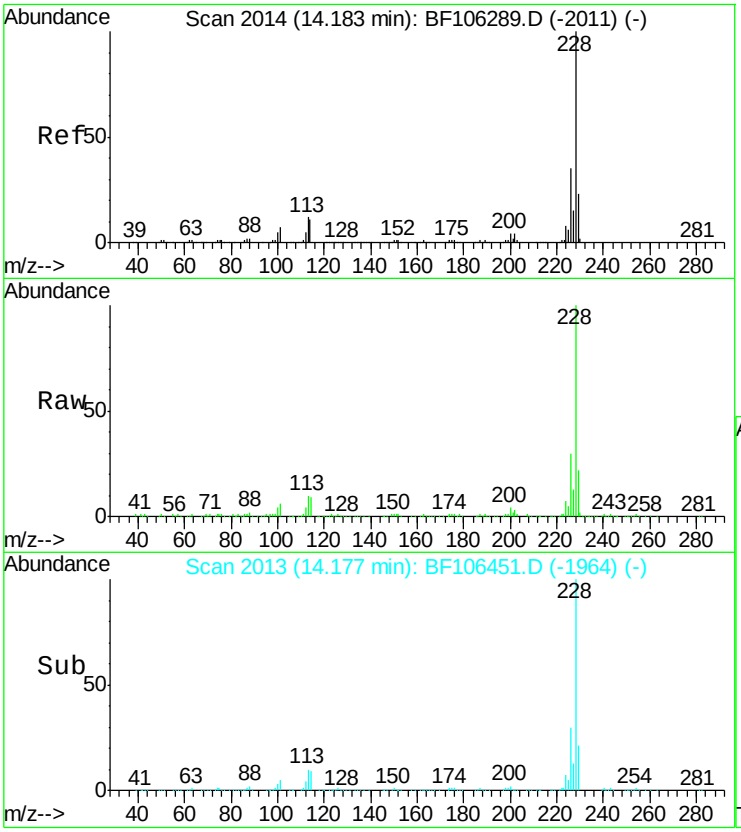


#80
Benzo(a)anthracene
Concen: 5.877 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:228 Resp: 117449

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.8	15.8	23.6



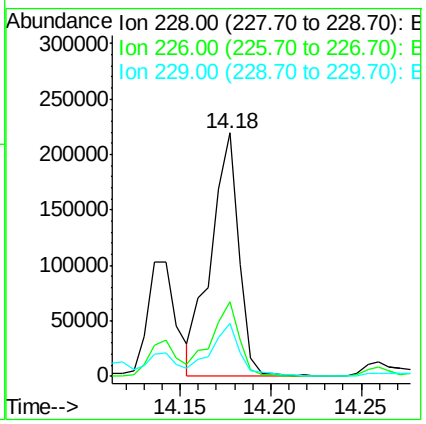


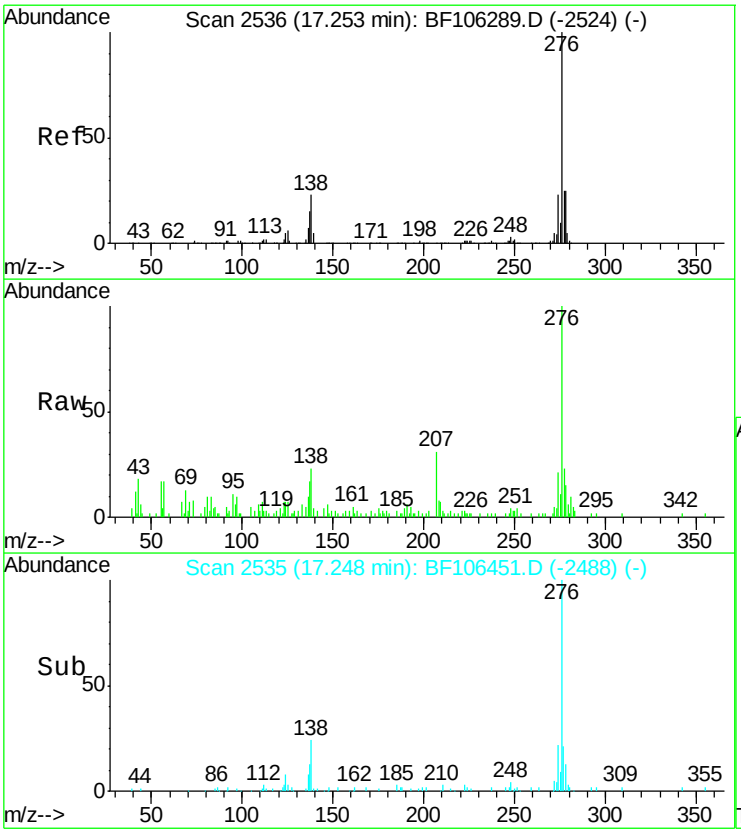
#82
Chrysene
Concen: 12.807 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:228 Resp: 233657

