Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 29 04:37:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	130638	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	471294	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	172936	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	269883	20.00	ng		0.00
75) Chrysene-d12	13.97	240	244805	20.00	ng		0.00
86) Perylene-d12	15.44	264	228565	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	453751	51.74	ng		0.00
7) Phenol-d6	6.43	99	536102	49.12	ng		0.00
23) Nitrobenzene-d5	7.35	82	305797	36.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	71162	42.70	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	441990	39.65	ng		-0.01
78) Terphenyl-d14	12.89	244	322261	31.74	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	38105	5.316	ng	#	84
25) Isophorone	7.35	82	305796	18.005	ng	#	64
31) Naphthalene	8.09	128	93864	3.956	ng		99
32) Benzoic acid	7.92	122	603	8.070	ng	#	47
37) 2-Methylnaphthalene	8.78	142	44472	2.877	ng		99
48) Acenaphthylene	9.69	152	81267	4.384	ng		98
49) Dimethylphthalate	9.53	163	63456	4.562	ng		99
51) Acenaphthene	9.85	154	32136	2.886	ng		97
54) Dibenzofuran	10.03	168	45257	3.198	ng	#	97
57) Fluorene	10.37	166	81387	6.798	ng		98
70) Phenanthrene	11.34	178	631568	42.080	ng		99
71) Anthracene	11.39	178	214976	14.022	ng		99
72) Carbazole	11.56	167	52939	3.688	ng		97
74) Fluoranthene	12.53	202	919617	58.375	ng		99
77) Pyrene	12.77	202	832629	45.319	ng		98
79) Butylbenzylphthalate	13.36	149	19903	2.394	ng	#	85
80) Benzo(a)anthracene	13.96	228	448563	27.749	ng		99
82) Chrysene	14.00	228	397173	26.023	ng		96
83) Bis(2-ethylhexyl)phthalate	13.92	149	161436	15.332	ng		98
85) Indeno(1,2,3-cd)pyrene	16.93	276	218347	16.065	ng	#	87
87) Benzo(b)fluoranthene	15.02	252	617501	44.324	ng	#	95
88) Benzo(k)fluoranthene	15.02	252	617501	45.588	ng		97
89) Benzo(a)pyrene	15.39	252	344553	26.828	ng	#	94
90) Dibenzo(a,h)anthracene	16.92	278	46197	4.190	ng	#	72
91) Benzo(g,h,i)perylene	17.39	276	195981	17.949	ng		96

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

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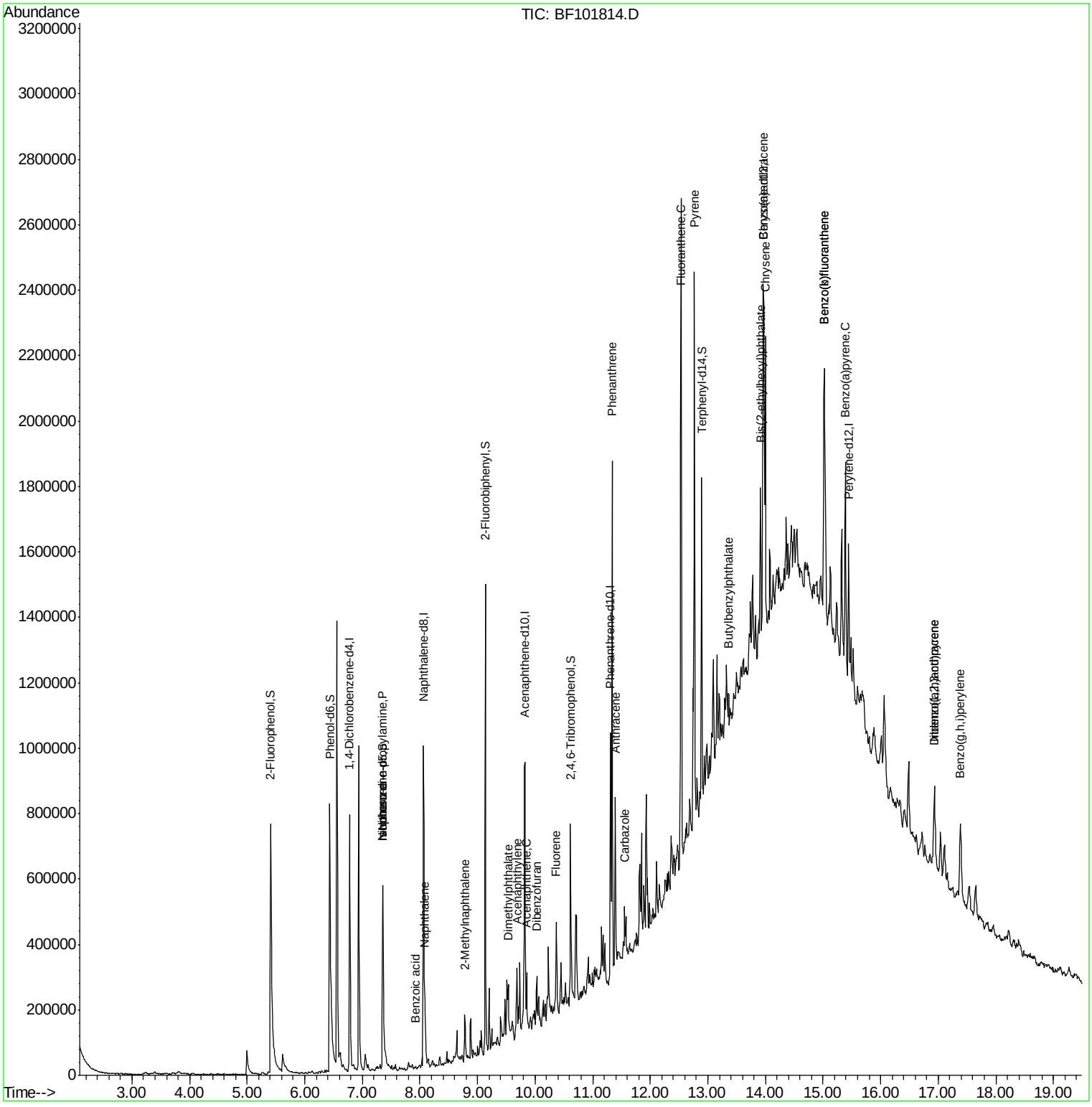
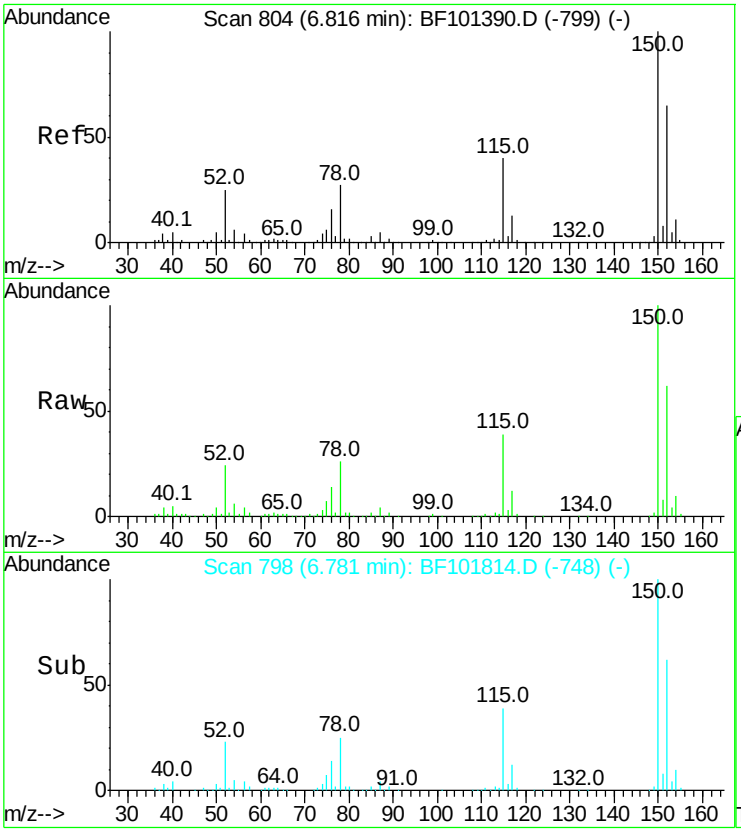
Data File : BF101814.D
Acq On : 28 Dec 2017 20:33
Operator : SJ/JU
Sample : I7006-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 29 04:37:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

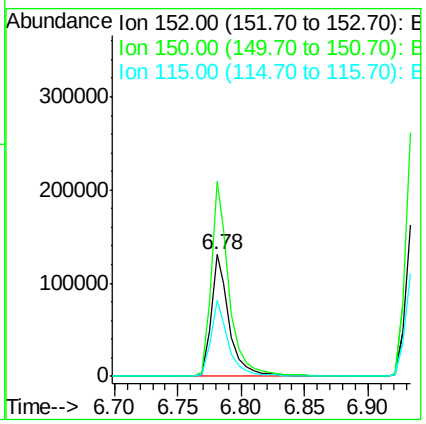




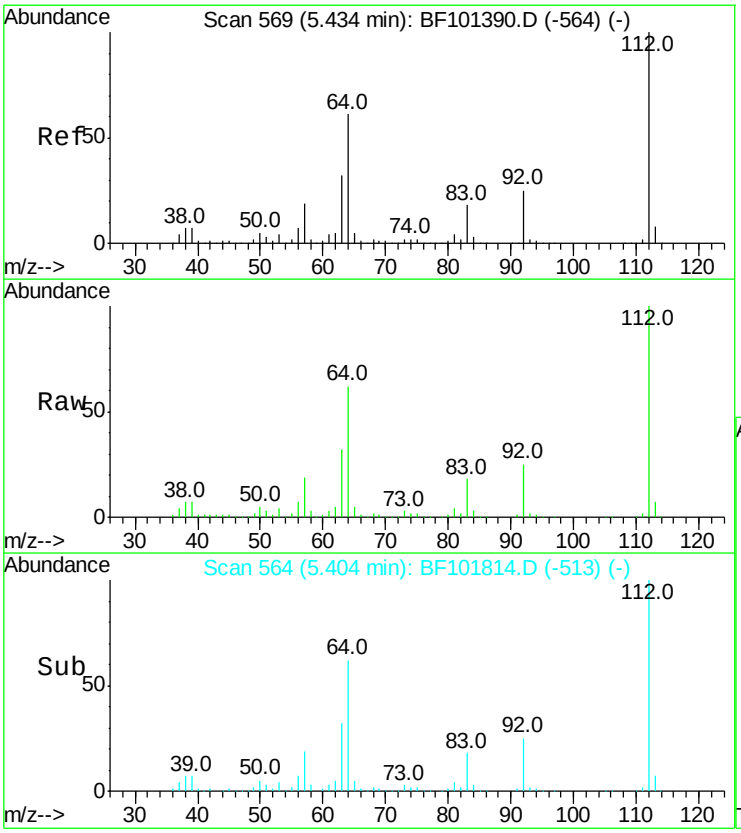
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:152 Resp: 130638

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	62.2	50.1	75.1



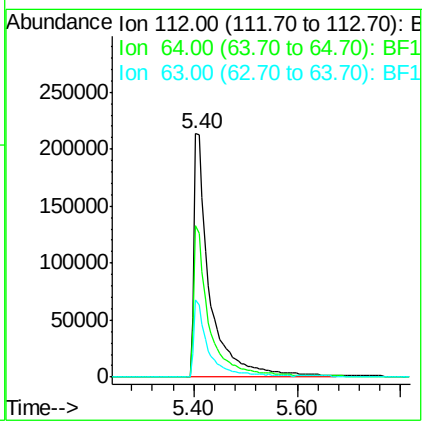
Instrument :
BNA_F
ClientSampleId :

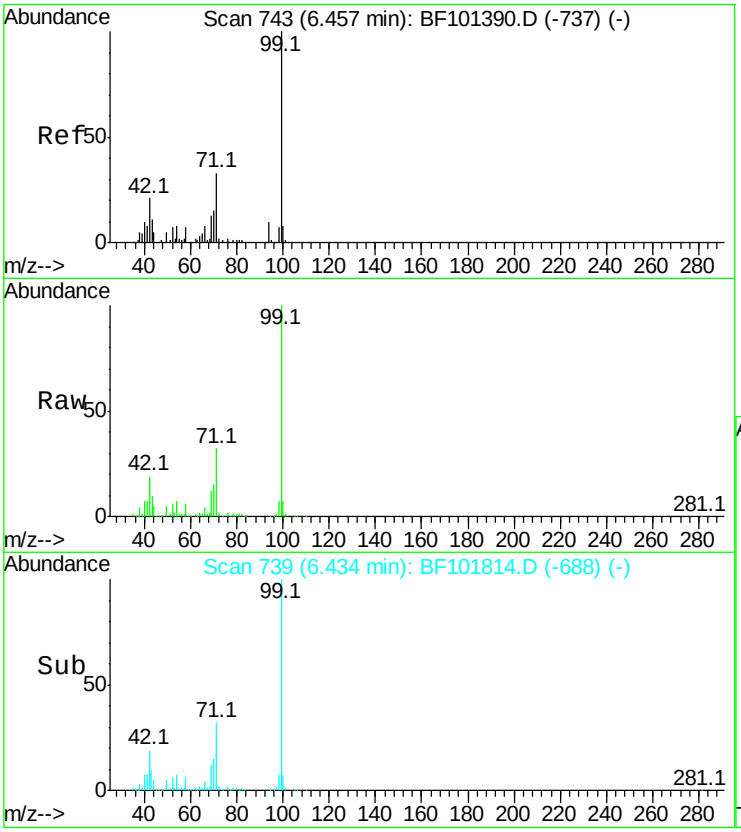


#5
2-Fluorophenol
Concen: 51.738 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:112 Resp: 453751

