Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101066.D
Acq On : 1 Dec 2017 16:37
Operator : SJ/JU
Sample : I6618-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-6(0-5)

Quant Time: Dec 01 21:50:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54900	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	213493	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	95996	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	164725	20.00	ng		0.00
75) Chrysene-d12	14.02	240	128045	20.00	ng		0.00
86) Perylene-d12	15.50	264	119115	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	313388	94.33	ng		0.00
7) Phenol-d6	6.48	99	379955	94.20	ng		0.00
23) Nitrobenzene-d5	7.41	82	234754	65.59	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	72591	62.95	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	460448	65.63	ng		0.00
78) Terphenyl-d14	12.96	244	350284	59.84	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	15716	3.504	ng		97
19) n-Nitroso-di-n-propylamine	7.41	70	30697	11.300	ng	#	83
25) Isophorone	7.41	82	234751	38.401	ng	#	64
49) Dimethylphthalate	9.59	163	23228	3.000	ng	#	96
56) 2,4-Dinitrotoluene	9.89	165	13261	6.068	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	4842	2.626	ng	#	1
70) Phenanthrene	11.40	178	76023	8.381	ng		97
71) Anthracene	11.44	178	23488	2.558	ng		97
74) Fluoranthene	12.59	202	145204	14.440	ng		96
77) Pyrene	12.82	202	134079	15.175	ng		98
80) Benzo(a)anthracene	14.01	228	71383	8.830	ng		98
82) Chrysene	14.04	228	68778	9.160	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	30353	4.547	ng		95
87) Benzo(b)fluoranthene	15.06	252	108769	15.245	ng	#	93
88) Benzo(k)fluoranthene	15.06	252	108769	15.474	ng		95
89) Benzo(a)pyrene	15.43	252	57844	8.918	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
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Acq On : 1 Dec 2017 16:37
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Misc :
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Instrument :
BNA_F
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ENV-106-6(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
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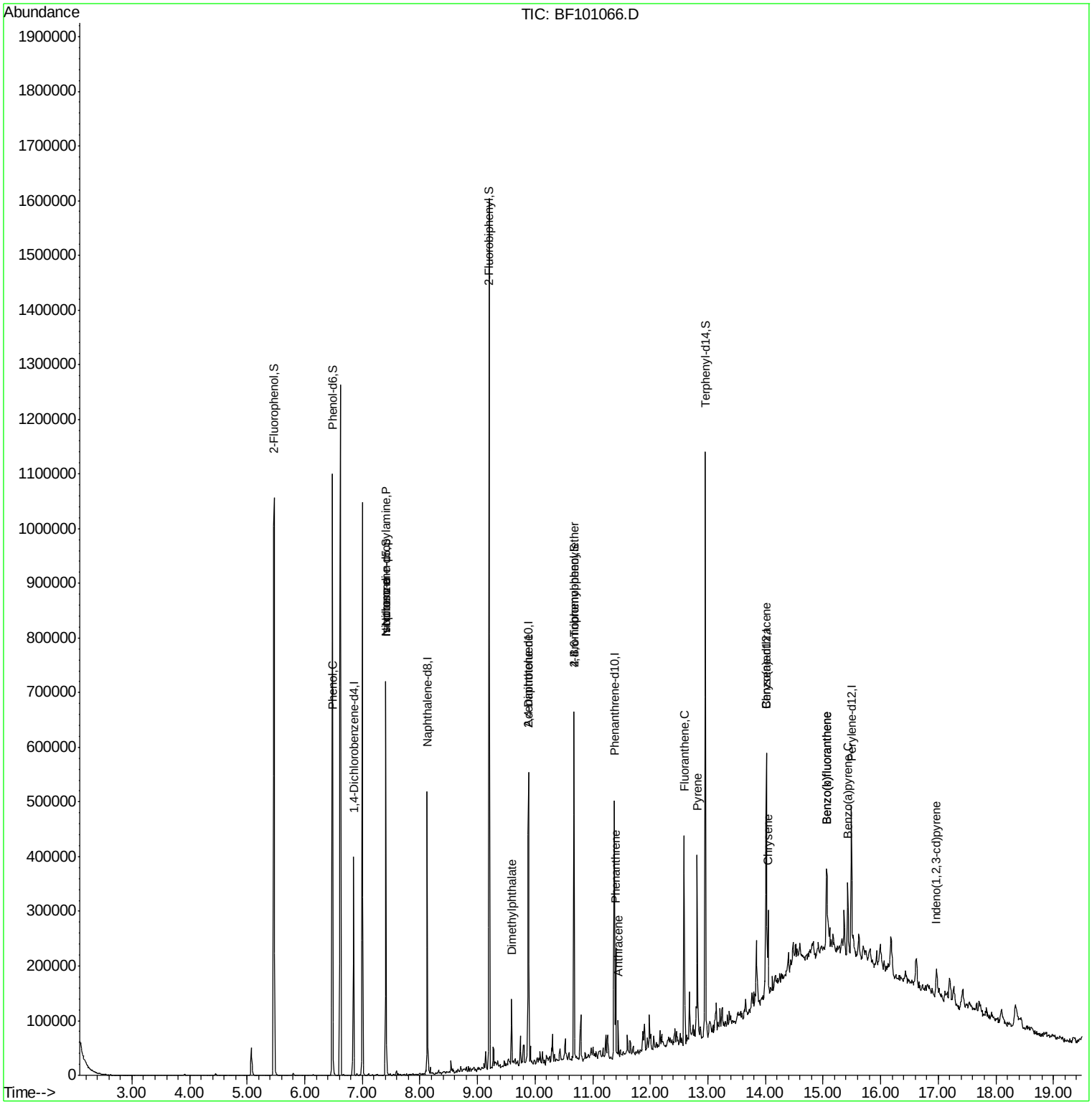
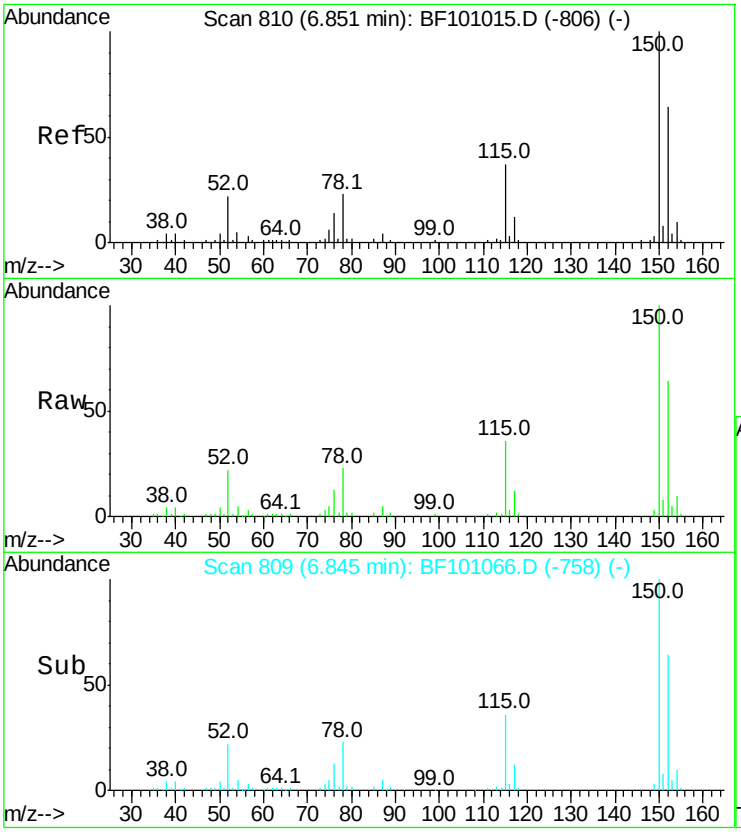


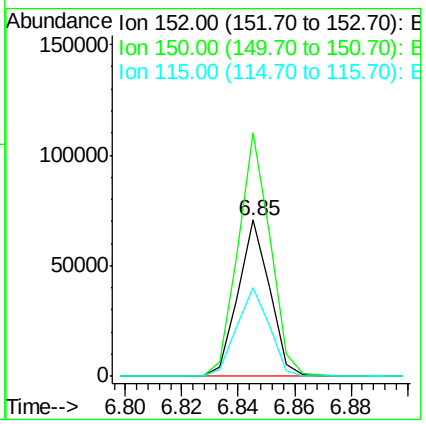


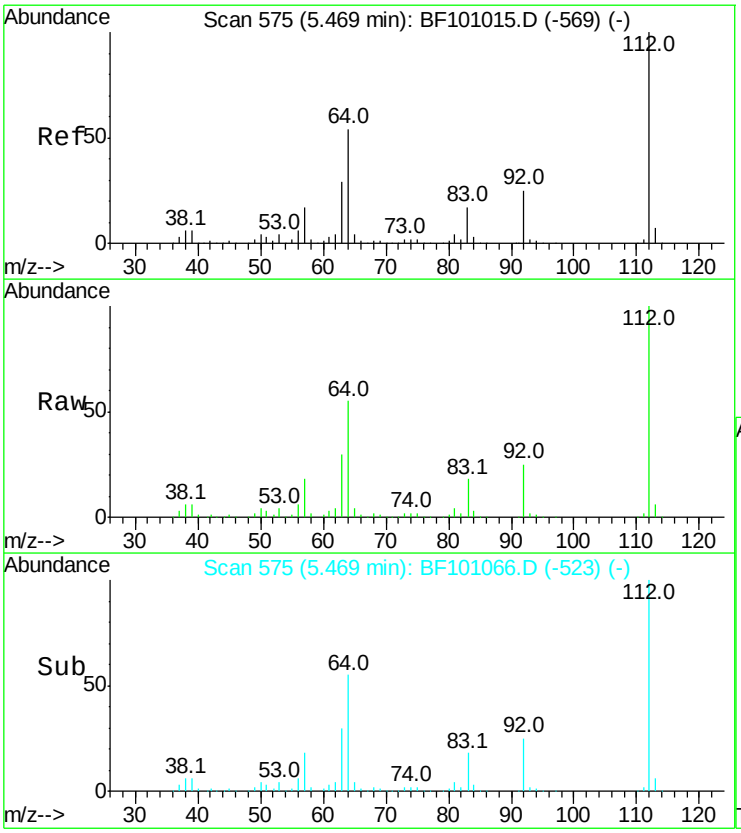
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:152 Resp: 54900

