Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101825.D
Acq On : 29 Dec 2017 13:27
Operator : SJ/JU
Sample : I7078-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 29 15:08:00 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	6.78	152	164138	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	634809	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	270576	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	440826	20.00	ng	0.00
75) Chrysene-d12	13.97	240	302559	20.00	ng	0.00
86) Perylene-d12	15.44	264	302864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	867421	78.72	ng	0.00
7) Phenol-d6	6.43	99	1139206	83.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	764671	67.05	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	184846	70.90	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1158292	66.41	ng	0.00
78) Terphenyl-d14	12.89	244	841624	67.06	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	42836	2.741	ng	# 64
19) n-Nitroso-di-n-propylamine	7.36	70	104361	11.588	ng	# 81
25) Isophorone	7.36	82	764671	33.425	ng	# 64
32) Benzoic acid	7.92	122	438	8.020	ng	# 32
49) Dimethylphthalate	9.53	163	146648	6.738	ng	99
56) 2,4-Dinitrotoluene	9.82	165	35702	7.164	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	11878	2.398	ng	# 1
70) Phenanthrene	11.34	178	116642	4.758	ng	97
71) Anthracene	11.39	178	66192	2.643	ng	97
74) Fluoranthene	12.53	202	256426	9.965	ng	98
77) Pyrene	12.76	202	252312	11.112	ng	99
80) Benzo(a)anthracene	13.96	228	135699	6.792	ng	97
82) Chrysene	13.99	228	130977	6.943	ng	98
85) Indeno(1,2,3-cd)pyrene	16.93	276	84430	5.026	ng	93
87) Benzo(b)fluoranthene	15.02	252	260107	14.090	ng	97
88) Benzo(k)fluoranthene	15.02	252	260107	14.492	ng	99
89) Benzo(a)pyrene	15.38	252	119926	7.047	ng	95
91) Benzo(g,h,i)perylene	17.39	276	77280	5.341	ng	97

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

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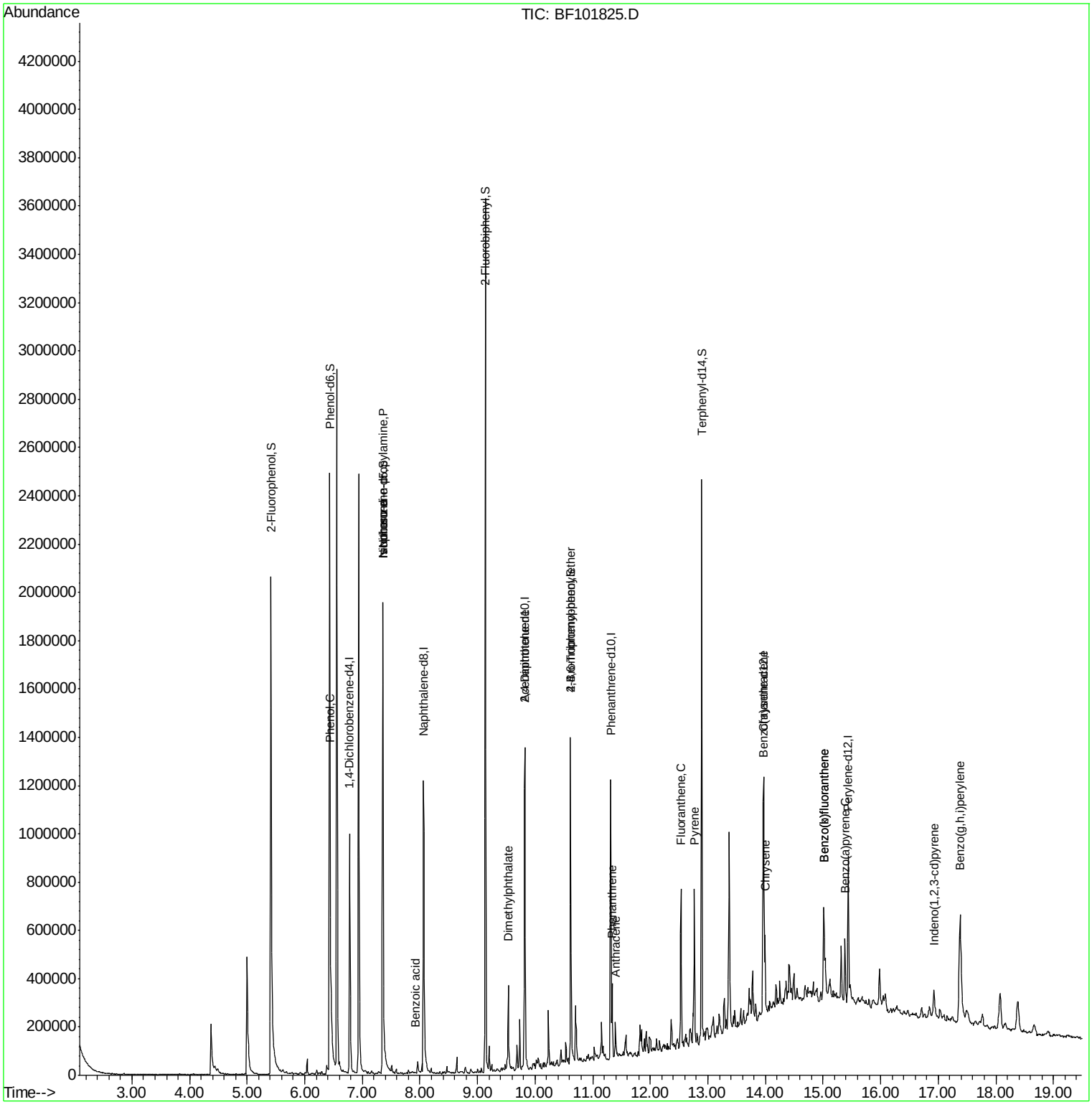
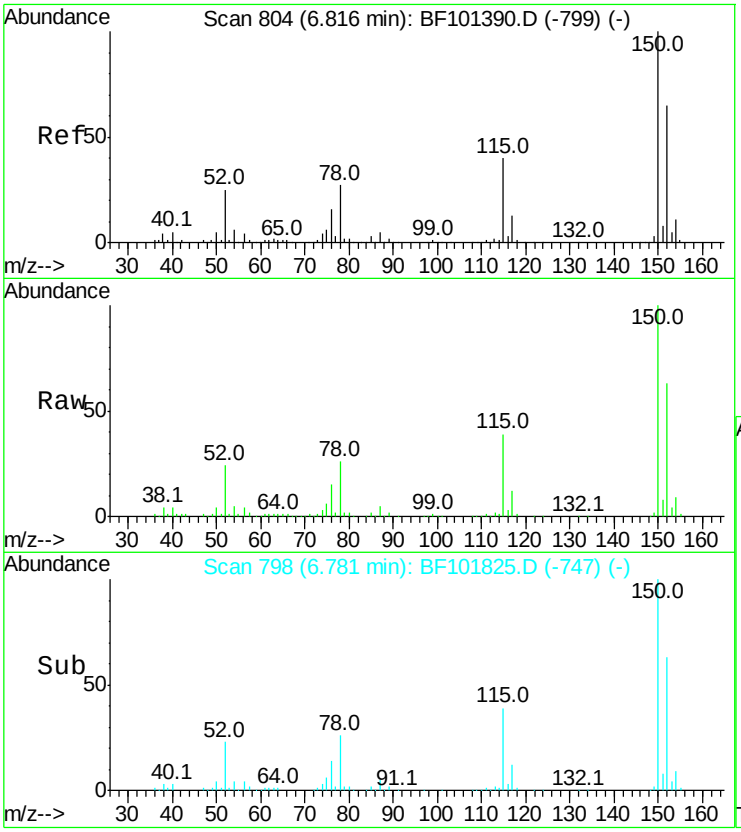


