Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
Sample : I7034-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 30 03:07:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124118	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	457170	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	171288	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	290971	20.00	ng		0.00
75) Chrysene-d12	13.97	240	231940	20.00	ng		0.00
86) Perylene-d12	15.45	264	178097	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	151439	18.17	ng		0.02
7) Phenol-d6	6.45	99	192924	18.60	ng		0.02
23) Nitrobenzene-d5	7.37	82	104319	12.70	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	22310	13.52	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	207985	18.84	ng		0.00
78) Terphenyl-d14	12.90	244	169598	17.63	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	15235	2.237	ng	#	82
25) Isophorone	7.37	82	104319	6.332	ng	#	64
31) Naphthalene	8.09	128	107839	4.685	ng		98
32) Benzoic acid	8.09	122	113	7.982	ng	#	1
37) 2-Methylnaphthalene	8.79	142	38085	2.540	ng		98
53) 2,4-Dinitrophenol	10.18	184	109	10.418	ng	#	33
54) Dibenzofuran	10.03	168	30157	2.151	ng	#	95
55) 4-Nitrophenol	10.03	139	12574	8.260	ng	#	14
57) Fluorene	10.37	166	39782	3.355	ng	#	98
70) Phenanthrene	11.34	178	268254	16.578	ng		99
71) Anthracene	11.40	178	73996	4.477	ng		97
74) Fluoranthene	12.54	202	239387	14.094	ng		97
77) Pyrene	12.77	202	280027	16.087	ng		99
80) Benzo(a)anthracene	13.96	228	149463	9.759	ng		97
82) Chrysene	14.00	228	168973	11.685	ng		98
85) Indeno(1,2,3-cd)pyrene	16.96	276	29967	2.327	ng	#	93
87) Benzo(b)fluoranthene	15.02	252	121205	11.165	ng	#	82
88) Benzo(k)fluoranthene	15.02	252	121205	11.484	ng	#	85
89) Benzo(a)pyrene	15.39	252	67700	6.765	ng	#	84
91) Benzo(g,h,i)perylene	17.42	276	28281	3.324	ng	#	79

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

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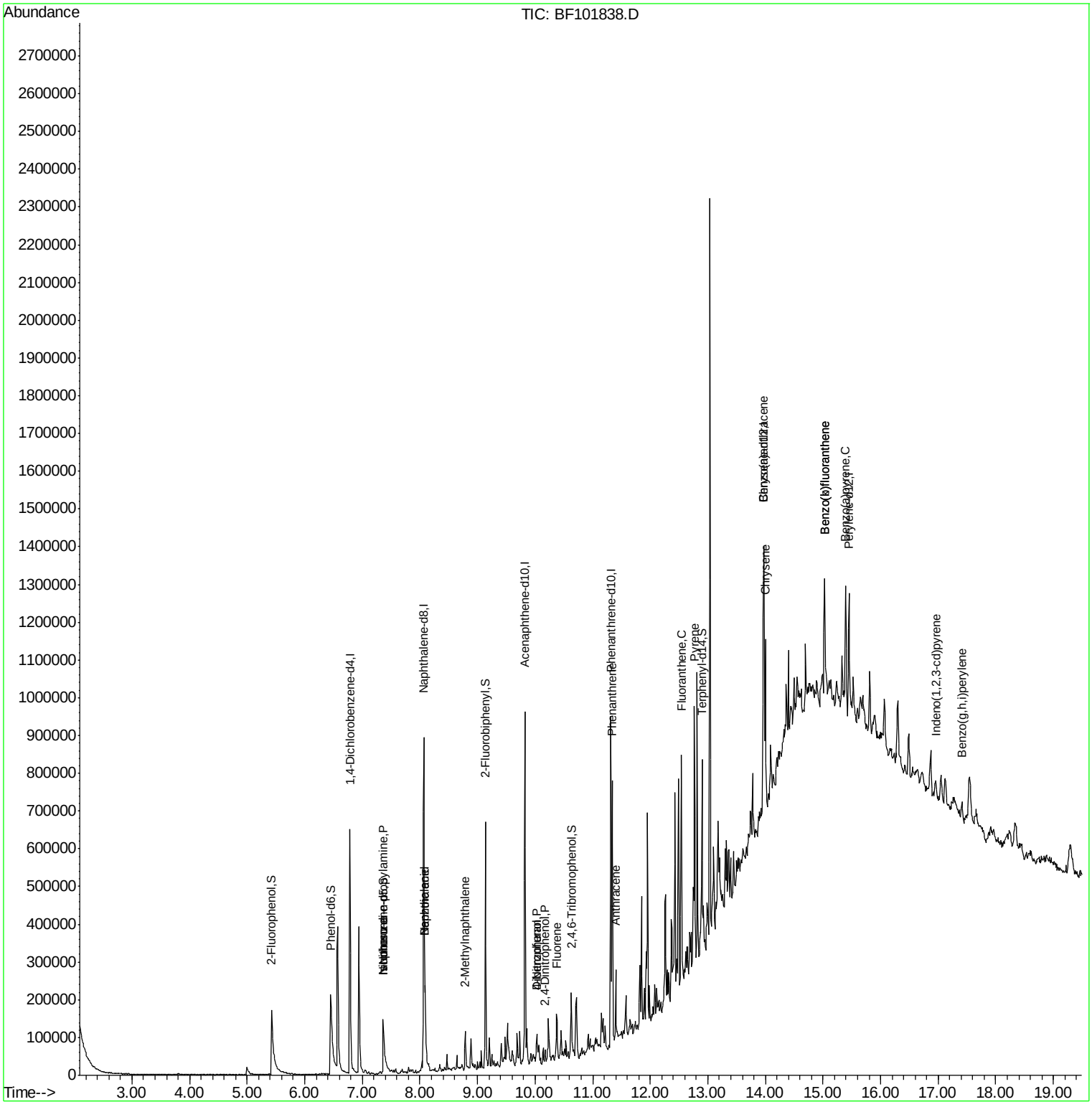
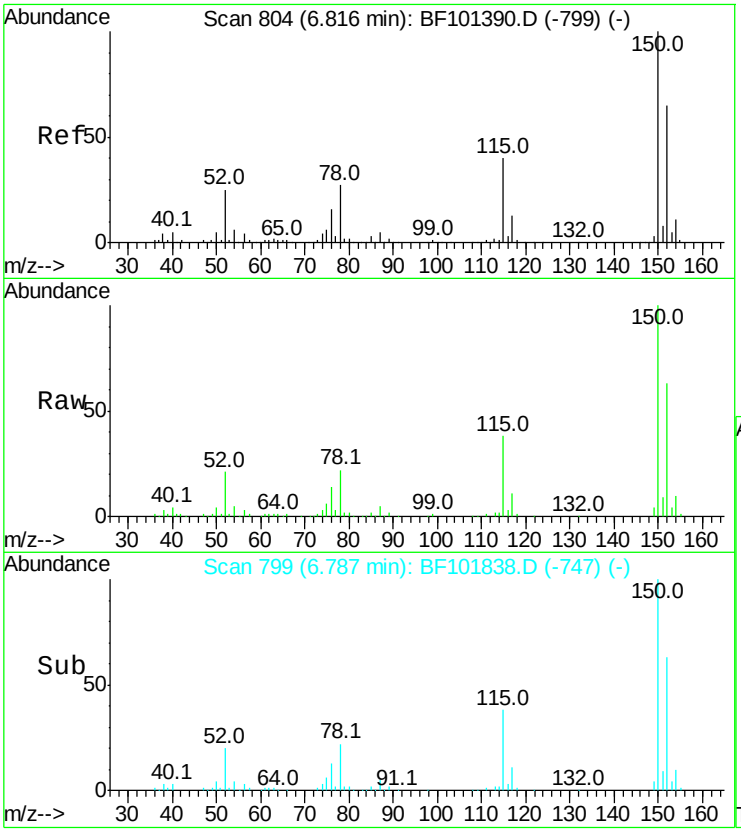


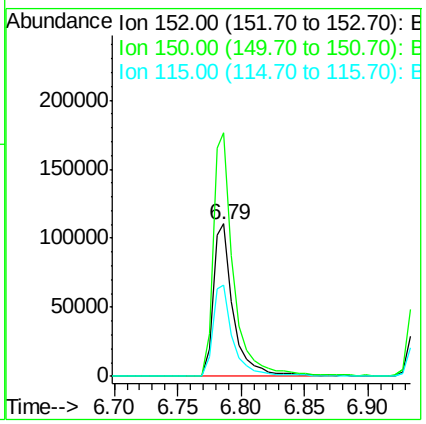


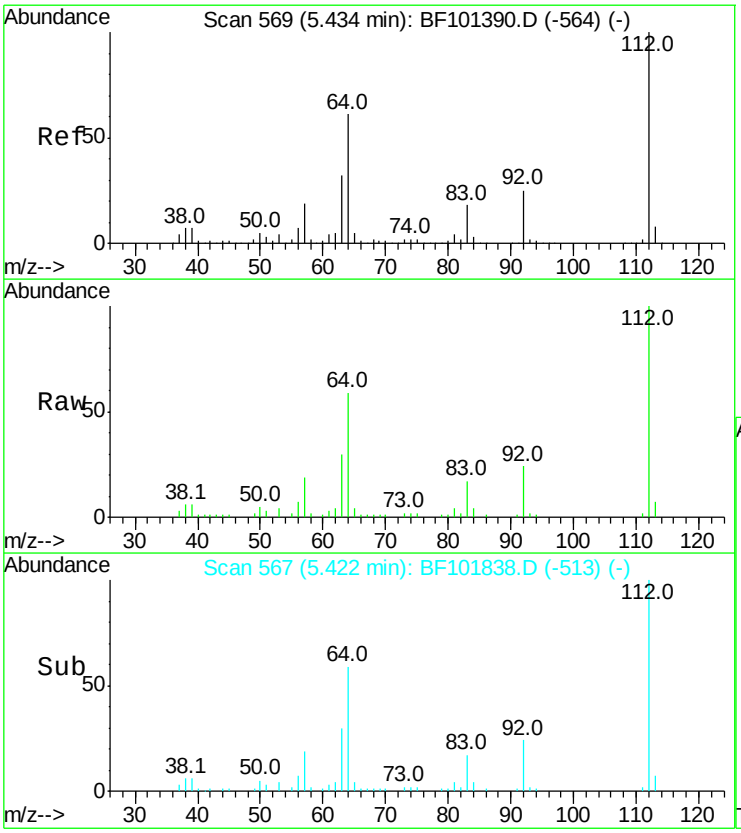
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124118