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	56.8	50.1	75.1

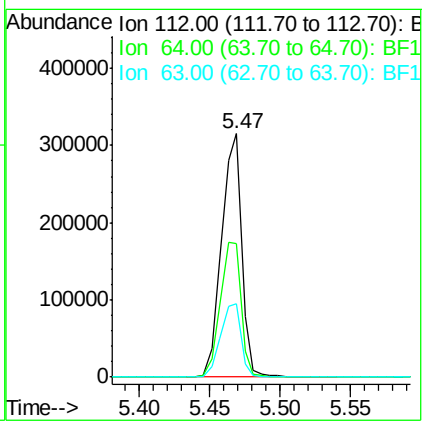


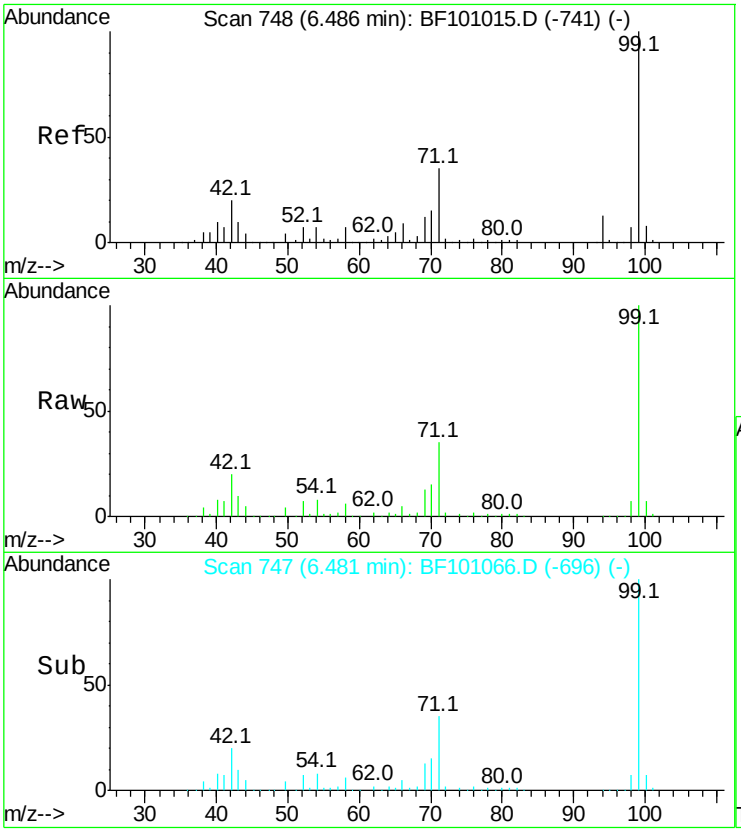


#5
2-Fluorophenol
Concen: 94.327 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:112 Resp: 313388

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	30.3	23.7	35.5



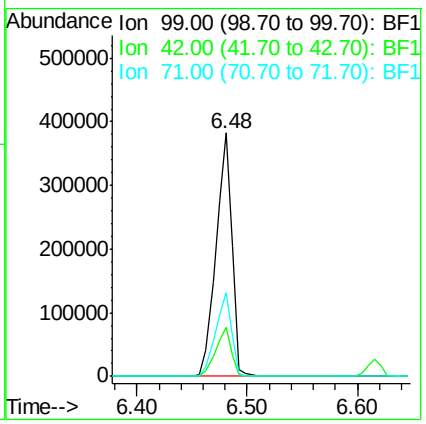


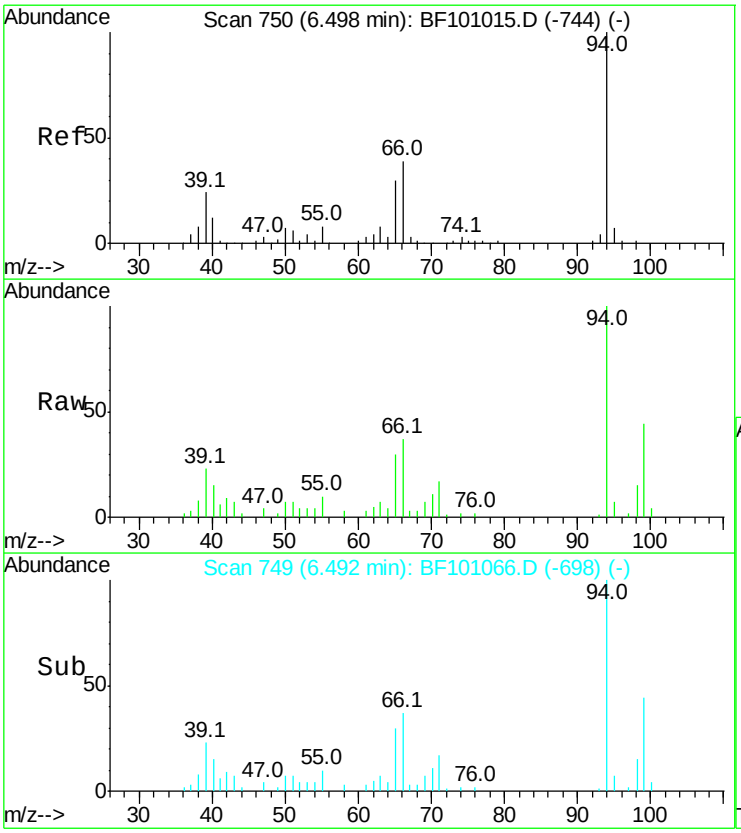
#7
Phenol-d6
Concen: 94.196 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion: 99 Resp: 379955

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	34.5	25.4	38.0

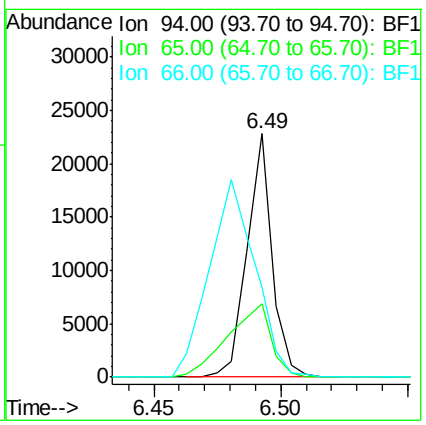


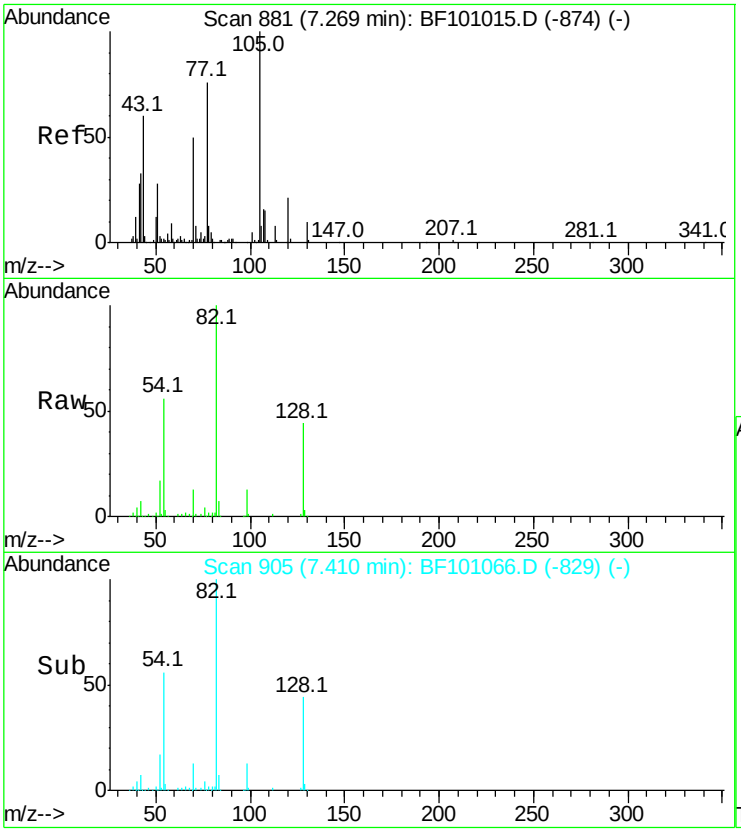


#10
Phenol
Concen: 3.504 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion: 94 Resp: 15716

Ion	Ratio	Lower	Upper
94	100		
65	30.1	7.9	47.9
66	37.1	16.2	56.2



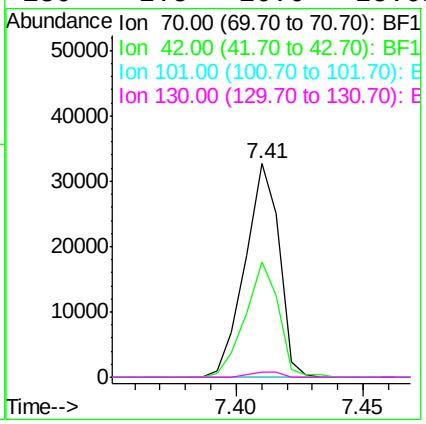


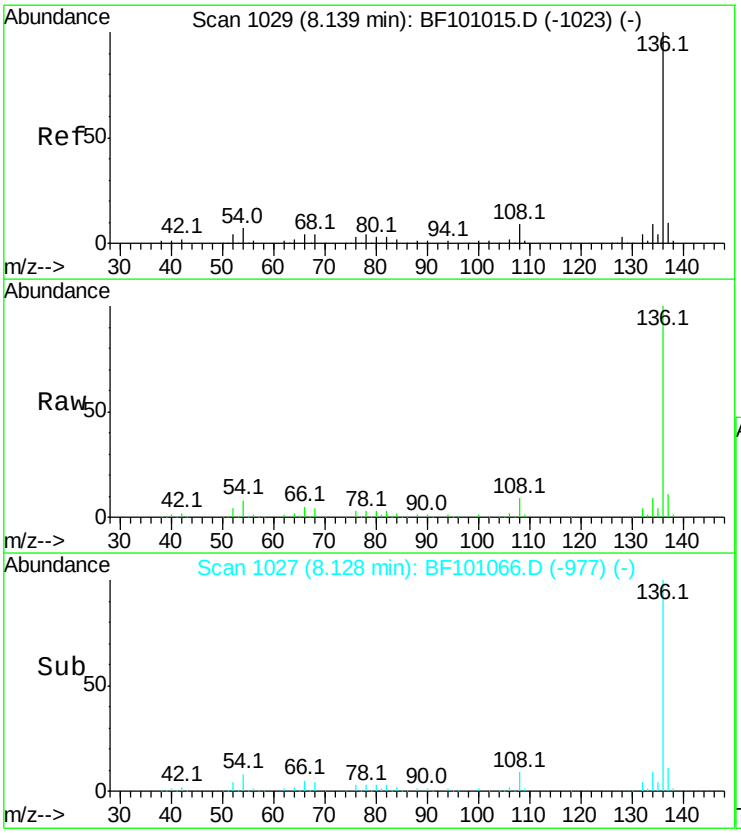
#19
n-Nitroso-di-n-propylamine
Concen: 11.300 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion: 70 Resp: 30697

Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

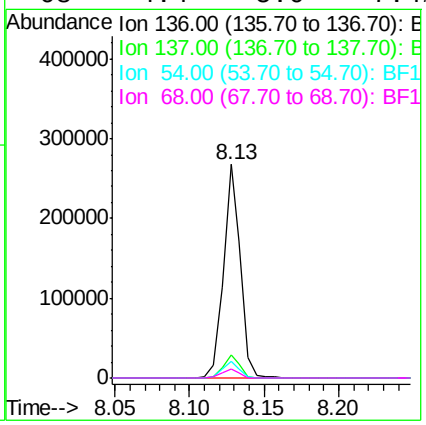


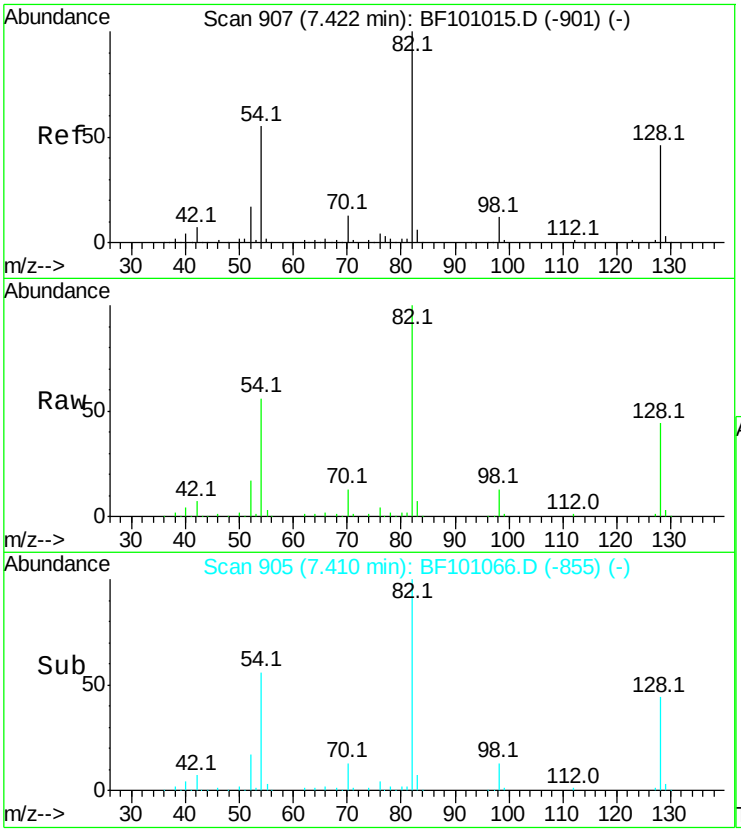


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:136 Resp: 213493

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.1	6.6	9.8
68	4.4	5.0	7.4#



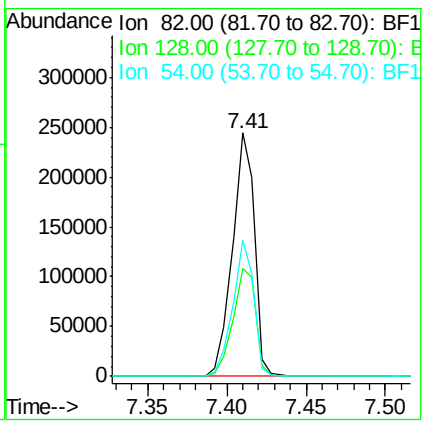


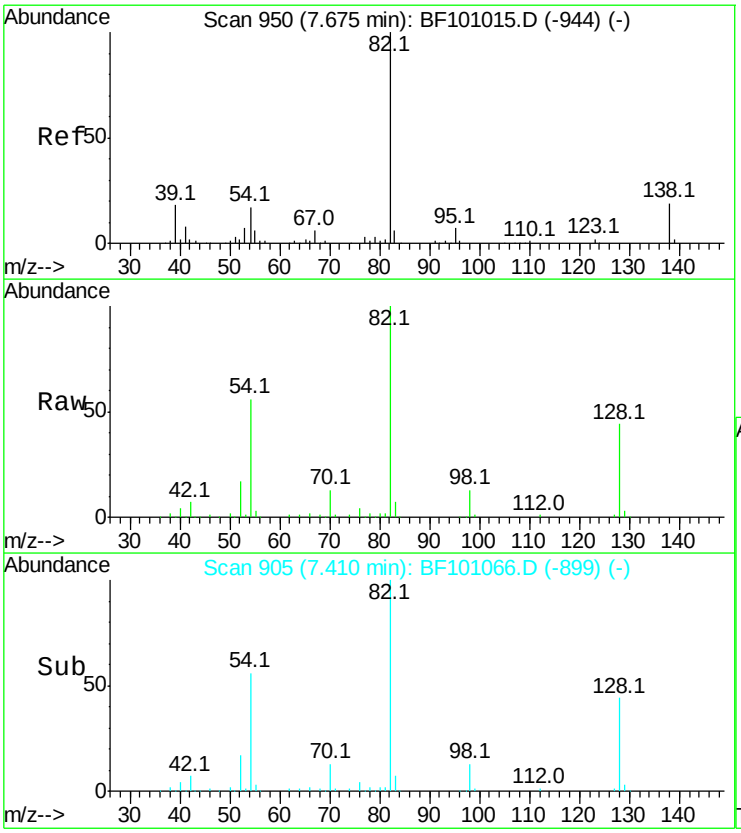
#23
Nitrobenzene-d5
Concen: 65.594 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion: 82 Resp: 234754

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	55.7	41.4	62.2

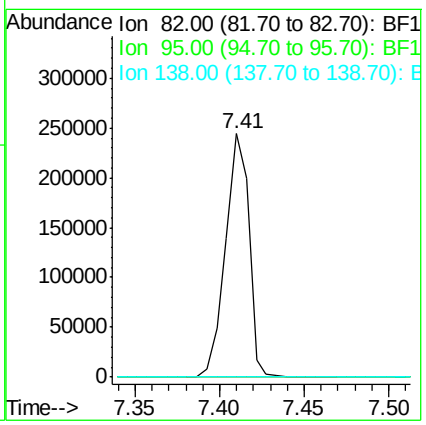


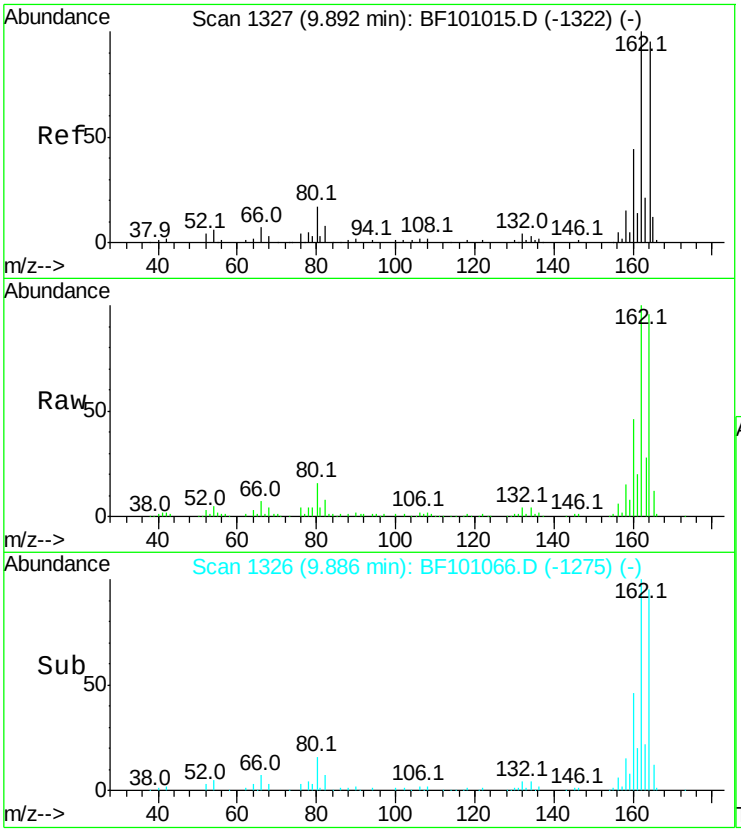


#25
Isophorone
Concen: 38.401 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion: 82 Resp: 234751