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.9	23.7	35.5



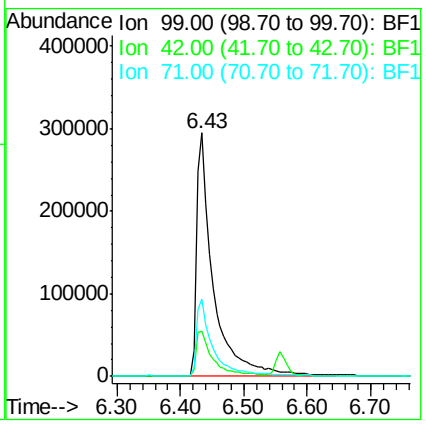


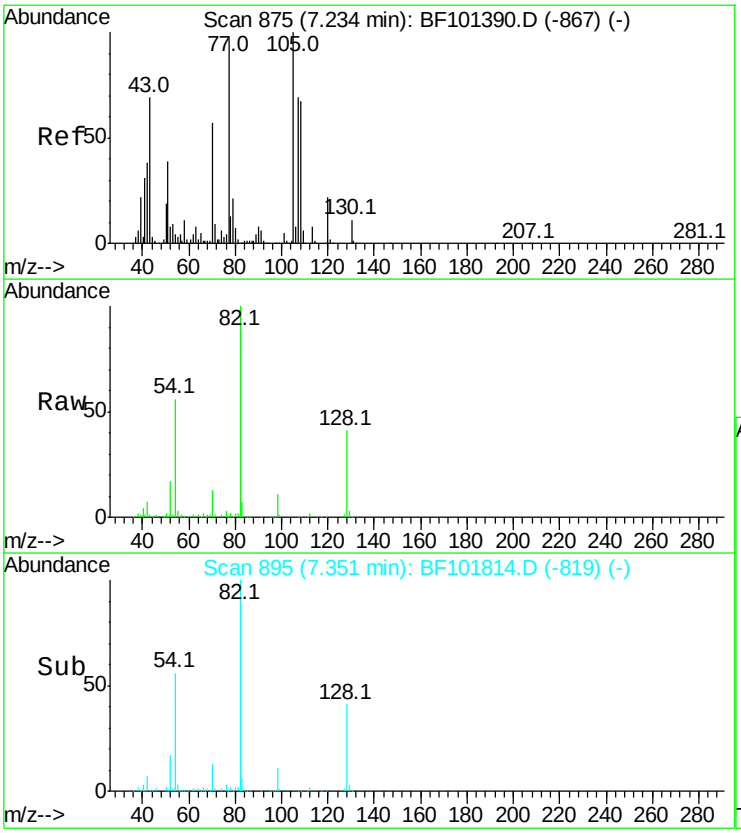
#7
Phenol-d6
Concen: 49.117 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 536102

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	31.6	25.4	38.0

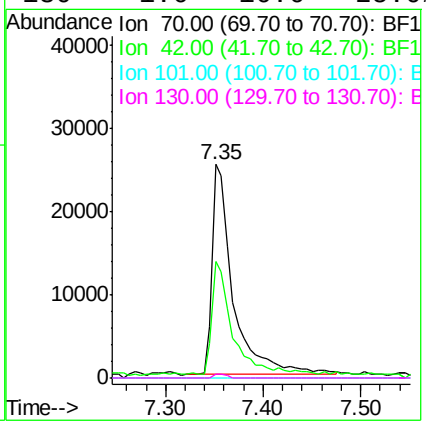


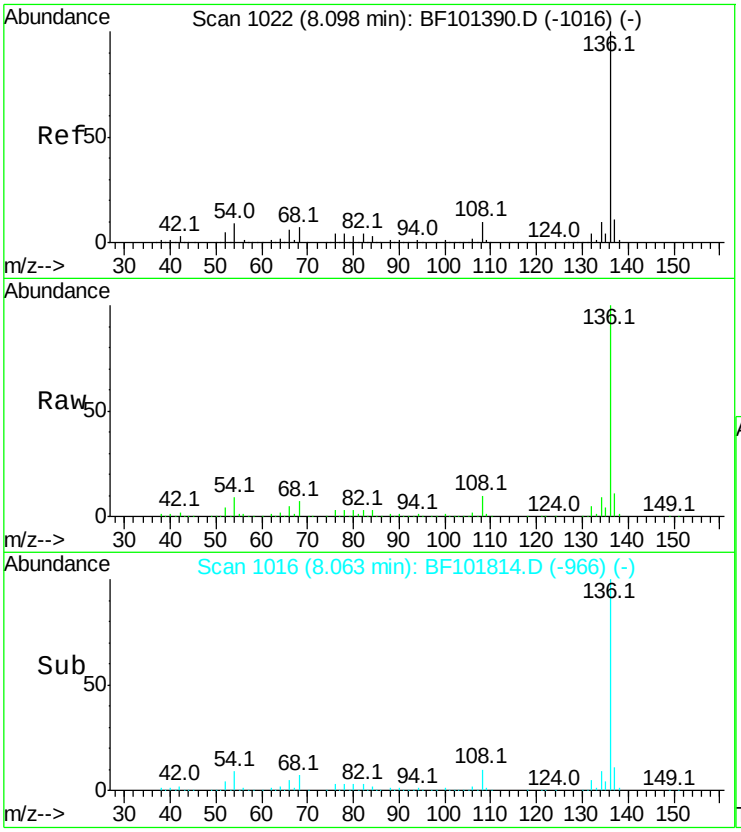


#19
n-Nitroso-di-n-propylamine
Concen: 5.316 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion: 70 Resp: 38105

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



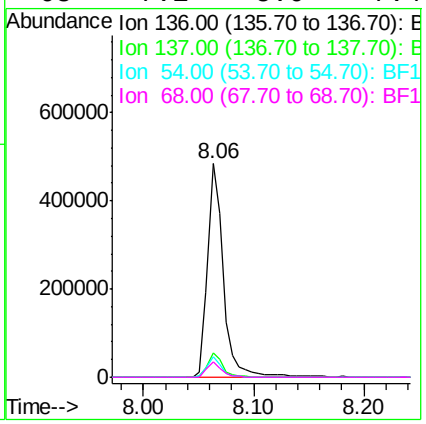


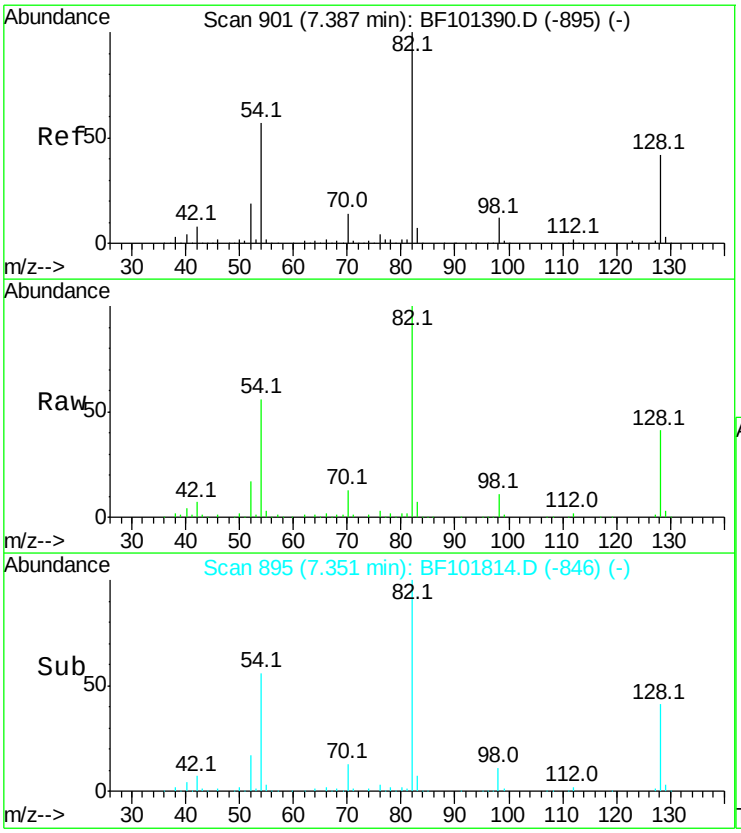
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 471294

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.3	6.6	9.8
68	7.1	5.0	7.4

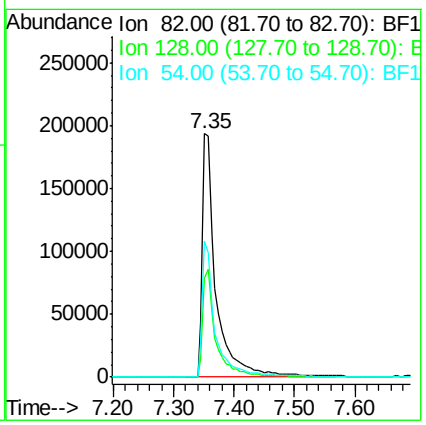


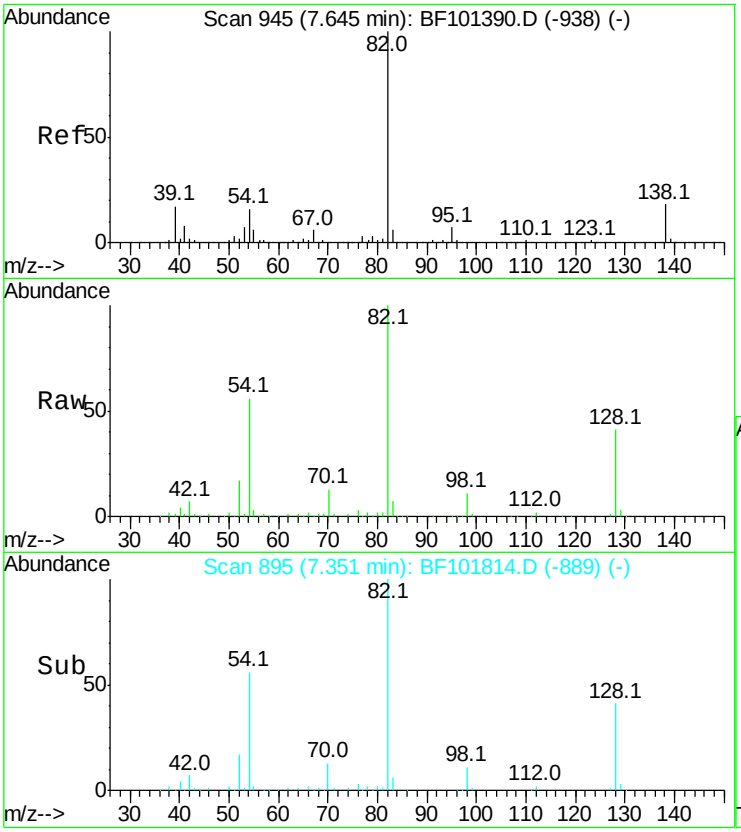


#23
Nitrobenzene-d5
Concen: 36.118 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion: 82 Resp: 305797

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	55.8	41.4	62.2



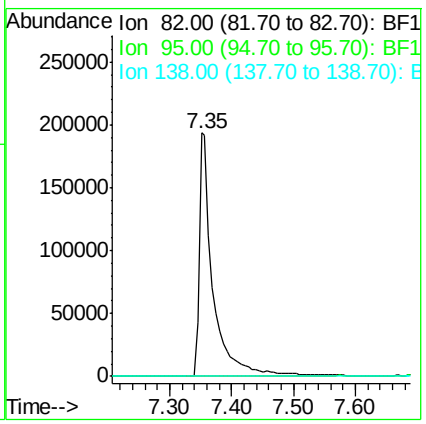


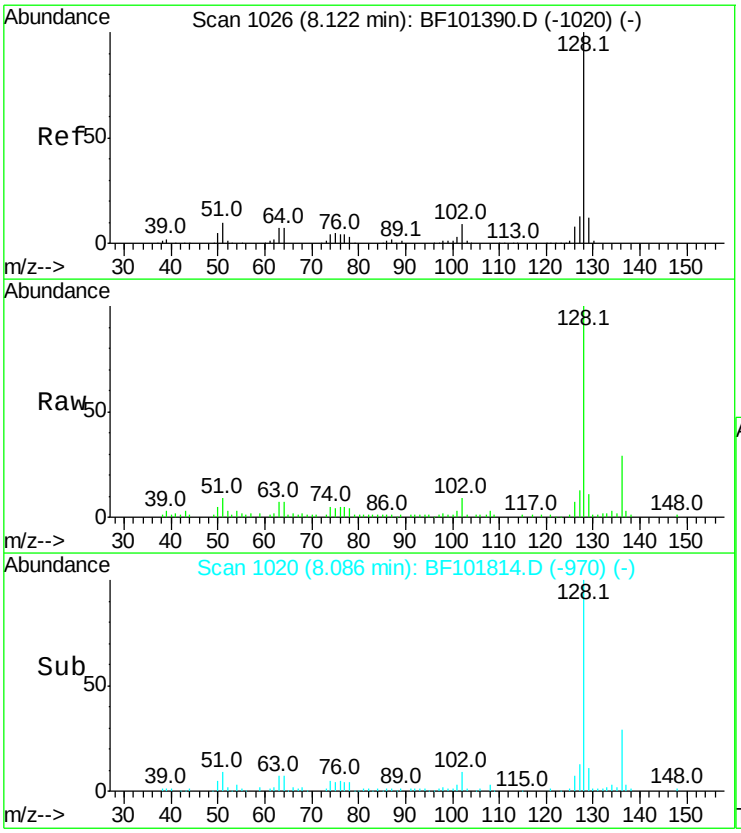
#25
Isophorone
Concen: 18.005 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 305796