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	60.1	50.1	75.1

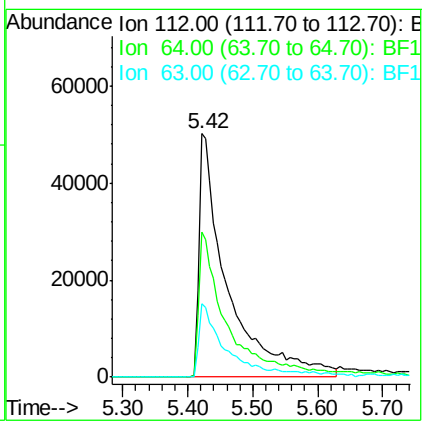


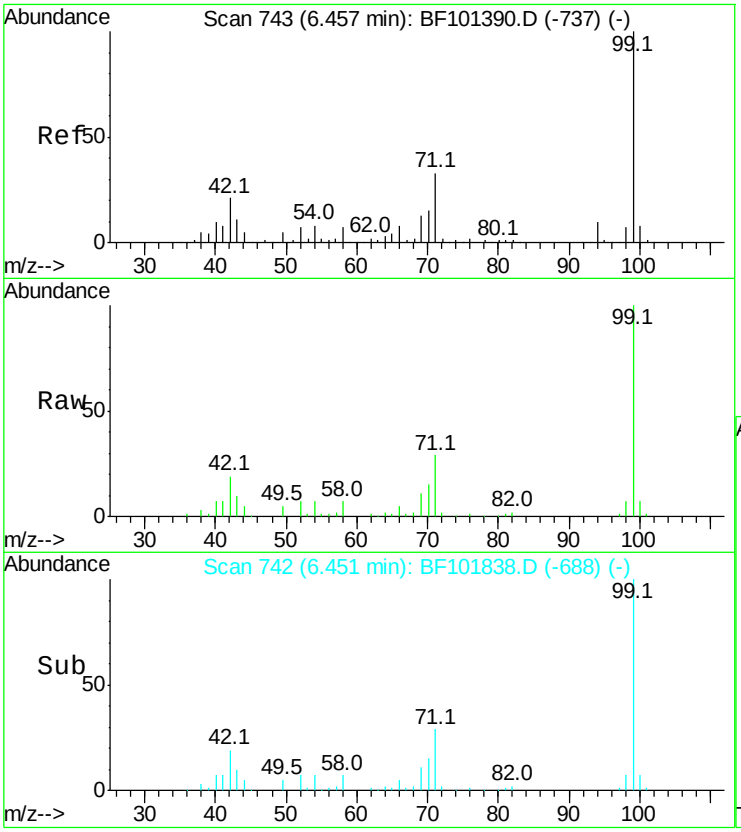


#5
2-Fluorophenol
Concen: 18.175 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:112 Resp: 151439

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	30.1	23.7	35.5



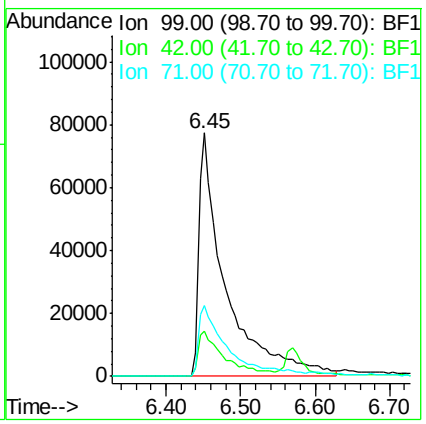


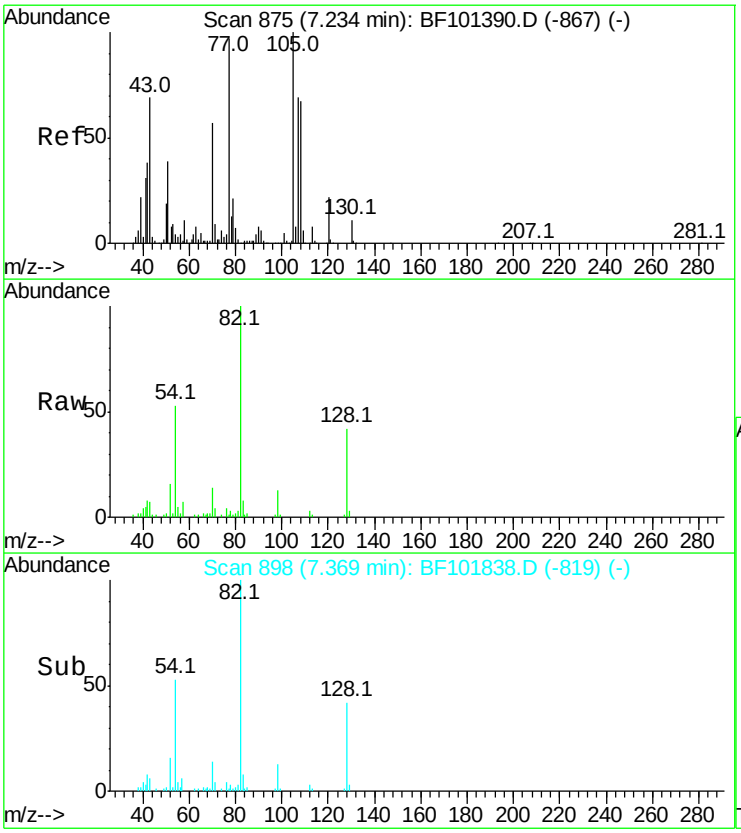
#7
Phenol-d6
Concen: 18.604 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.02 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 192924

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	28.8	25.4	38.0

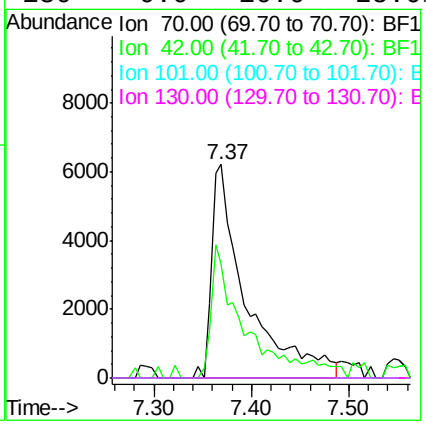


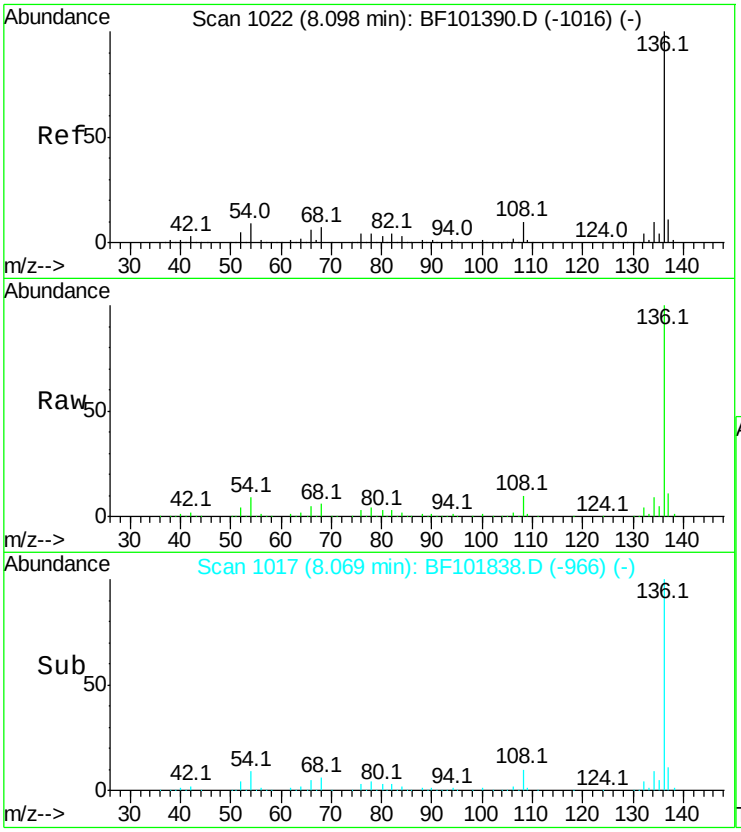


#19
n-Nitroso-di-n-propylamine
Concen: 2.237 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.16 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion: 70 Resp: 15235

Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



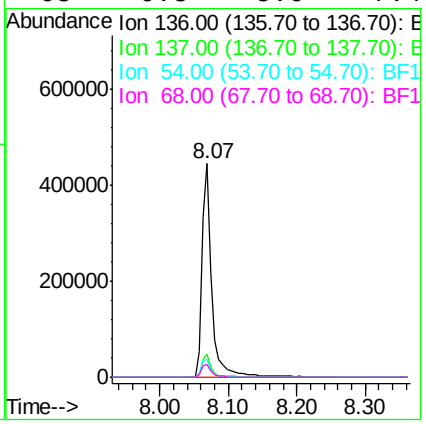


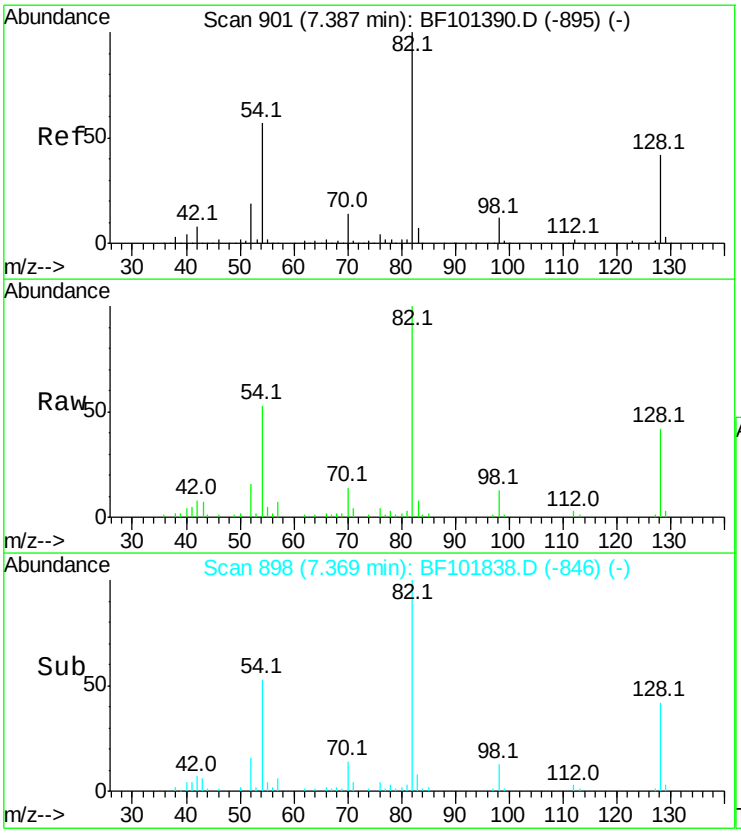
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 457170

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	6.3	5.0	7.4

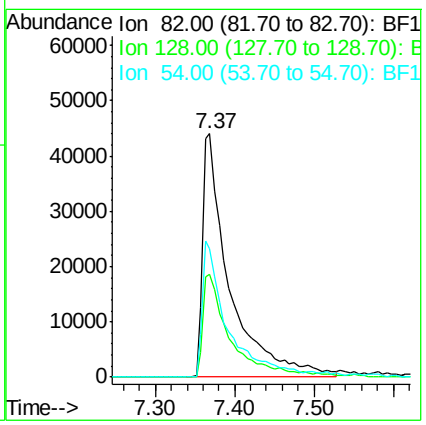


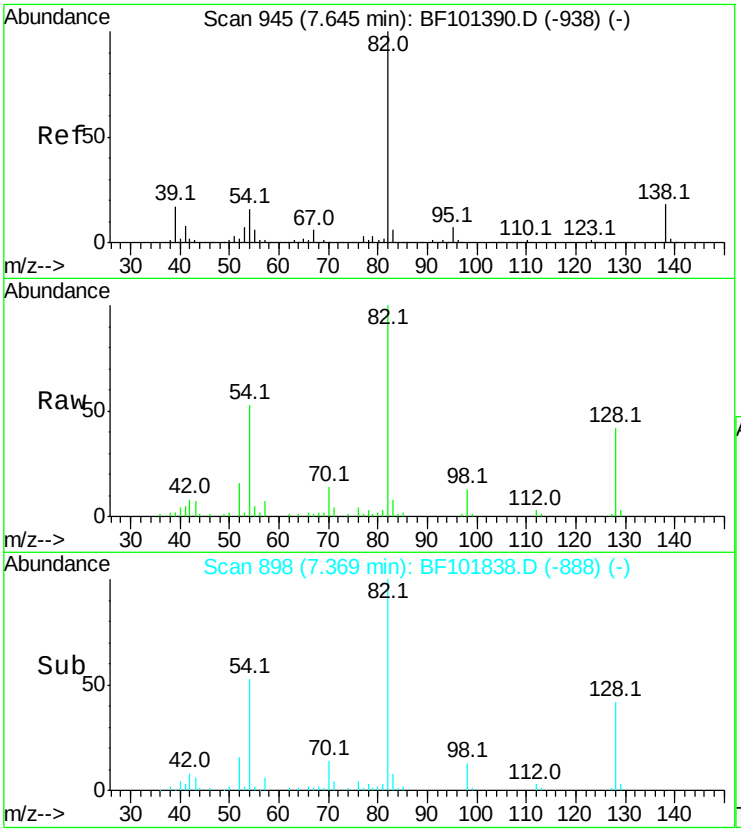


#23
Nitrobenzene-d5
Concen: 12.702 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion: 82 Resp: 104319

