Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107092.D
Acq On : 3 Jul 2018 19:51
Operator : JU/SJ
Sample : J3245-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 03 22:48:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	48818	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	172122	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	76329	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	159418	20.00	ng		0.00
75) Chrysene-d12	14.15	240	135533	20.00	ng		-0.02
86) Perylene-d12	15.69	264	100435	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	157697	54.70	ng		0.00
7) Phenol-d6	6.60	99	183665	51.01	ng		-0.01
23) Nitrobenzene-d5	7.52	82	98603	31.84	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	47426	53.61	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	201956	36.34	ng		-0.01
78) Terphenyl-d14	13.08	244	268923	48.06	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	12259	5.166	ng	#	76
25) Isophorone	7.52	82	98602	18.067	ng	#	64
49) Dimethylphthalate	9.71	163	20350	3.555	ng	#	97
50) 2,6-Dinitrotoluene	10.00	165	9746	8.040	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	9746	6.159	ng	#	21
57) Fluorene	10.55	166	14501	2.803	ng	#	91
70) Phenanthrene	11.52	178	142557	18.540	ng		97
71) Anthracene	11.57	178	47699	6.078	ng		97
72) Carbazole	11.73	167	26868	3.657	ng		99
74) Fluoranthene	12.72	202	339746	40.089	ng		94
77) Pyrene	12.95	202	312943	35.015	ng		99
80) Benzo(a)anthracene	14.14	228	150958	18.275	ng		98
82) Chrysene	14.18	228	130679	17.196	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	51013	7.910	ng	#	87
87) Benzo(b)fluoranthene	15.24	252	177788	28.496	ng		96
88) Benzo(k)fluoranthene	15.24	252	177788	29.924	ng	#	96
89) Benzo(a)pyrene	15.56	252	58567	10.560	ng		95
90) Dibenzo(a,h)anthracene	17.28	278	15903	3.383	ng	#	89
91) Benzo(g,h,i)perylene	17.77	276	45867	9.983	ng	#	90

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

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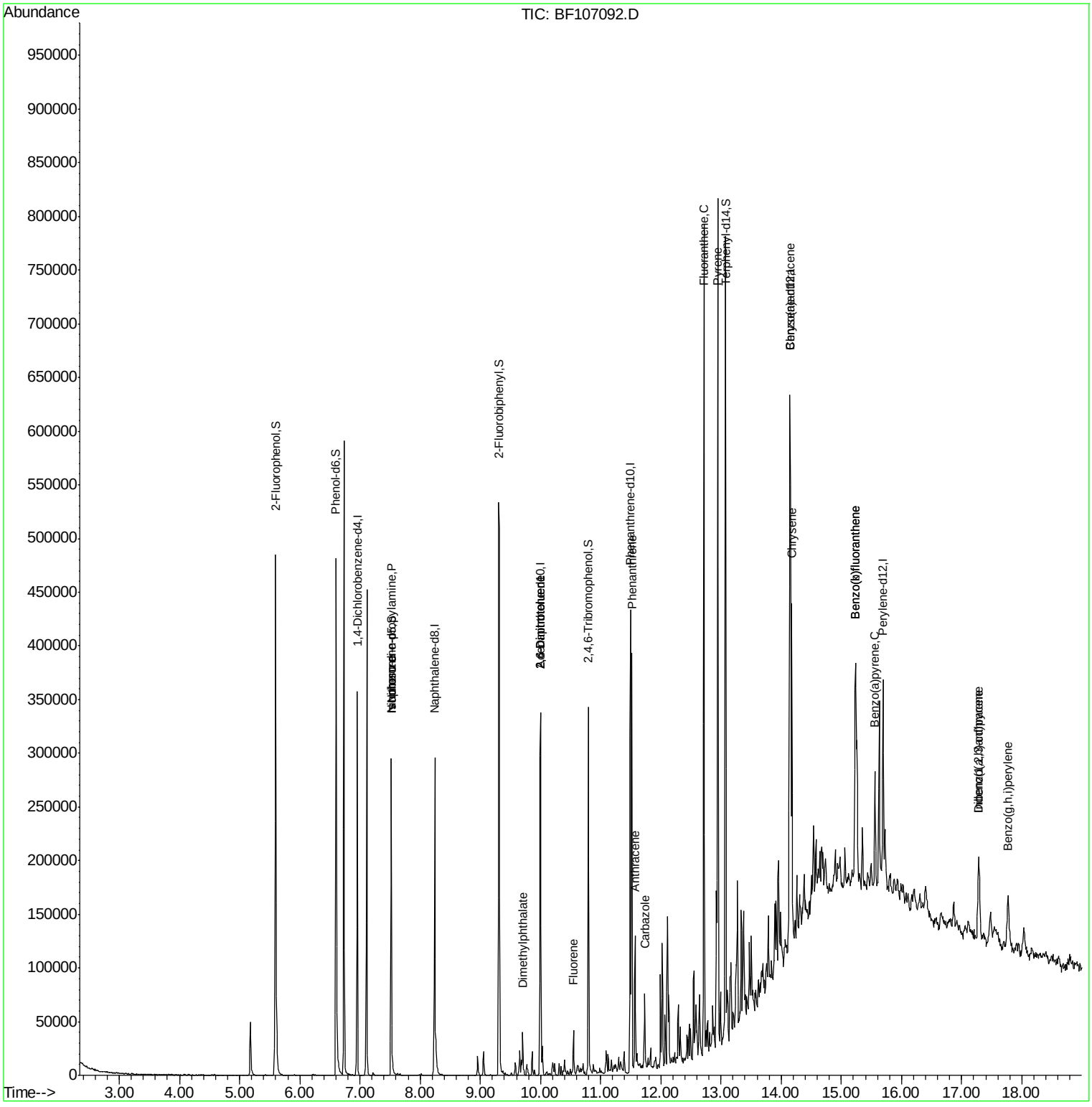
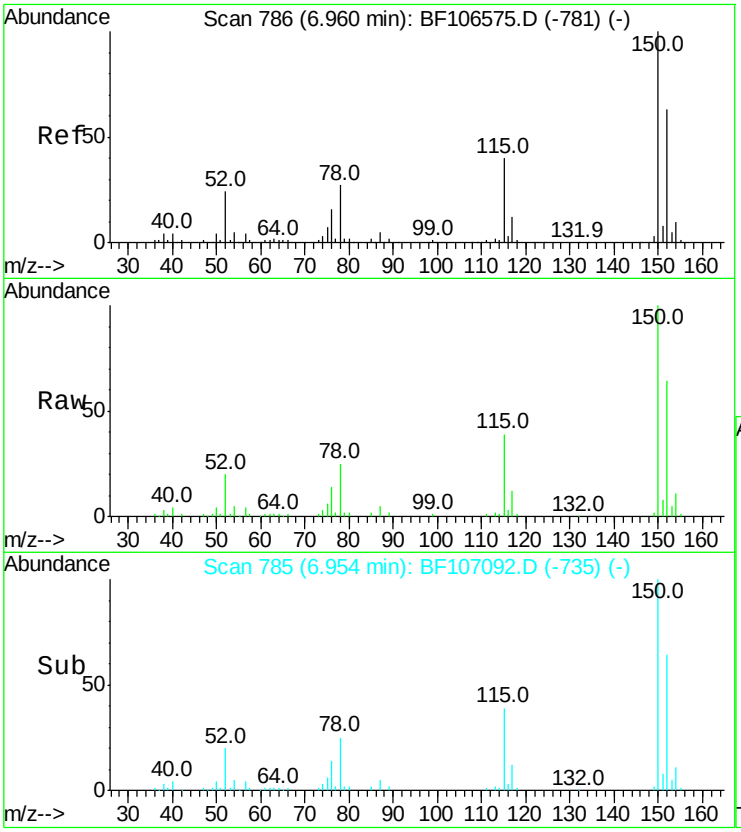


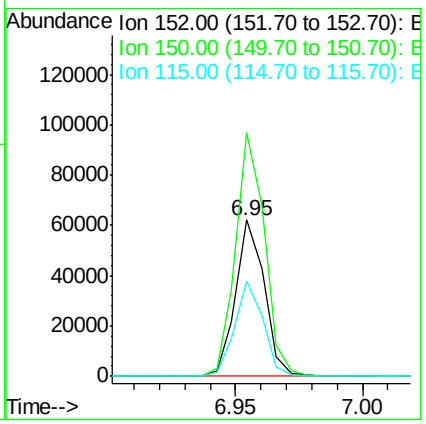


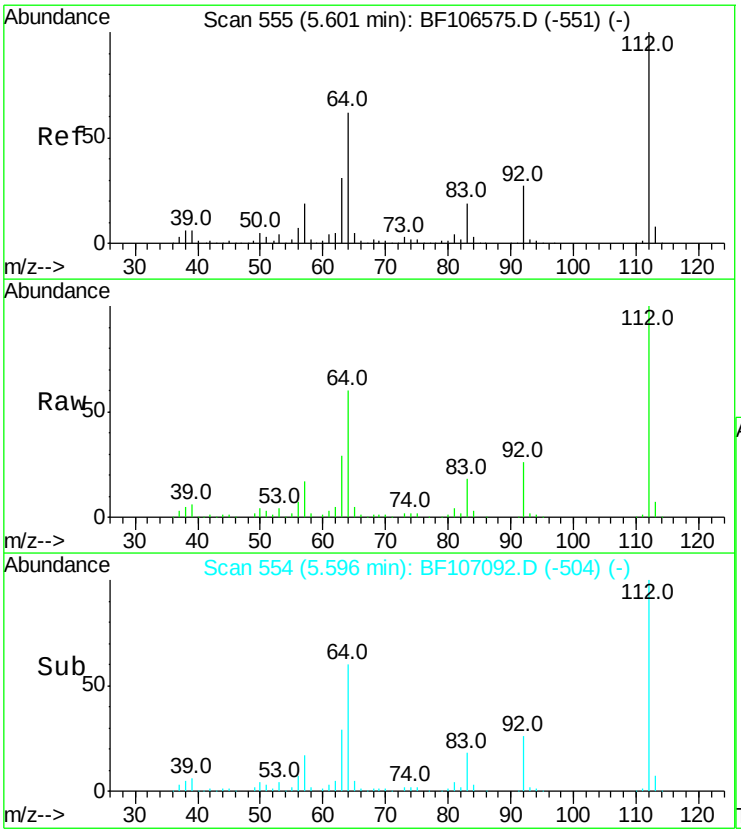
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 48818