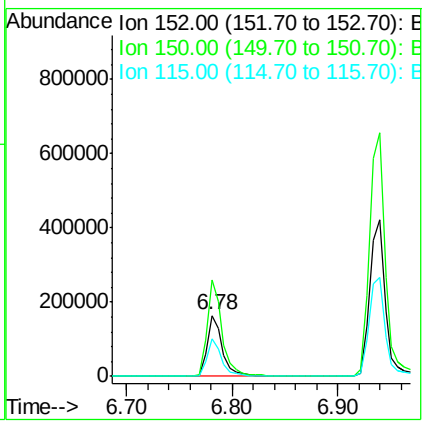


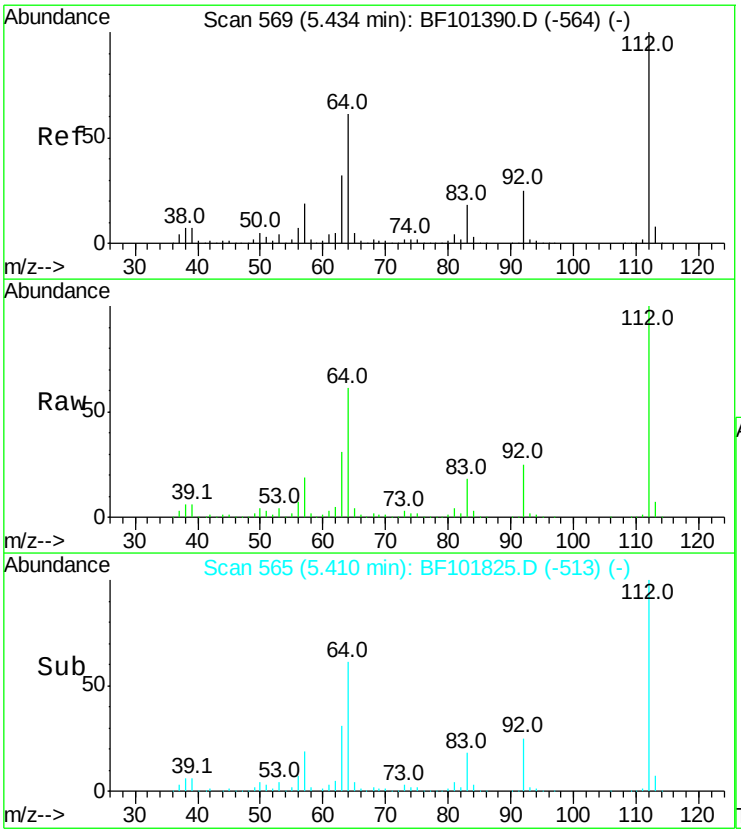
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 164138

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	61.7	50.1	75.1

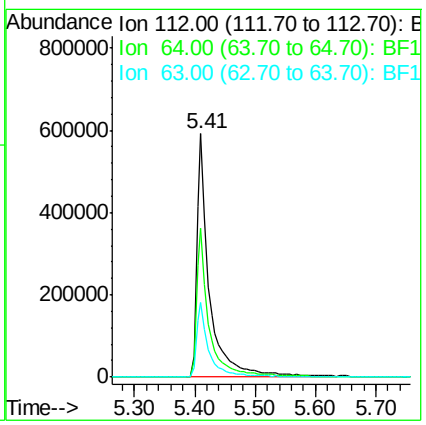


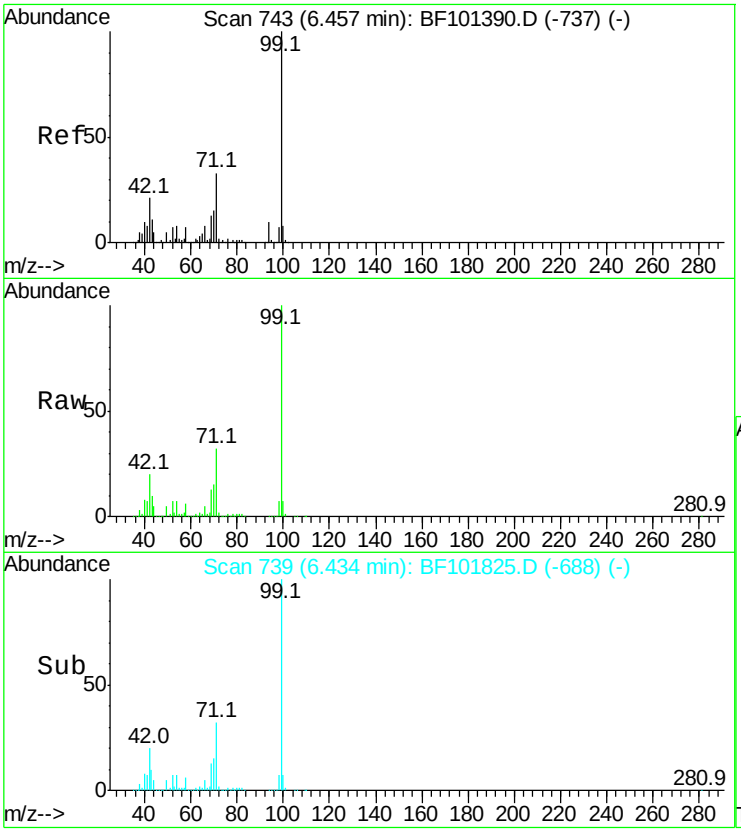


#5
2-Fluorophenol
Concen: 78.720 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:112 Resp: 867421