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	52.7	41.4	62.2



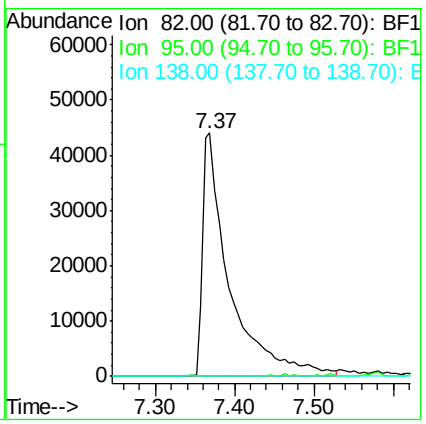


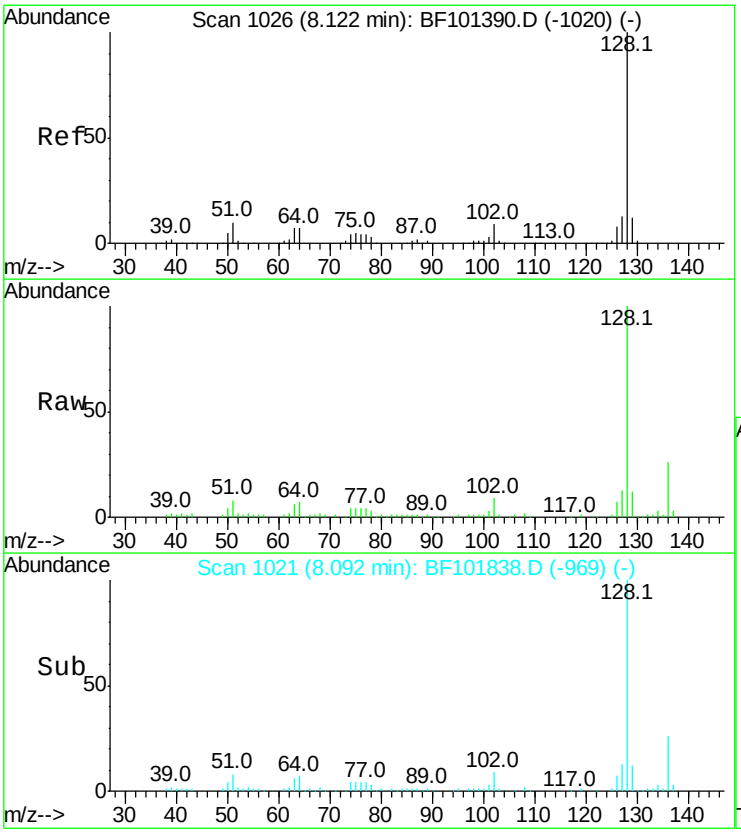
#25
Isophorone
Concen: 6.332 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.24 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 104319

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

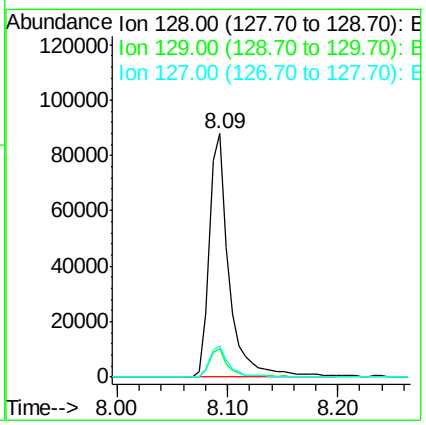


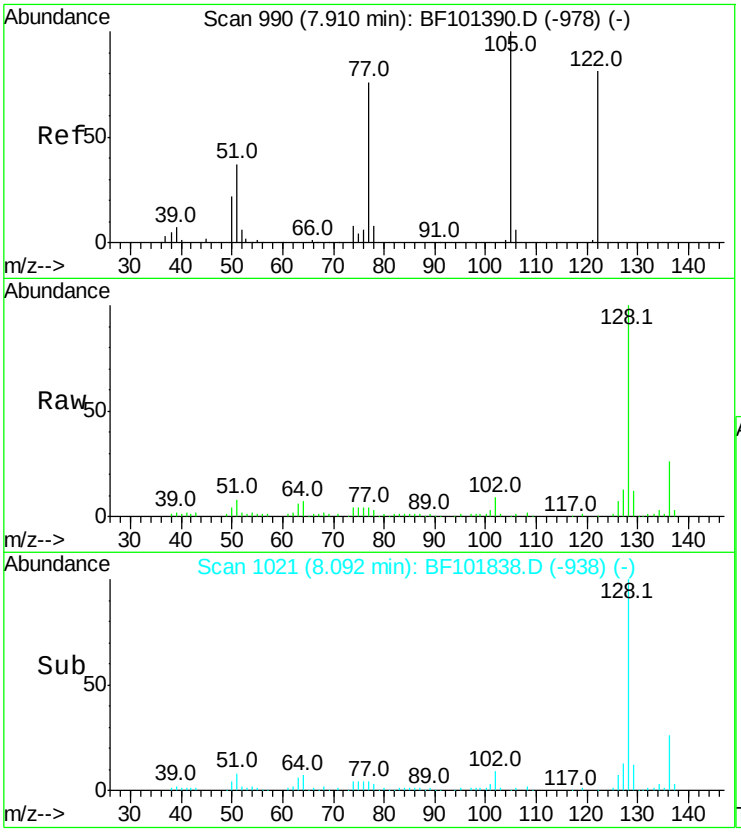


#31
Naphthalene
Concen: 4.685 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:128 Resp: 107839

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.0	10.9	16.3



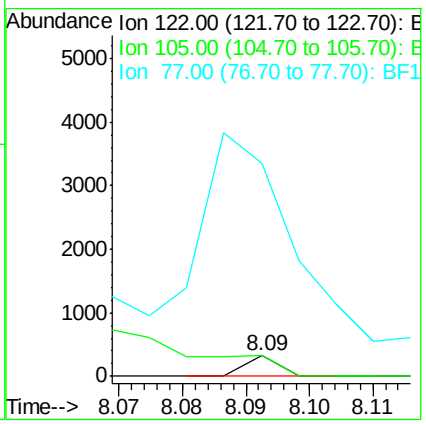


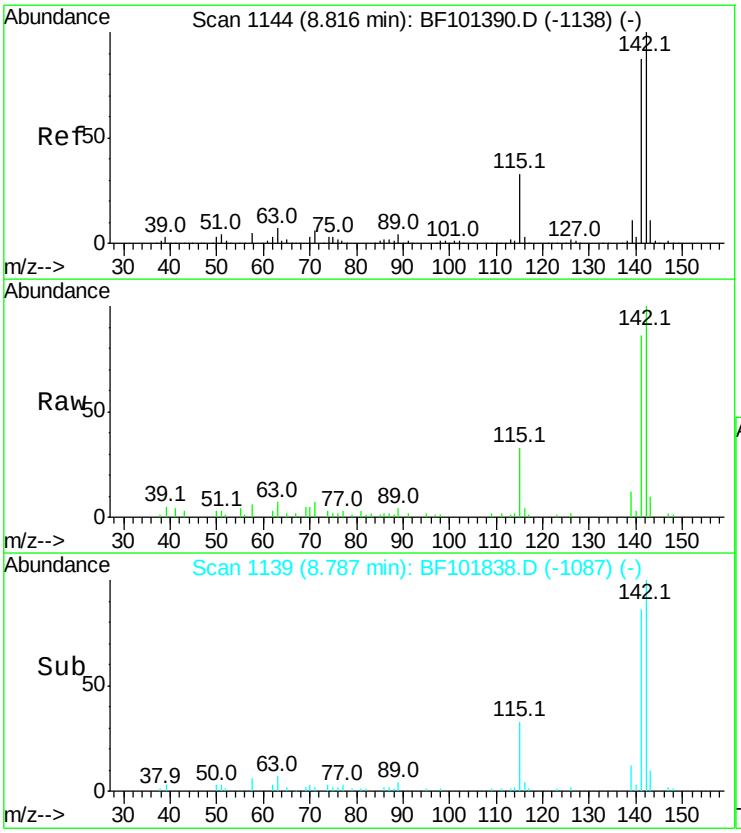
#32
Benzoic acid
Concen: 7.982 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.19 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	102.2	101.1	141.1
77	1047.6	70.7	110.7#

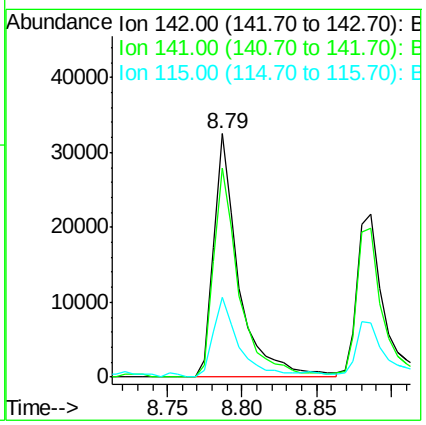


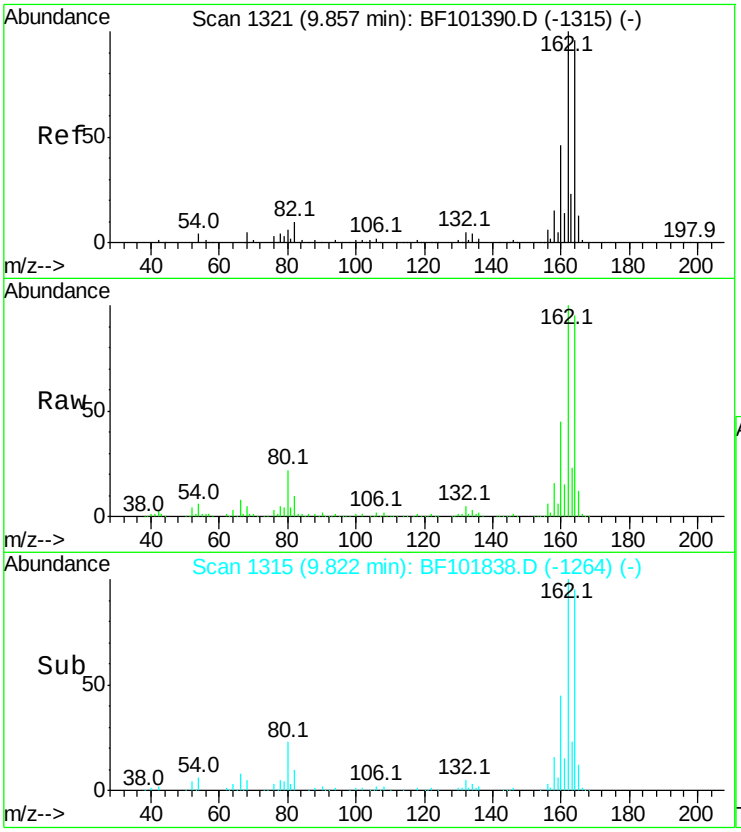


#37
2-Methylnaphthalene
Concen: 2.540 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:142 Resp: 38085

Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.8	106.2
115	32.5	26.1	39.1



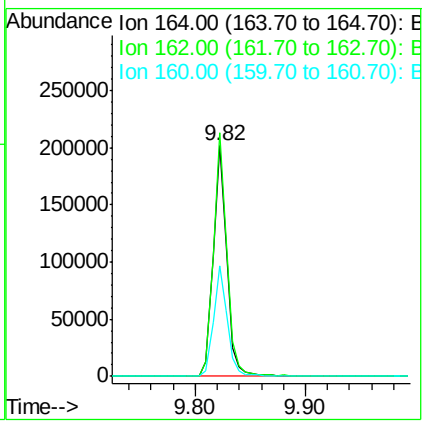


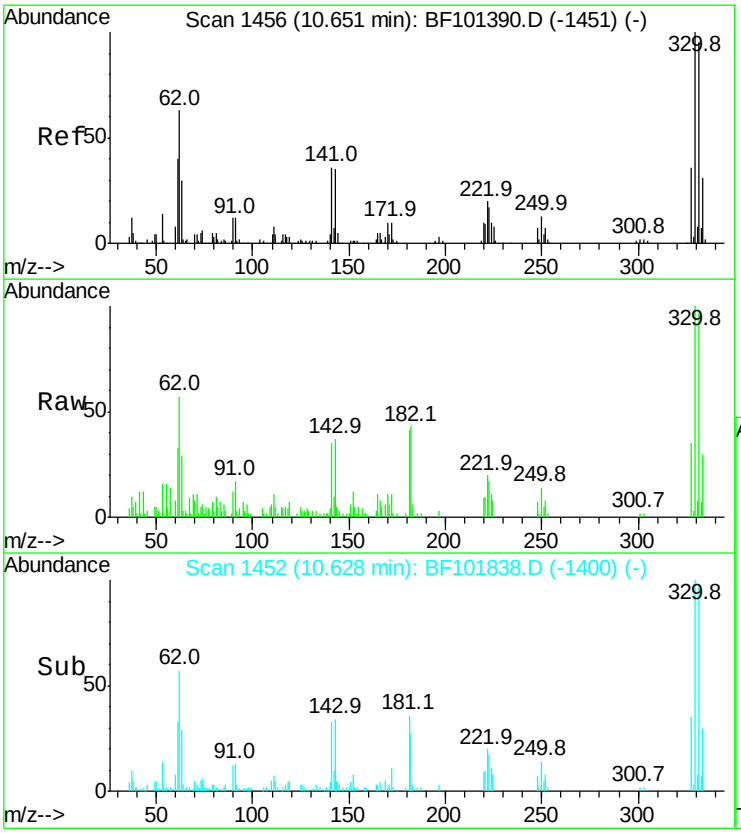
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 171288

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	47.8	38.3	57.5

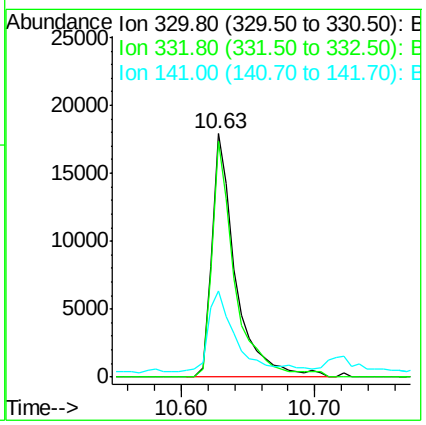


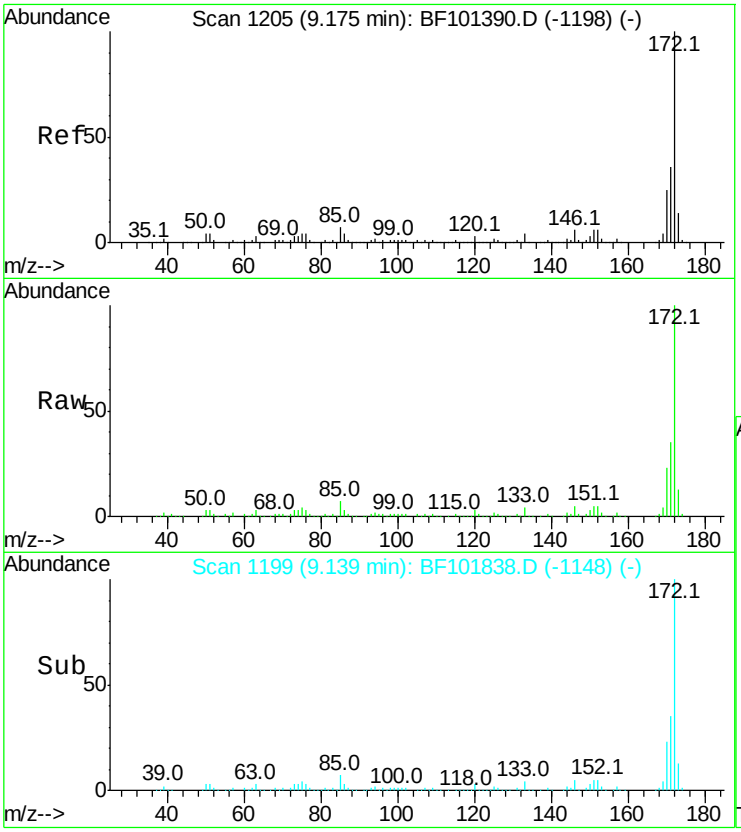


#41
2,4,6-Tribromophenol
Concen: 13.517 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:330 Resp: 22310

Ion	Ratio	Lower	Upper
330	100		
332	91.8	77.0	115.6
141	39.4	29.9	44.9



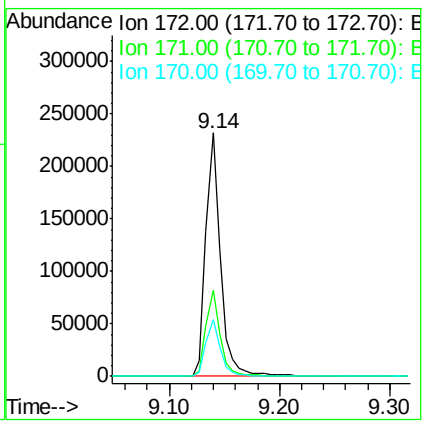


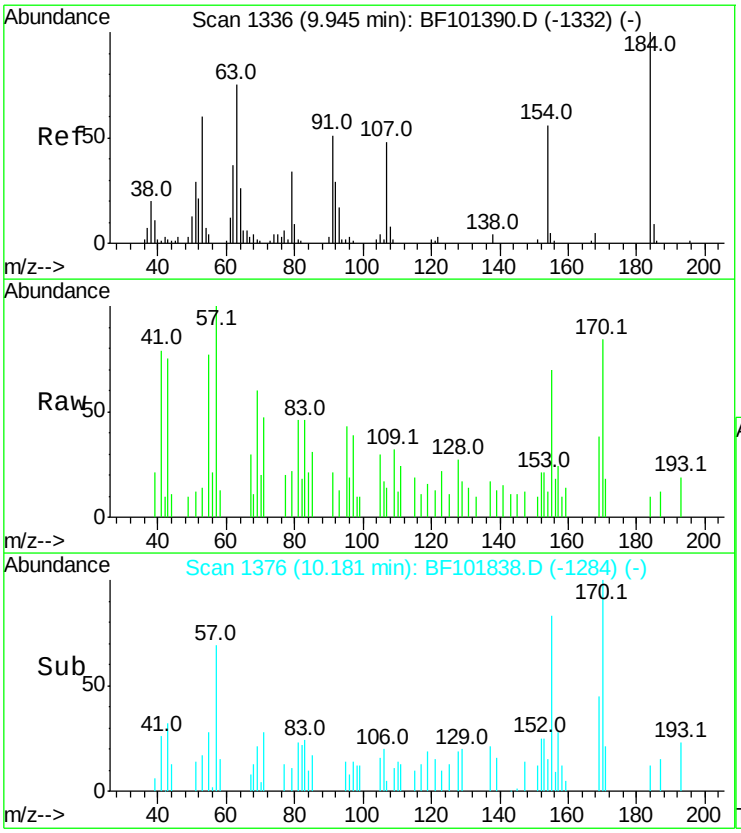
#44
2-Fluorobiphenyl
Concen: 18.836 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 207985

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.5	19.6	29.4

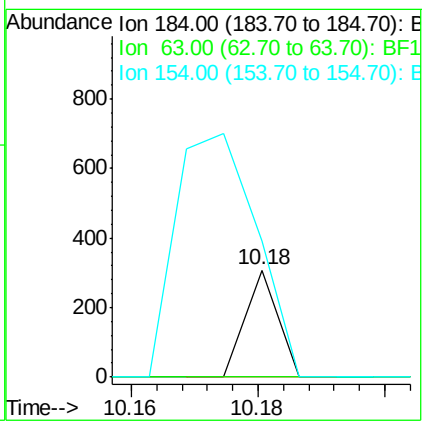


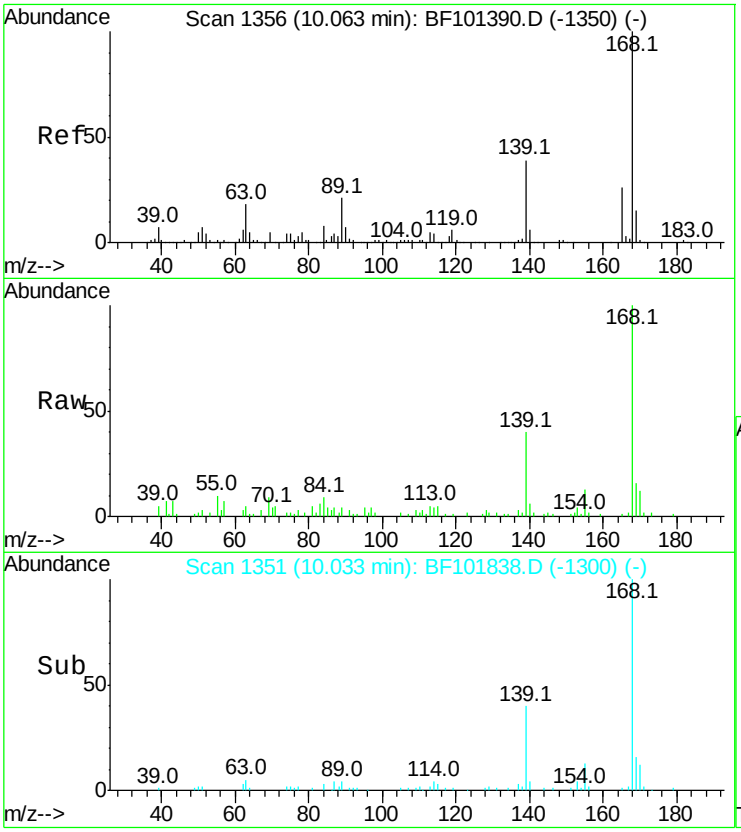


#53
2,4-Dinitrophenol
Concen: 10.418 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.24 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	127.3	184.0	276.0#