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



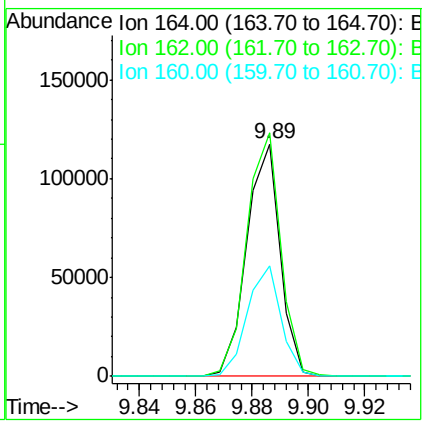


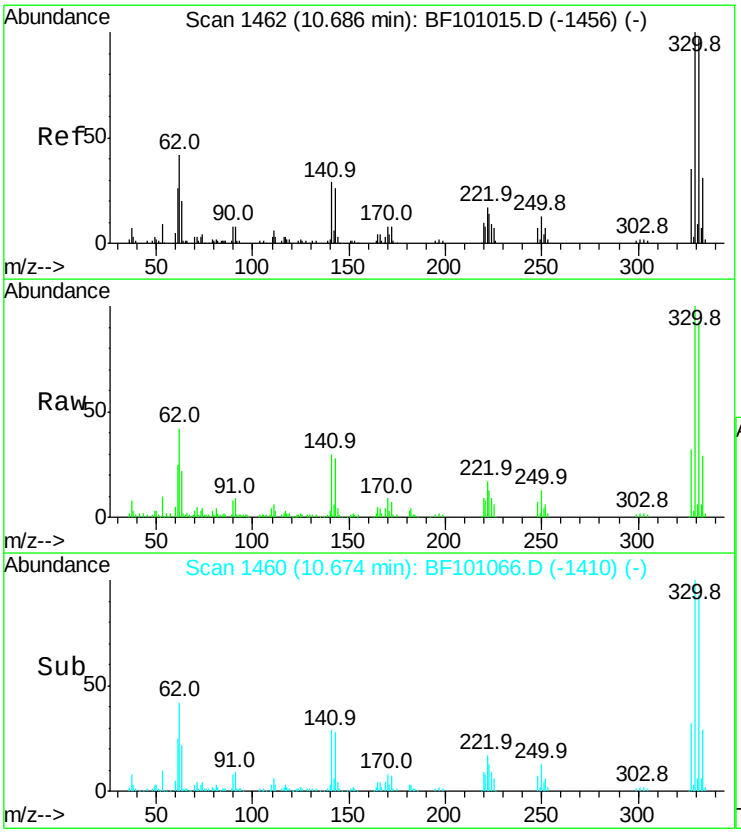
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:164 Resp: 95996

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.7	38.3	57.5

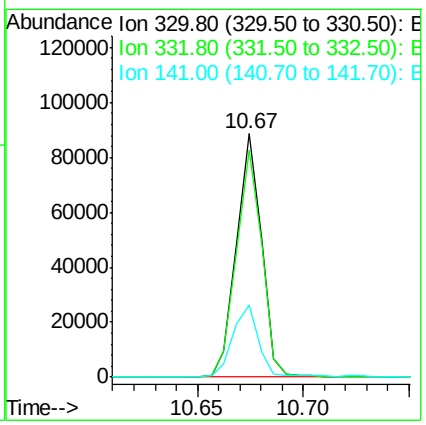


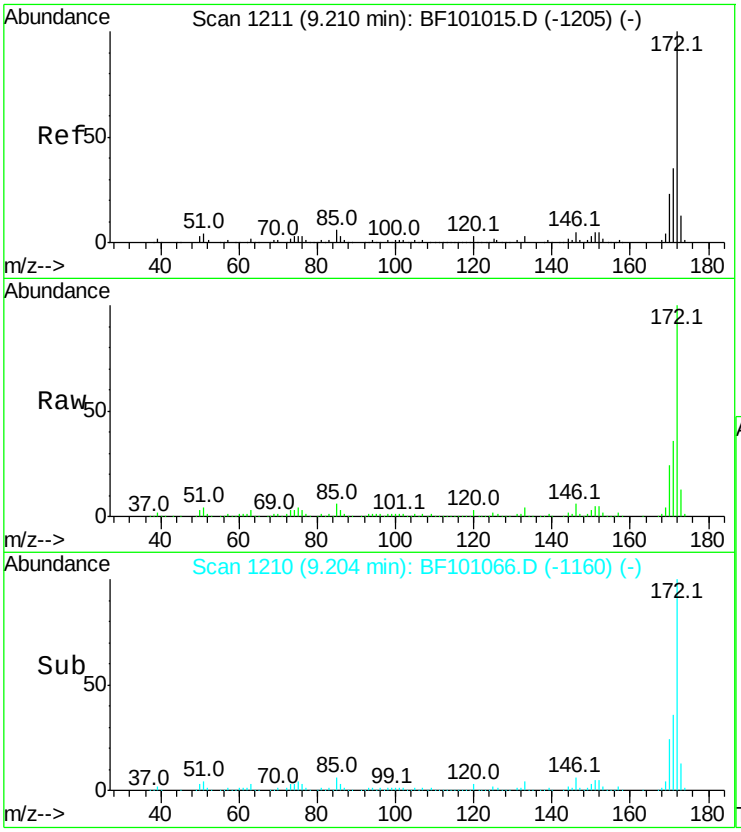


#41
2,4,6-Tribromophenol
Concen: 62.948 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:330 Resp: 72591

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	31.1	29.9	44.9



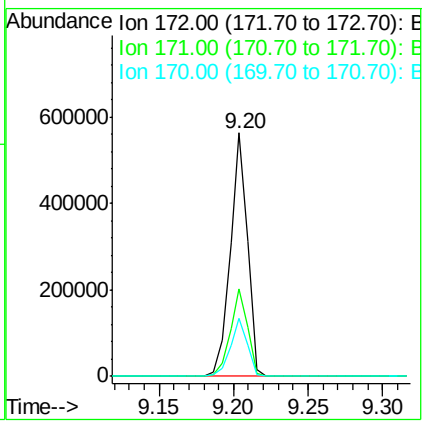


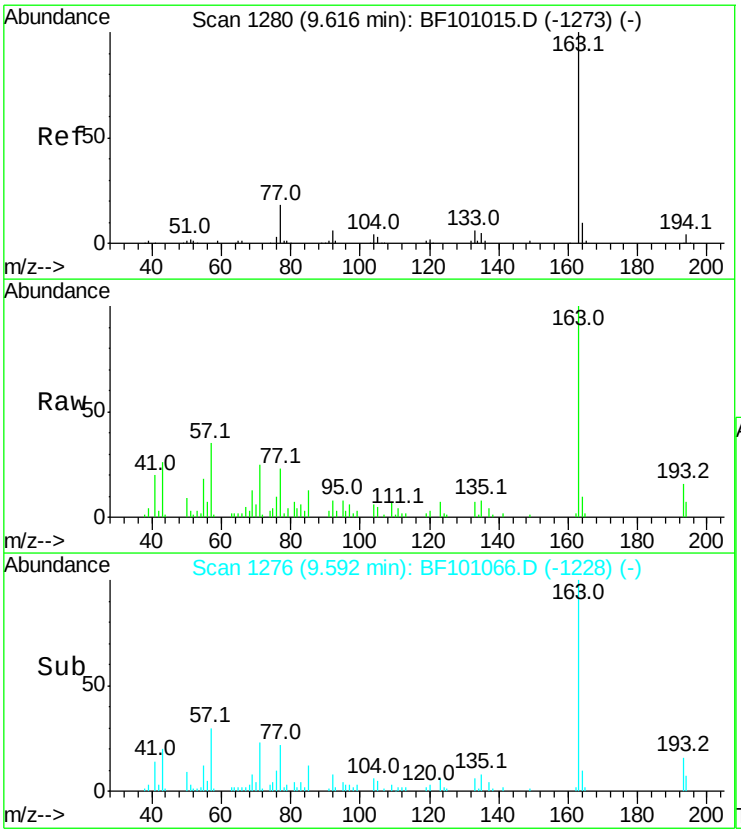
#44
2-Fluorobiphenyl
Concen: 65.626 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:172 Resp: 460448

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4

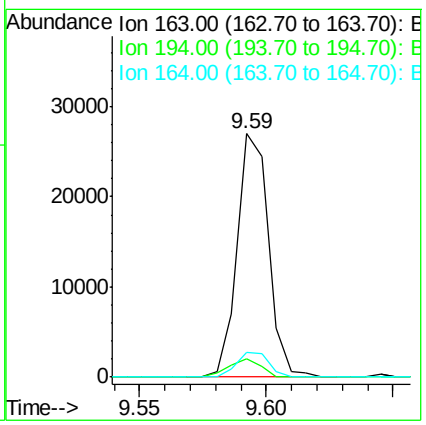


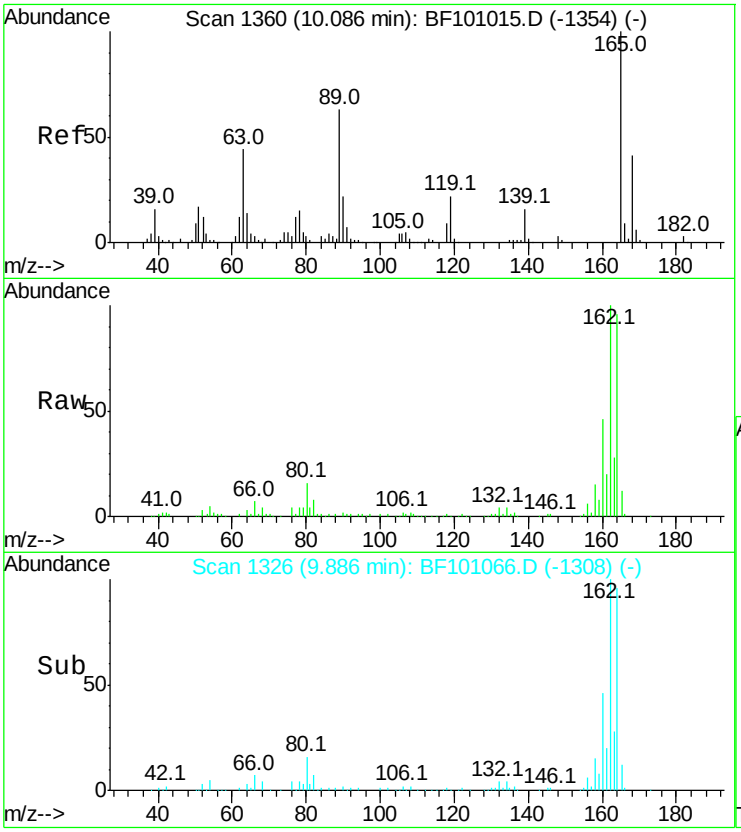


#49
Dimethylphthalate
Concen: 3.000 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:163 Resp: 23228