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	30.9	23.7	35.5



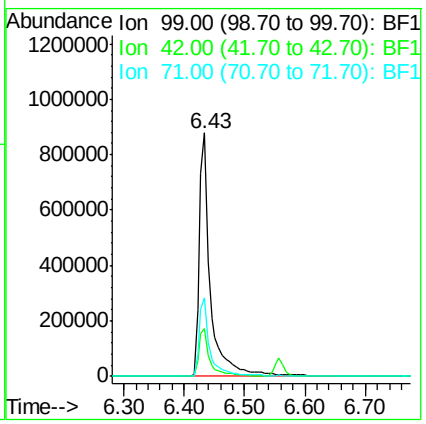


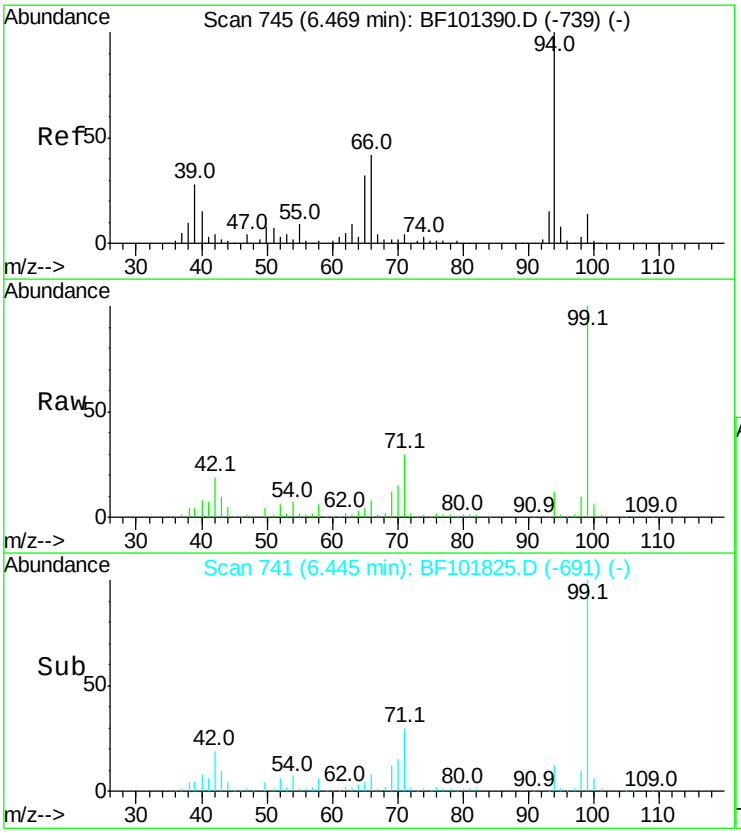
#7
Phenol-d6
Concen: 83.071 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1139206

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.1	25.4	38.0

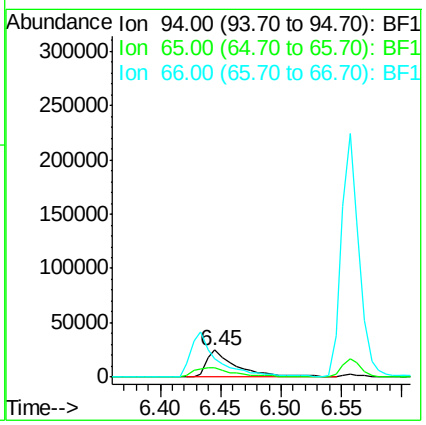


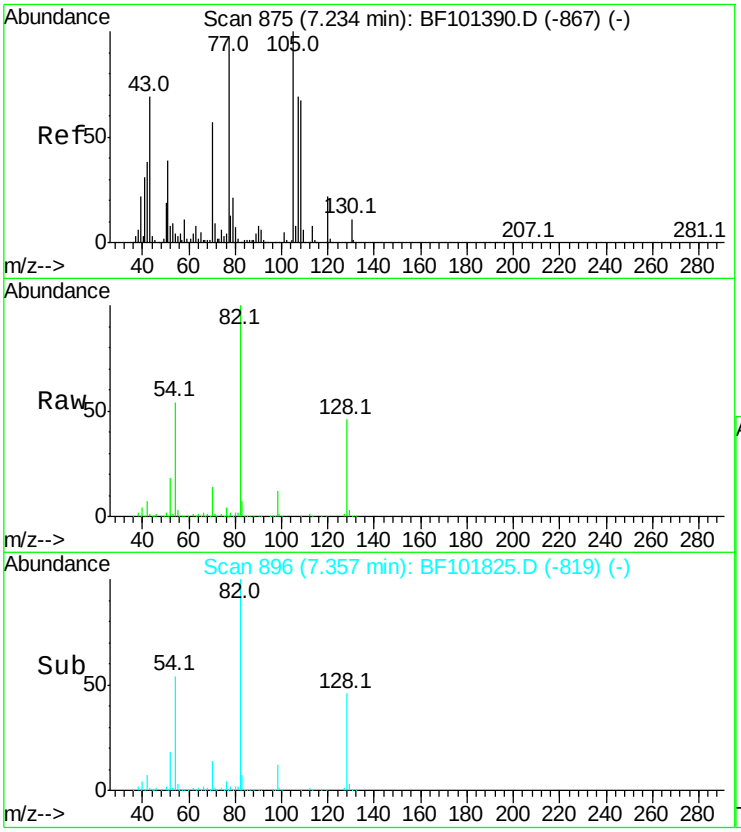


#10
Phenol
Concen: 2.741 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion: 94 Resp: 42836