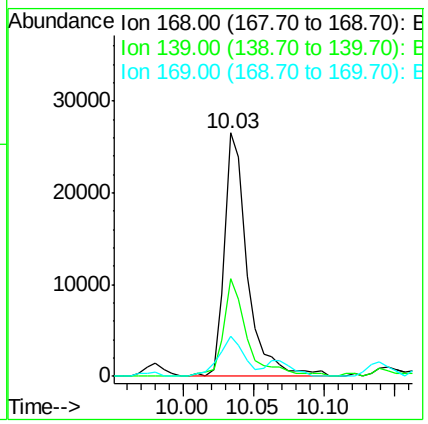


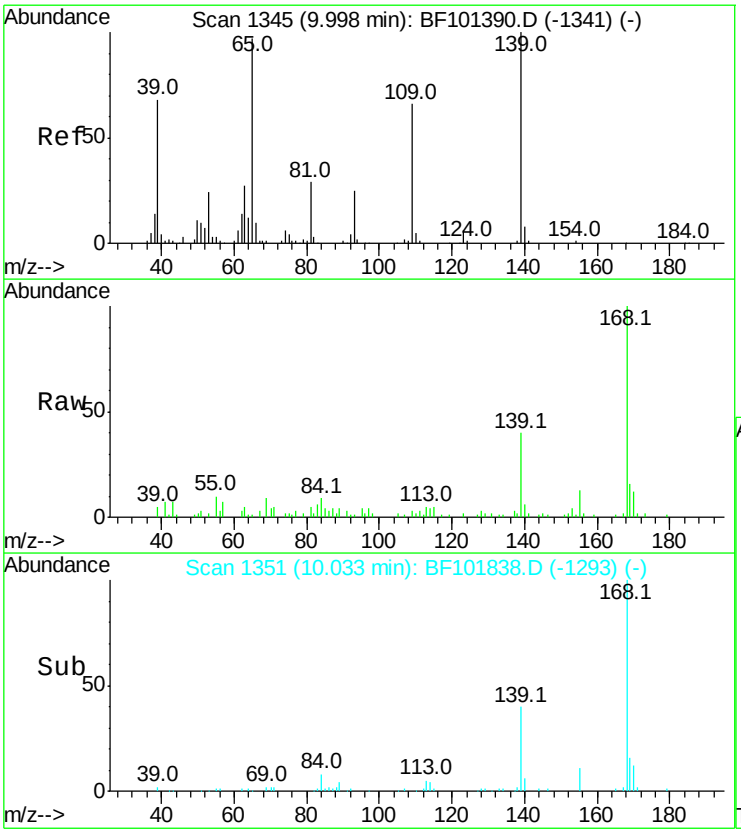
#54
Dibenzofuran
Concen: 2.151 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 30157

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	16.5	10.9	16.3#

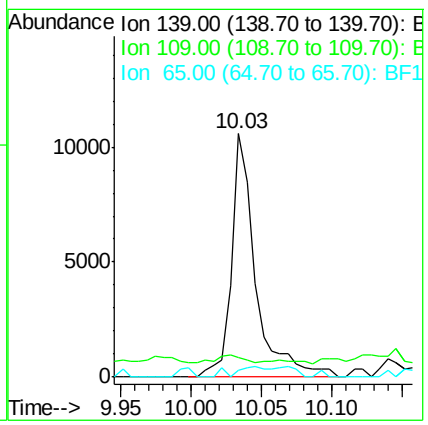


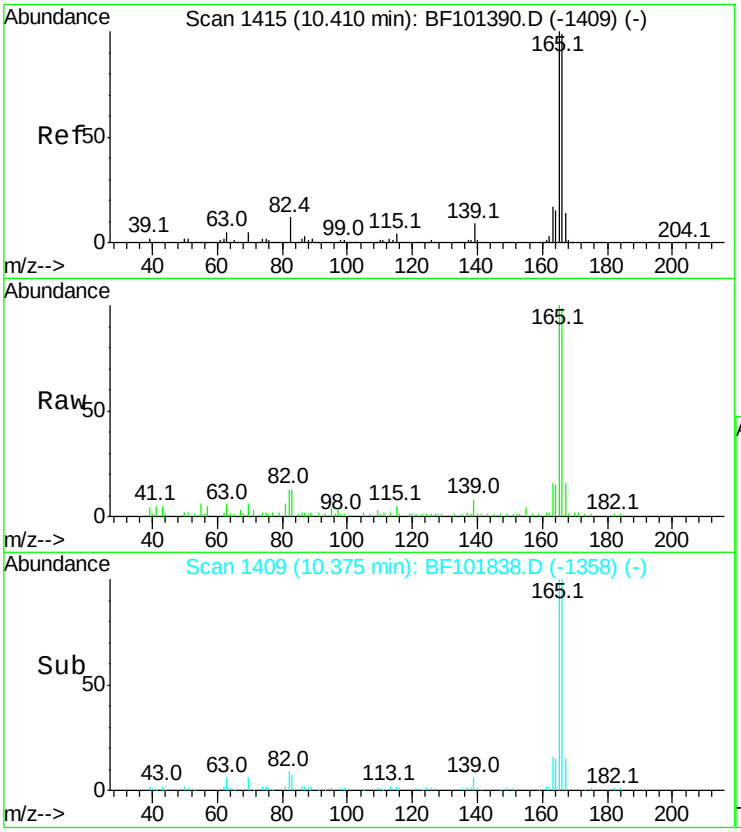


#55
4-Nitrophenol
Concen: 8.260 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:139 Resp: 12574

Ion	Ratio	Lower	Upper
139	100		
109	7.9	48.4	88.4#
65	3.0	72.6	112.6#



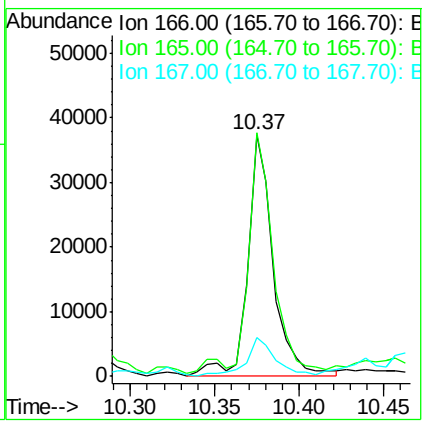


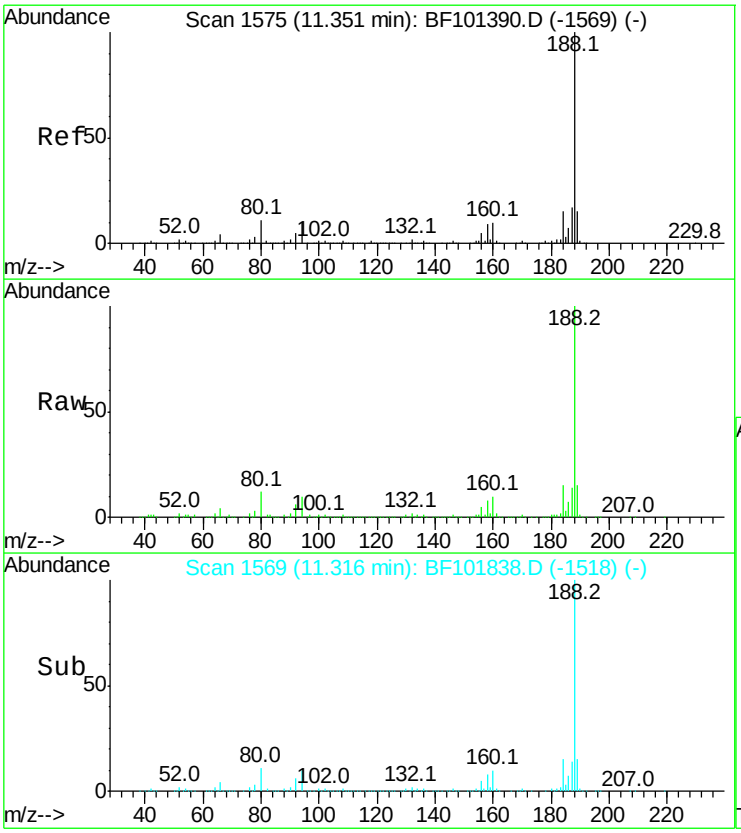
#57
Fluorene
Concen: 3.355 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 39782

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.8	119.8
167	16.0	10.6	16.0#