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.9	50.1	75.1

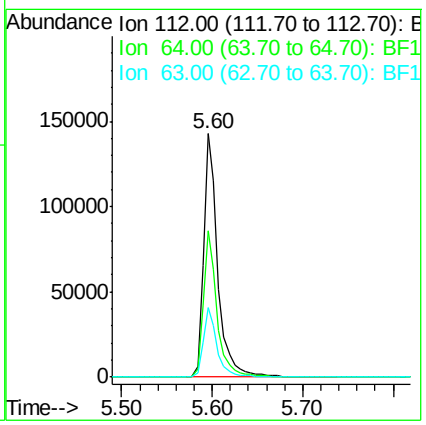


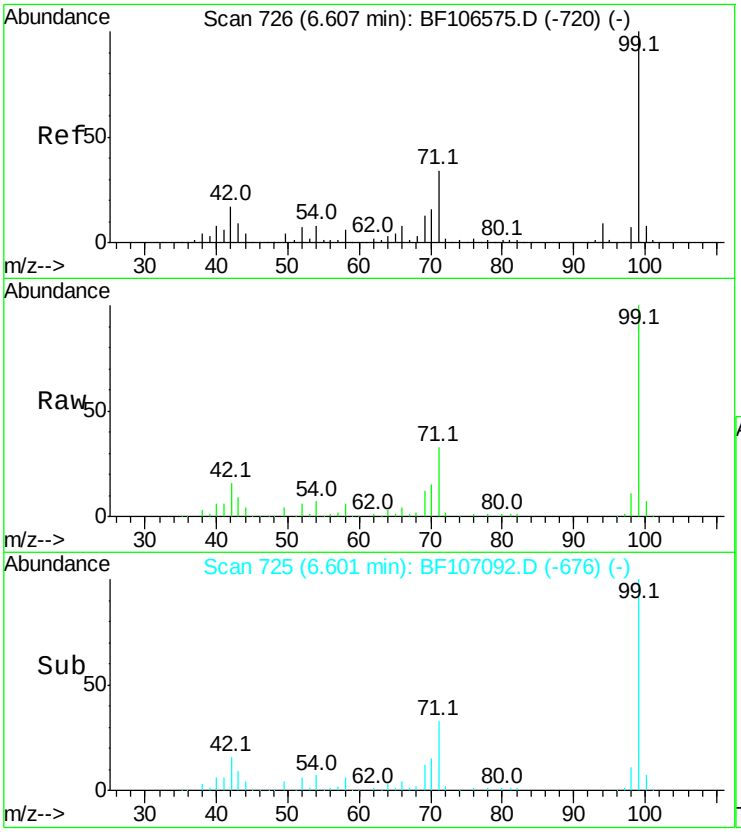


#5
2-Fluorophenol
Concen: 54.699 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:112 Resp: 157697

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	28.6	23.7	35.5



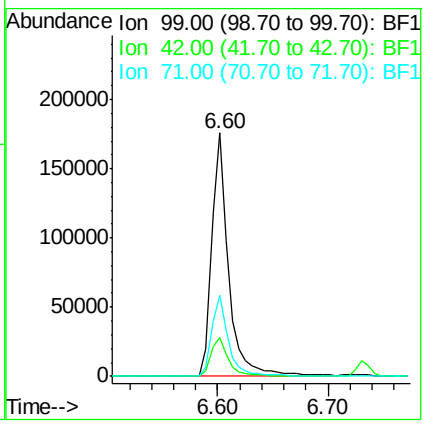


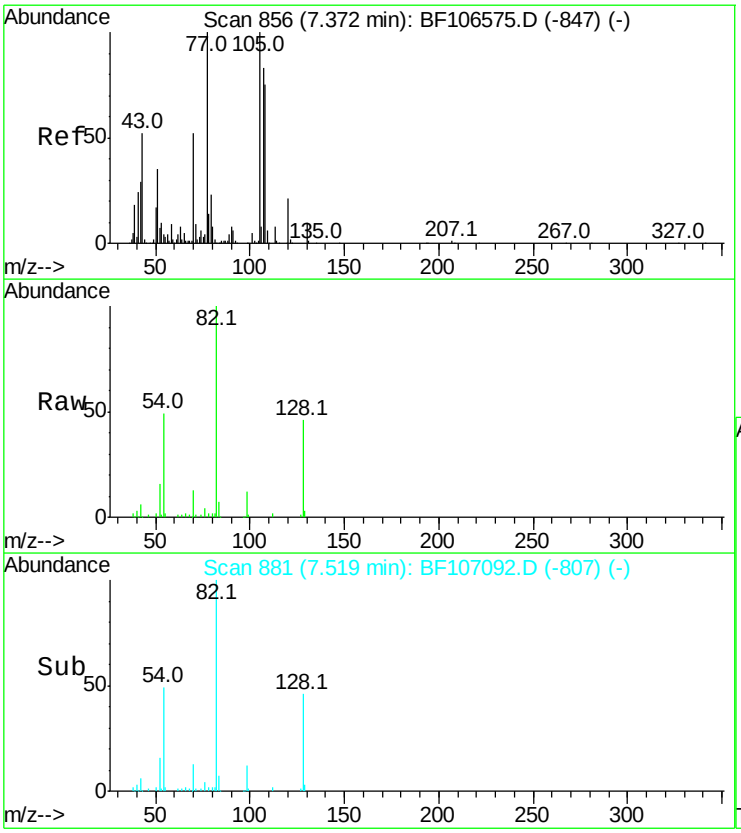
#7
Phenol-d6
Concen: 51.014 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 183665

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.4	25.4	38.0

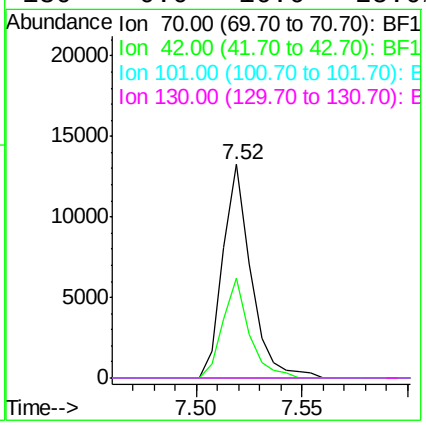


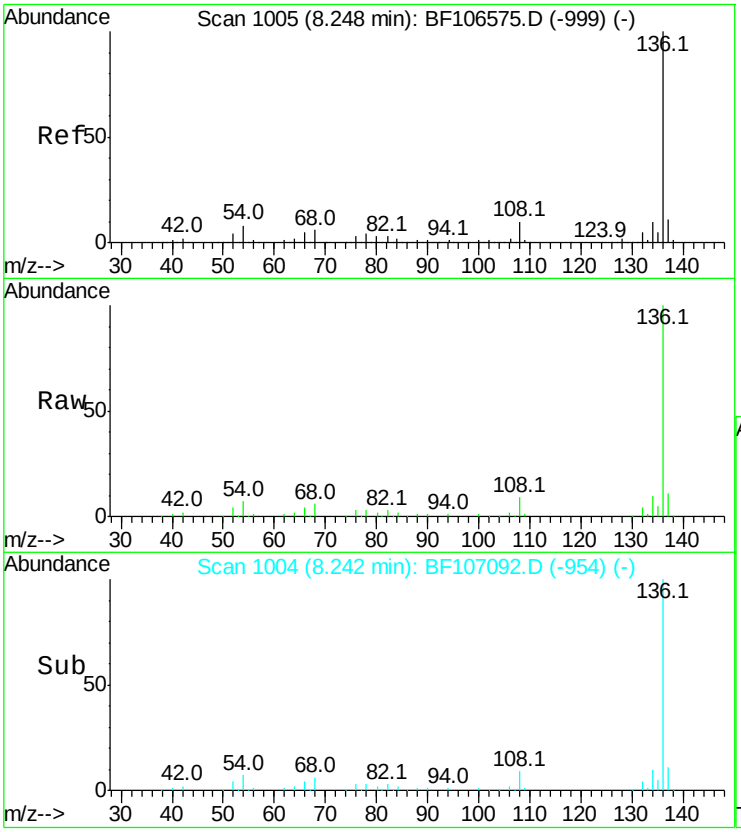


#19
n-Nitroso-di-n-propylamine
Concen: 5.166 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion: 70 Resp: 12259

Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



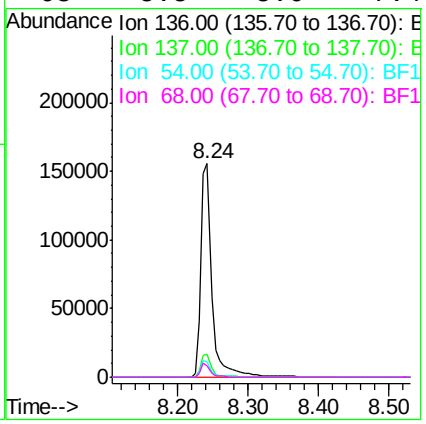


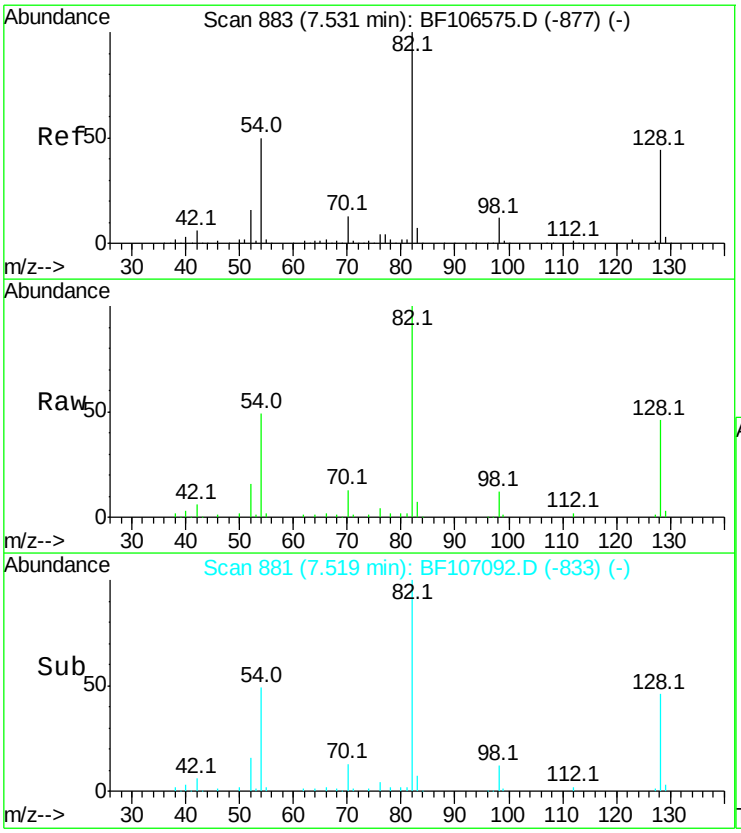
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 172122