Ion	Ratio	Lower	Upper
163	100		
194	7.3	2.7	4.1#
164	9.9	8.2	12.2



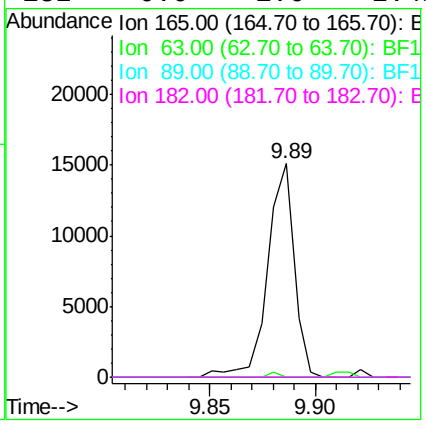


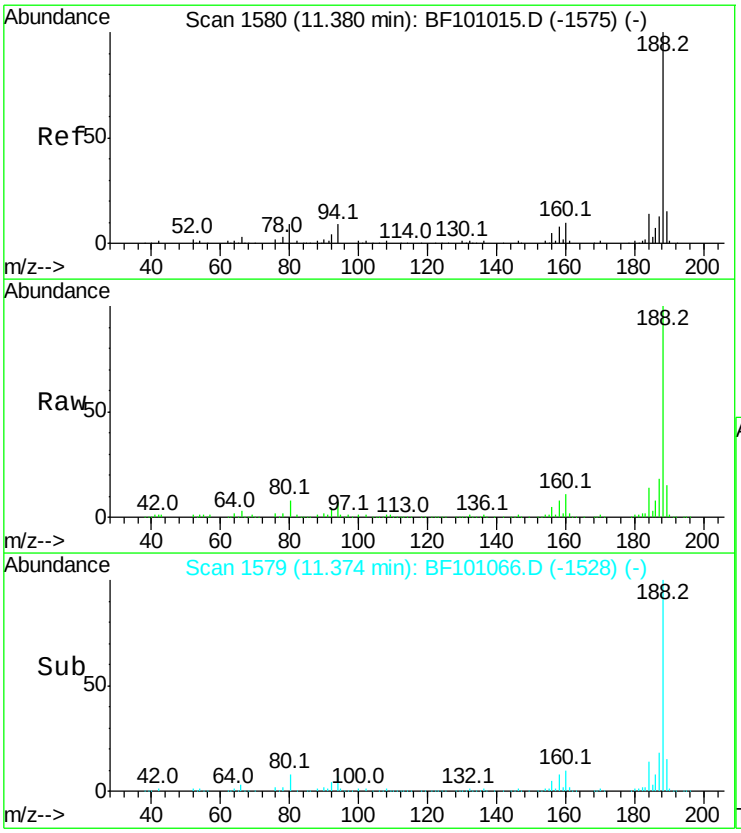
#56
2,4-Dinitrotoluene
Concen: 6.068 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:165 Resp: 13261

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#

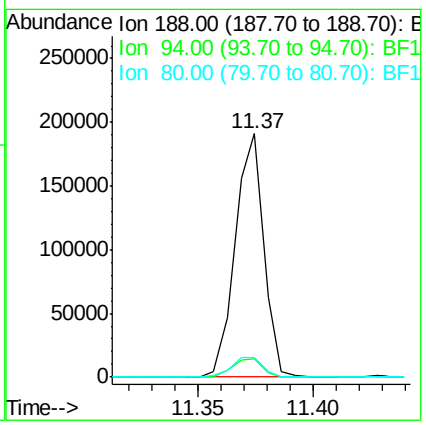


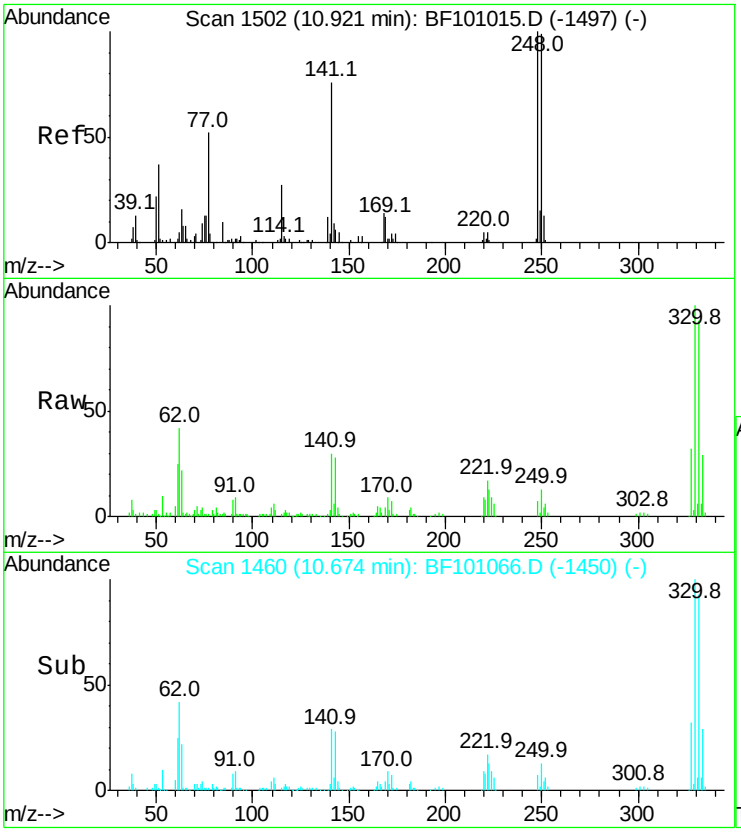


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:188 Resp: 164725

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.0	9.2	13.8#



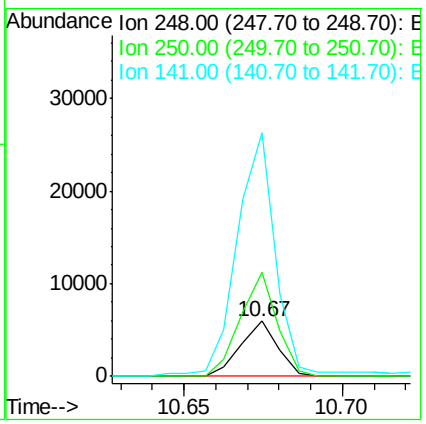


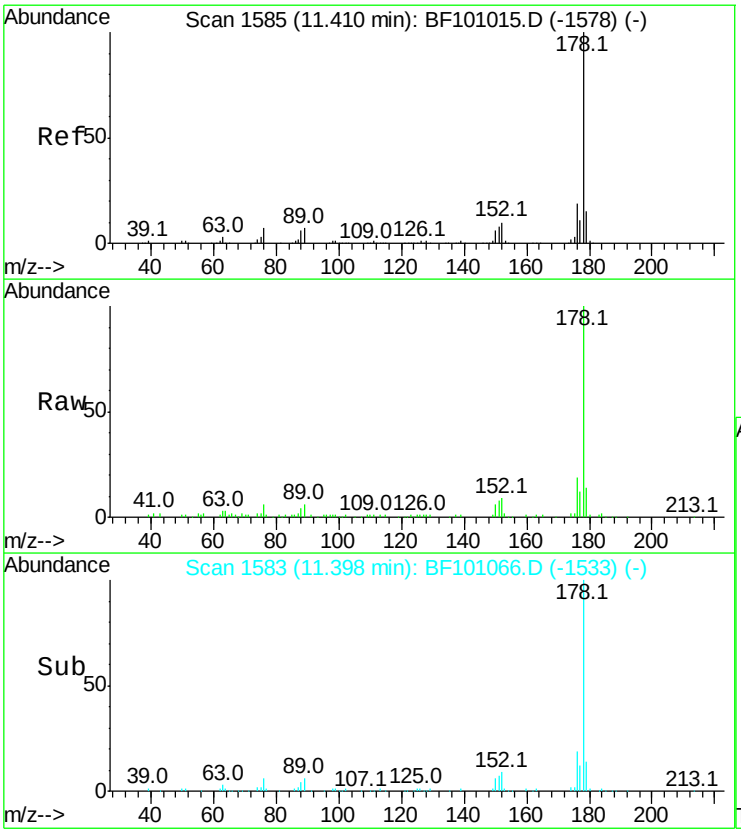
#66
4-Bromophenyl-phenylether
Concen: 2.626 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:248 Resp: 4842

Ion	Ratio	Lower	Upper
248	100		
250	189.9	76.9	115.3#
141	441.7	74.4	111.6#

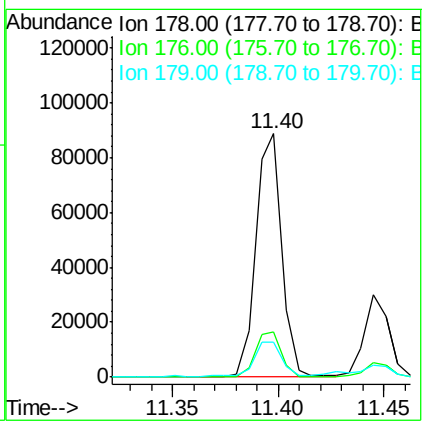


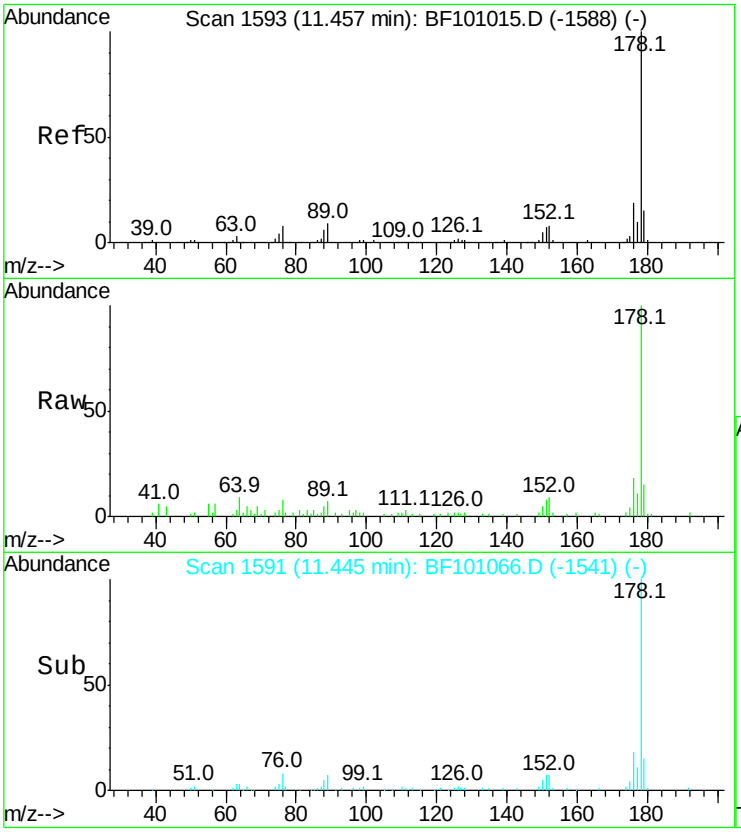


#70
Phenanthrene
Concen: 8.381 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:178 Resp: 76023