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

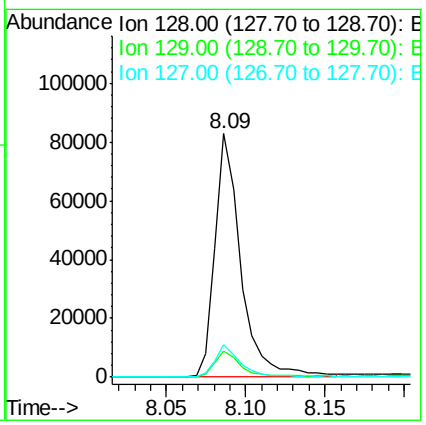


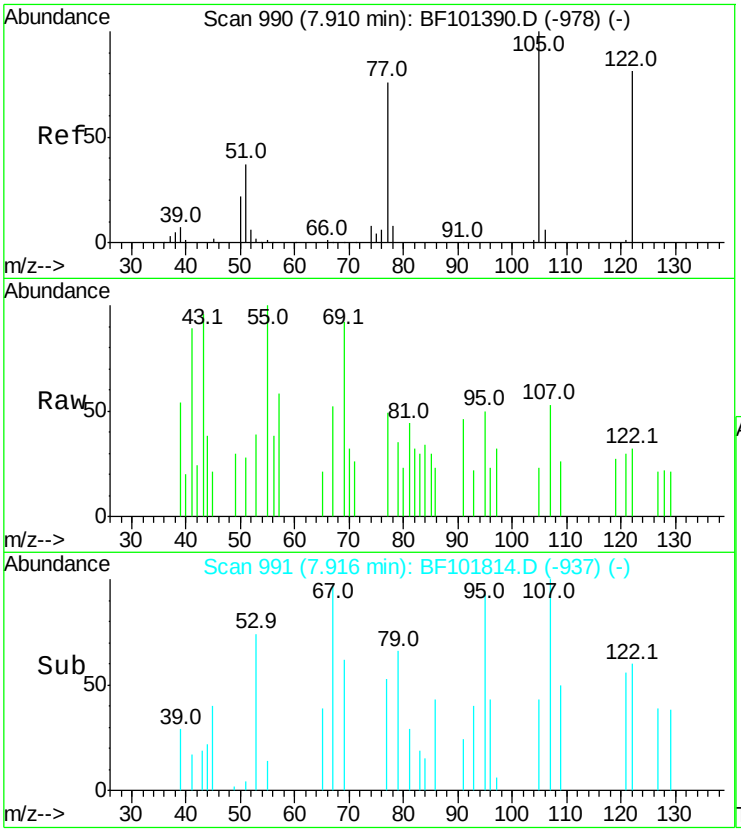


#31
Naphthalene
Concen: 3.956 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:128 Resp: 93864

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



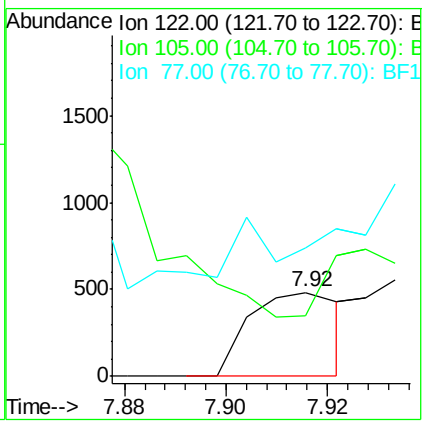


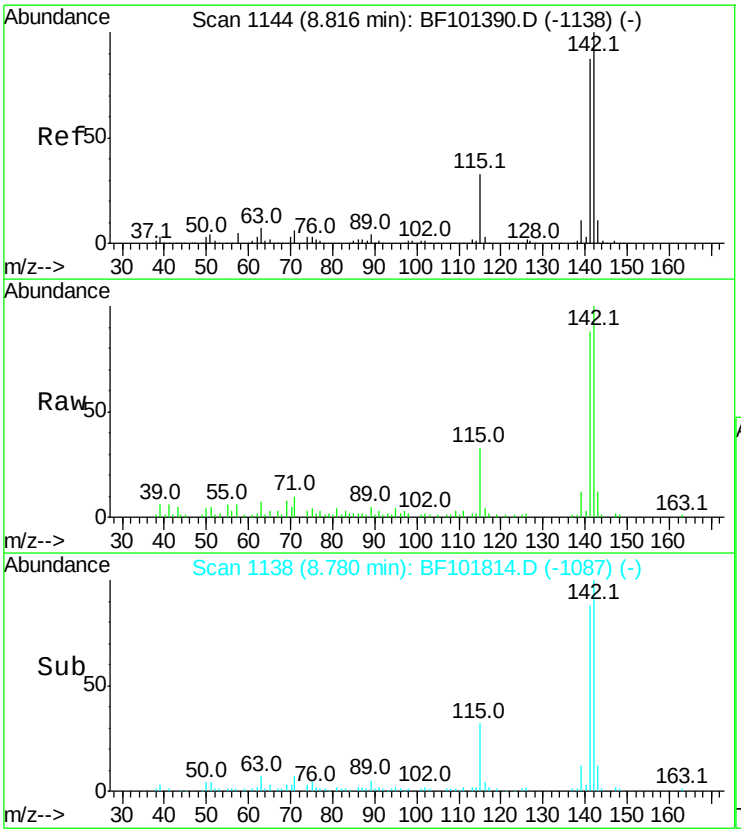
#32
Benzoic acid
Concen: 8.070 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.02 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 603

Ion	Ratio	Lower	Upper
122	100		
105	71.6	101.1	141.1#
77	152.8	70.7	110.7#

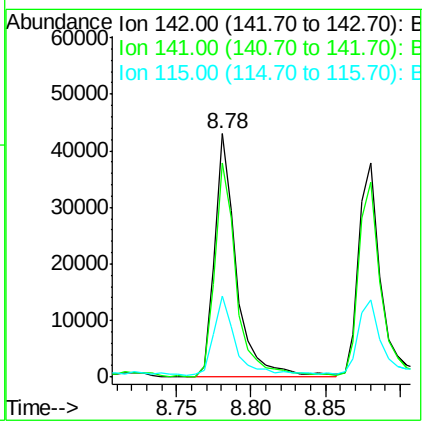


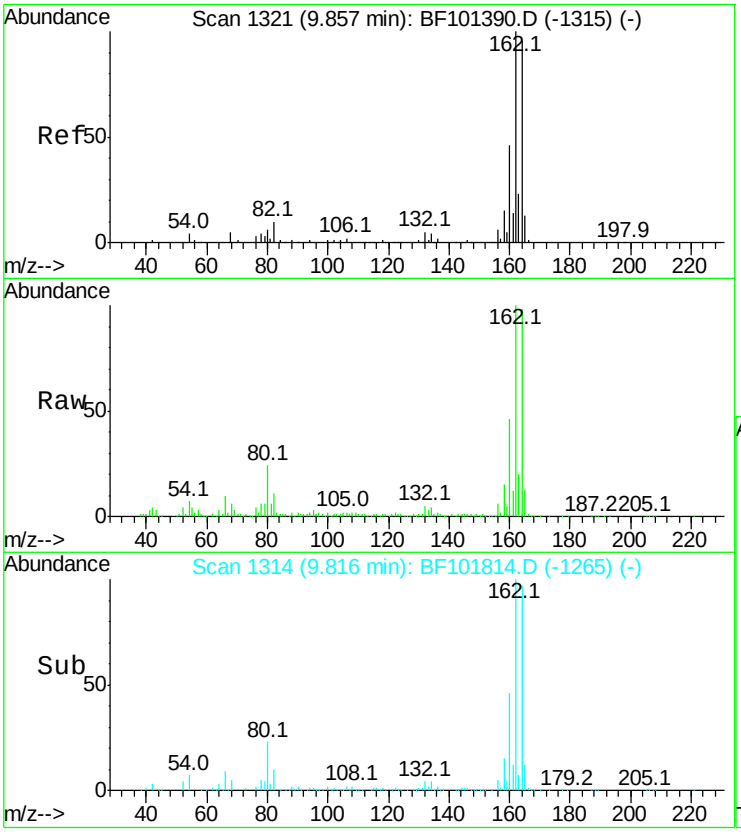


#37
2-Methylnaphthalene
Concen: 2.877 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:142 Resp: 44472

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	33.3	26.1	39.1



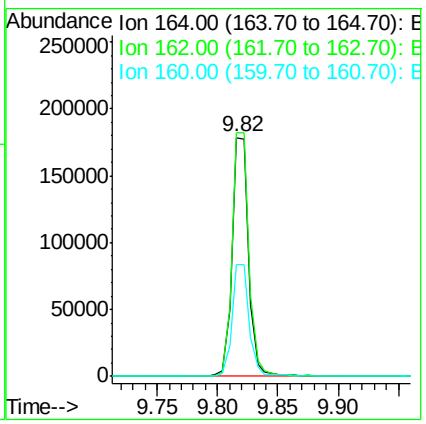


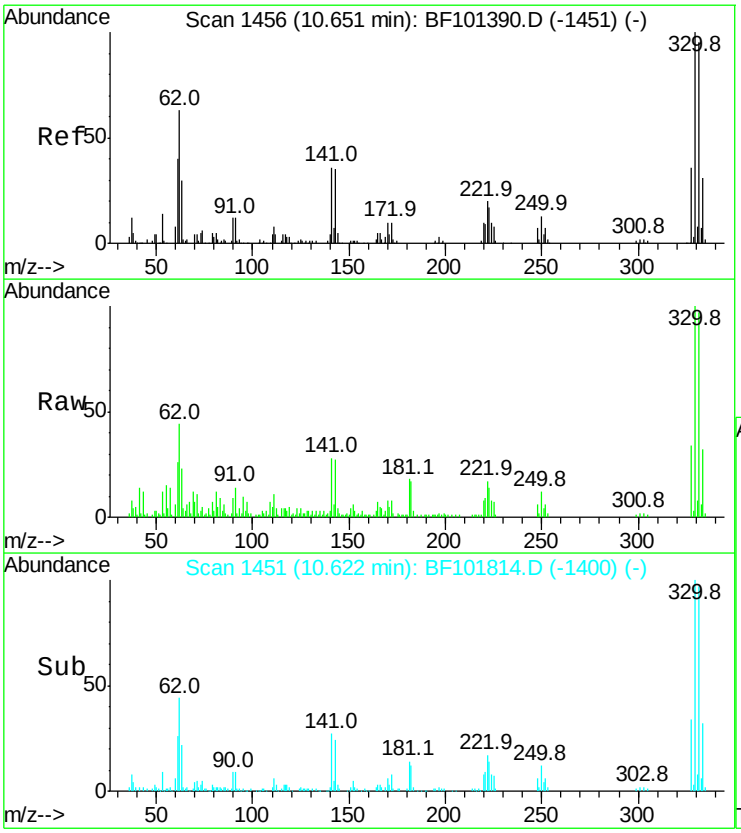
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 172936

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	47.0	38.3	57.5

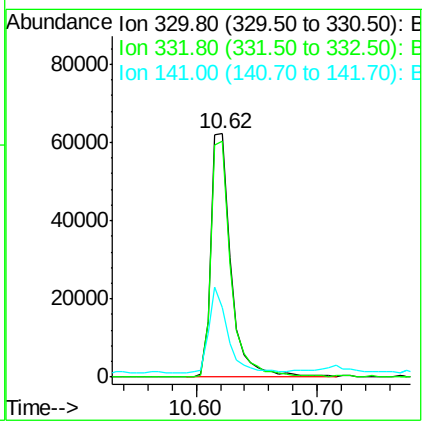


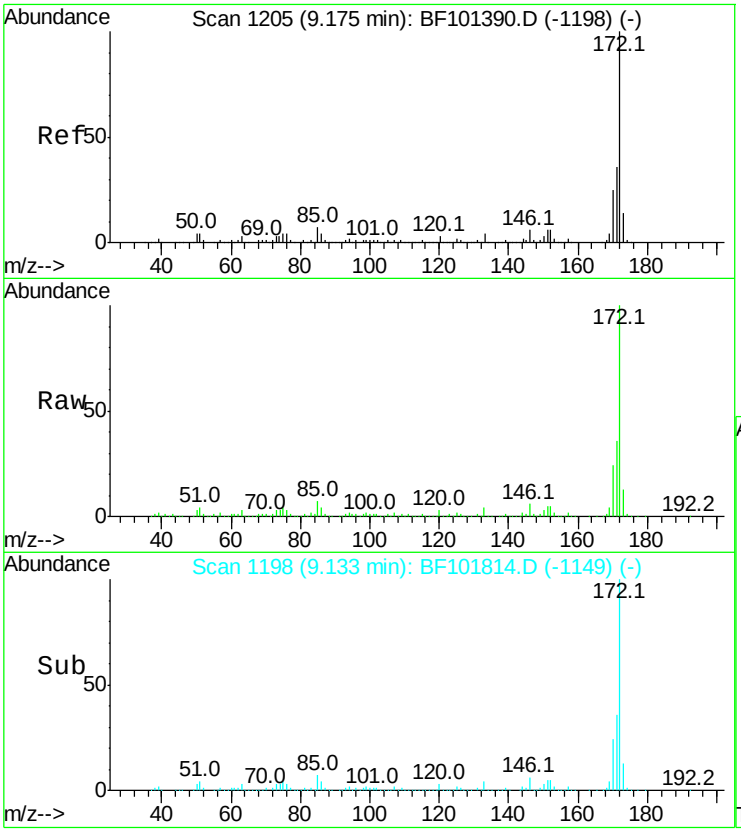


#41
2,4,6-Tribromophenol
Concen: 42.705 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:330 Resp: 71162