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.1	6.6	9.8
68	5.5	5.0	7.4

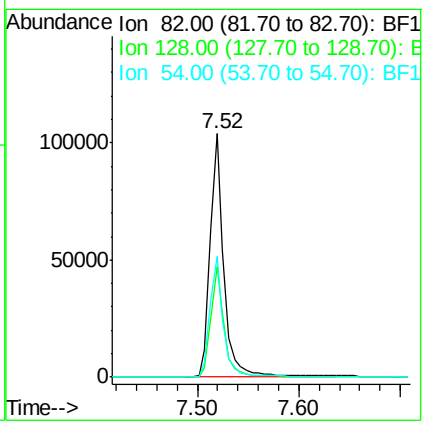


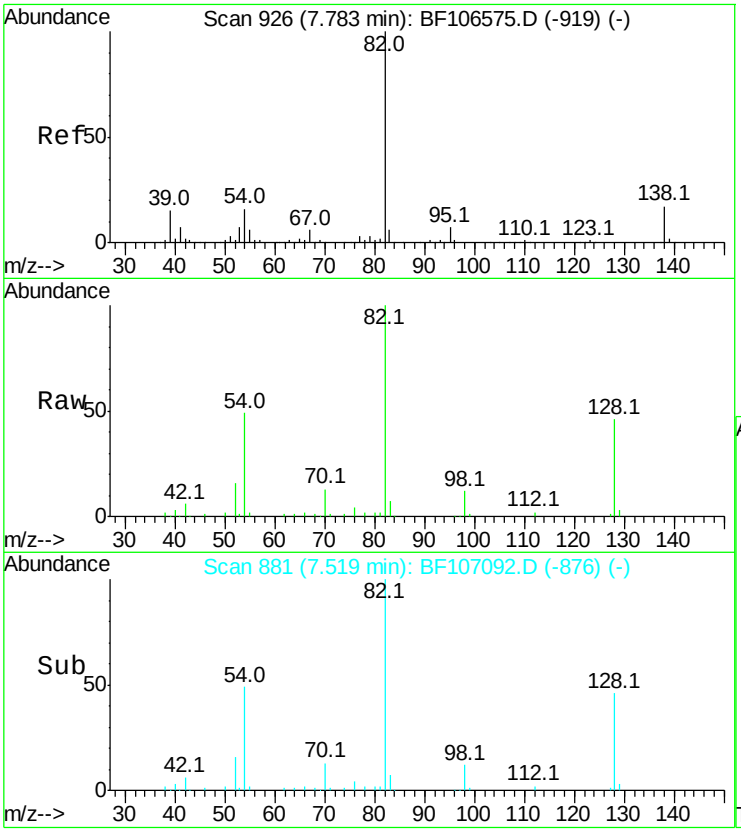


#23
Nitrobenzene-d5
Concen: 31.836 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion: 82 Resp: 98603

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	49.4	41.4	62.2



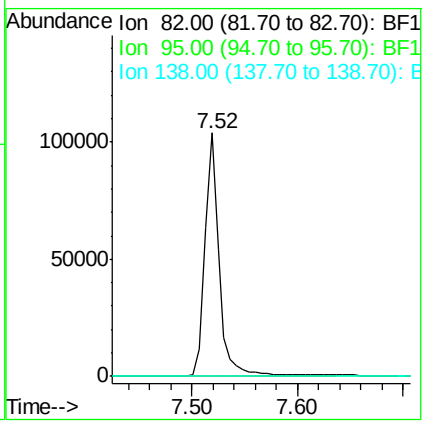


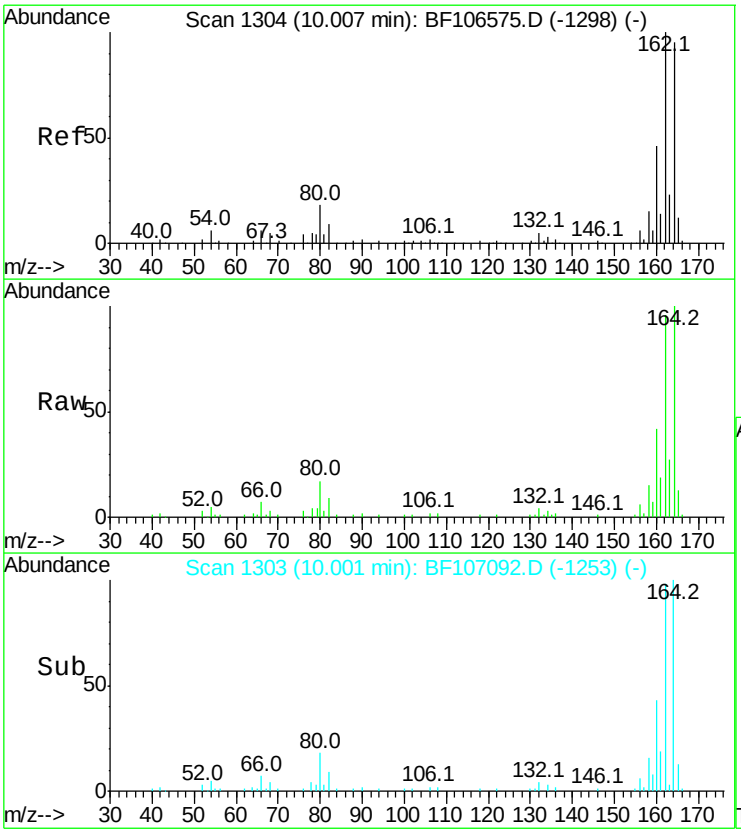
#25
Isophorone
Concen: 18.067 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 98602

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

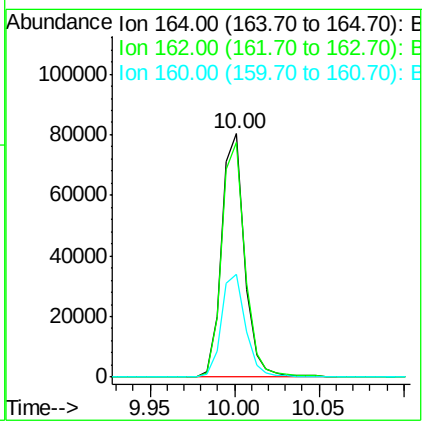


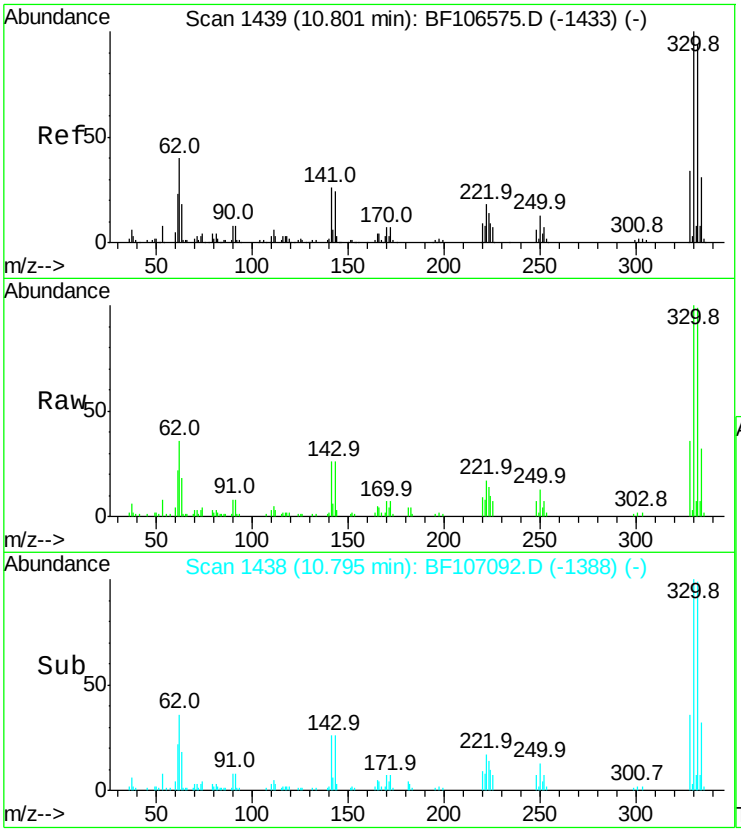


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:164 Resp: 76329

Ion	Ratio	Lower	Upper
164	100		
162	96.2	86.1	129.1
160	42.2	38.3	57.5



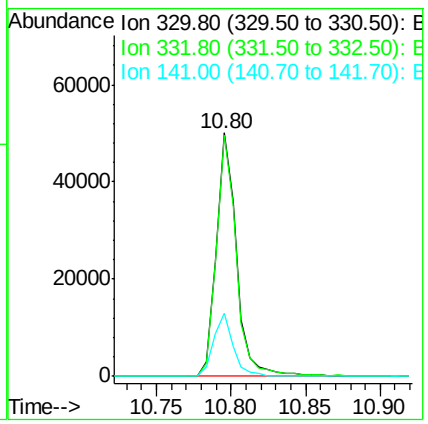


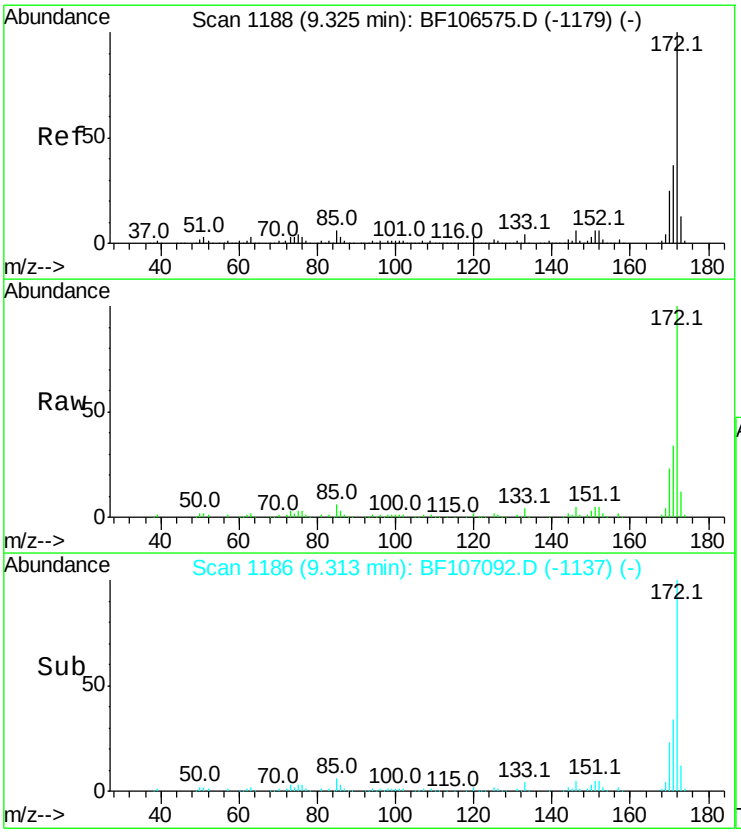
#41
2,4,6-Tribromophenol
Concen: 53.608 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 47426

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	24.8	29.9	44.9#

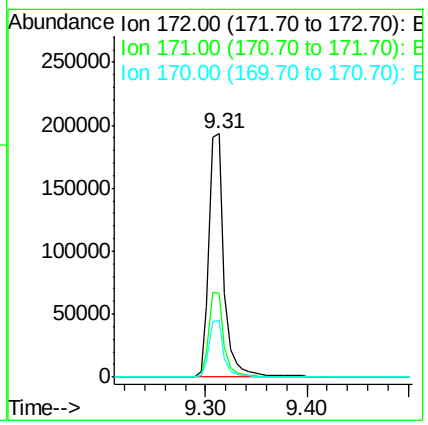


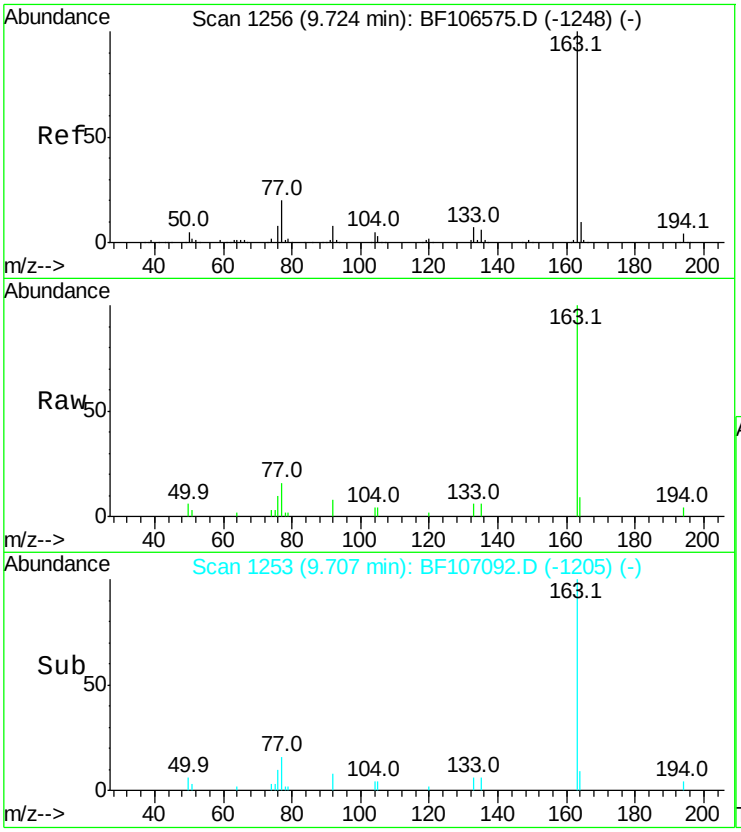


#44
2-Fluorobiphenyl
Concen: 36.340 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:172 Resp: 201956