Ion	Ratio	Lower	Upper
94	100		
65	34.7	7.9	47.9
66	68.1	16.2	56.2#



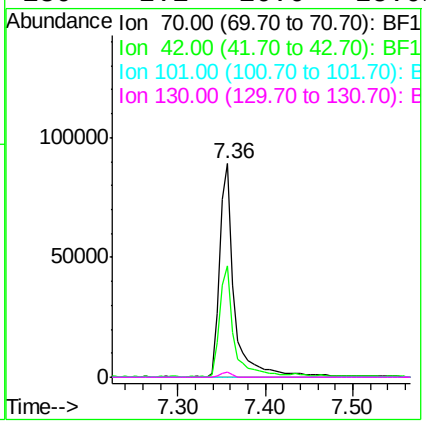


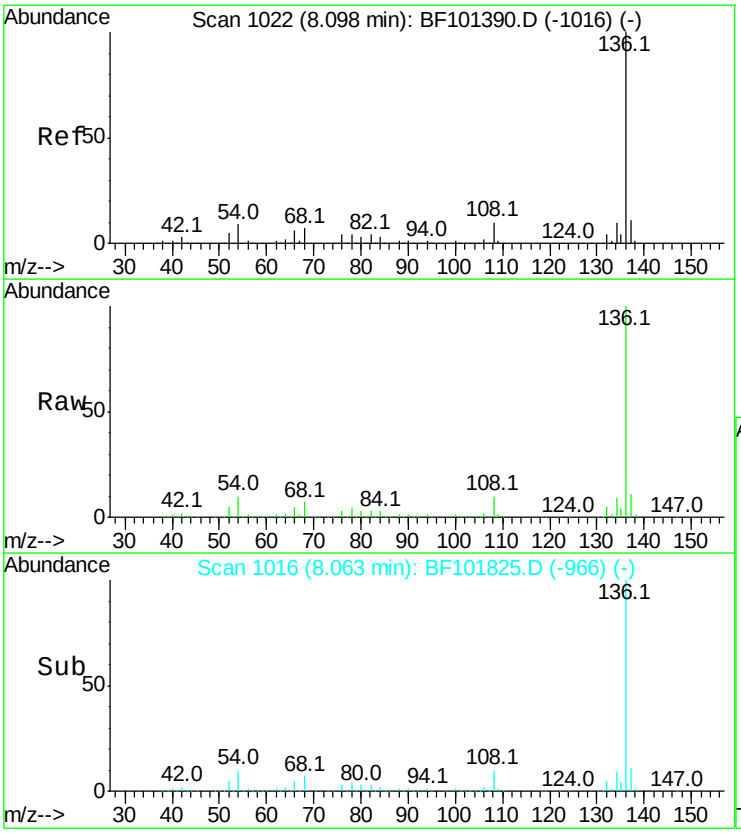
#19
n-Nitroso-di-n-propylamine
Concen: 11.588 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 104361

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

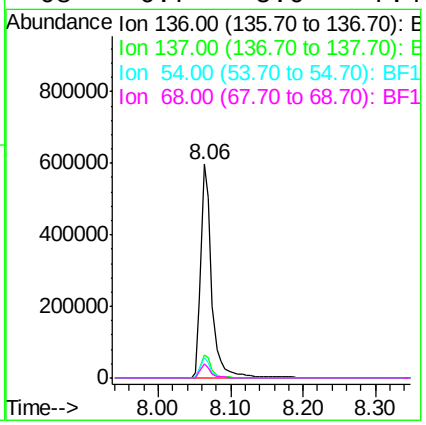


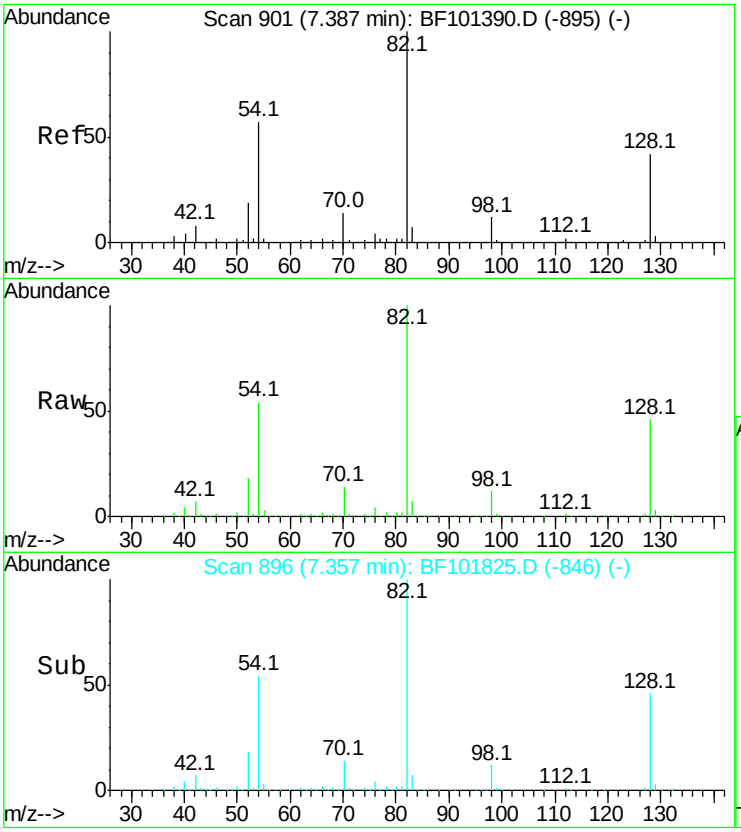


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:136 Resp: 634809

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	6.7	5.0	7.4



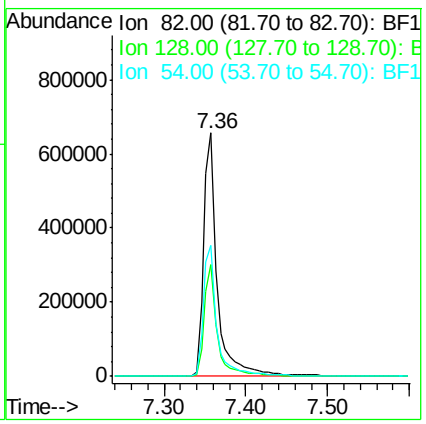


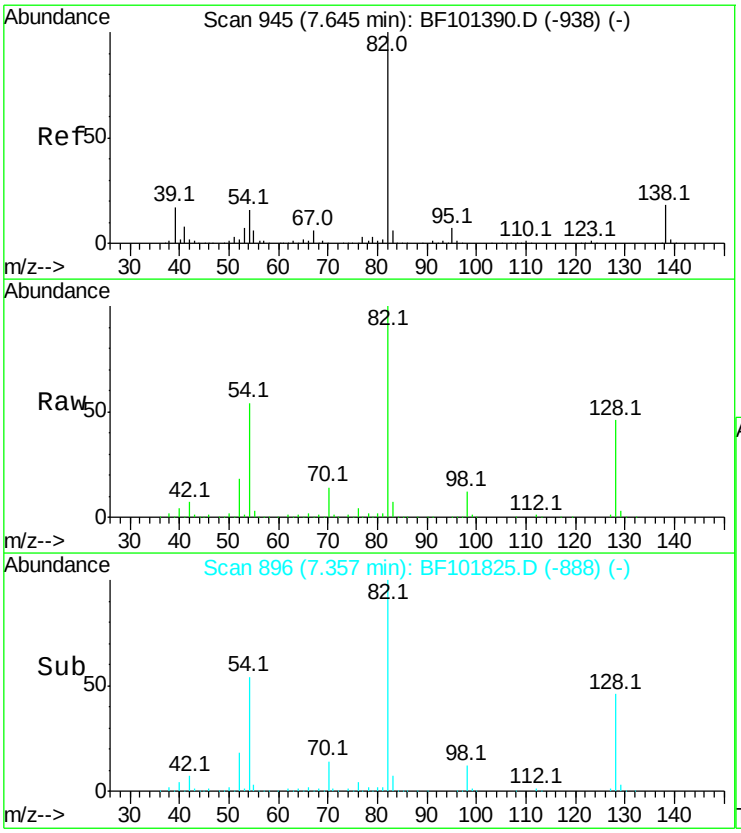
#23
Nitrobenzene-d5
Concen: 67.053 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 764671