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.1	29.9	44.9



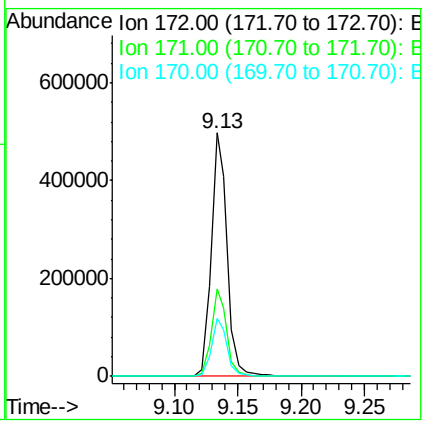


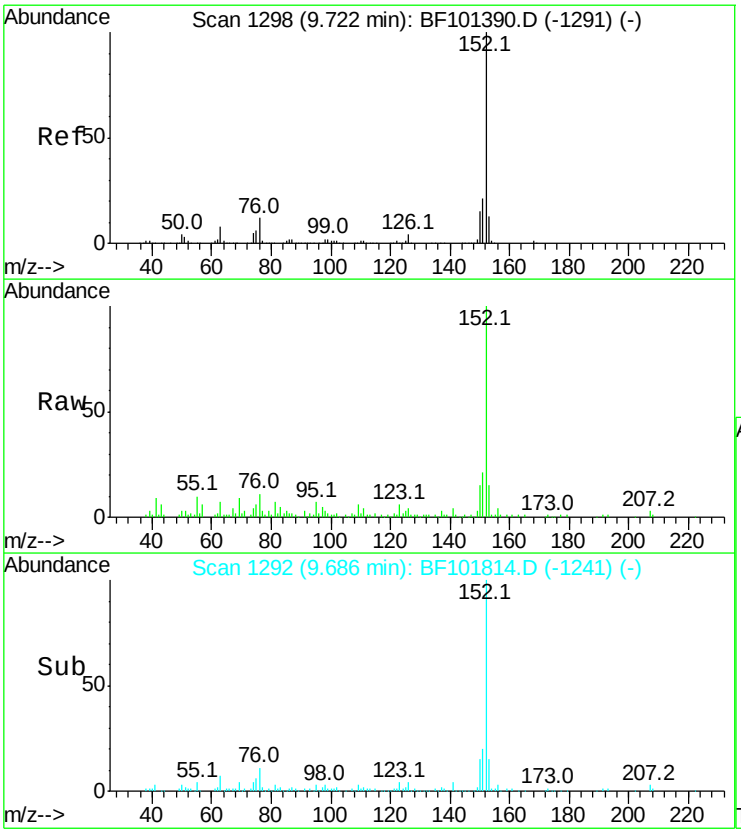
#44
2-Fluorobiphenyl
Concen: 39.647 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 441990

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4

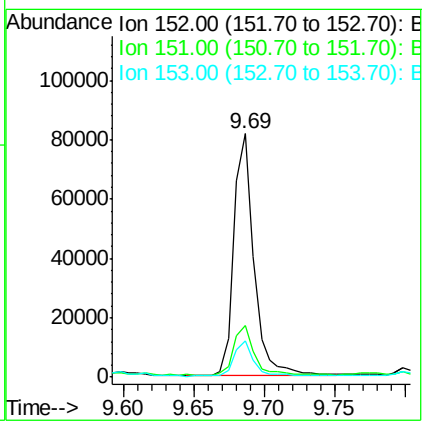


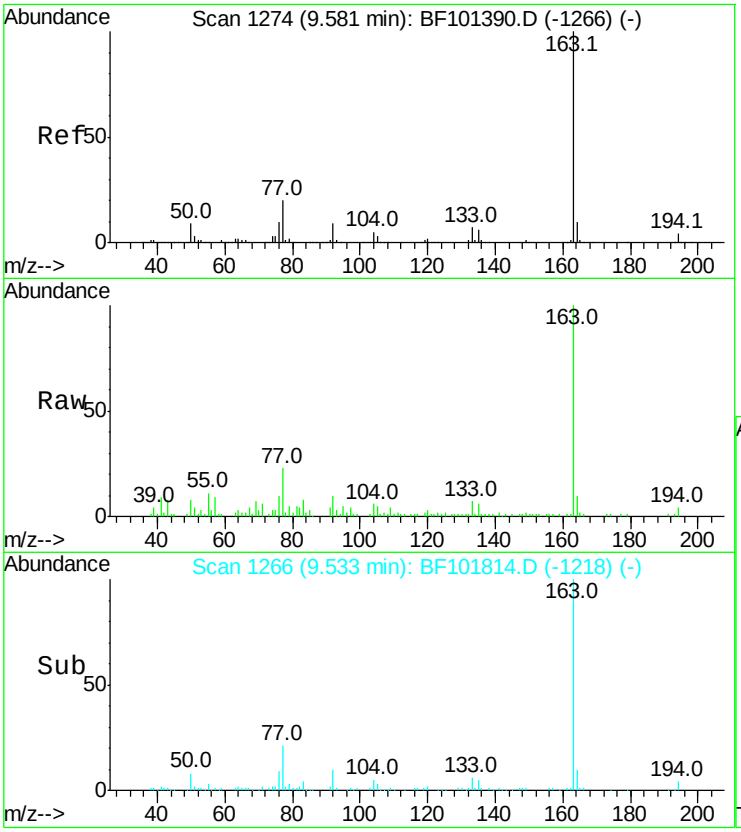


#48
Acenaphthylene
Concen: 4.384 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:152 Resp: 81267

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.9	10.7	16.1

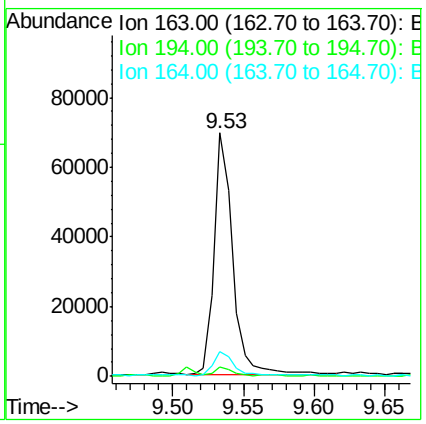




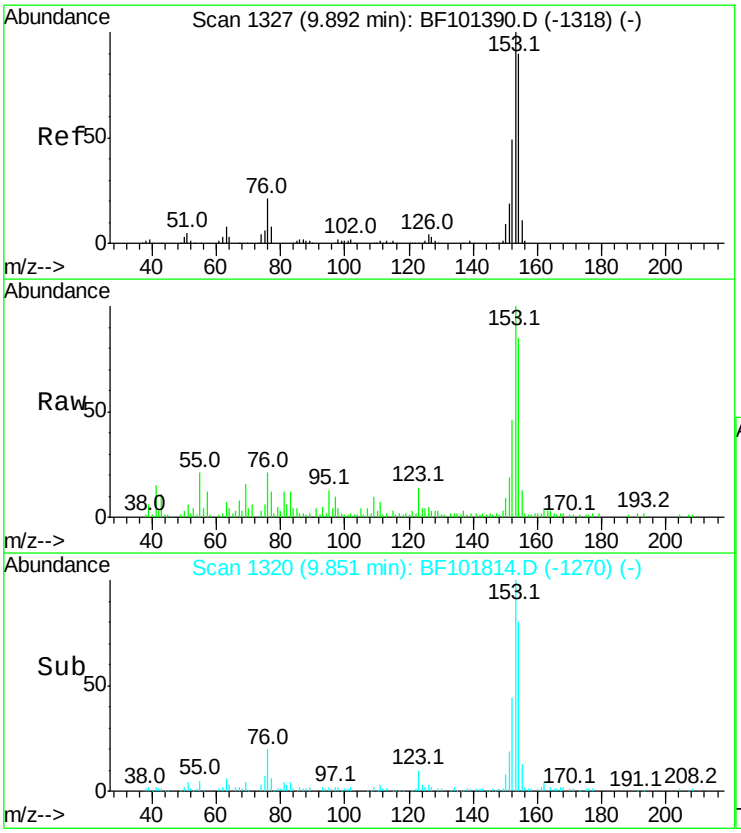
#49
Dimethylphthalate
Concen: 4.562 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:163 Resp: 63456

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2



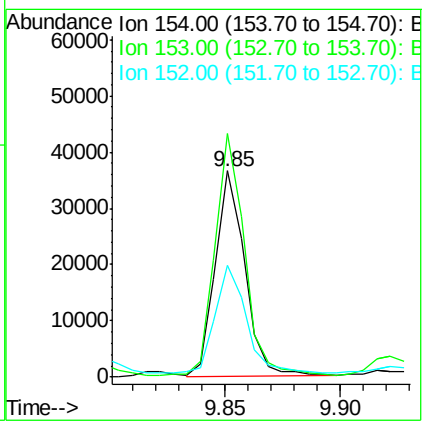
Instrument :
BNA_F
ClientSampleId :

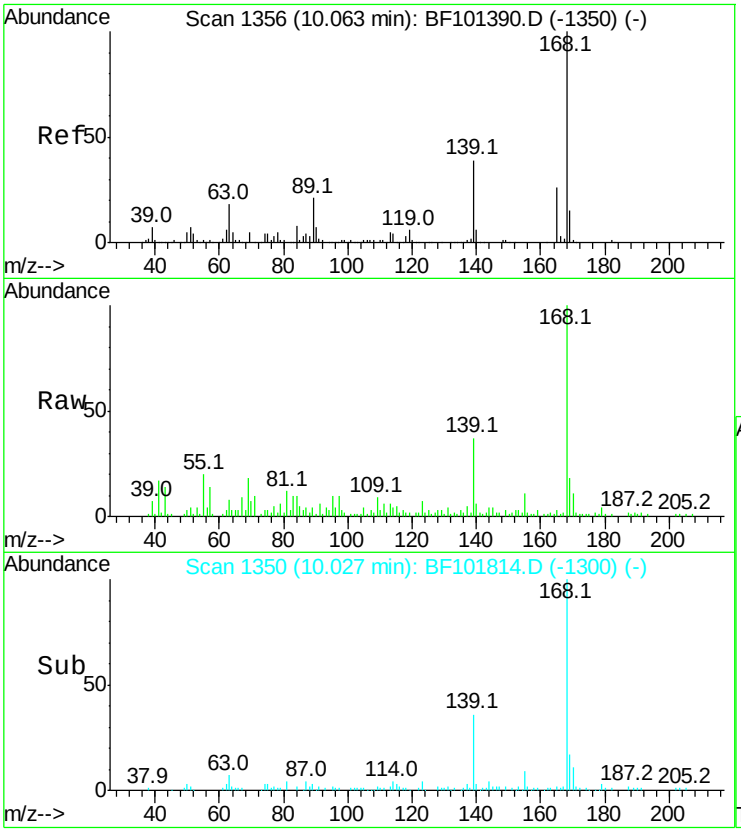


#51
Acenaphthene
Concen: 2.886 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:154 Resp: 32136

Ion	Ratio	Lower	Upper
154	100		
153	118.2	91.2	136.8
152	54.4	43.8	65.8



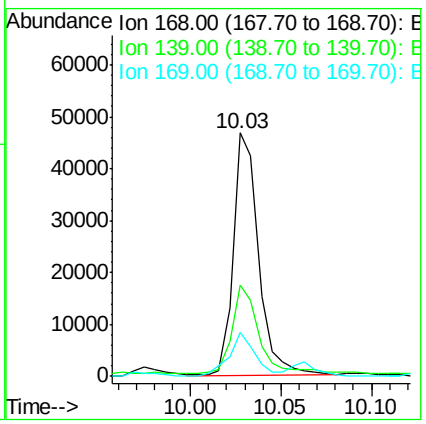


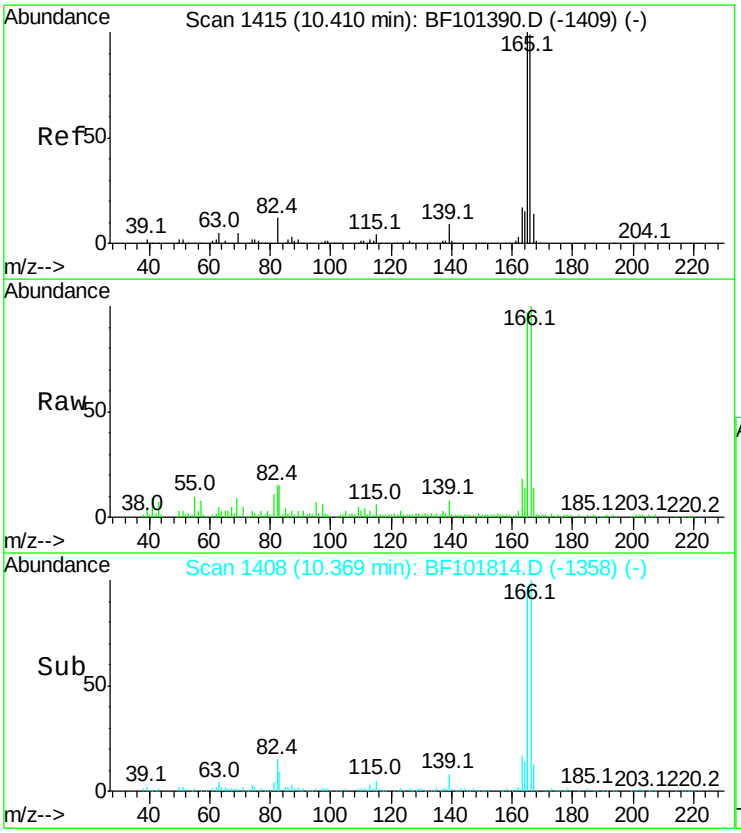
#54
Dibenzofuran
Concen: 3.198 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 45257