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.7	44.5
170	23.3	19.6	29.4



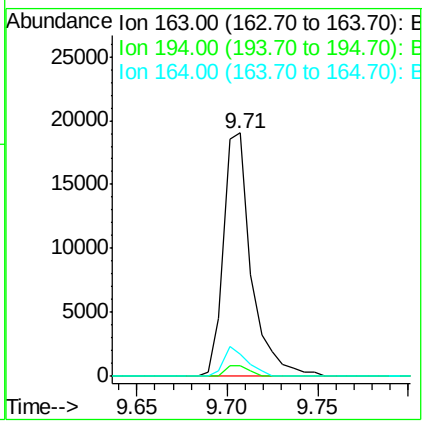


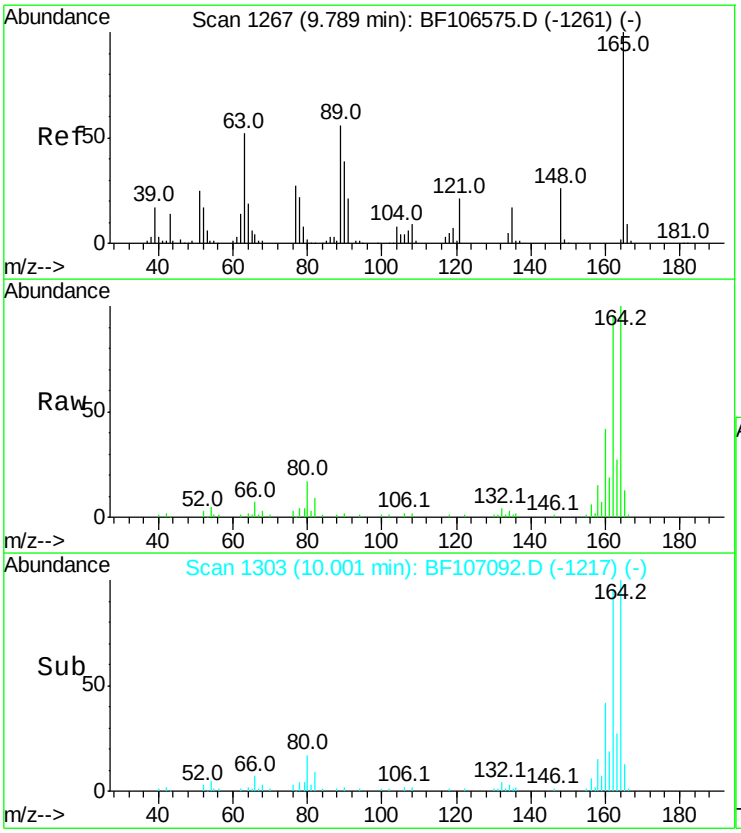
#49
Dimethylphthalate
Concen: 3.555 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 20350

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.2	8.2	12.2

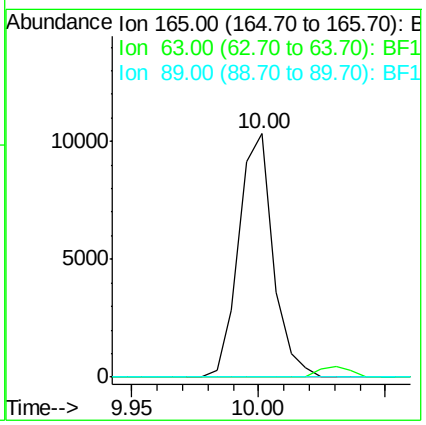


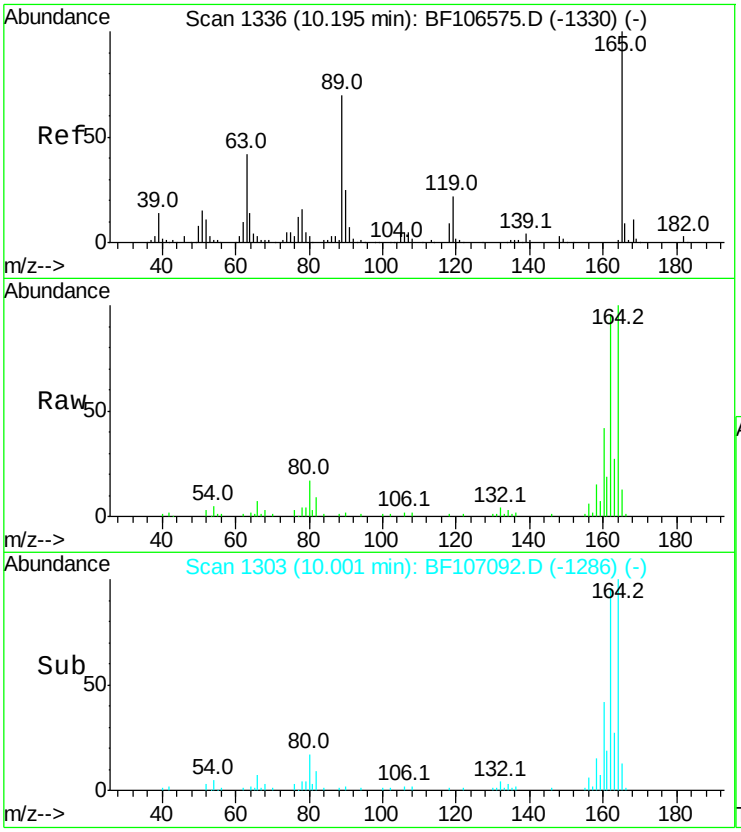


#50
2,6-Dinitrotoluene
Concen: 8.040 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:165 Resp: 9746

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



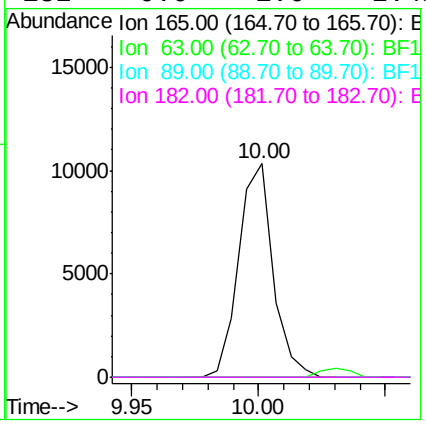


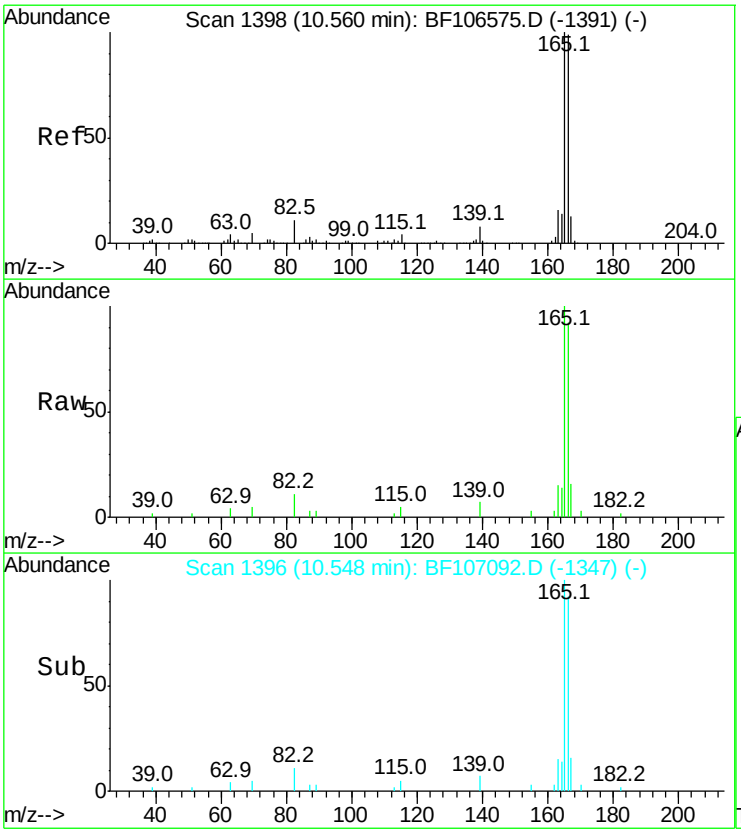
#56
2,4-Dinitrotoluene
Concen: 6.159 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9746

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

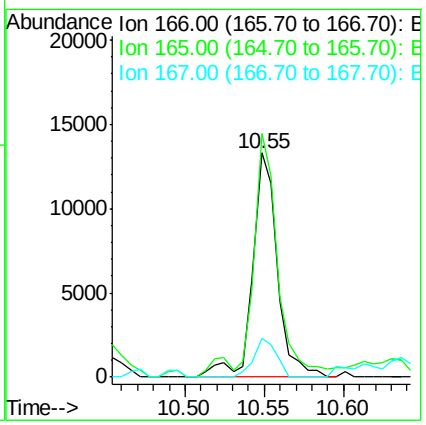


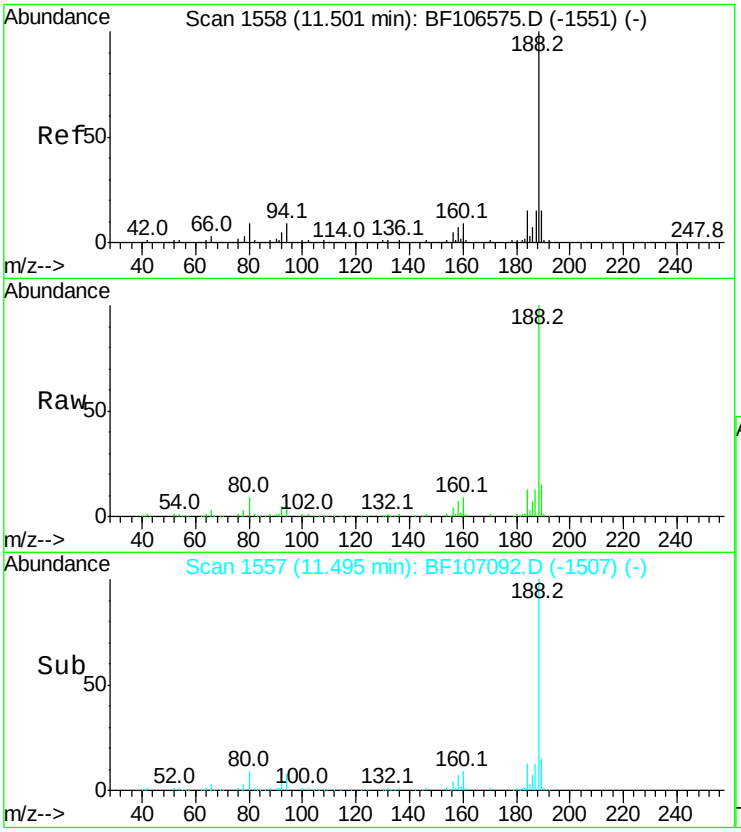


#57
Fluorene
Concen: 2.803 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:166 Resp: 14501