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	54.0	41.4	62.2

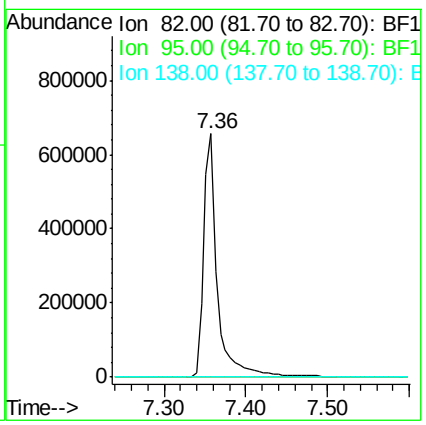


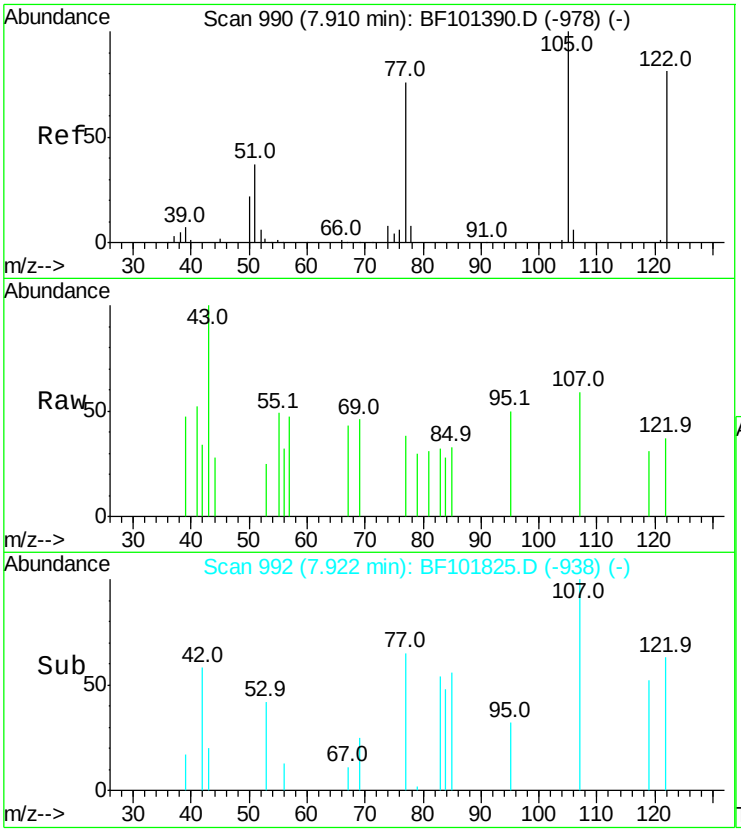


#25
Isophorone
Concen: 33.425 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.25 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion: 82 Resp: 764671

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



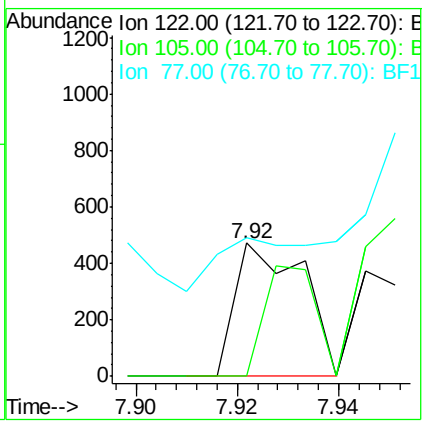


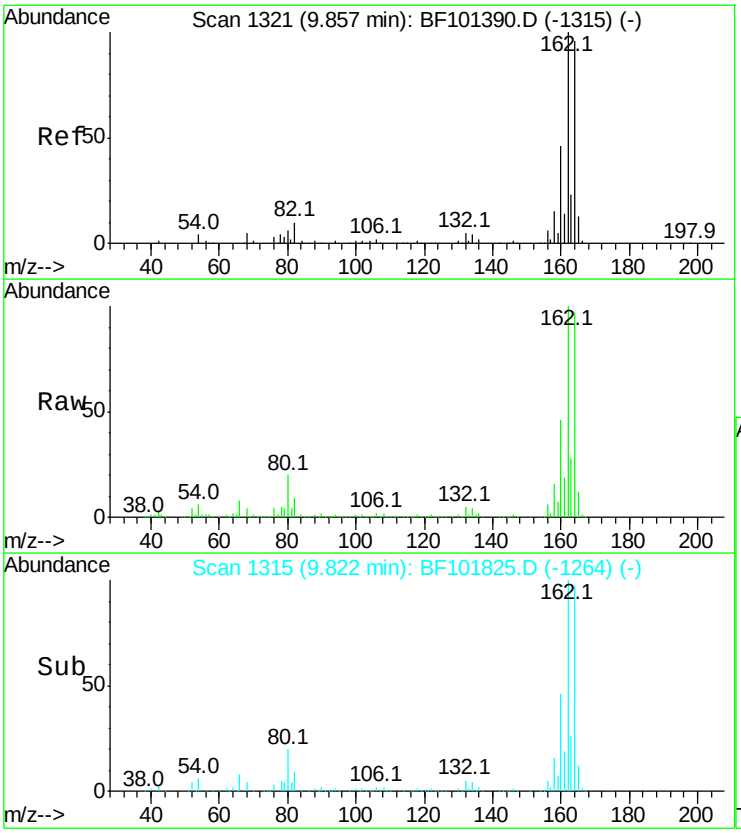
#32
Benzoic acid
Concen: 8.020 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.02 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 438