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	18.1	10.9	16.3#

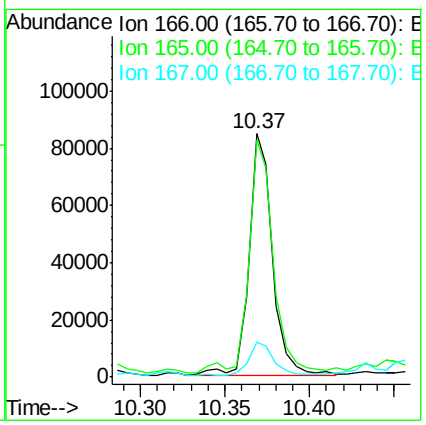


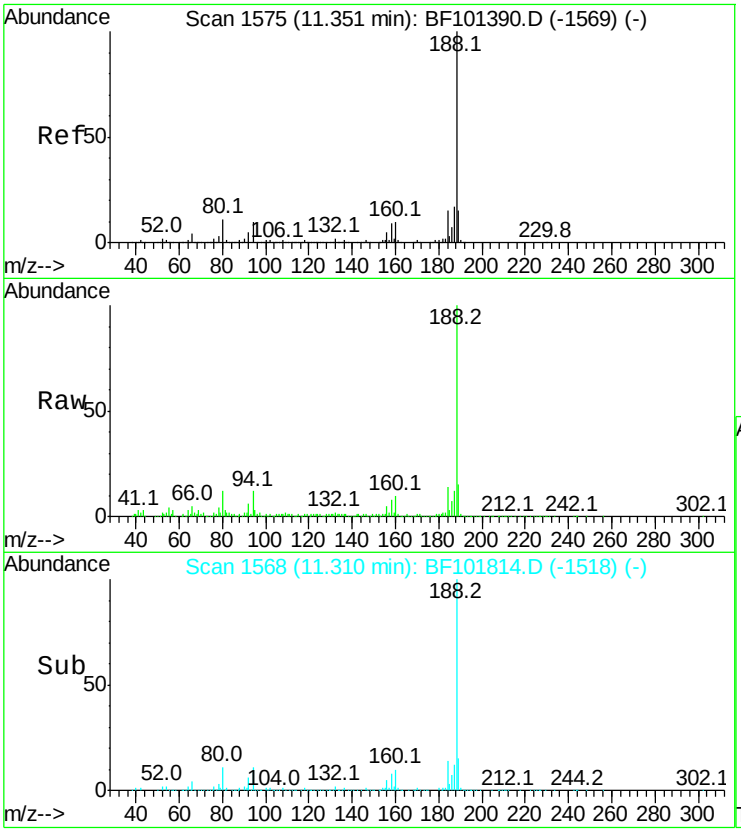


#57
Fluorene
Concen: 6.798 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:166 Resp: 81387

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.8
167	14.2	10.6	16.0



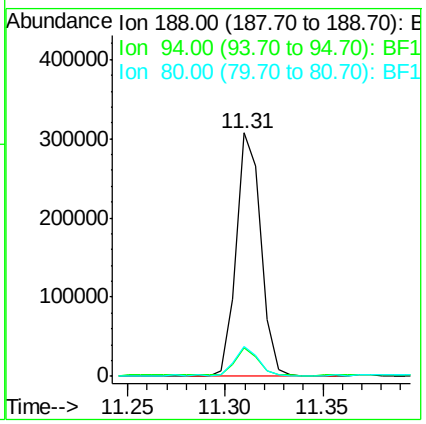


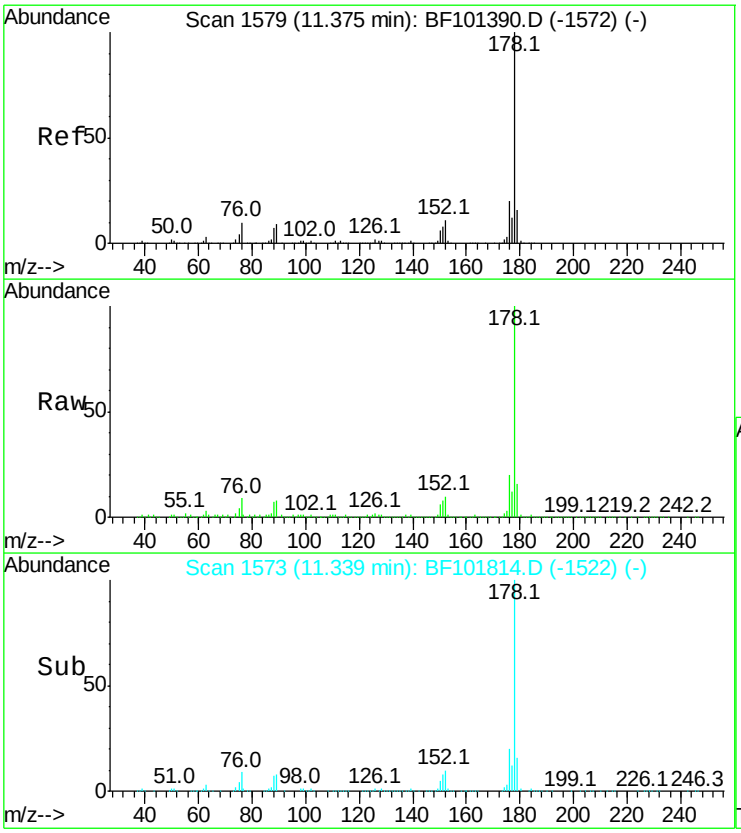
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 269883

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.0	9.2	13.8

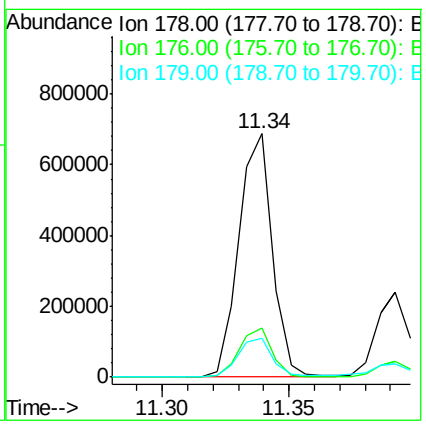


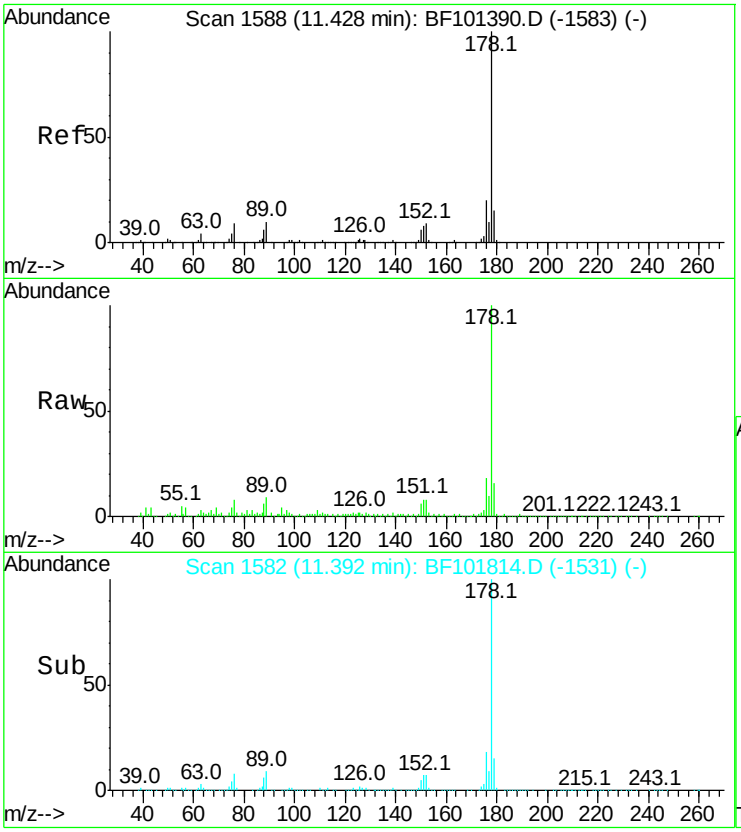


#70
Phenanthrene
Concen: 42.080 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:178 Resp: 631568

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6



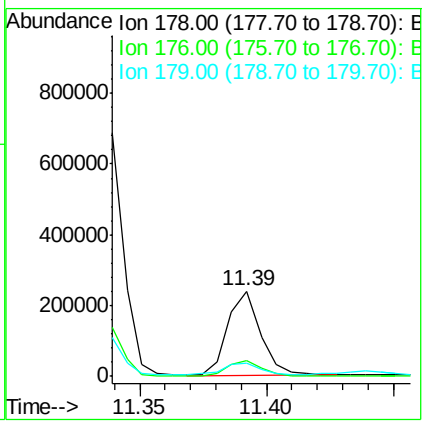


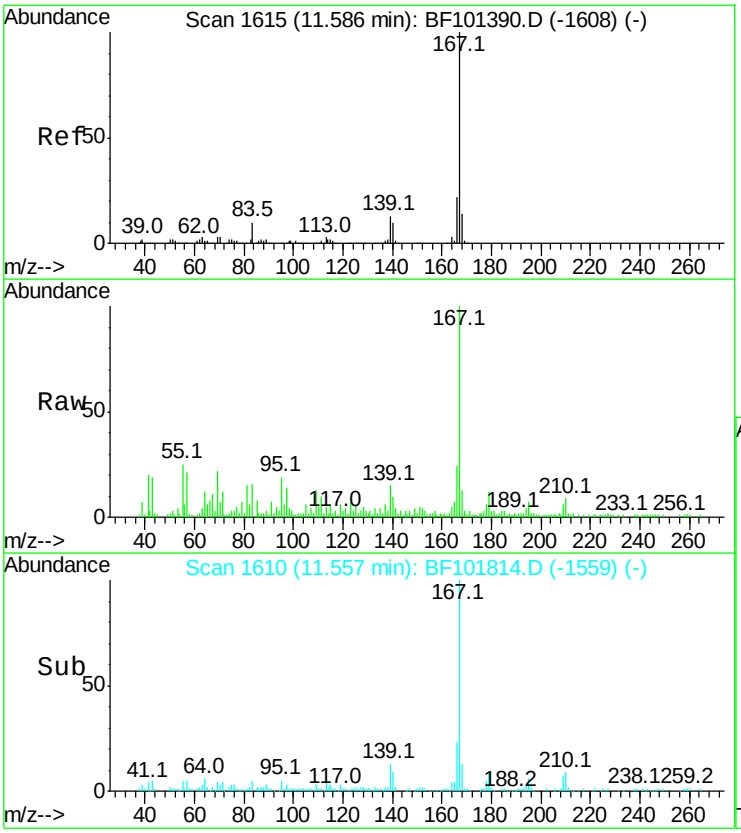
#71
Anthracene
Concen: 14.022 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 214976