Ion	Ratio	Lower	Upper
166	100		
165	108.5	79.8	119.8
167	17.1	10.6	16.0#



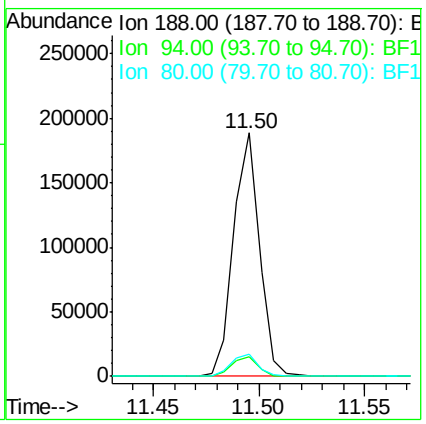


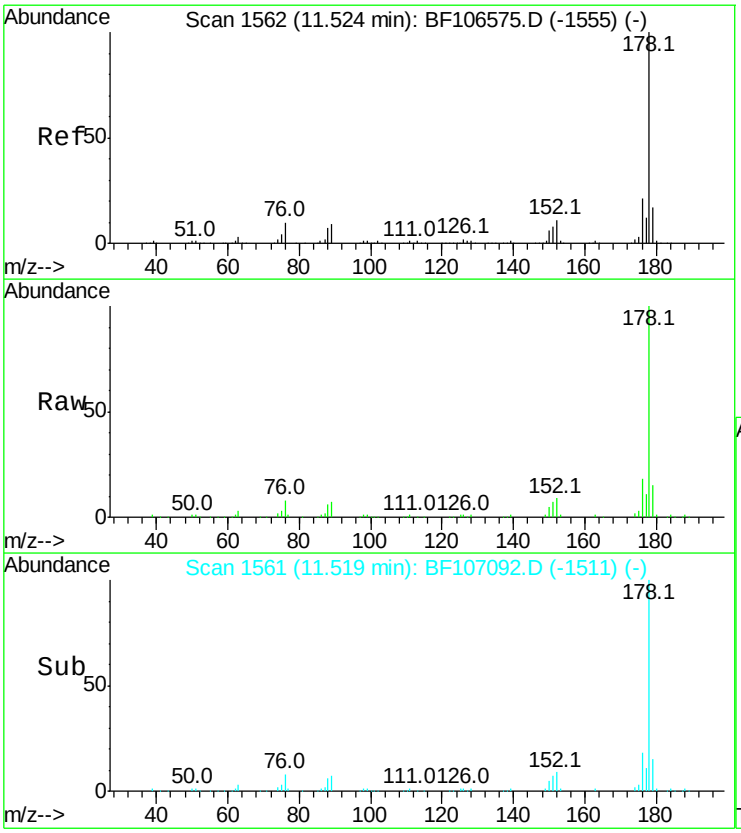
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 159418

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.0	9.2	13.8#

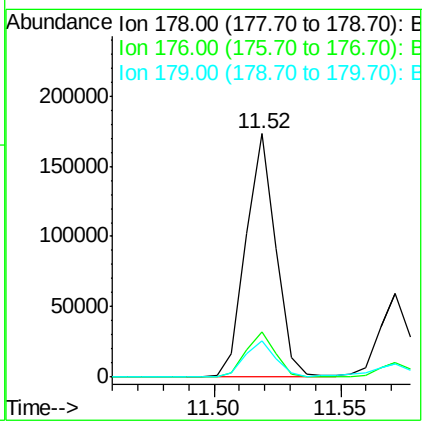


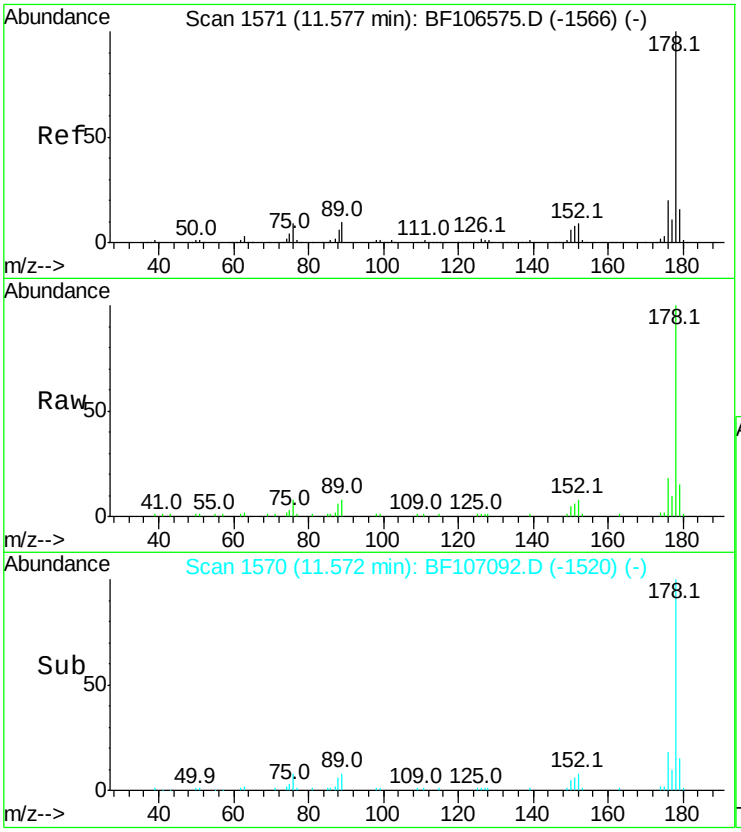


#70
Phenanthrene
Concen: 18.540 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:178 Resp: 142557

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.0	13.0	19.6



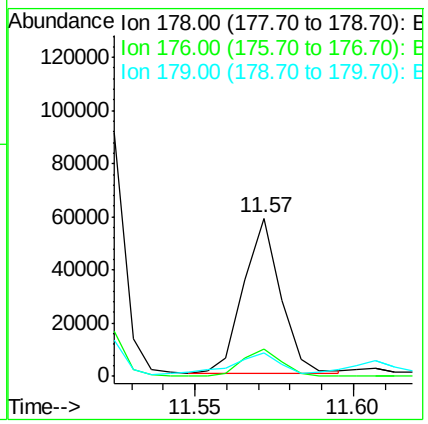


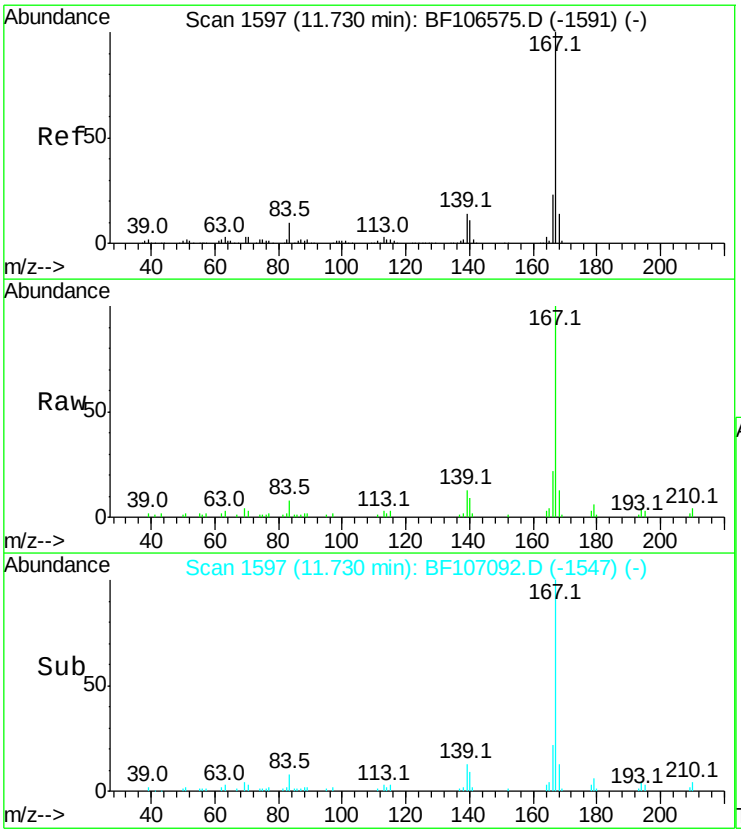
#71
Anthracene
Concen: 6.078 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 47699

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	15.2	12.6	19.0

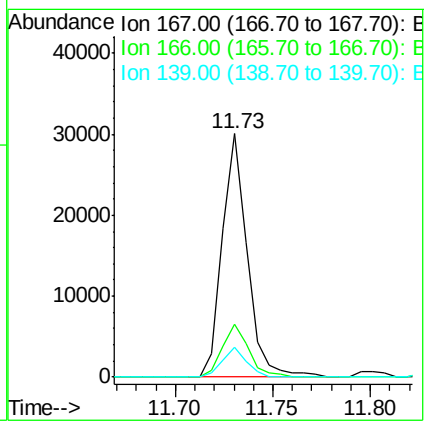


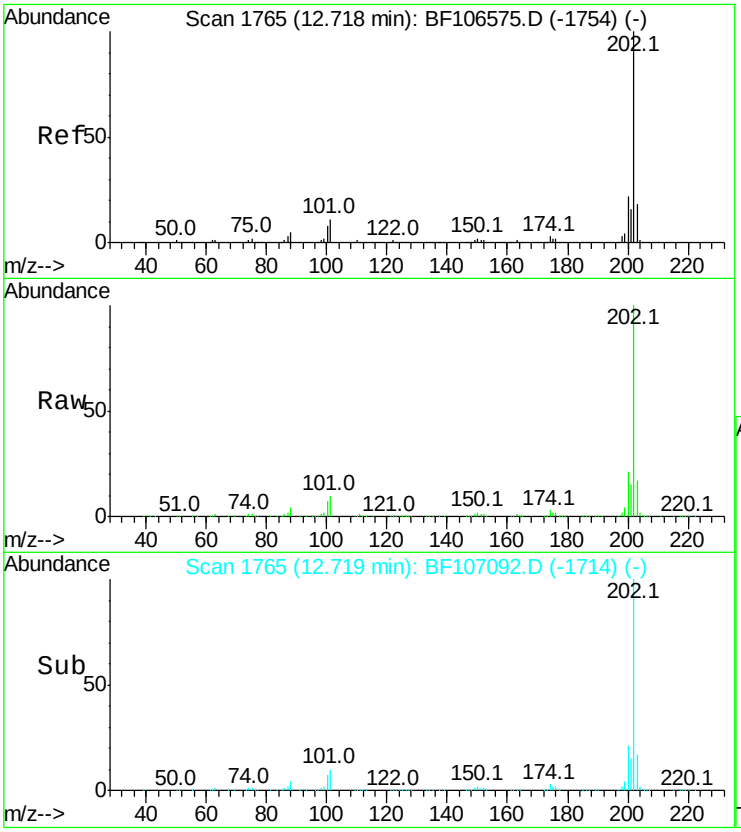


#72
Carbazole
Concen: 3.657 ng
RT: 11.73 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:167 Resp: 26868