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.8	16.2	24.4

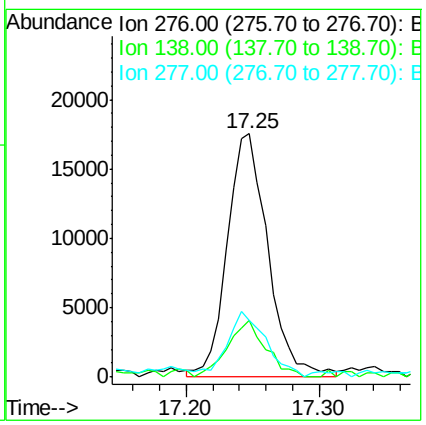


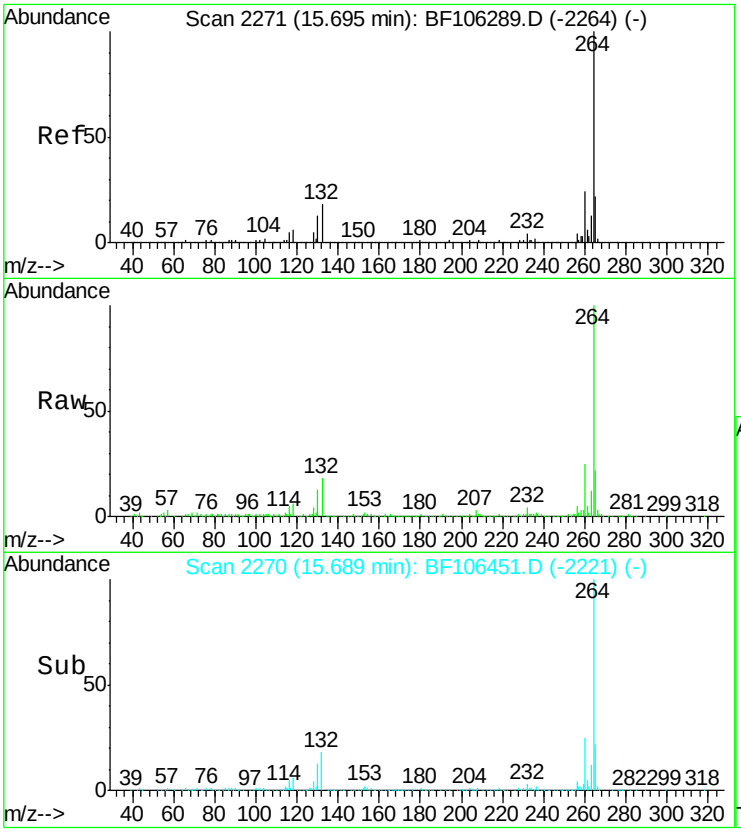


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.556 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:276 Resp: 37216

Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	25.7	20.1	30.1



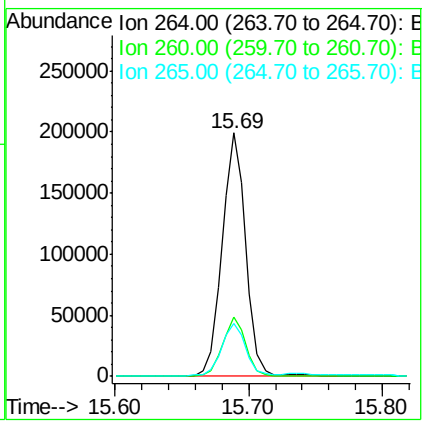


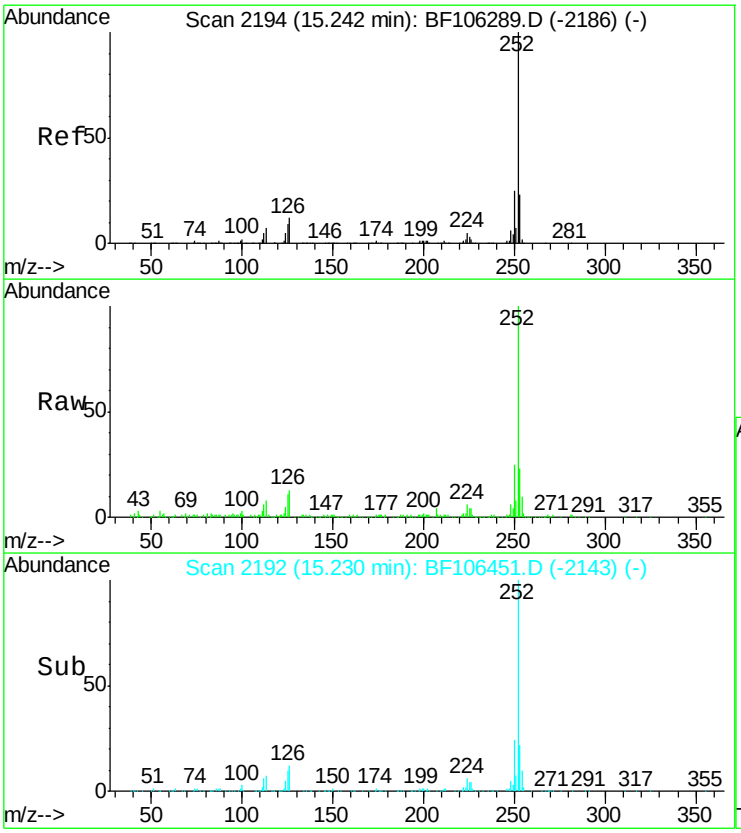
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:264 Resp: 248398