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.2	13.0	19.6



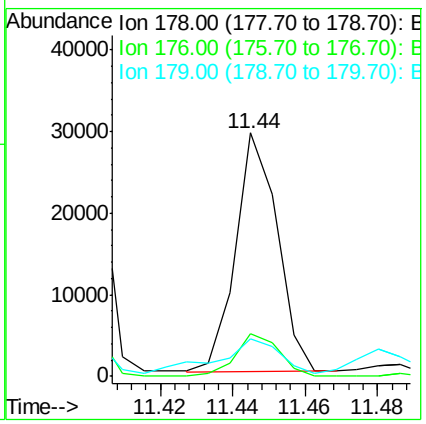


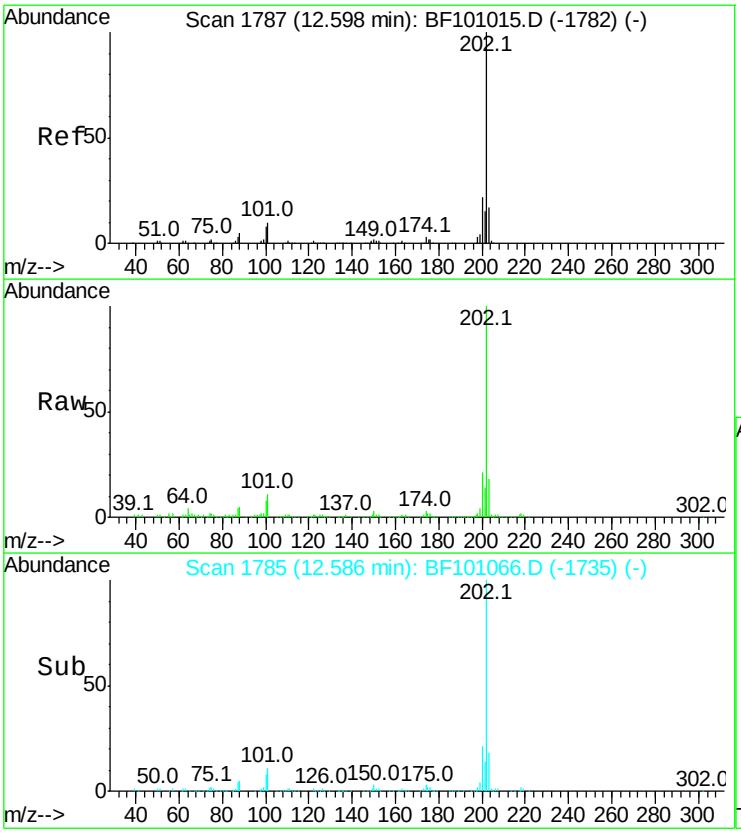
#71
Anthracene
Concen: 2.558 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:178 Resp: 23488

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.3	12.6	19.0

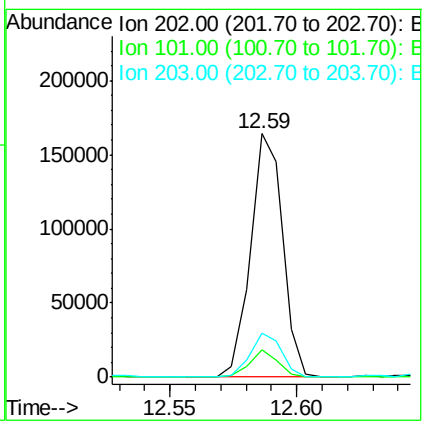


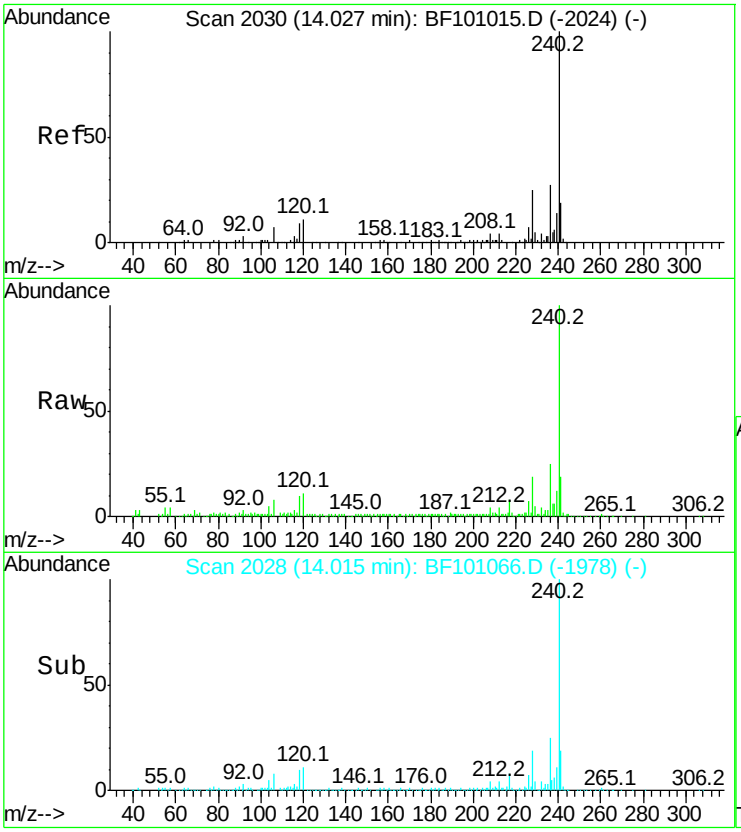


#74
Fluoranthene
Concen: 14.440 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:202 Resp: 145204

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.8	0.0	38.1



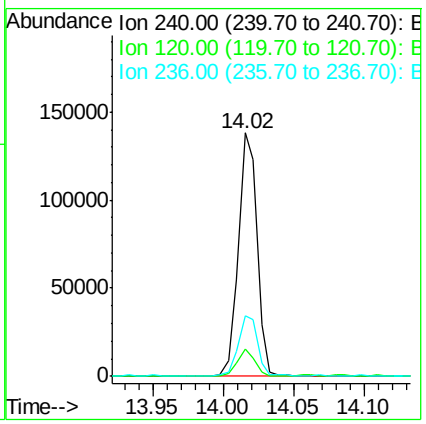


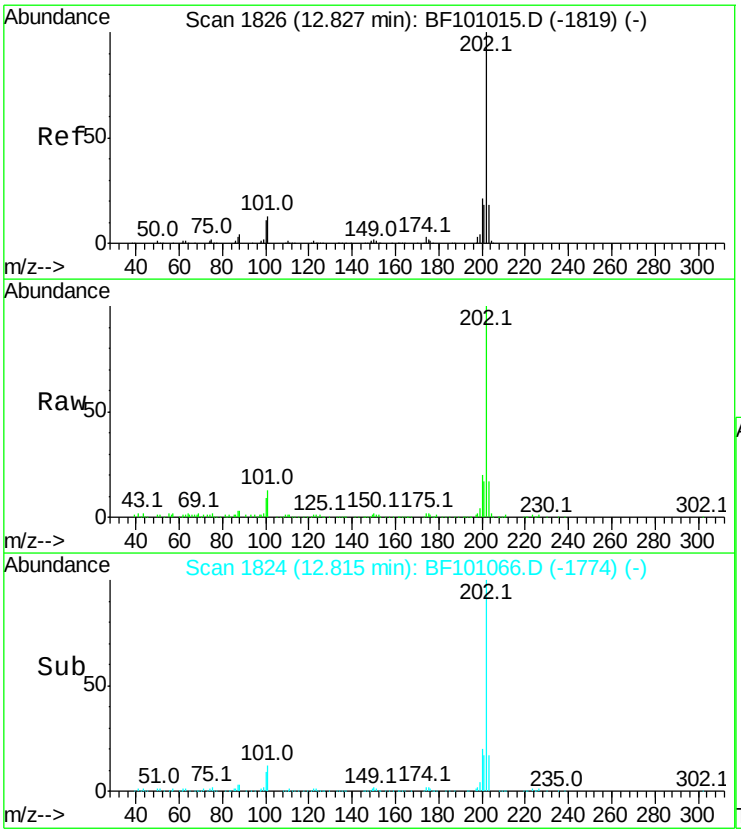
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:240 Resp: 128045

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.0	20.7	31.1

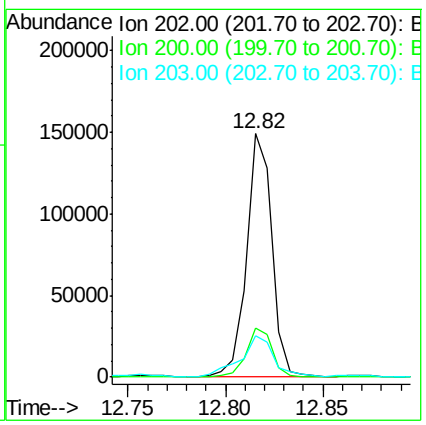


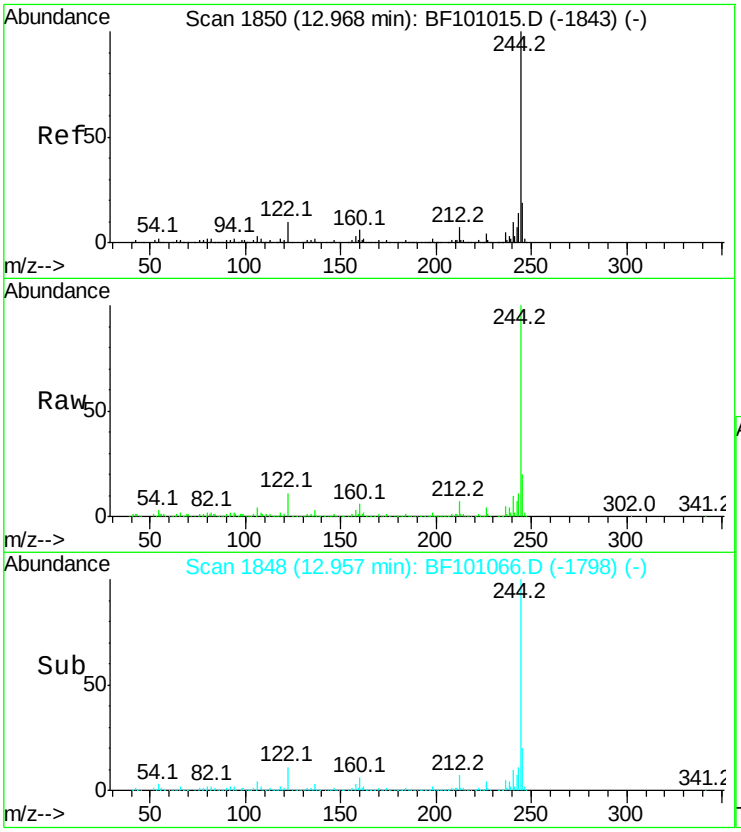


#77
Pyrene
Concen: 15.175 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:202 Resp: 134079