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	103.6	70.7	110.7

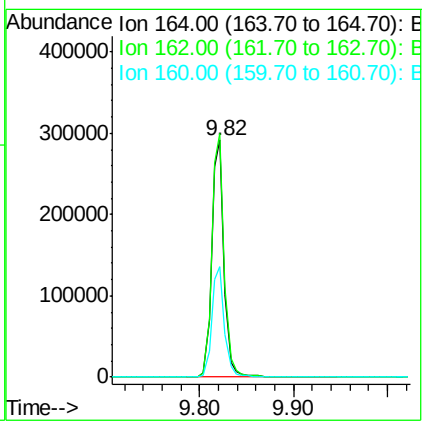


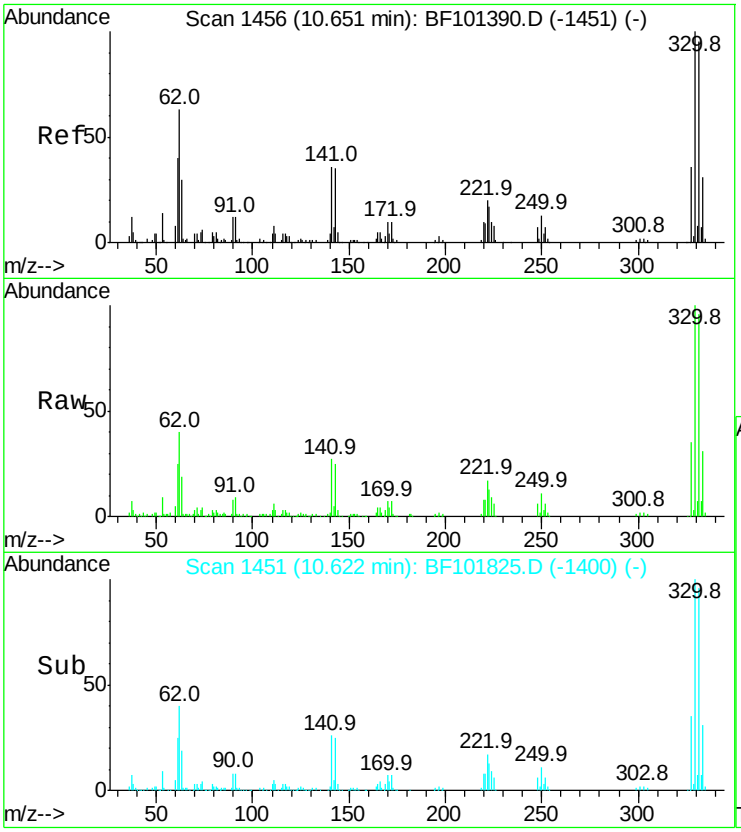


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:164 Resp: 270576

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.9	38.3	57.5



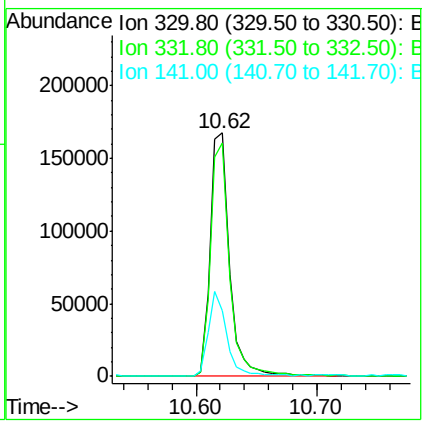


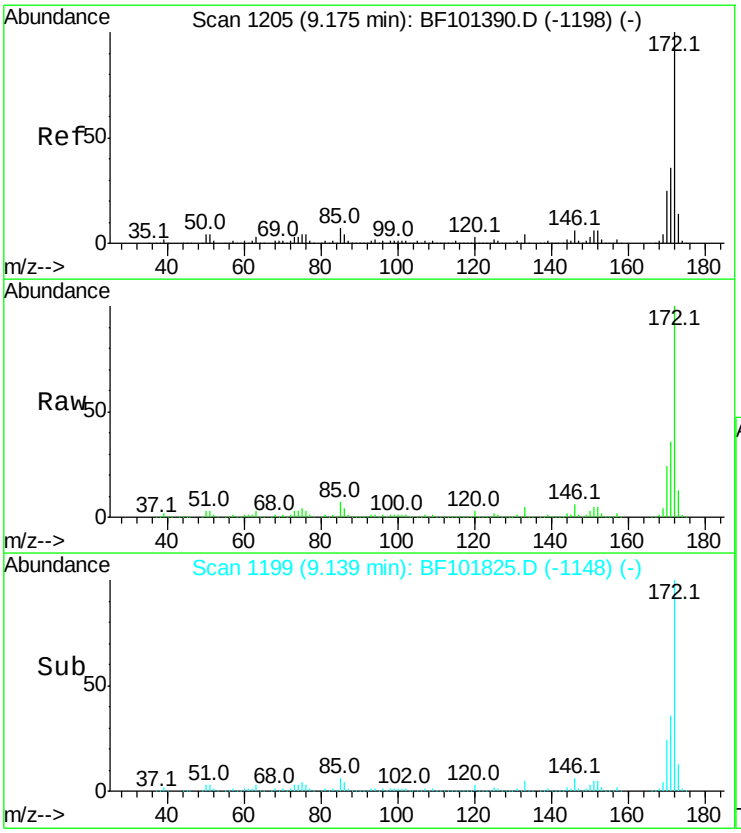
#41
2,4,6-Tribromophenol
Concen: 70.898 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 184846