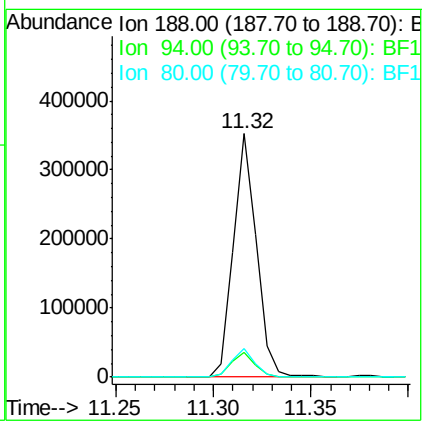


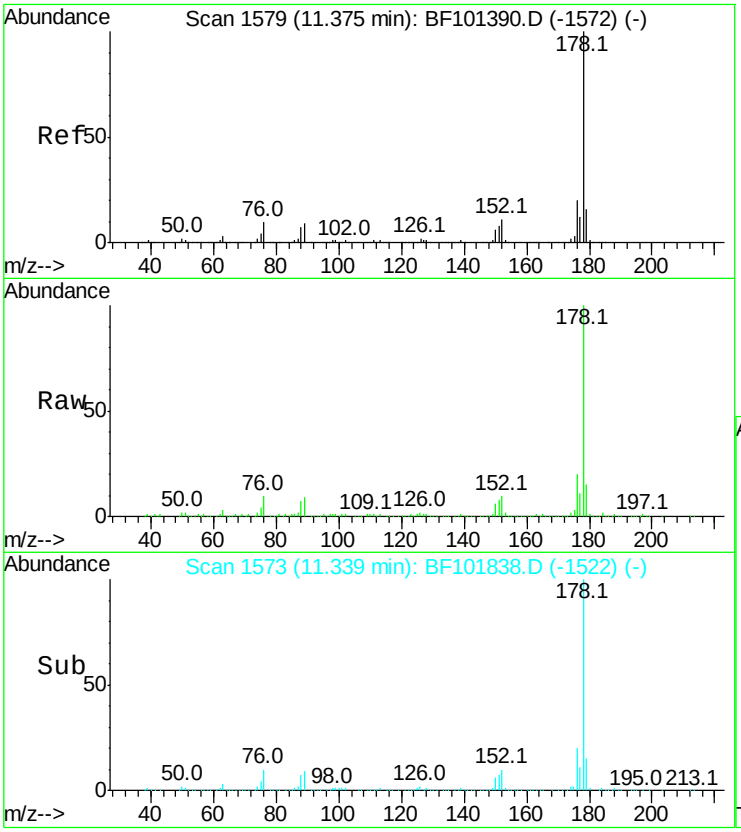


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:188 Resp: 290971

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.5	9.2	13.8



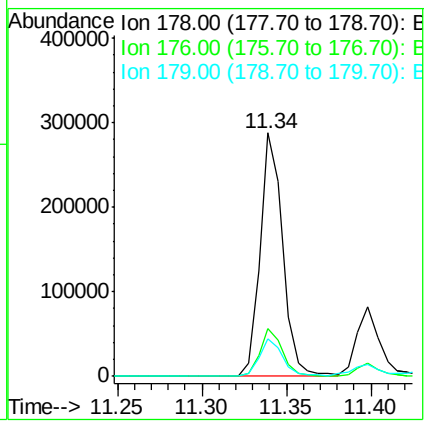


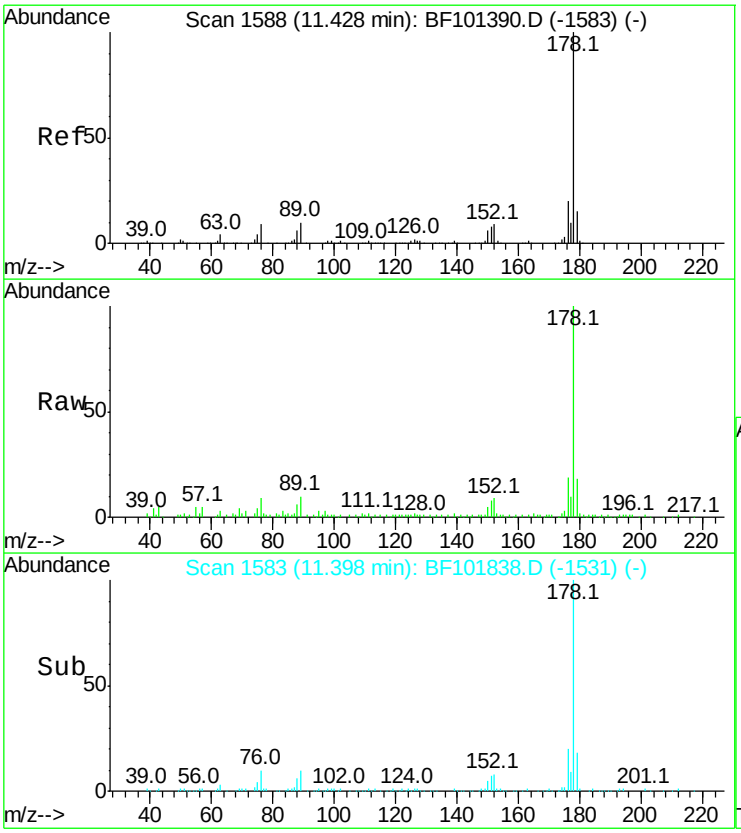
#70
Phenanthrene
Concen: 16.578 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 268254

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.3	13.0	19.6

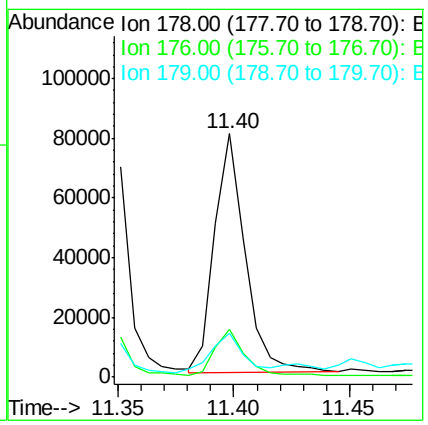


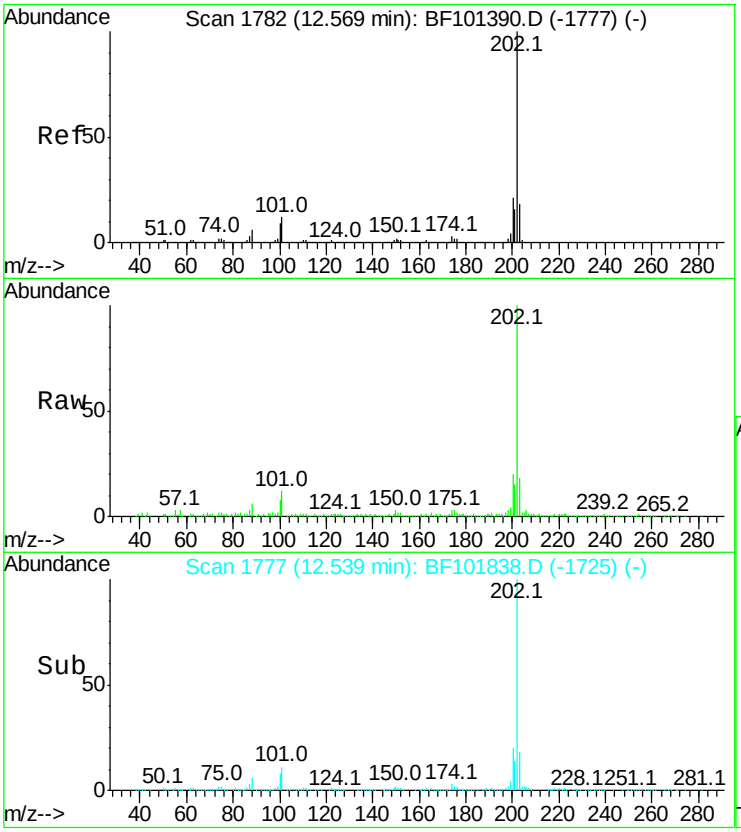


#71
Anthracene
Concen: 4.477 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:178 Resp: 73996

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	18.1	12.6	19.0



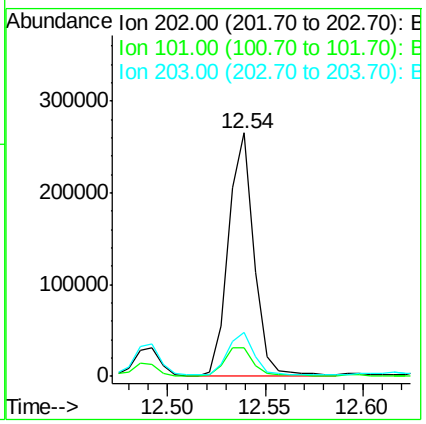


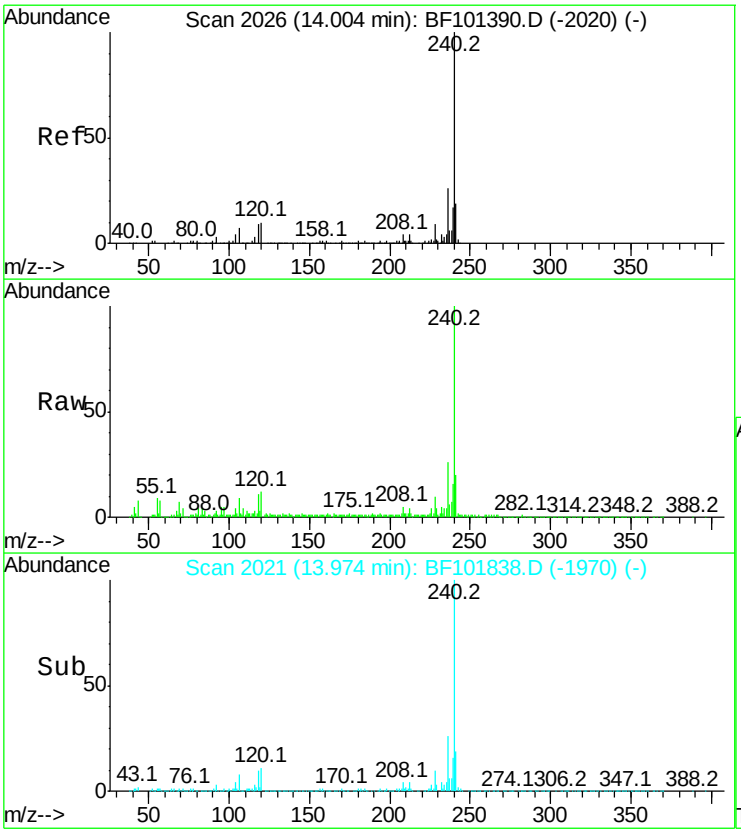
#74
Fluoranthene
Concen: 14.094 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 239387

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	18.0	0.0	38.1

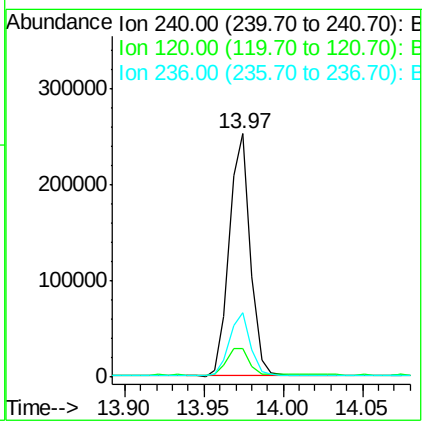


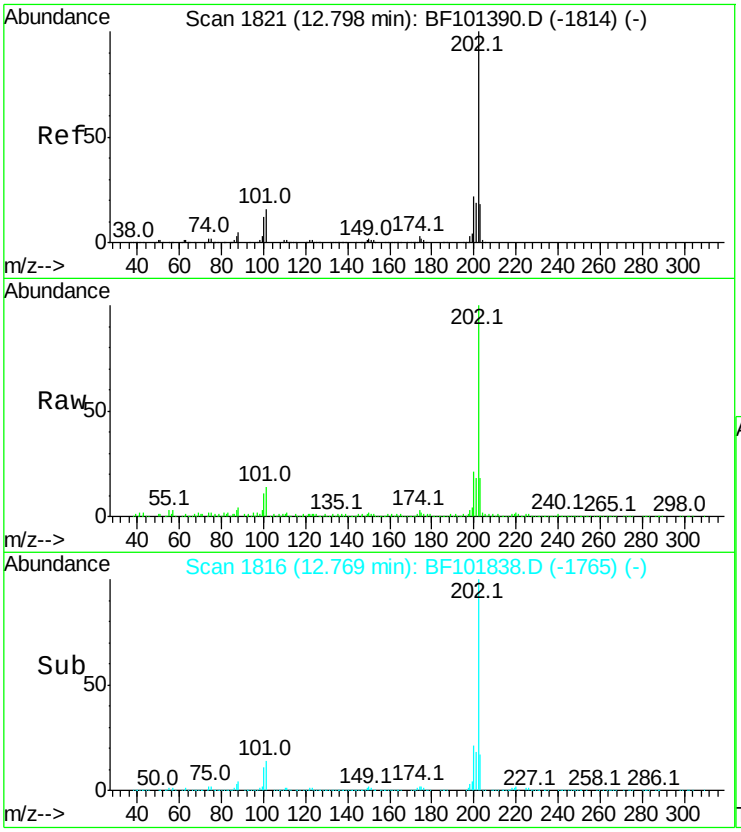


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:240 Resp: 231940

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.2	20.7	31.1



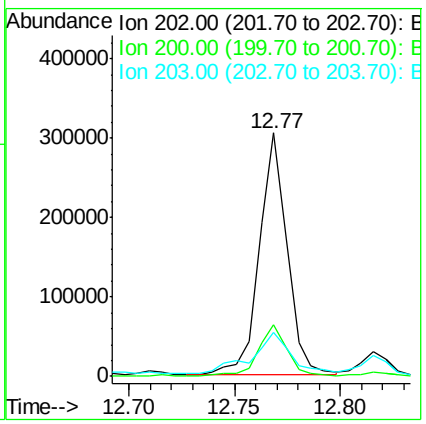


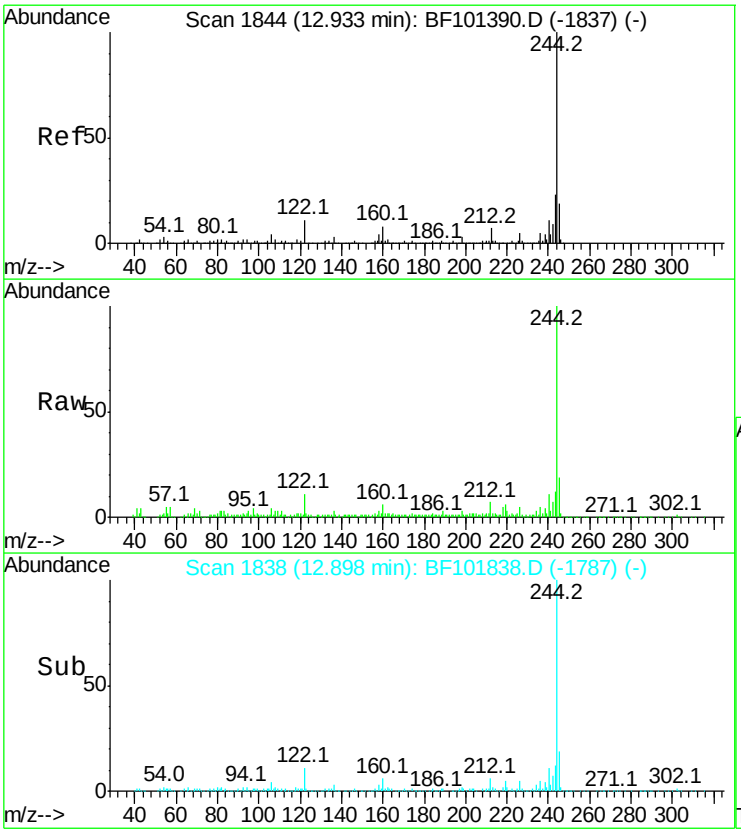
#77
Pyrene
Concen: 16.087 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 280027