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3

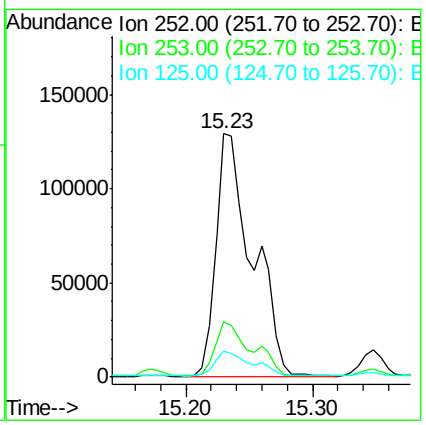


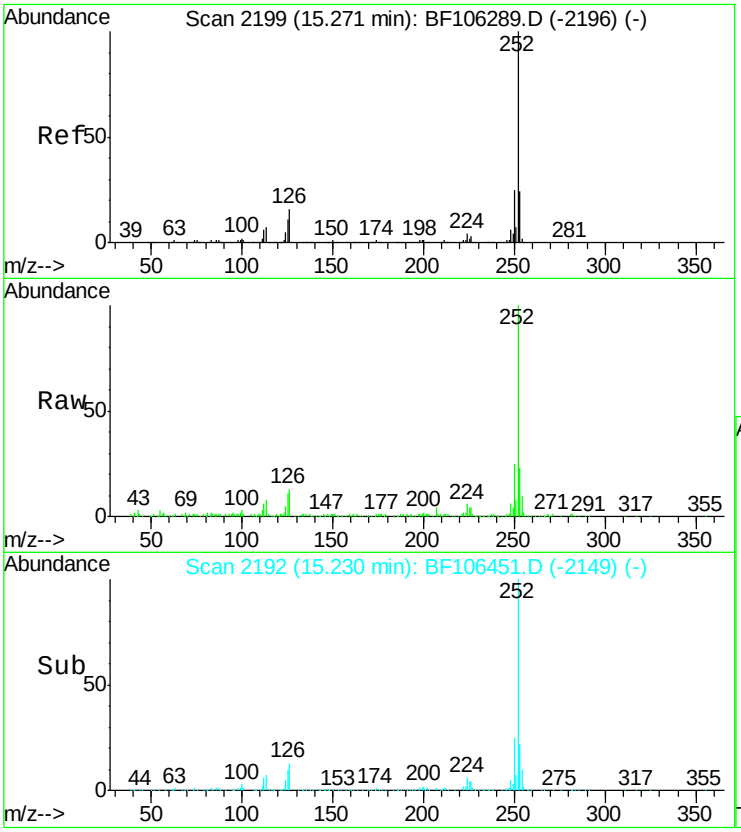


#87
Benzo(b)fluoranthene
Concen: 17.271 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:252 Resp: 259329