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.9	12.6	19.0

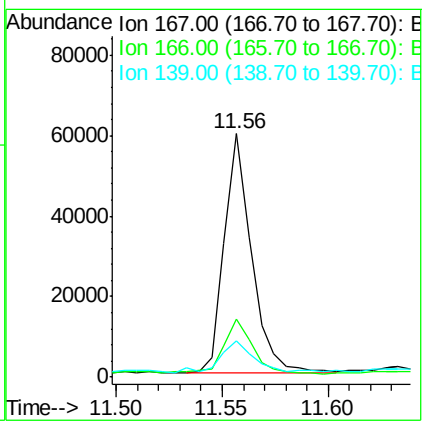


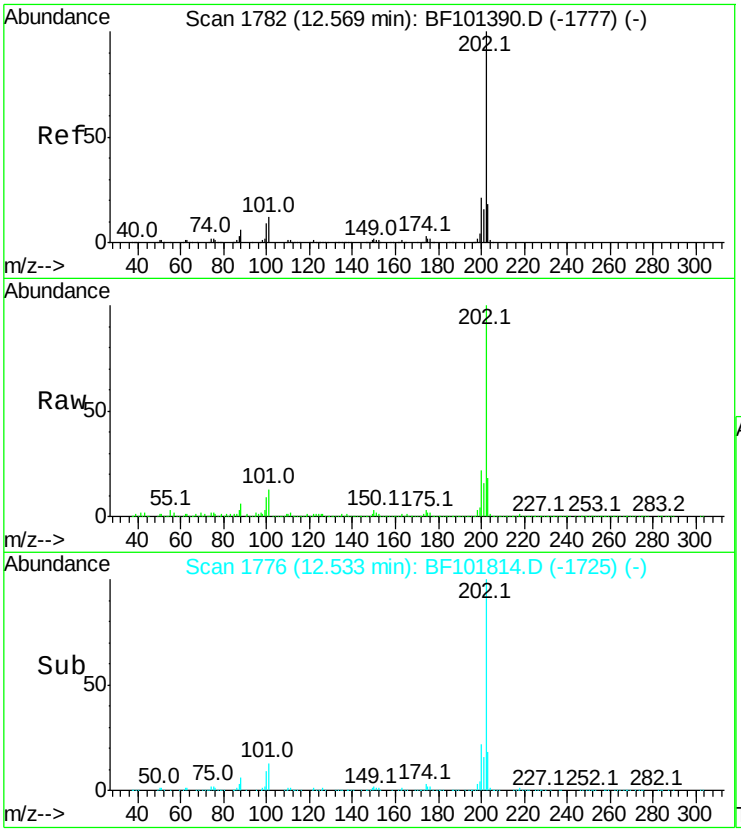


#72
Carbazole
Concen: 3.688 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:167 Resp: 52939

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.6	26.4
139	15.0	10.9	16.3



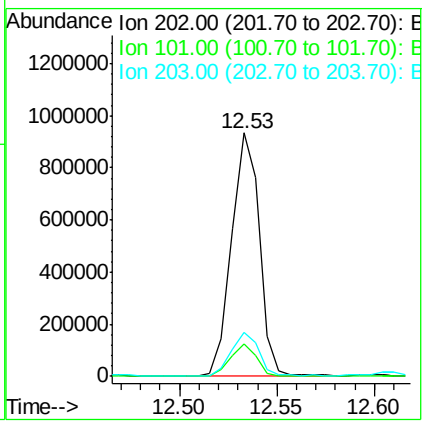


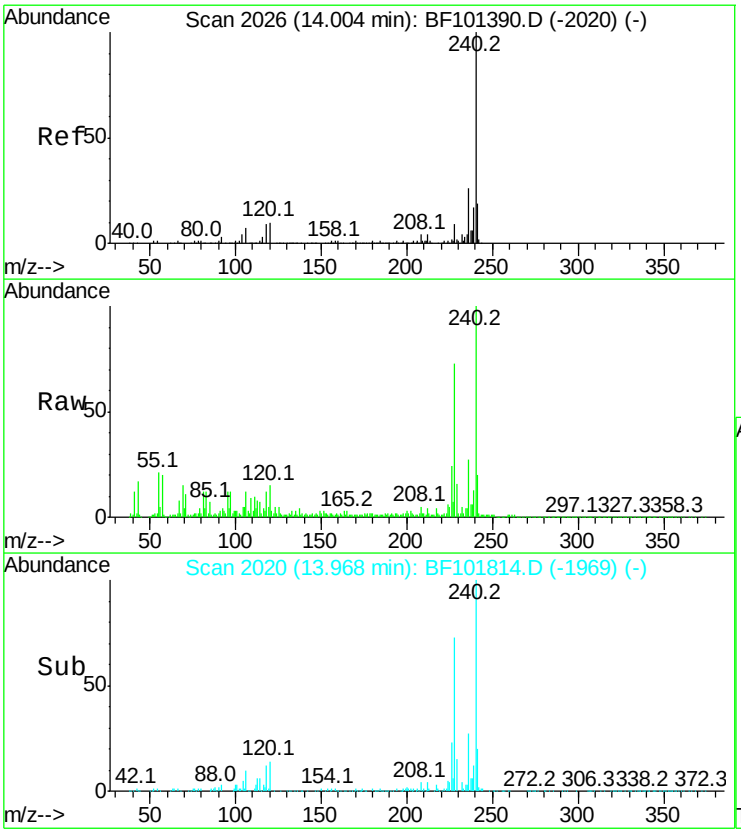
#74
Fluoranthene
Concen: 58.375 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 919617

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	18.1	0.0	38.1

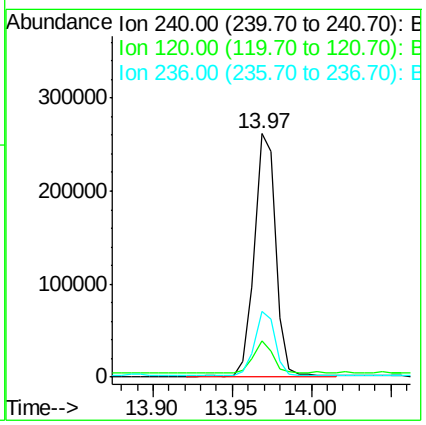


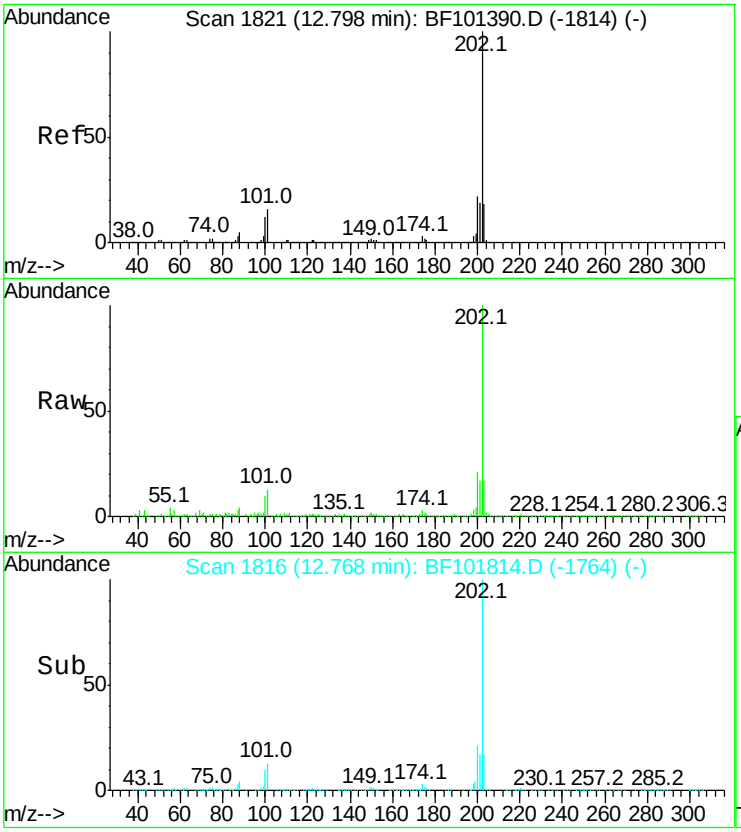


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:240 Resp: 244805

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	27.2	20.7	31.1



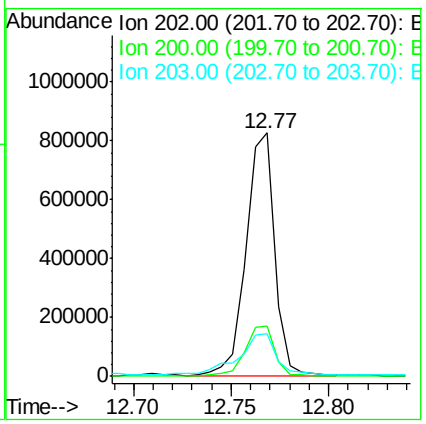


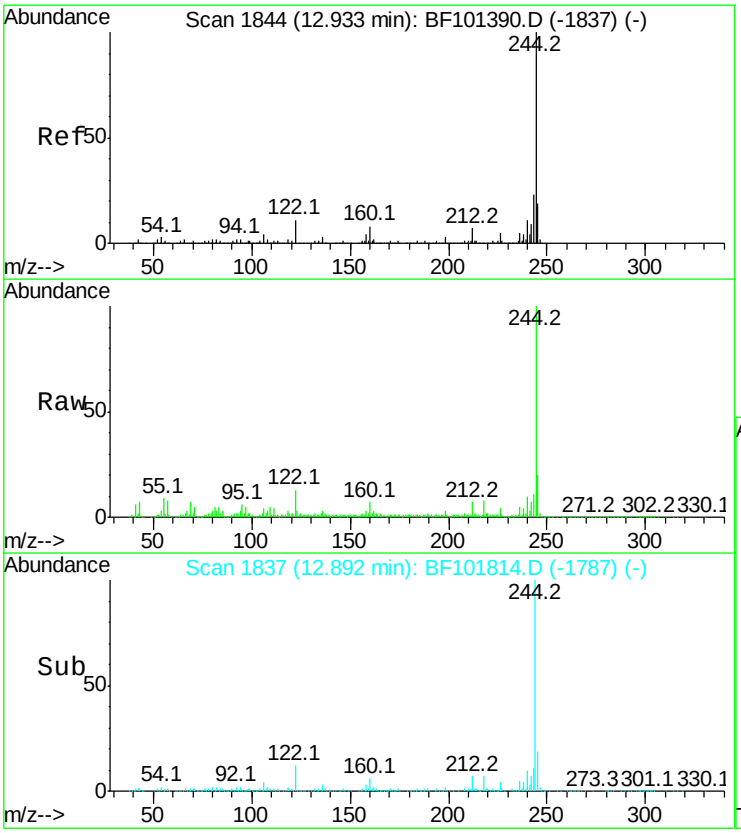
#77
Pyrene
Concen: 45.319 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 832629

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.5	14.3	21.5

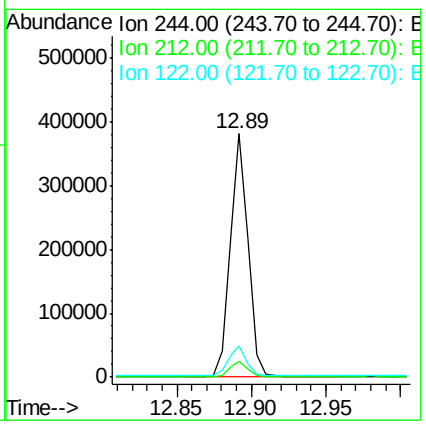


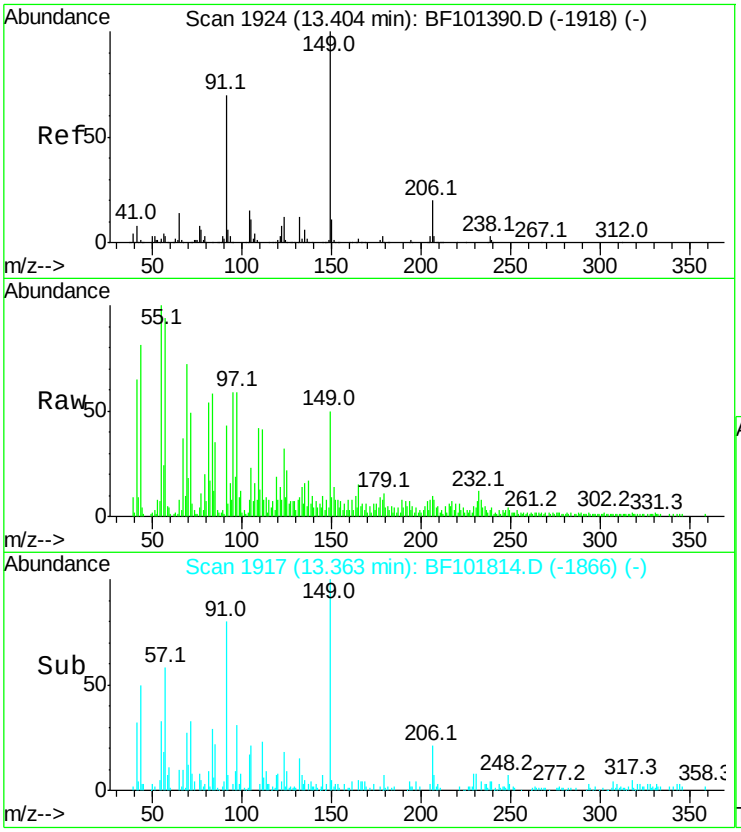


#78
Terphenyl-d14
Concen: 31.735 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:244 Resp: 322261