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.3	14.3	21.5

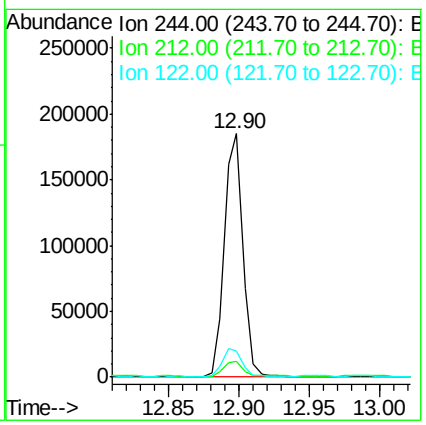


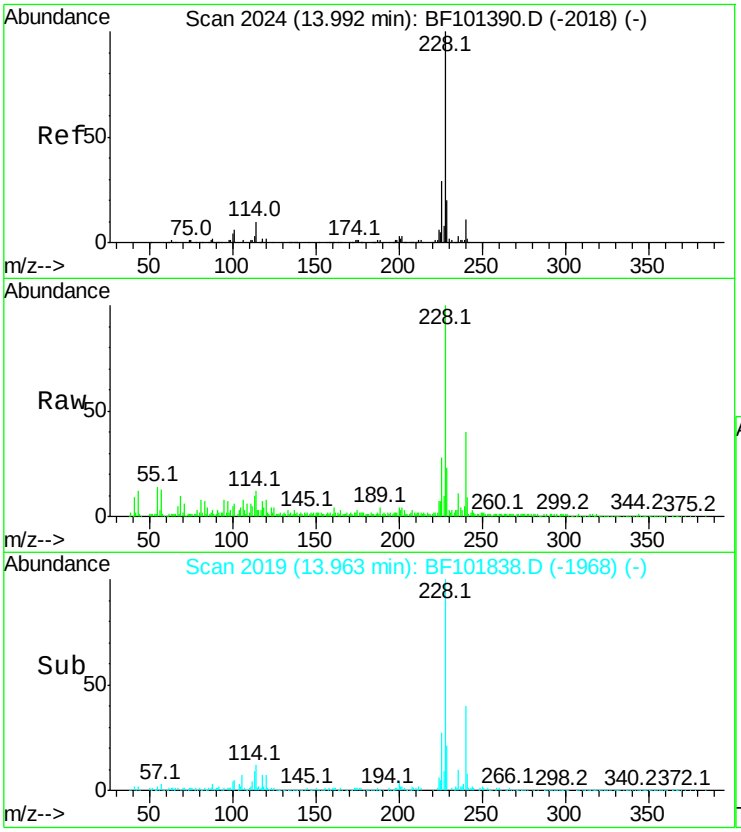


#78
Terphenyl-d14
Concen: 17.628 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:244 Resp: 169598

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.9	11.0	16.4#



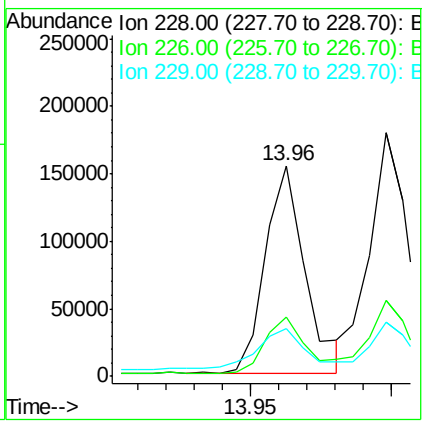


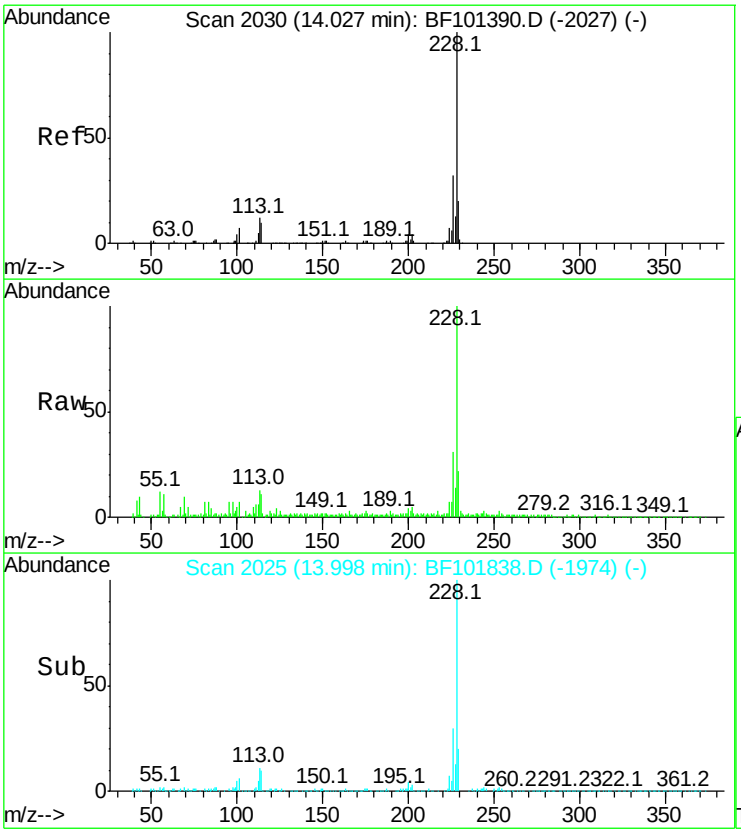
#80
Benzo(a)anthracene
Concen: 9.759 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 149463

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.9	15.8	23.6

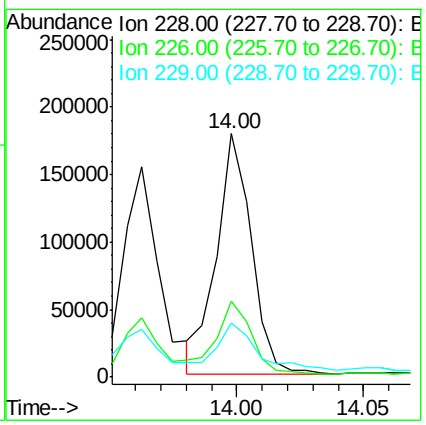


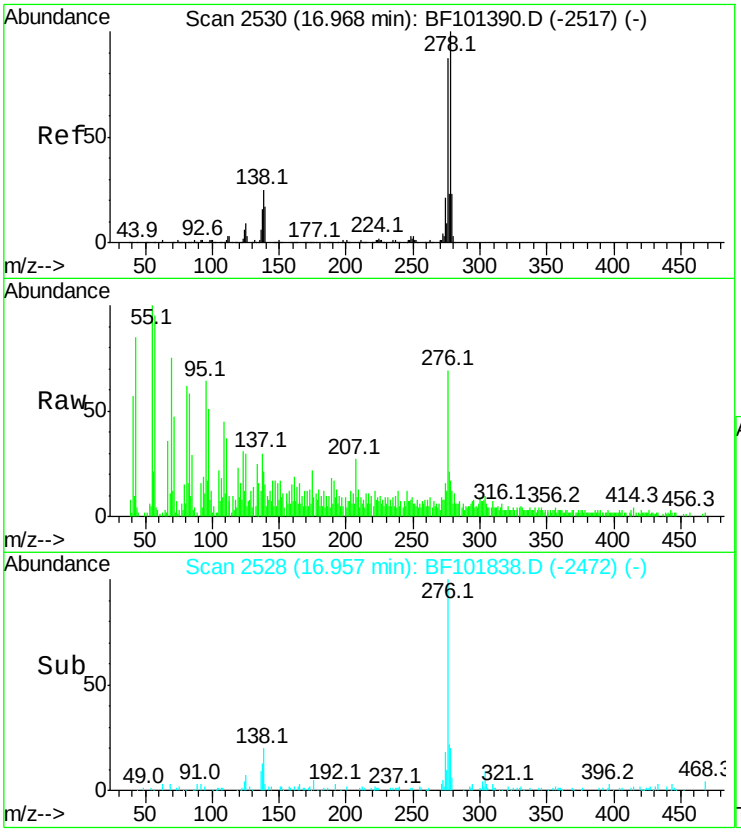


#82
Chrysene
Concen: 11.685 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:228 Resp: 168973

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.1	16.2	24.4



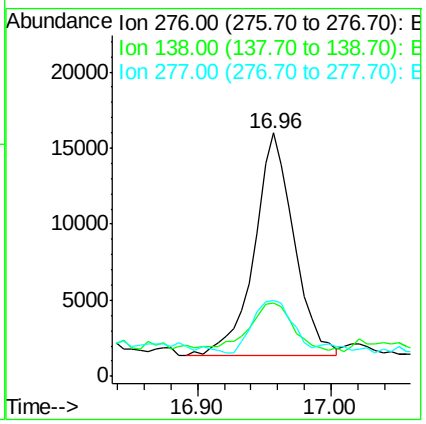


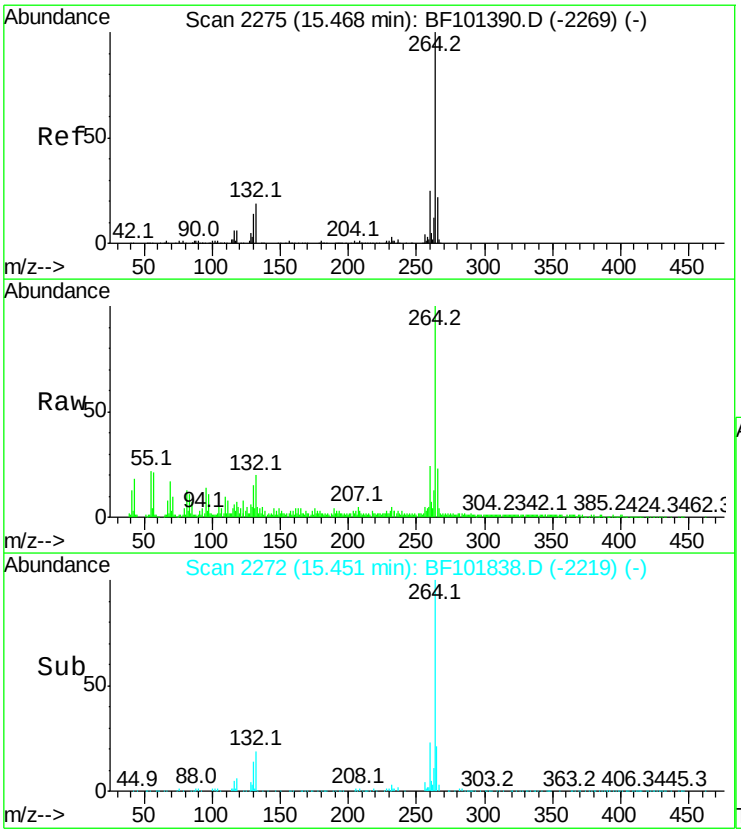
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.327 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.03 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29967

Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	24.6	20.1	30.1

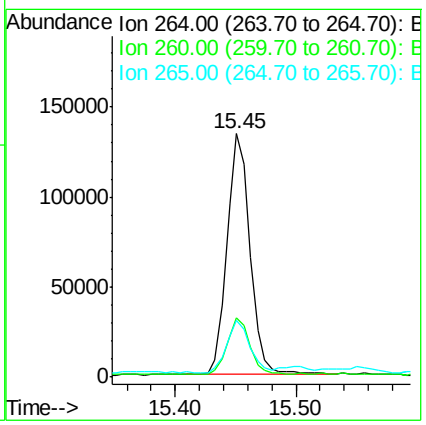


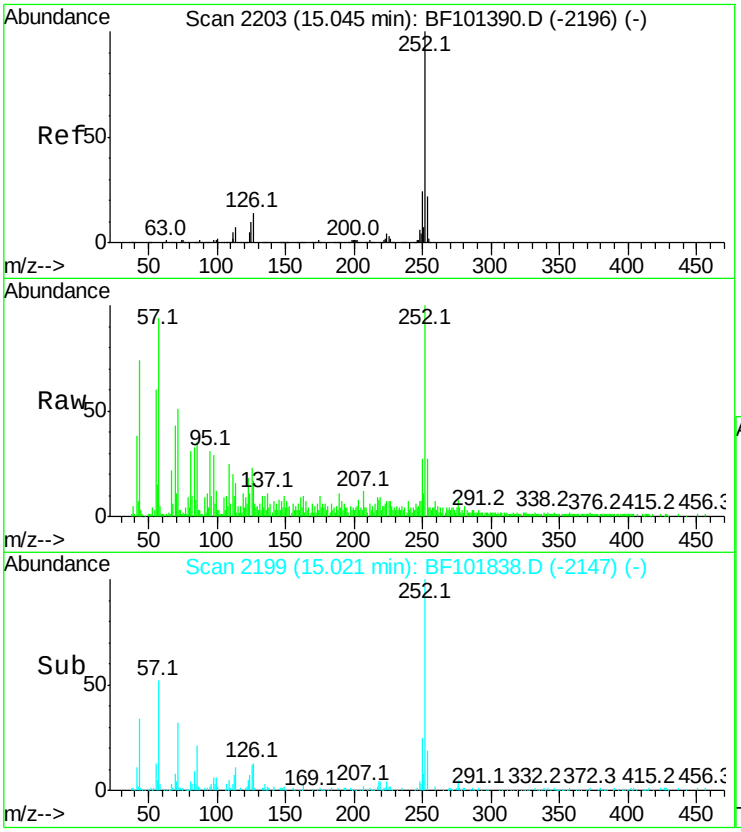


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:264 Resp: 178097

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.3	17.5	26.3



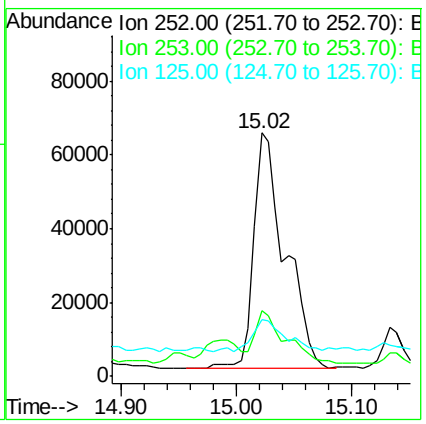


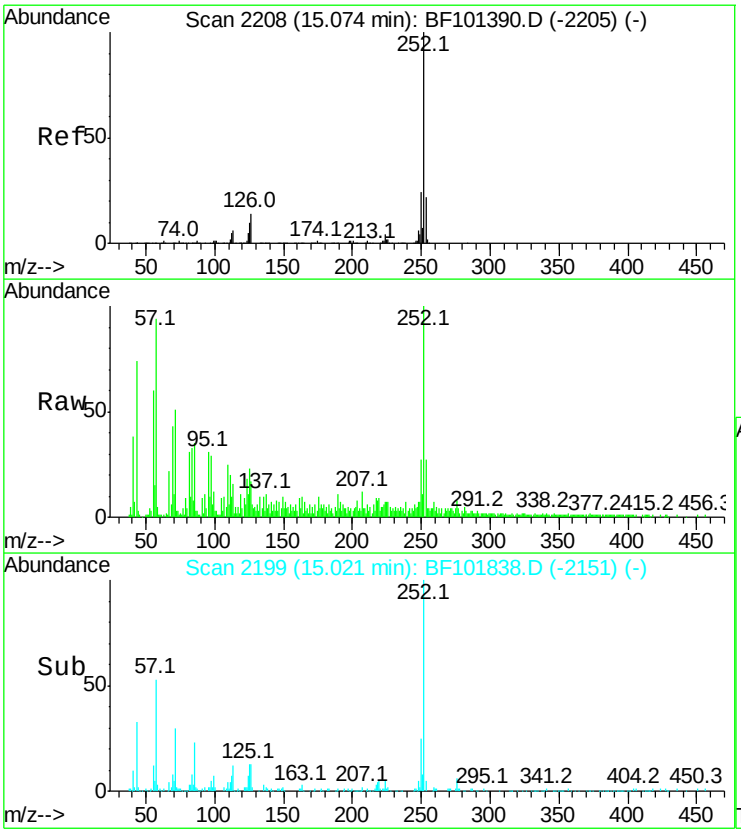
#87
Benzo(b)fluoranthene
Concen: 11.165 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 121205

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.0	25.6#
125	23.2	9.0	13.6#

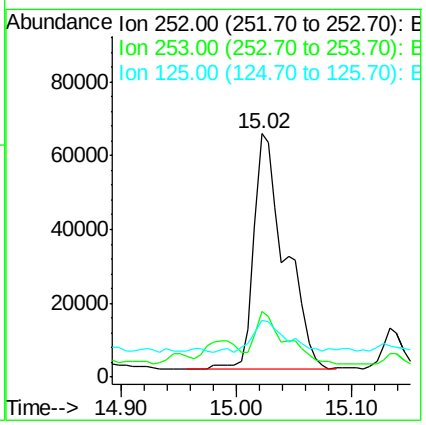


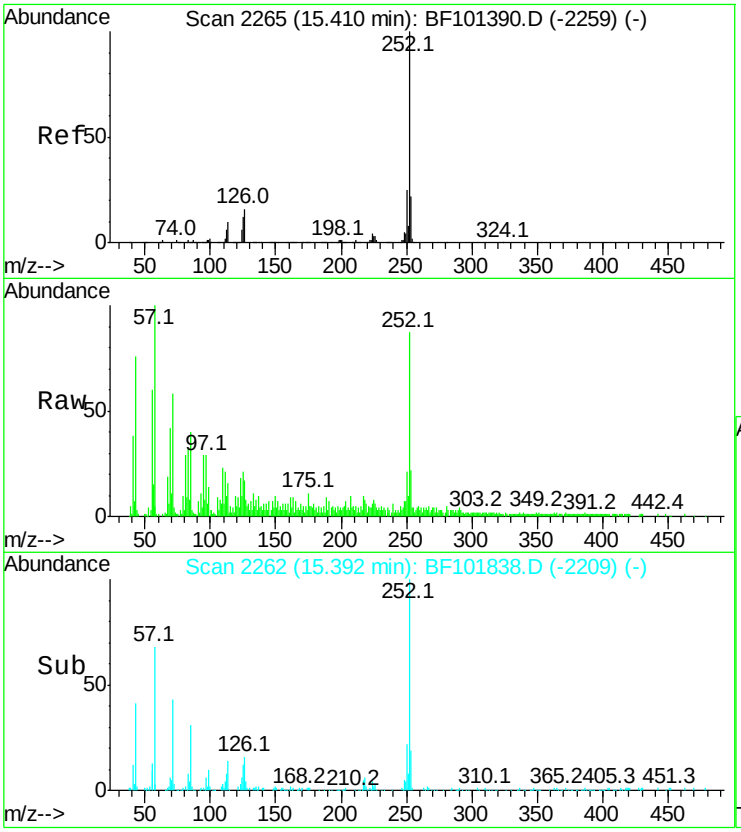


#88
Benzo(k)fluoranthene
Concen: 11.484 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:252 Resp: 121205

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	23.2	10.2	15.2#



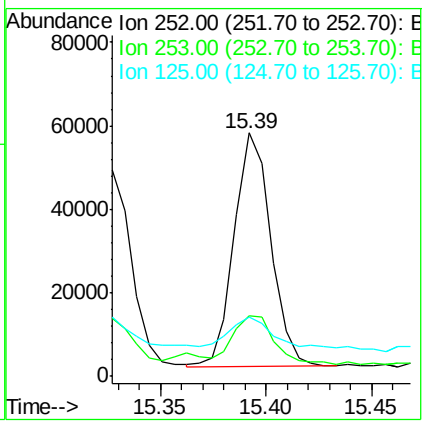


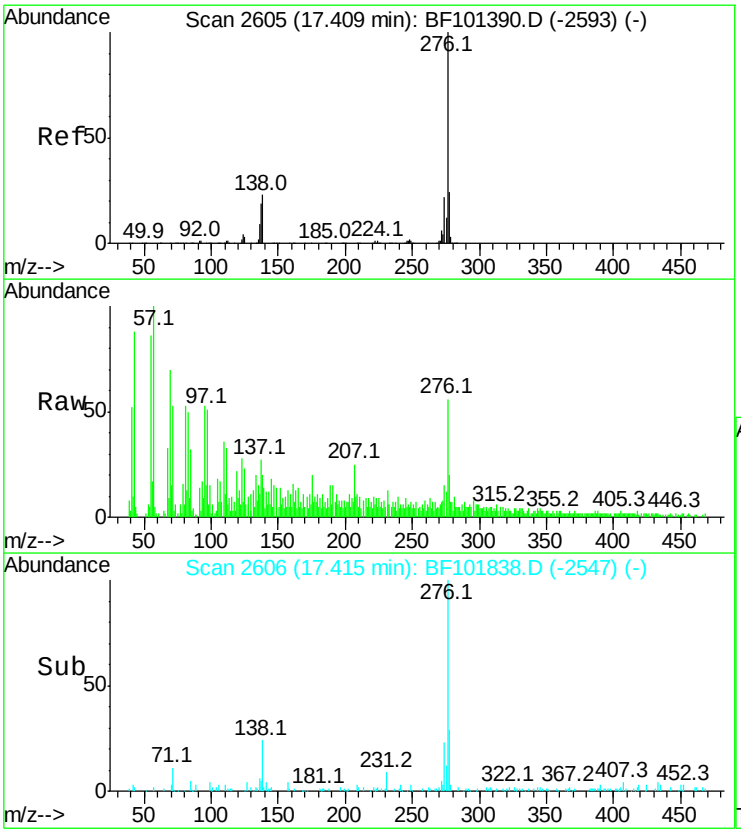
#89
Benzo(a)pyrene
Concen: 6.765 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 67700

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	24.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.324 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.05 min
Lab File: BF101838.D
Acq: 29 Dec 2017 19:20

Tgt Ion:276 Resp: 28281

Ion	Ratio	Lower	Upper
276	100		
277	35.9	17.9	26.9#
138	35.5	21.8	32.8#