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.1	14.3	21.5



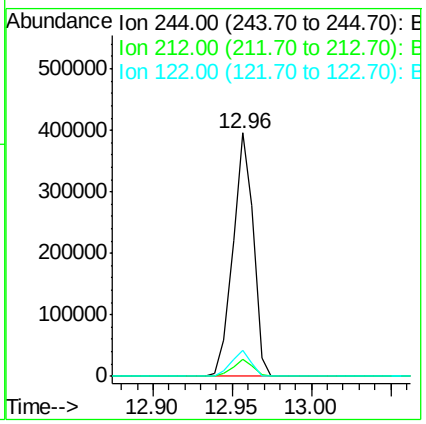


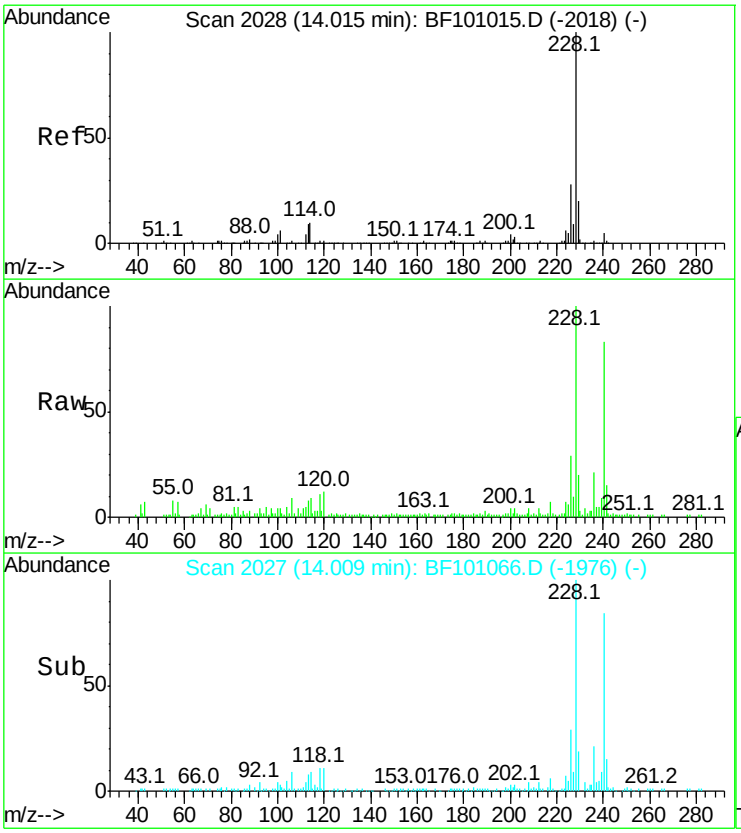
#78
Terphenyl-d14
Concen: 59.835 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:244 Resp: 350284

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.9	11.0	16.4#

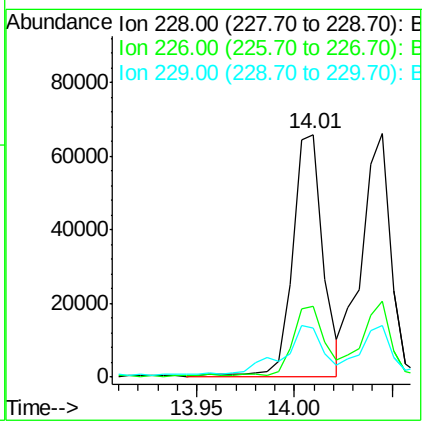


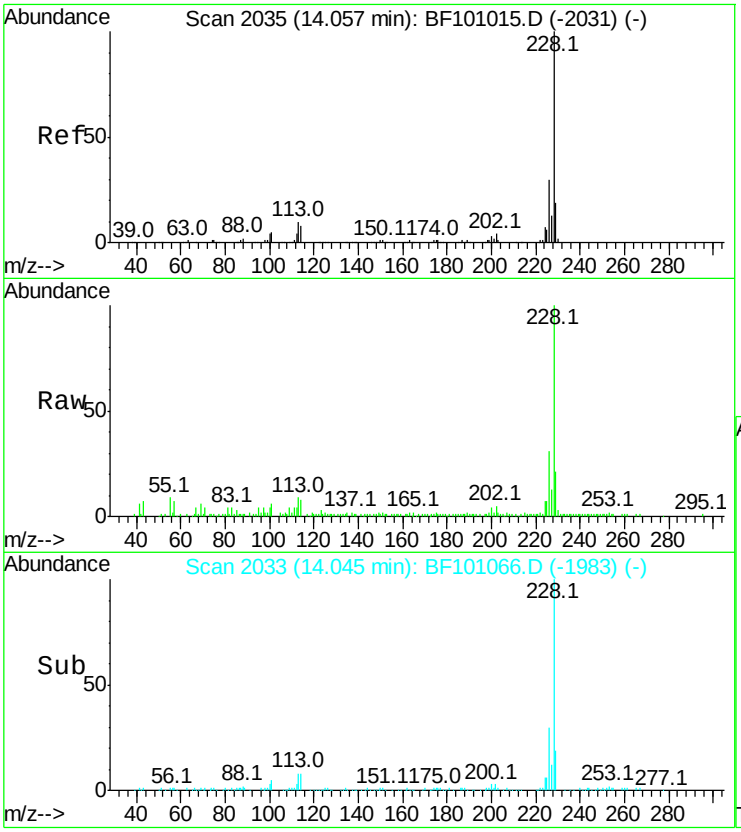


#80
Benzo(a)anthracene
Concen: 8.830 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:228 Resp: 71383

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.3	15.8	23.6



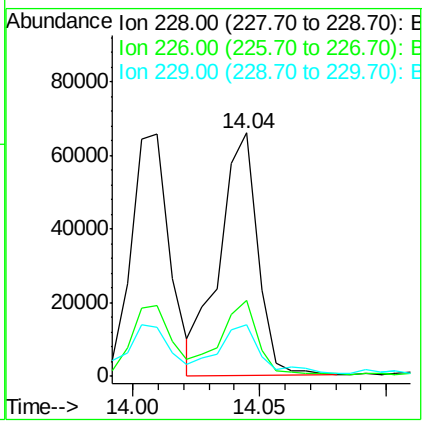


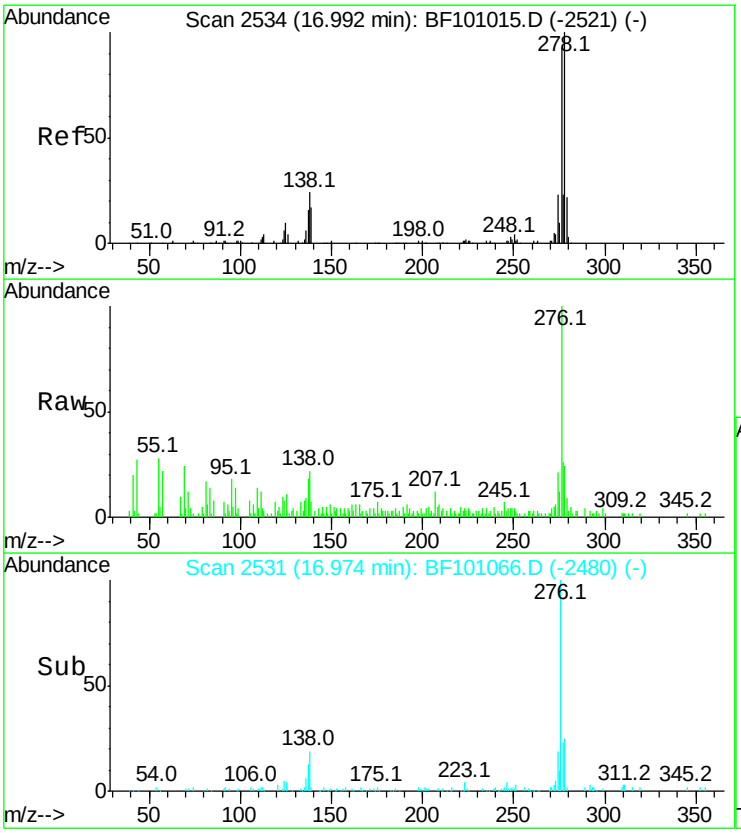
#82
Chrysene
Concen: 9.160 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:228 Resp: 68778