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.8	11.0	16.4



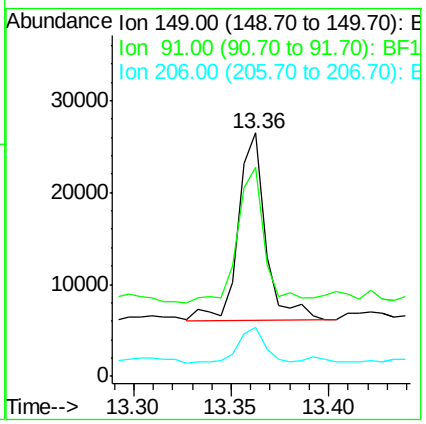


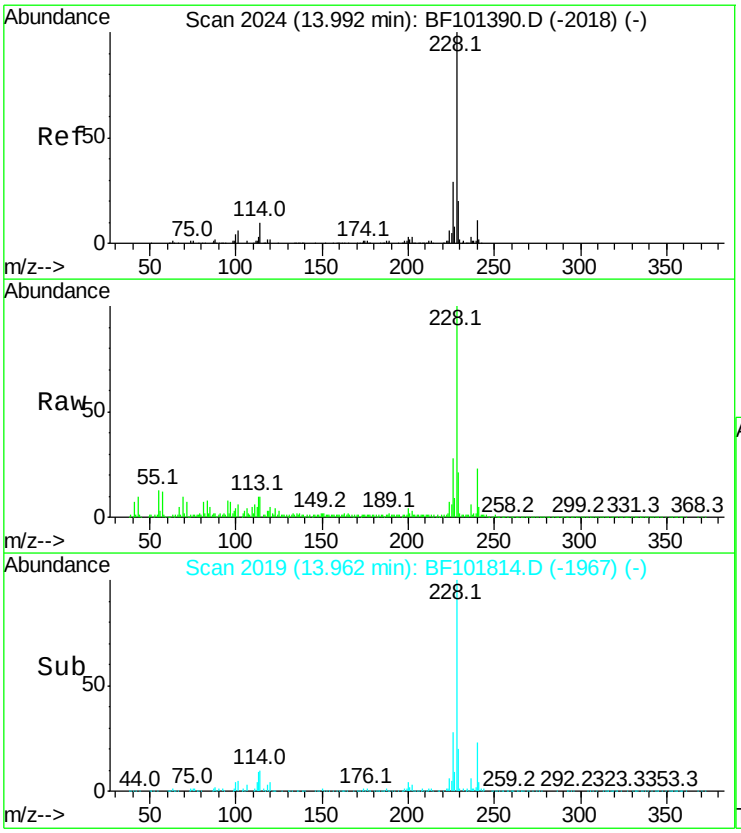
#79
Butylbenzylphthalate
Concen: 2.394 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 19903

Ion	Ratio	Lower	Upper
149	100		
91	85.8	56.8	85.2#
206	20.1	14.1	21.1

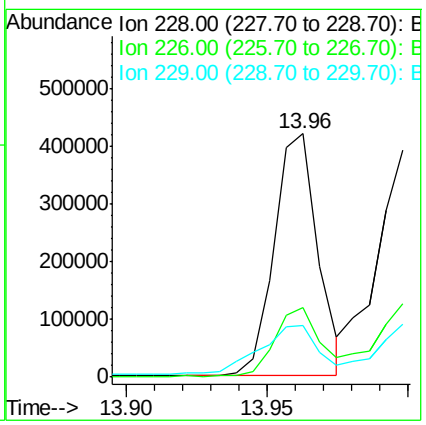


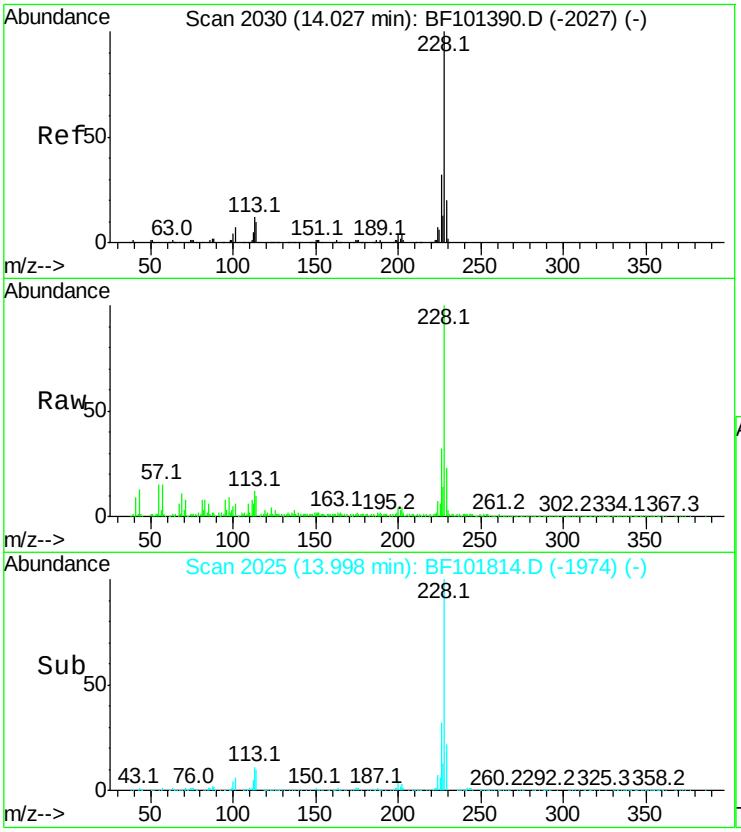


#80
Benzo(a)anthracene
Concen: 27.749 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:228 Resp: 448563

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.0	15.8	23.6



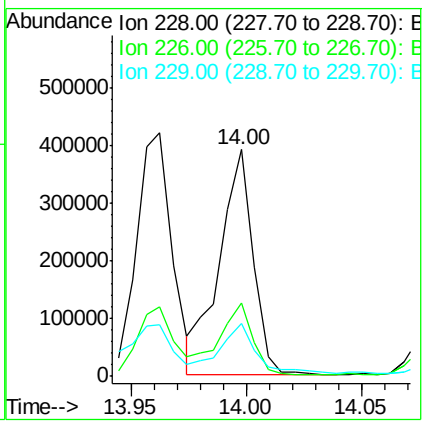


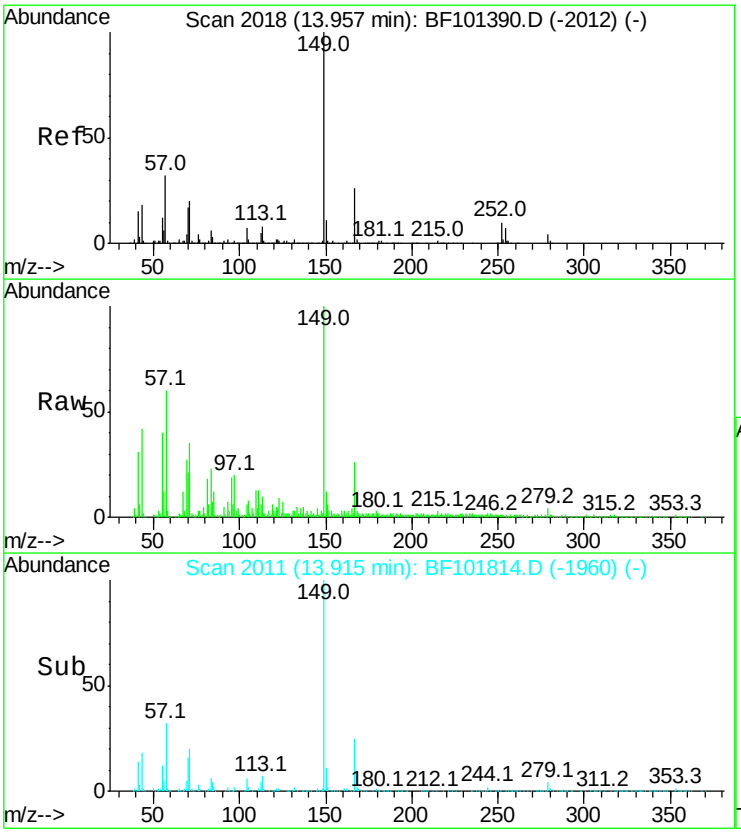
#82
Chrysene
Concen: 26.023 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 397173

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	23.2	16.2	24.4

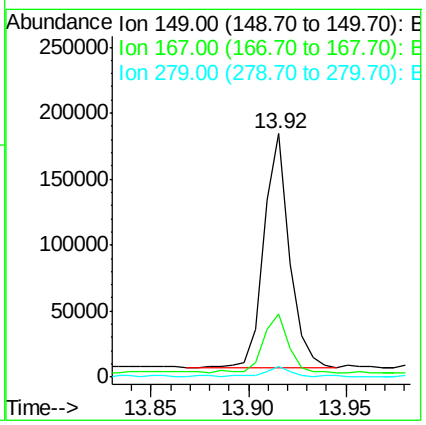


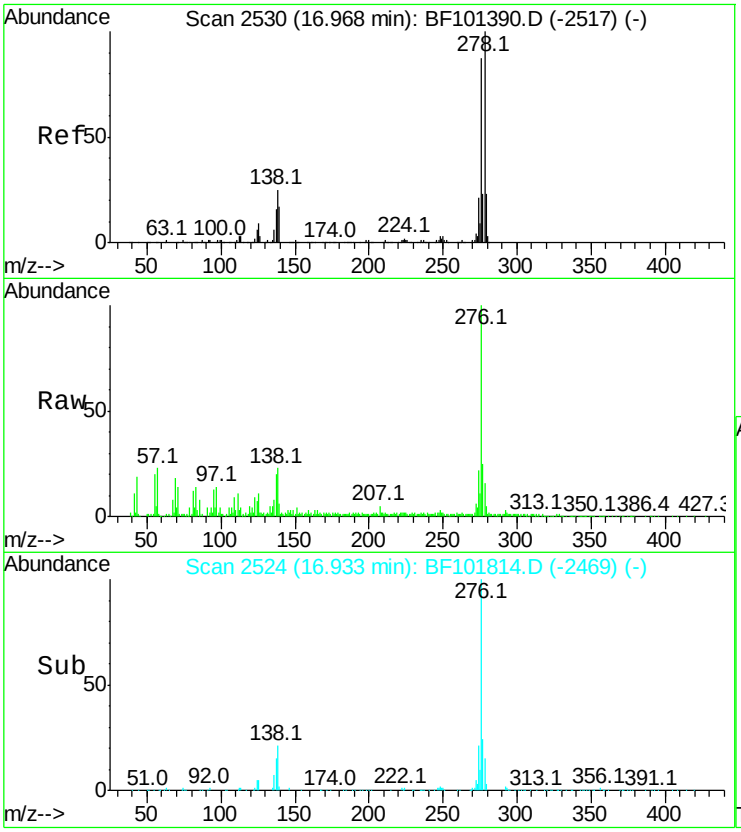


#83
Bis(2-ethylhexyl)phthalate
Concen: 15.332 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:149 Resp: 161436

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	4.1	3.0	4.4



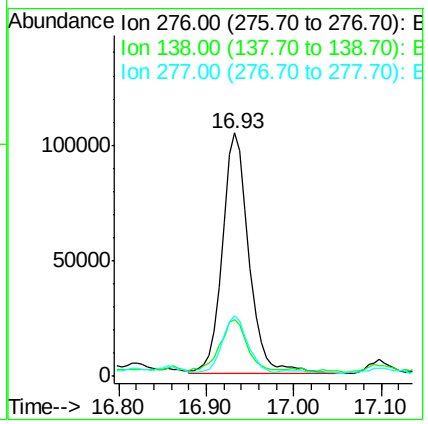


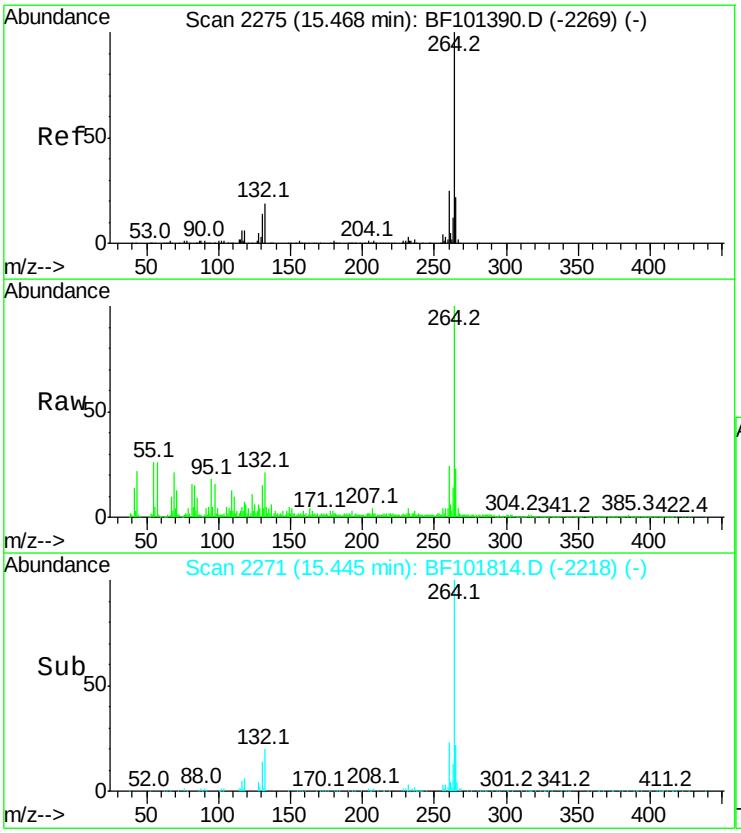
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.065 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.02 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 218347

Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	21.7	20.1	30.1

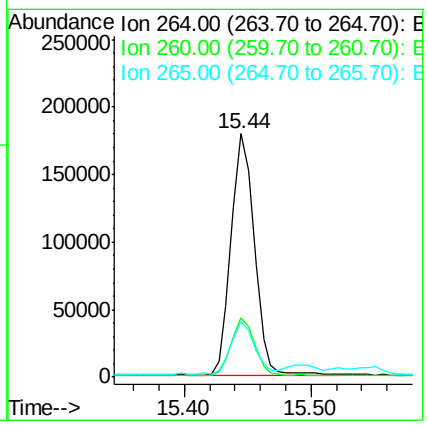


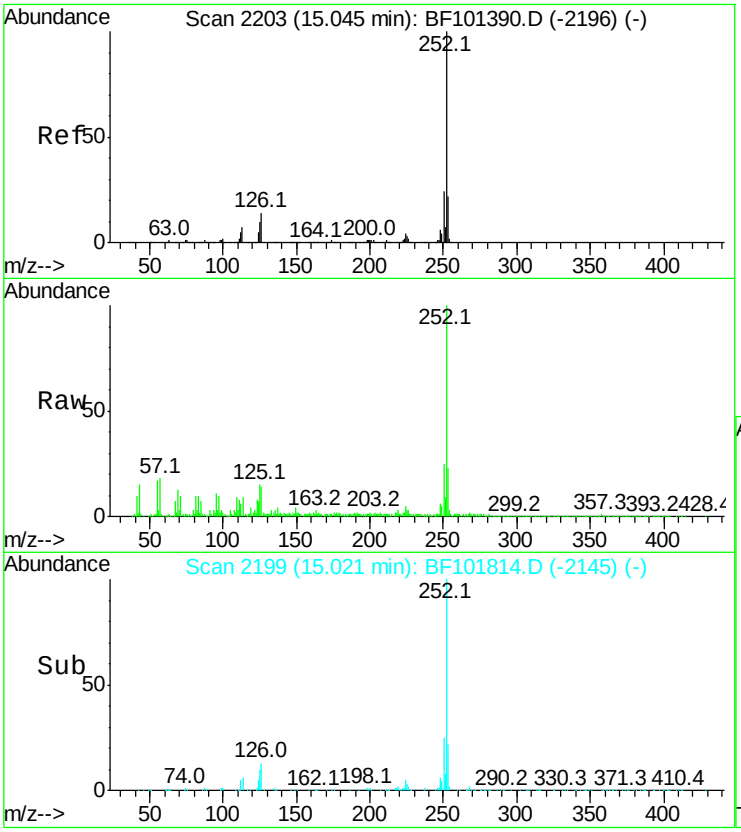


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:264 Resp: 228565

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3



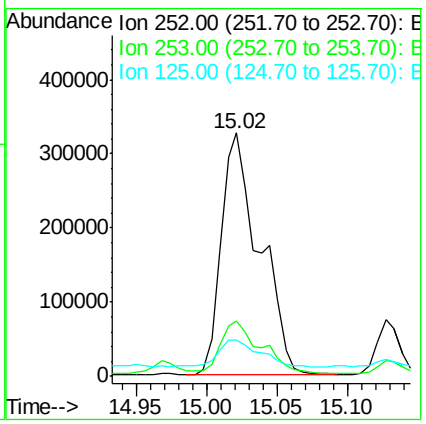


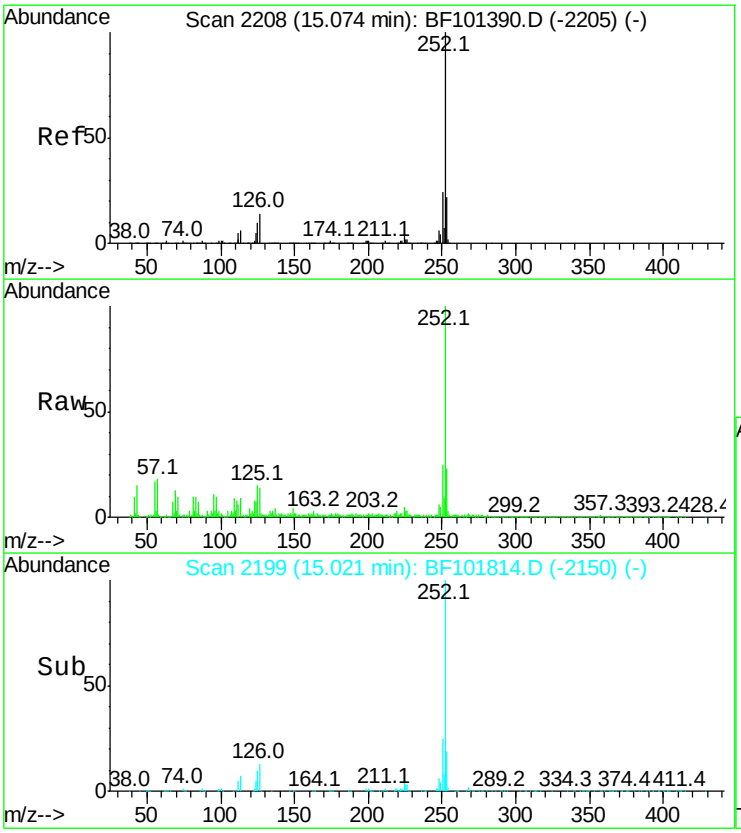
#87
Benzo(b)fluoranthene
Concen: 44.324 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 617501

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	15.1	9.0	13.6#

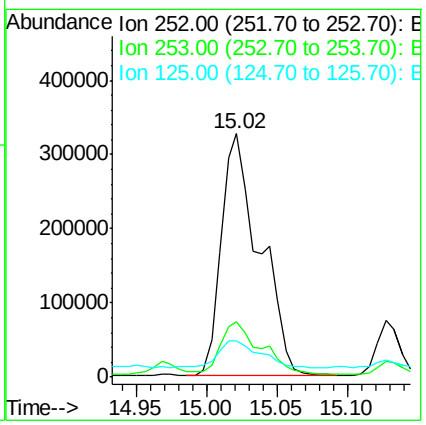


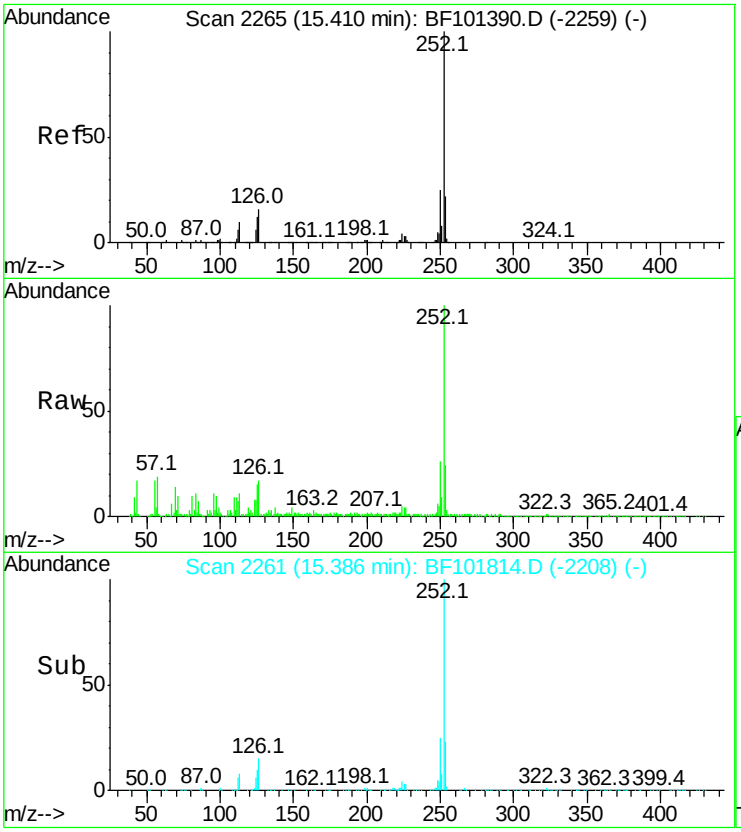


#88
Benzo(k)fluoranthene
Concen: 45.588 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:252 Resp: 617501

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	15.1	10.2	15.2



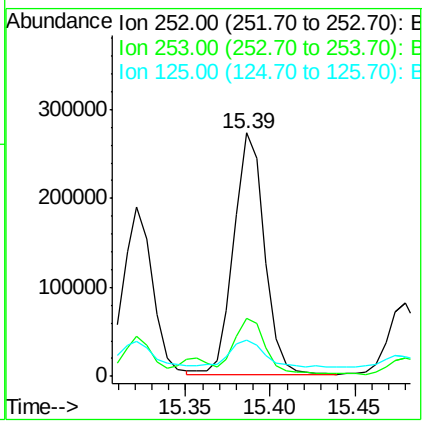


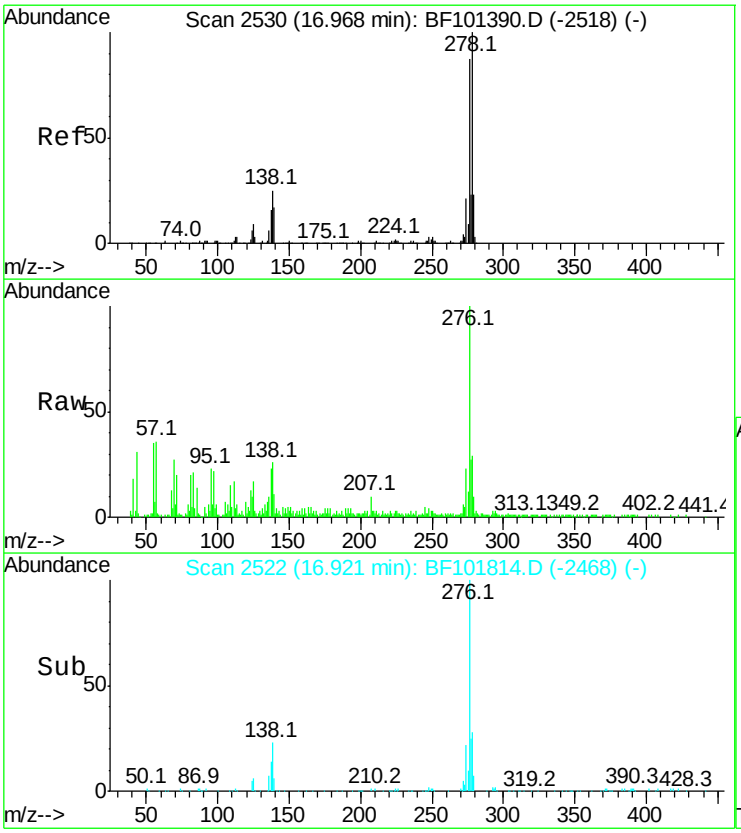
#89
Benzo(a)pyrene
Concen: 26.828 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 344553

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	14.9	9.8	14.6#

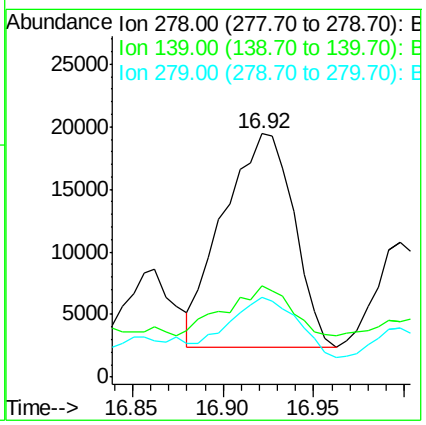


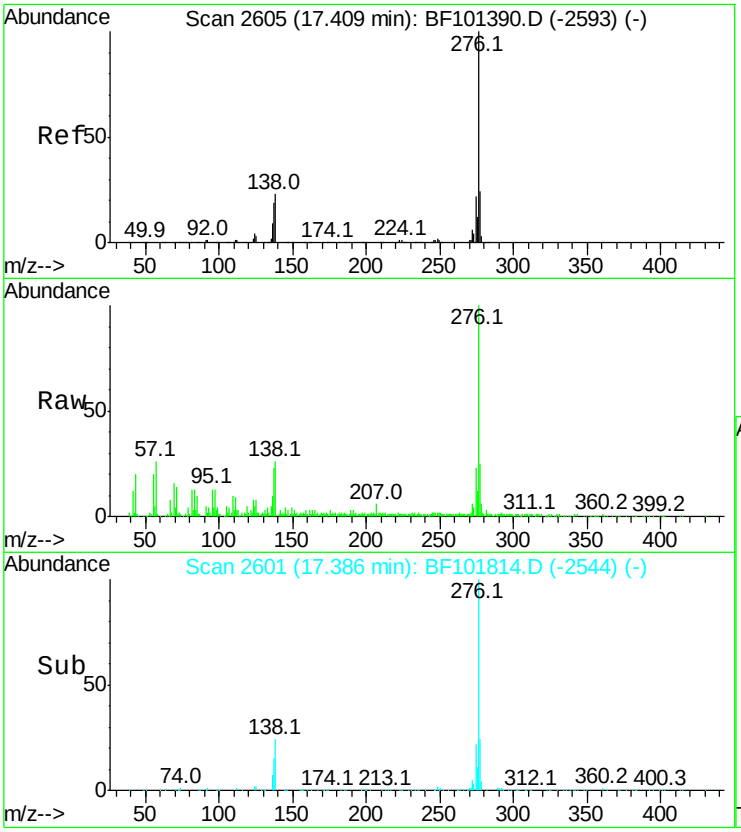


#90
Dibenzo(a,h)anthracene
Concen: 4.190 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Tgt Ion:278 Resp: 46197

Ion	Ratio	Lower	Upper
278	100		
139	37.6	15.9	23.9#
279	32.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 17.949 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.04 min
Lab File: BF101814.D
Acq: 28 Dec 2017 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 195981

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	26.0	21.8	32.8