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	34.3	29.9	44.9

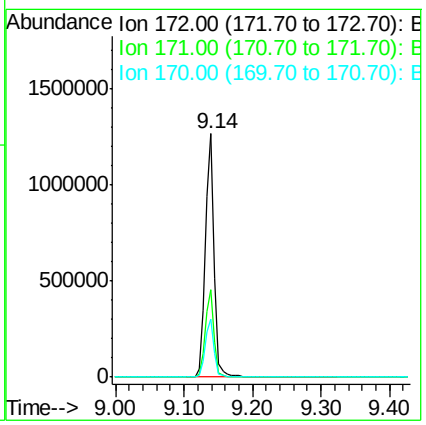


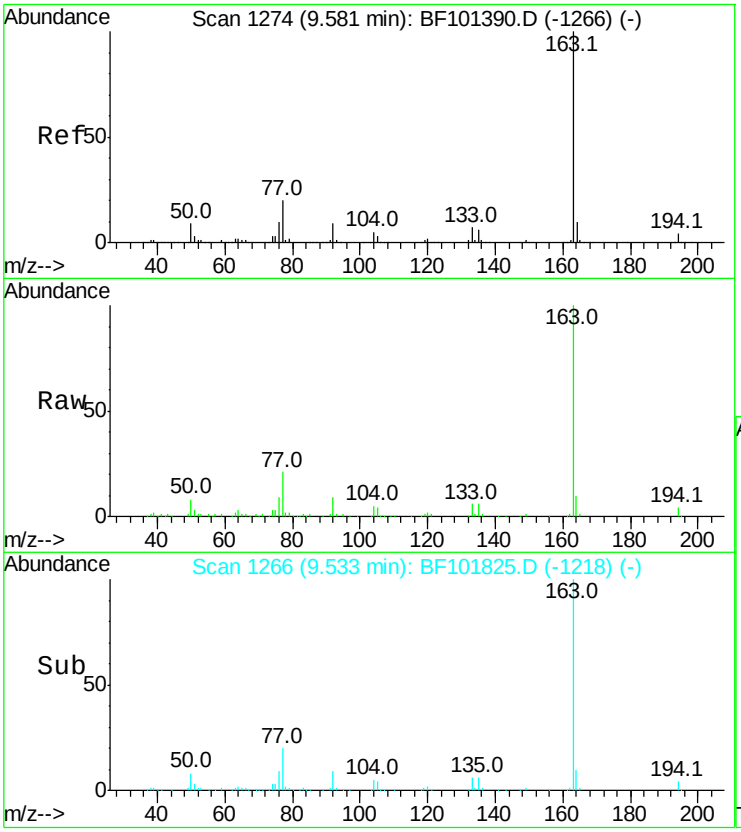


#44
2-Fluorobiphenyl
Concen: 66.406 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:172 Resp: 1158292

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4



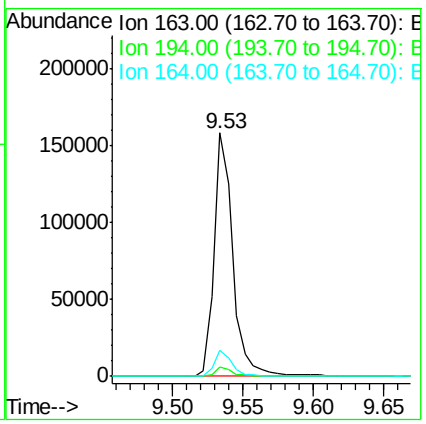


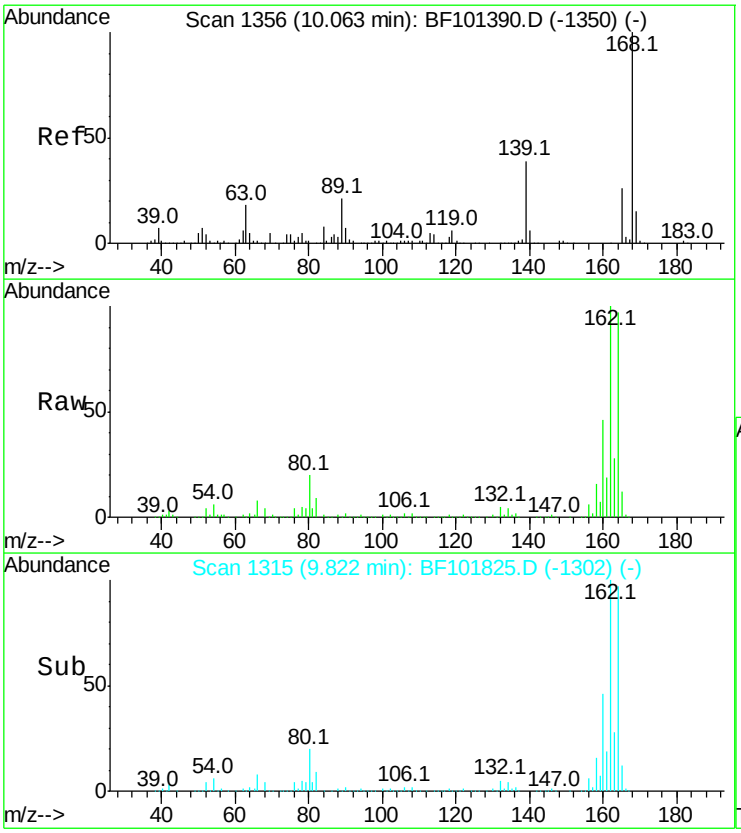
#49
Dimethylphthalate
Concen: 6.738 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 146648

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2

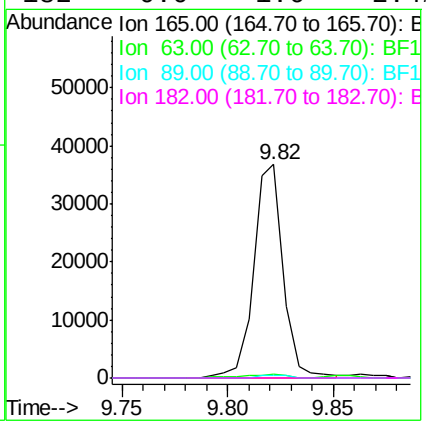


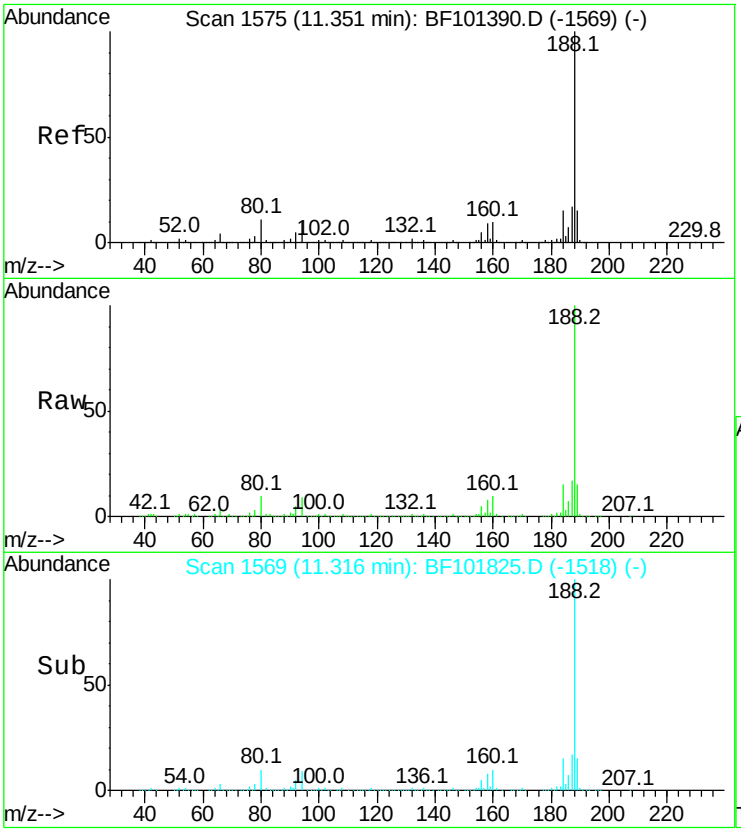


#56
2,4-Dinitrotoluene
Concen: 7.164 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:165 Resp: 35702