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.0	16.2	24.4

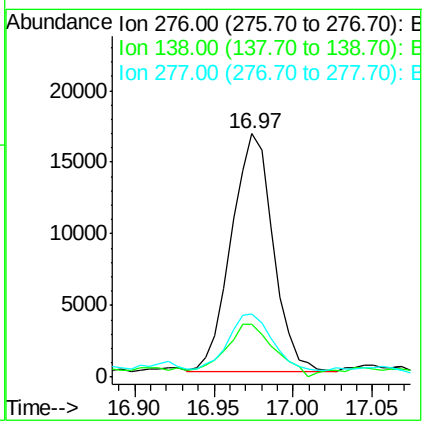


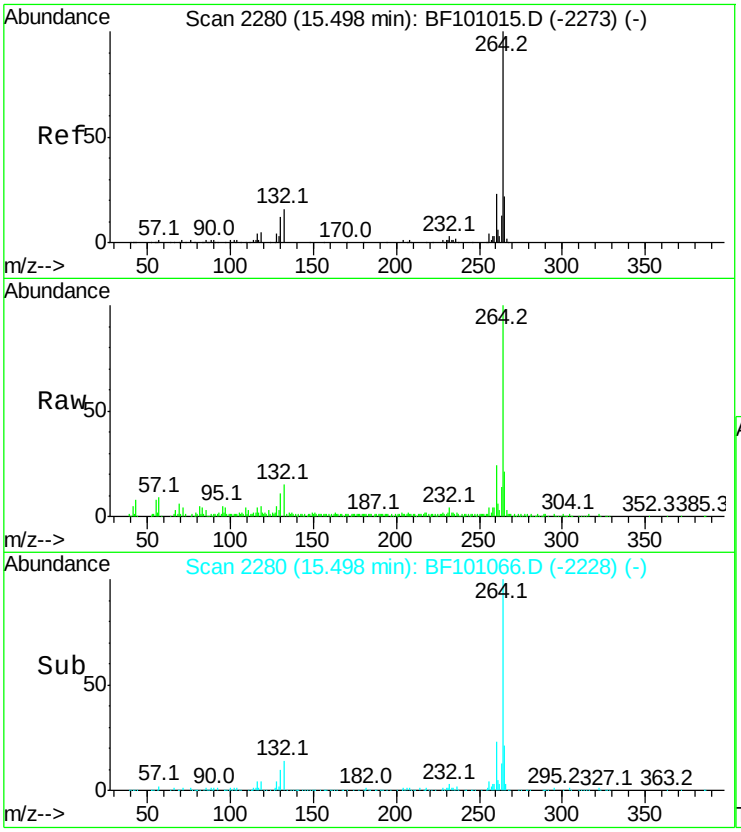


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.547 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:276 Resp: 30353

Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.0	37.6
277	24.6	20.1	30.1



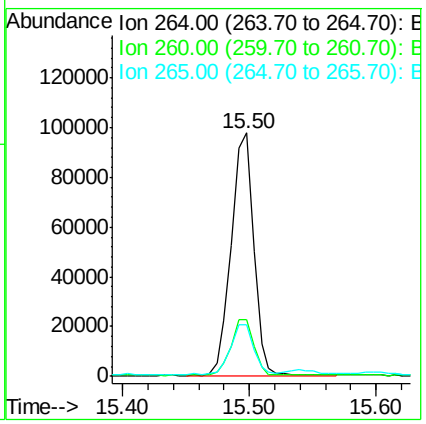


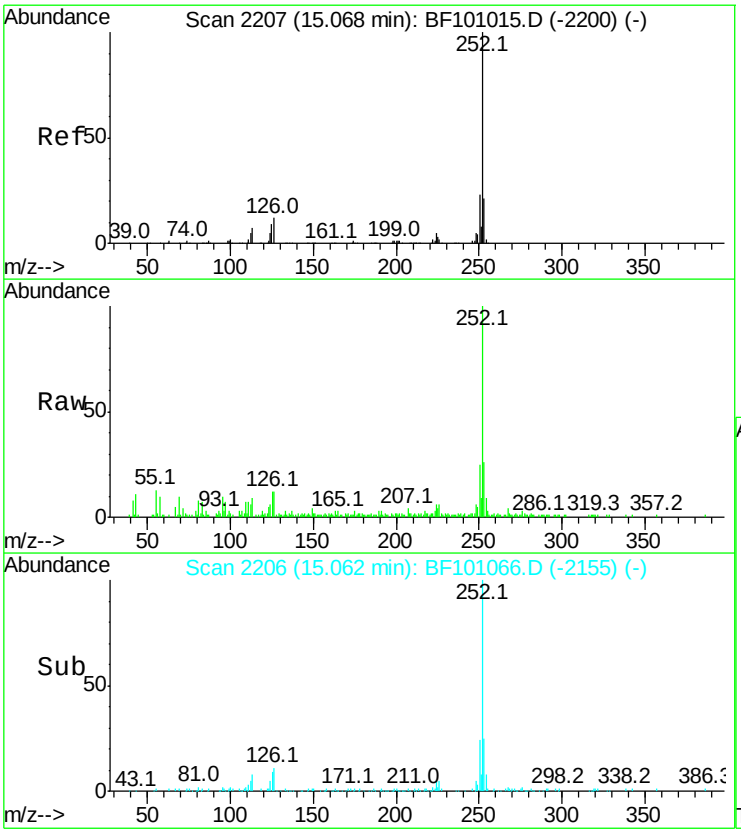
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:264 Resp: 119115

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

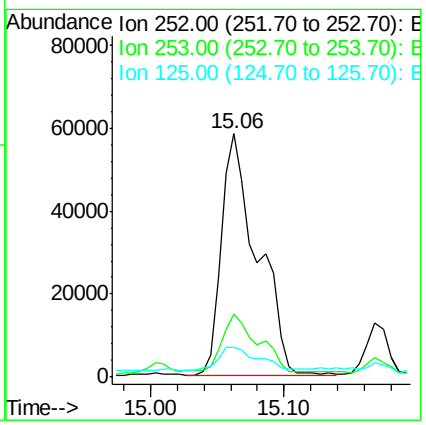


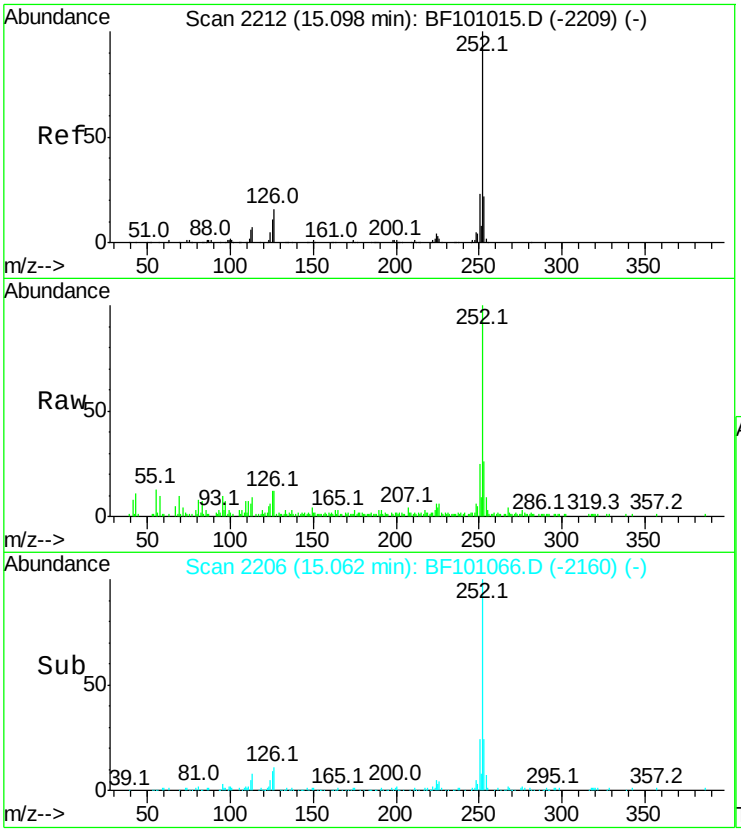


#87
Benzo(b)fluoranthene
Concen: 15.245 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:252 Resp: 108769

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	12.1	9.0	13.6



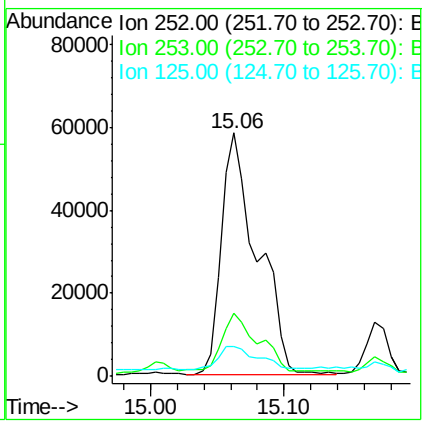


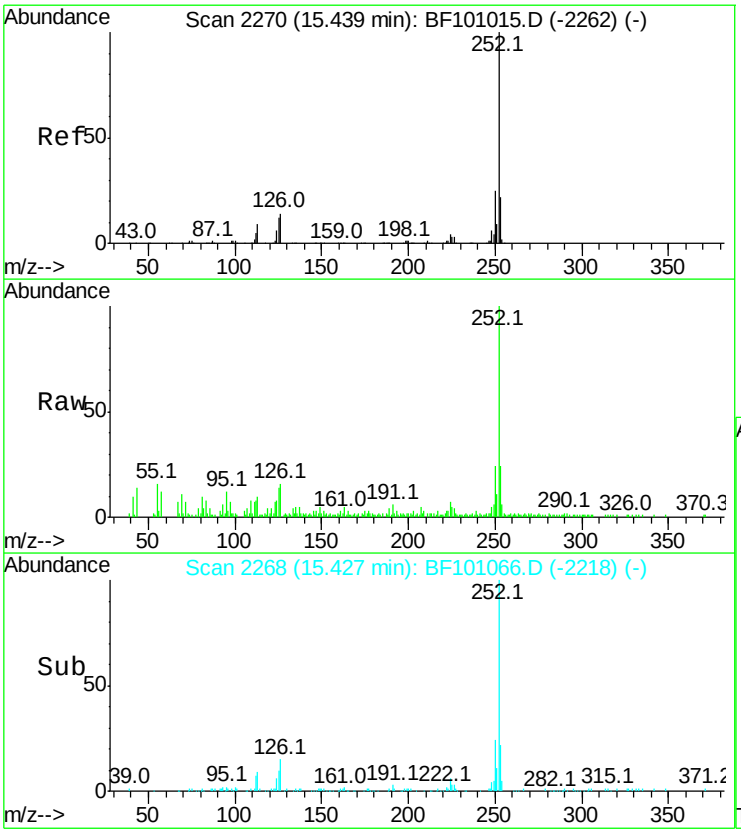
#88
Benzo(k)fluoranthene
Concen: 15.474 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tgt Ion:252 Resp: 108769

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	12.1	10.2	15.2





#89
Benzo(a)pyrene
Concen: 8.918 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:252 Resp: 57844

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	14.0	9.8	14.6