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.5	9.0	13.6



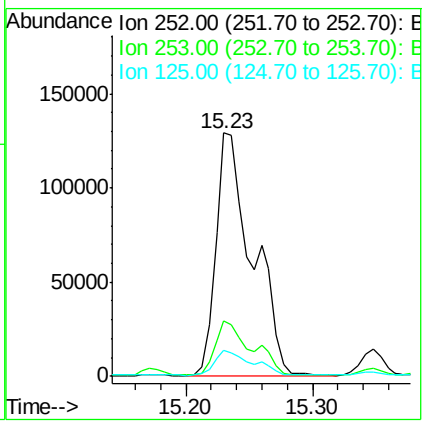


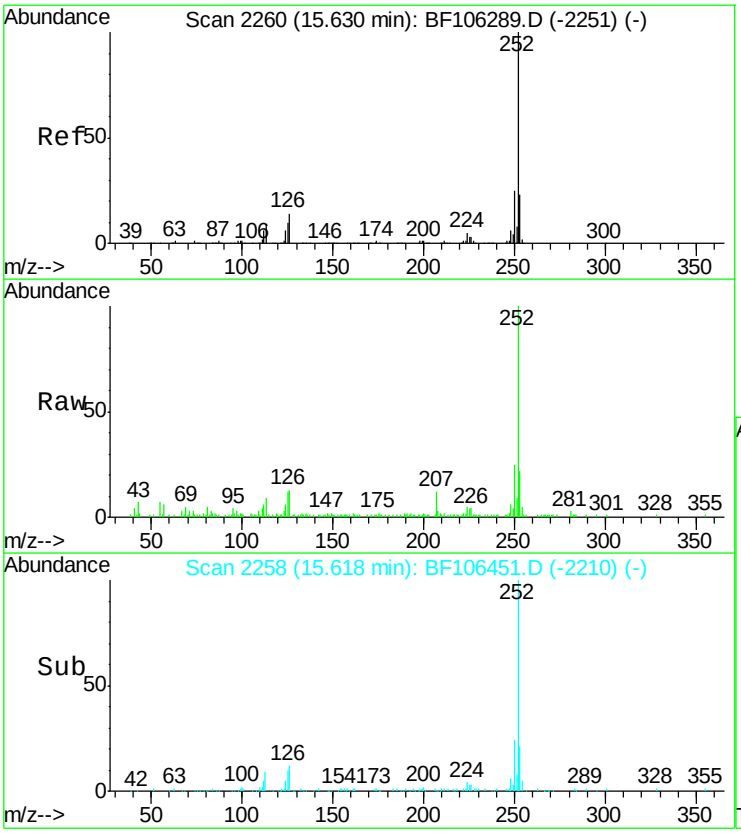
#88
Benzo(k)fluoranthene
Concen: 17.439 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.05 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:252 Resp: 259329

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.5	10.2	15.2

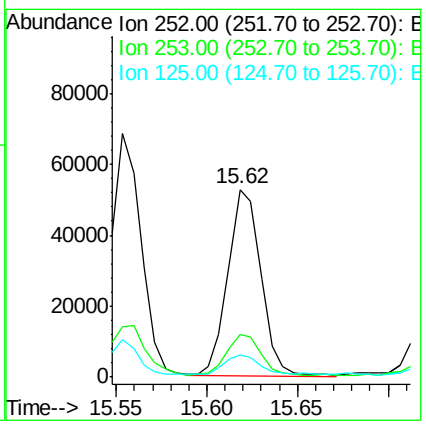


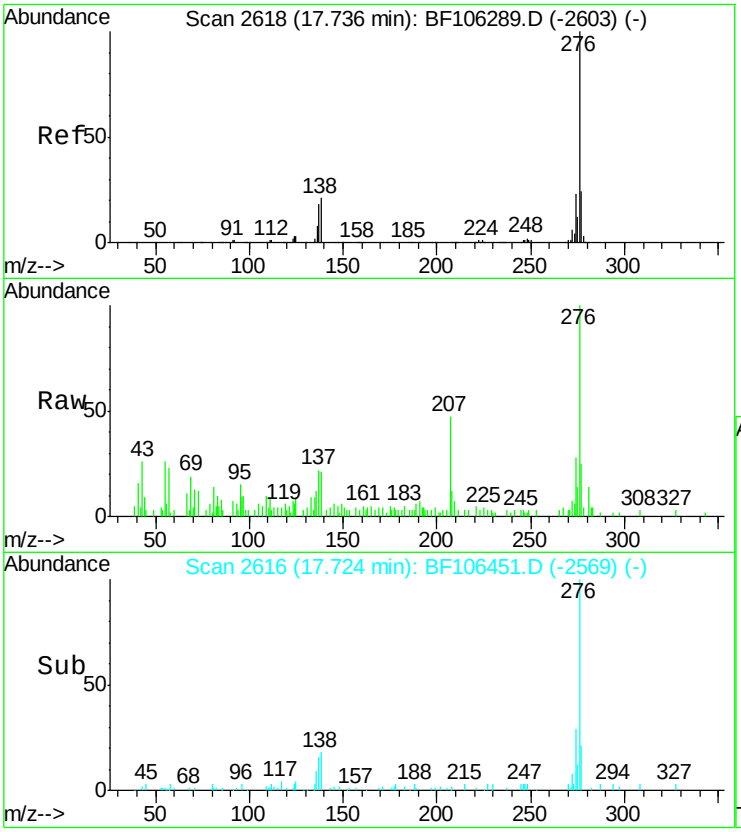


#89
Benzo(a)pyrene
Concen: 5.010 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Tgt Ion:252 Resp: 67657

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.794 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF106451.D
Acq: 14 Jun 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-RO-3091

Tgt Ion:276 Resp: 30571

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	21.1	21.8	32.8#