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.5	10.9	16.3



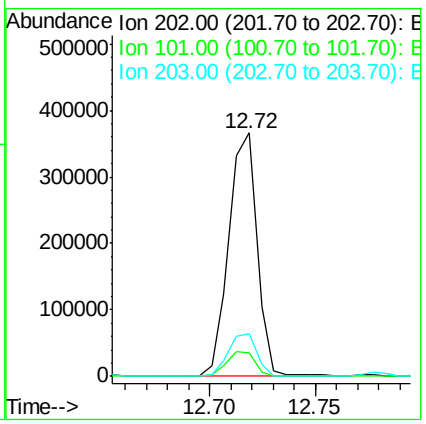


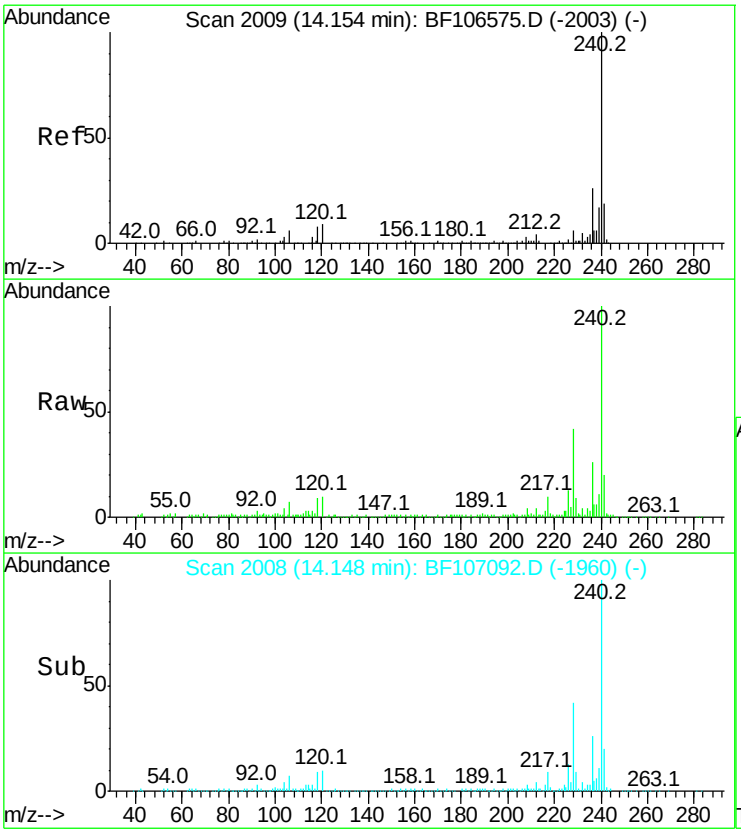
#74
Fluoranthene
Concen: 40.089 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 339746

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	17.4	0.0	38.1

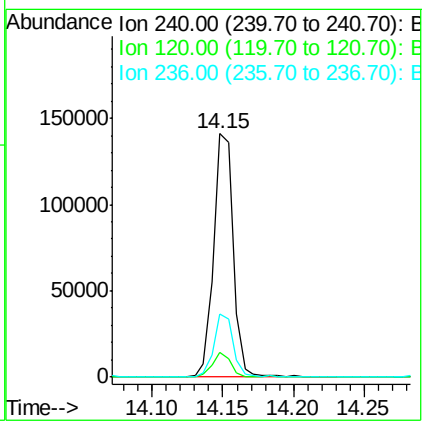


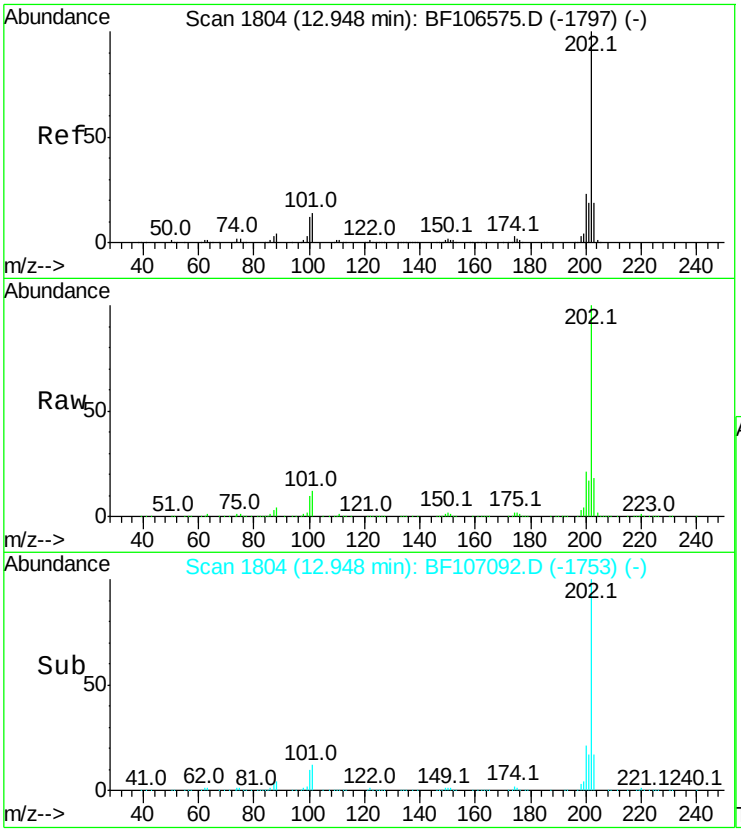


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:240 Resp: 135533

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.0	20.7	31.1



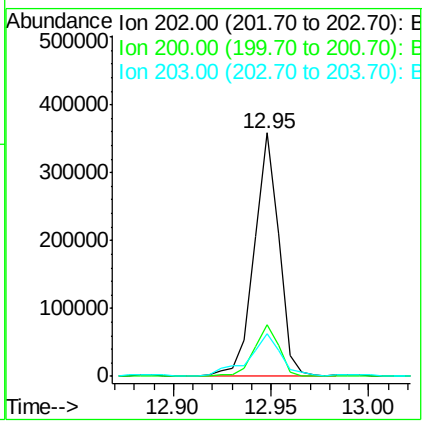


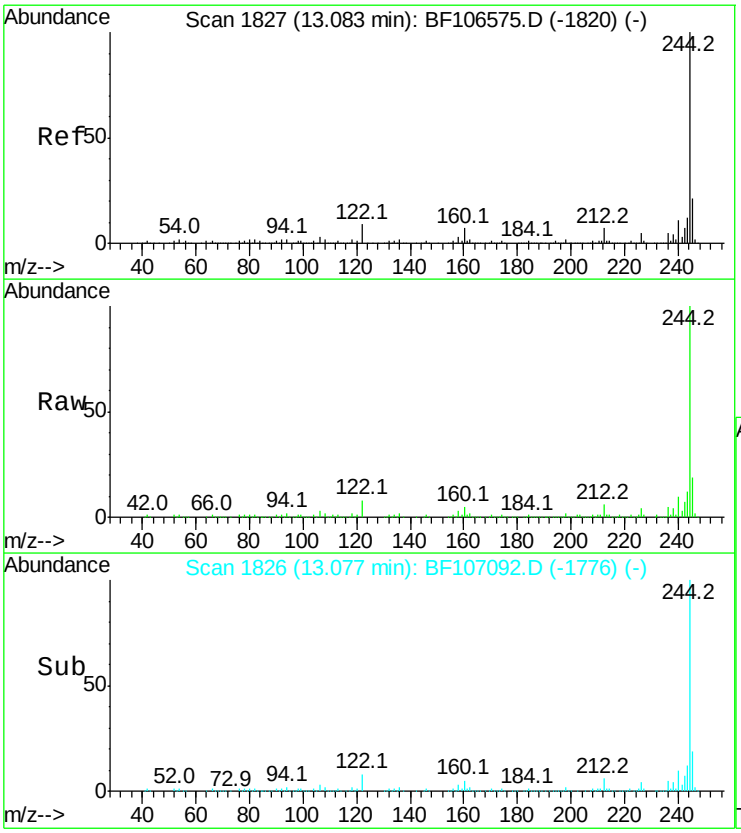
#77
Pyrene
Concen: 35.015 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 312943

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.7	14.3	21.5

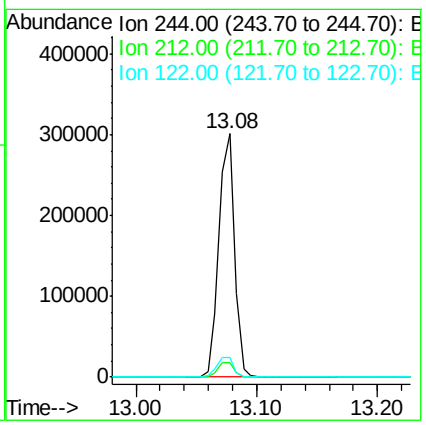


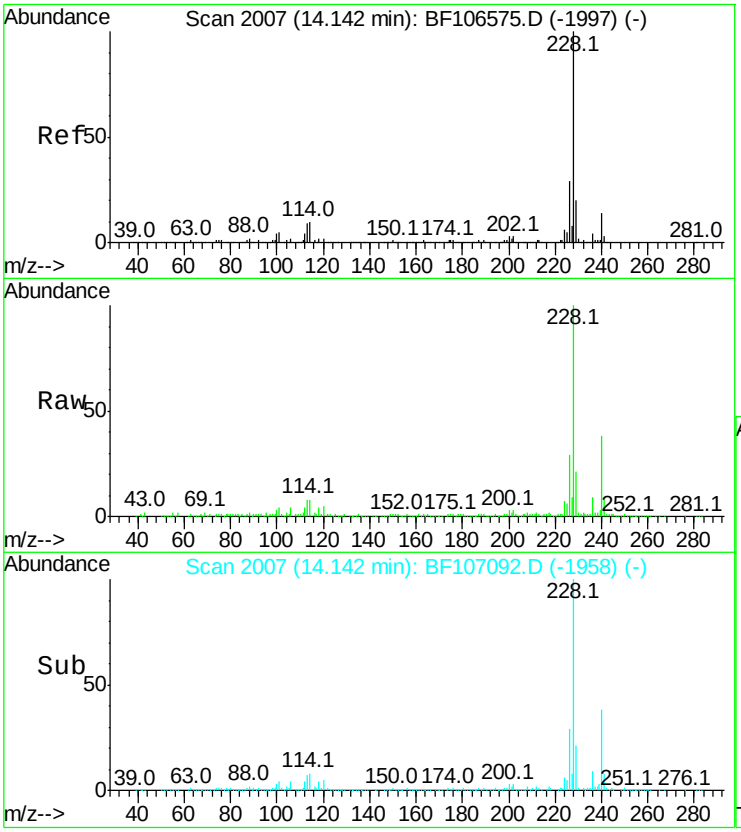


#78
Terphenyl-d14
Concen: 48.063 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:244 Resp: 268923

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	8.1	11.0	16.4#



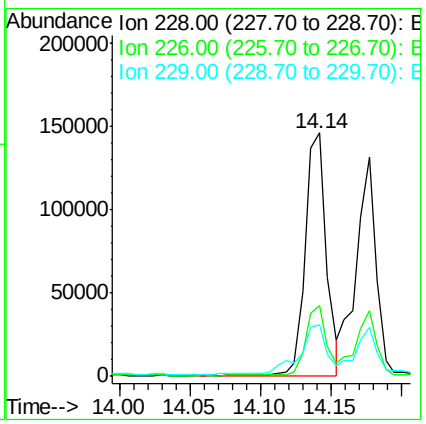


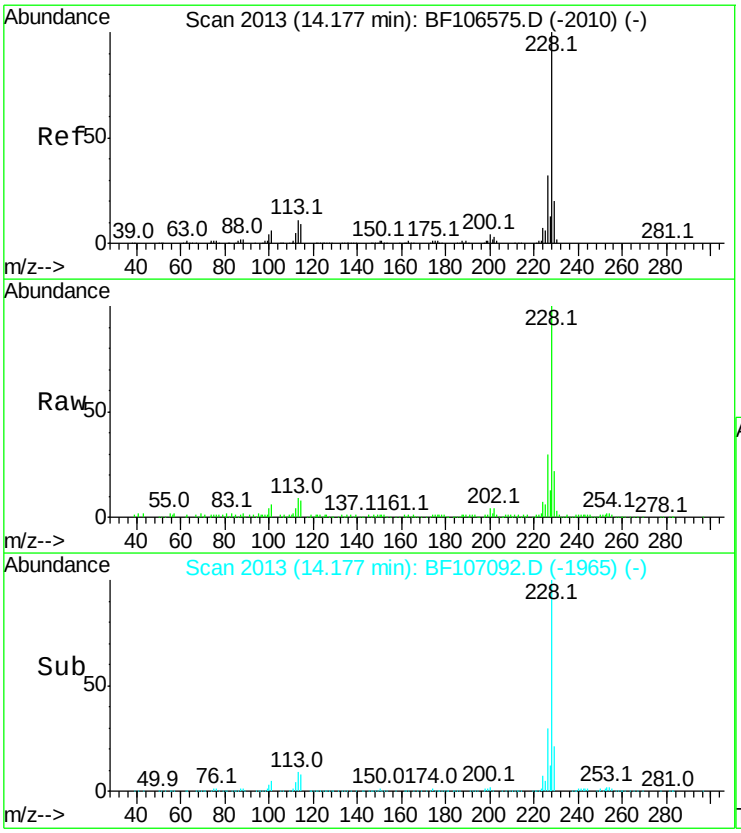
#80
Benzo(a)anthracene
Concen: 18.275 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 150958

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.4	15.8	23.6

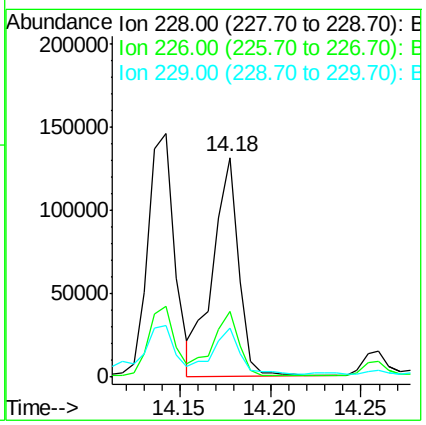


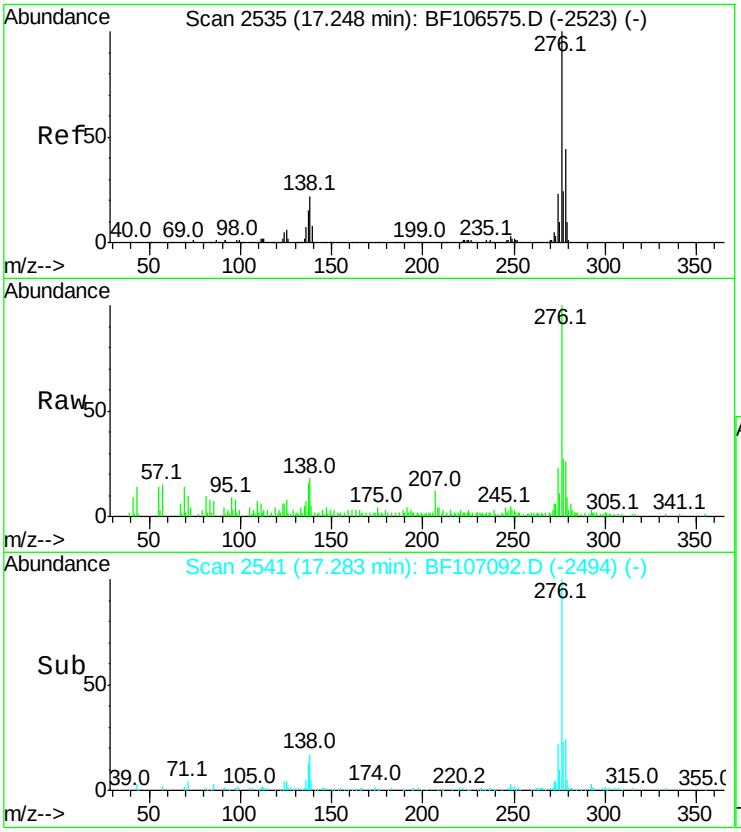


#82
Chrysene
Concen: 17.196 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:228 Resp: 130679

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.3	16.2	24.4



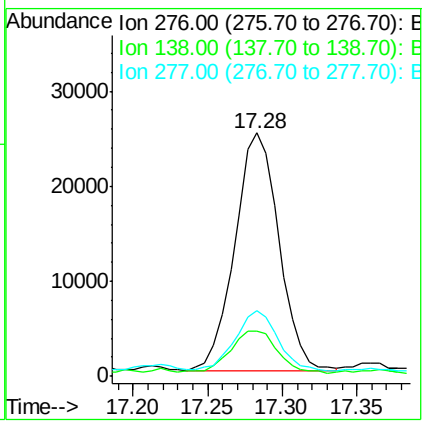


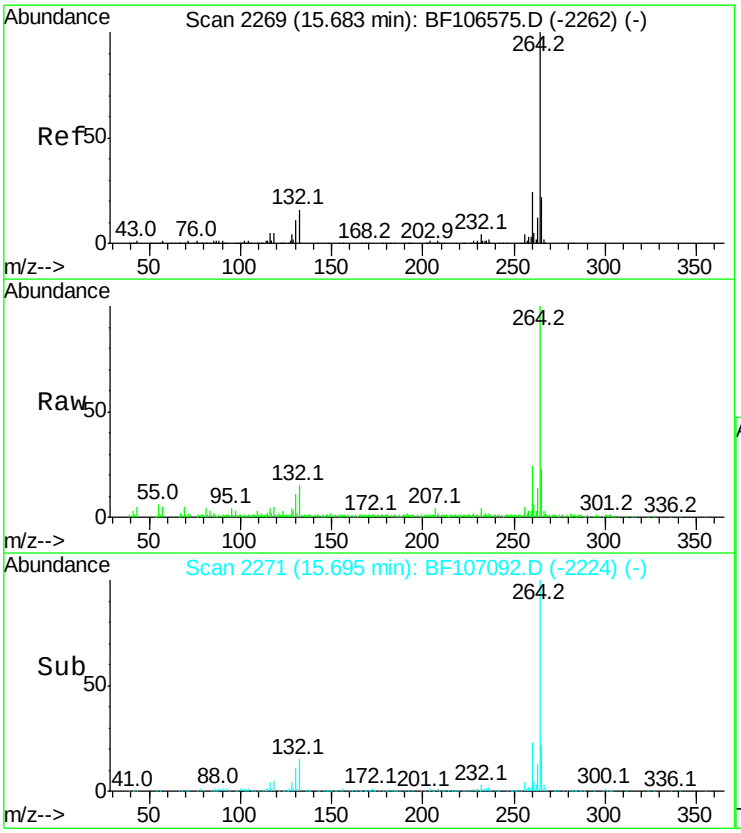
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.910 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 51013

Ion	Ratio	Lower	Upper
276	100		
138	18.8	25.0	37.6#
277	24.8	20.1	30.1

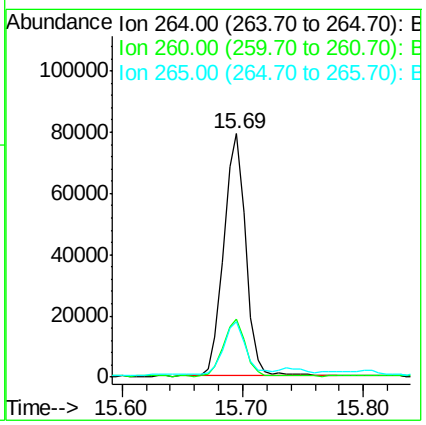


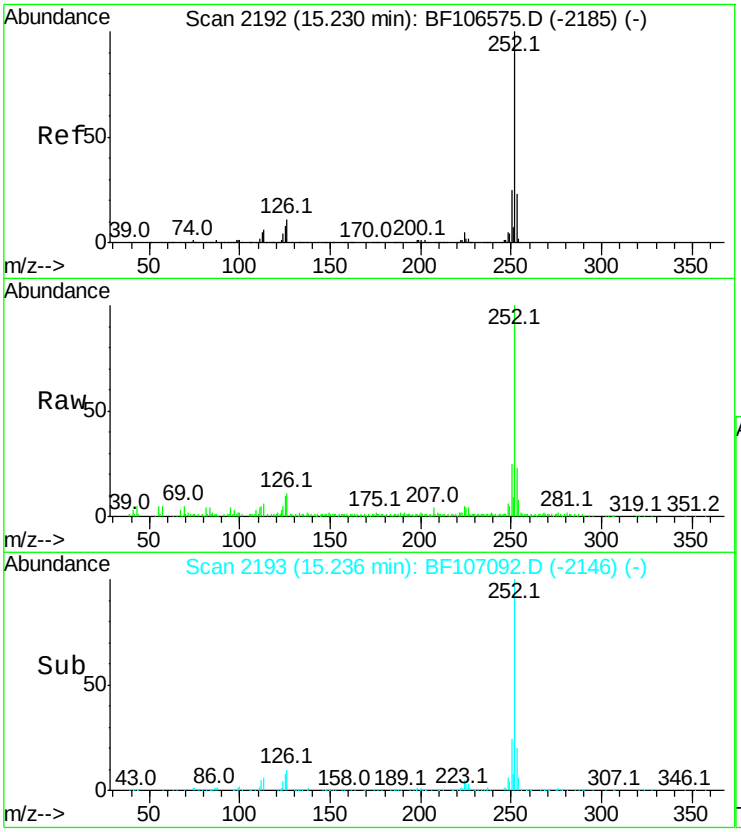


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:264 Resp: 100435

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.9	17.5	26.3



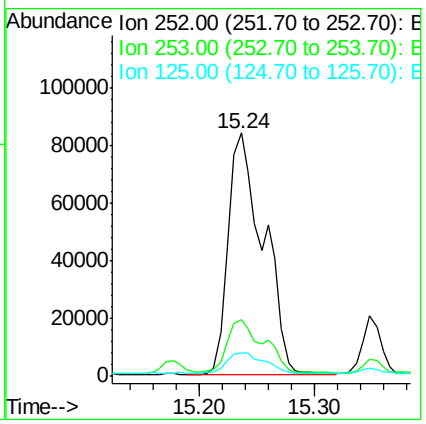


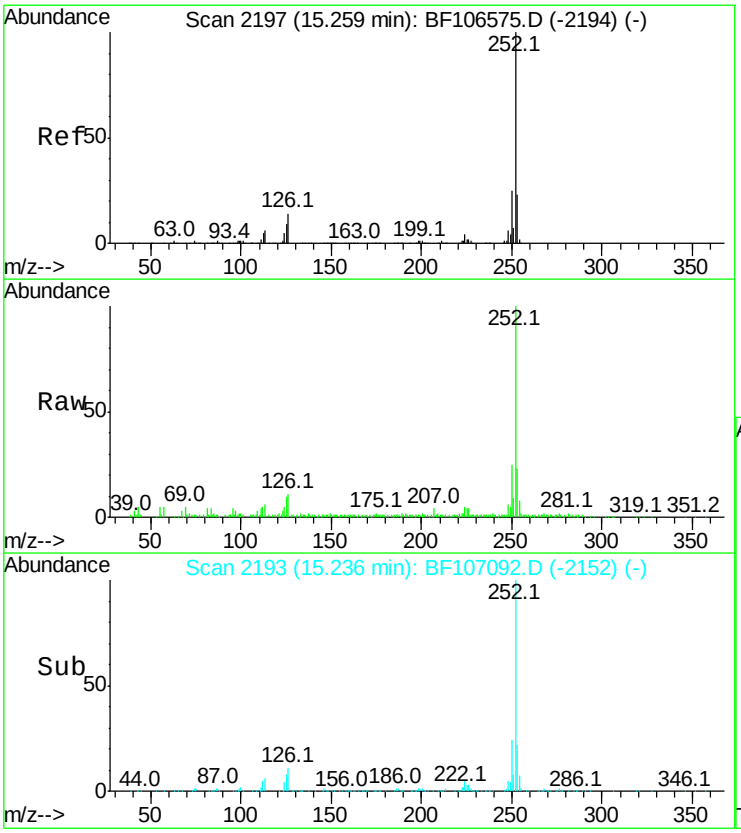
#87
Benzo(b)fluoranthene
Concen: 28.496 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 177788

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	9.6	9.0	13.6

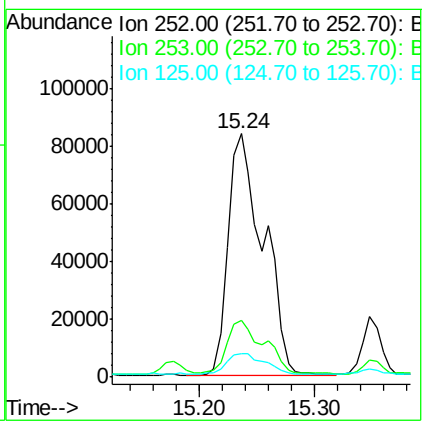


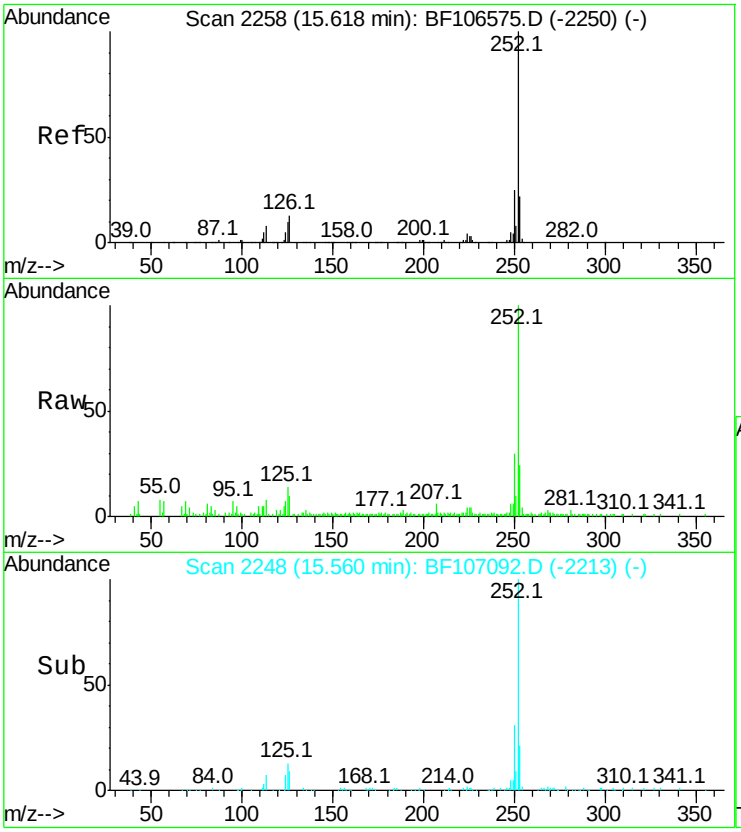


#88
Benzo(k)fluoranthene
Concen: 29.924 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:252 Resp: 177788

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	9.6	10.2	15.2#



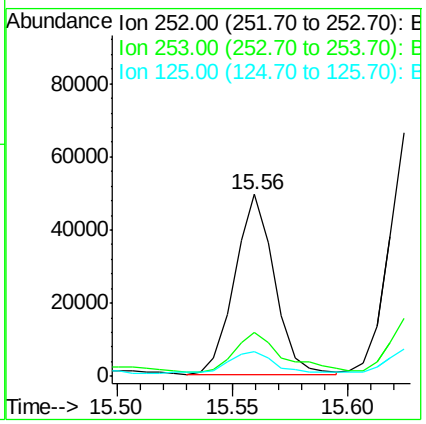


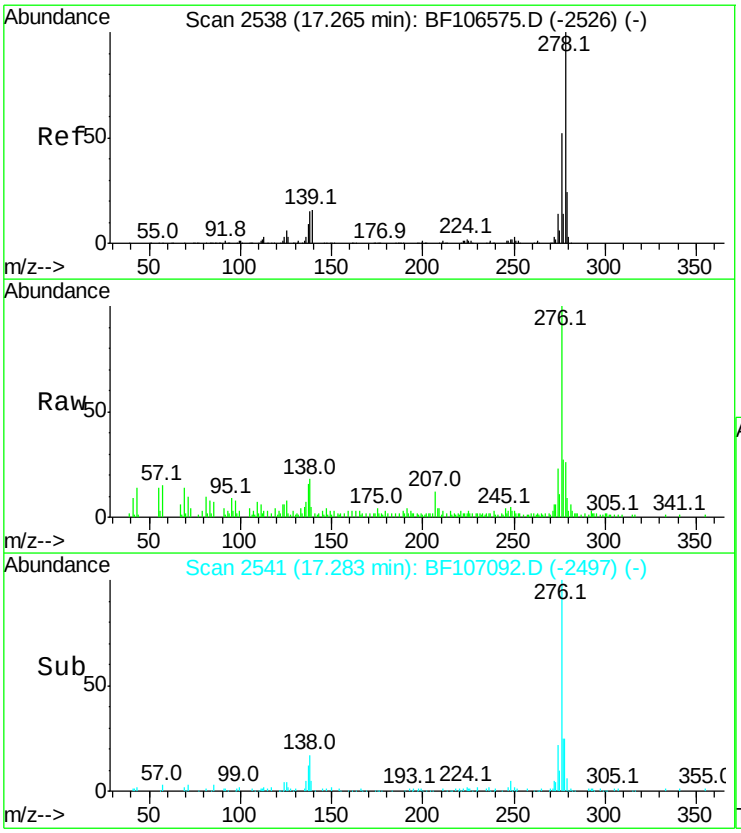
#89
Benzo(a)pyrene
Concen: 10.560 ng
RT: 15.56 min Scan# 2248
Delta R.T. -0.09 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 58567

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	13.5	9.8	14.6

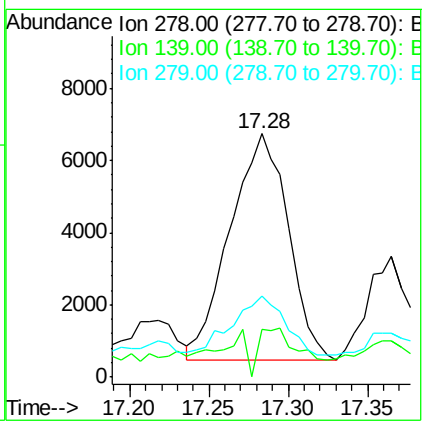


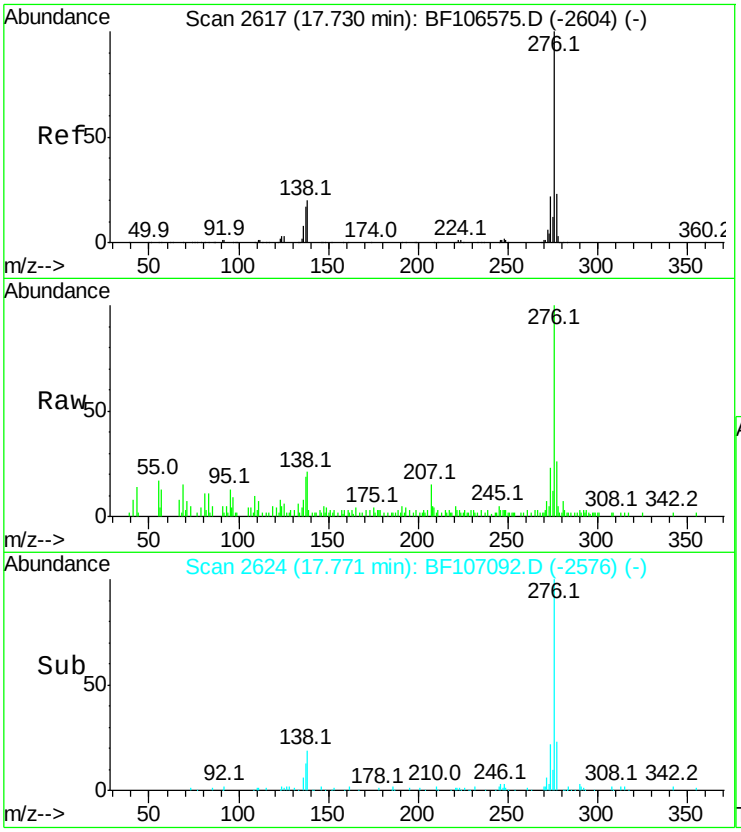


#90
Dibenzo(a,h)anthracene
Concen: 3.383 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.04 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Tgt Ion:278 Resp: 15903

Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.9	23.9
279	33.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.983 ng
RT: 17.77 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF107092.D
Acq: 3 Jul 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45867

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	20.7	21.8	32.8#