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



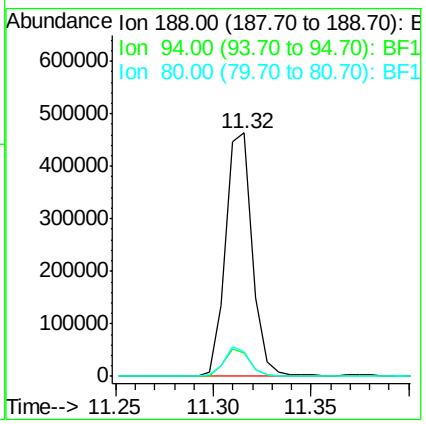


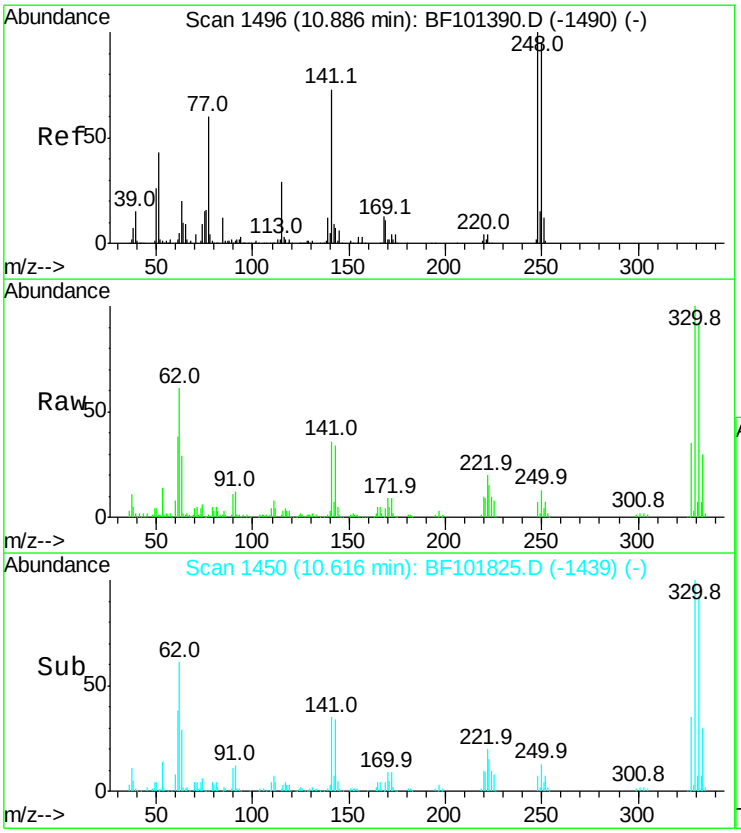
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 440826

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8

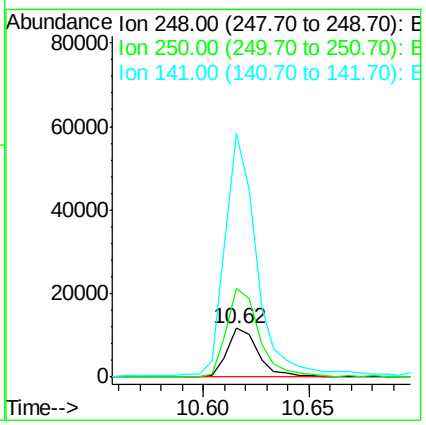


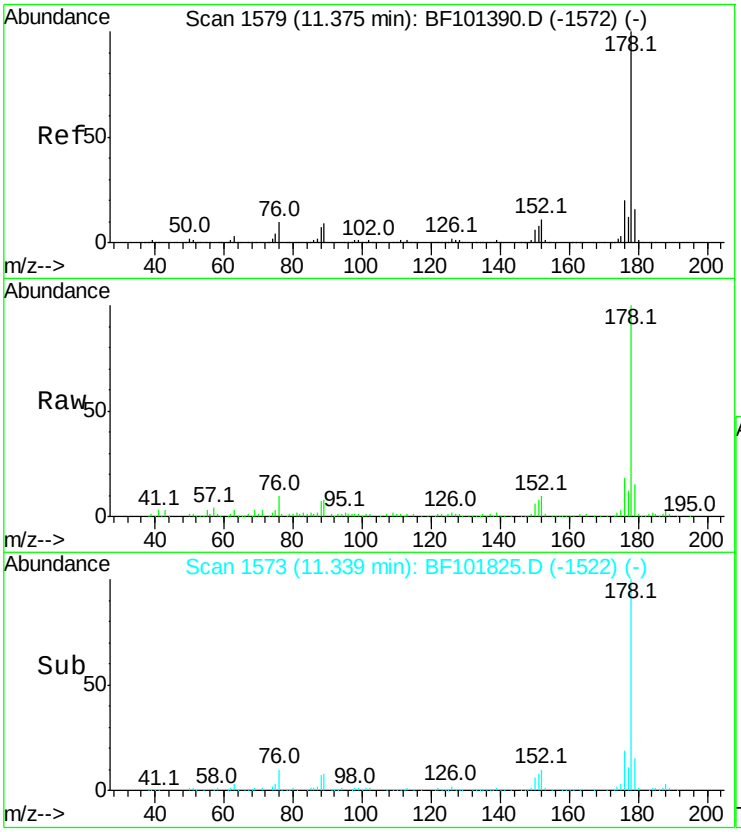


#66
4-Bromophenyl-phenylether
Concen: 2.398 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:248 Resp: 11878

Ion	Ratio	Lower	Upper
248	100		
250	184.0	76.9	115.3#
141	502.4	74.4	111.6#



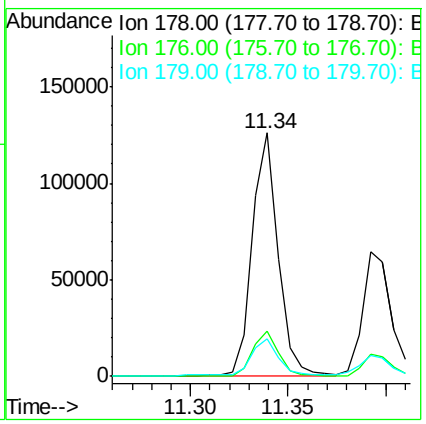


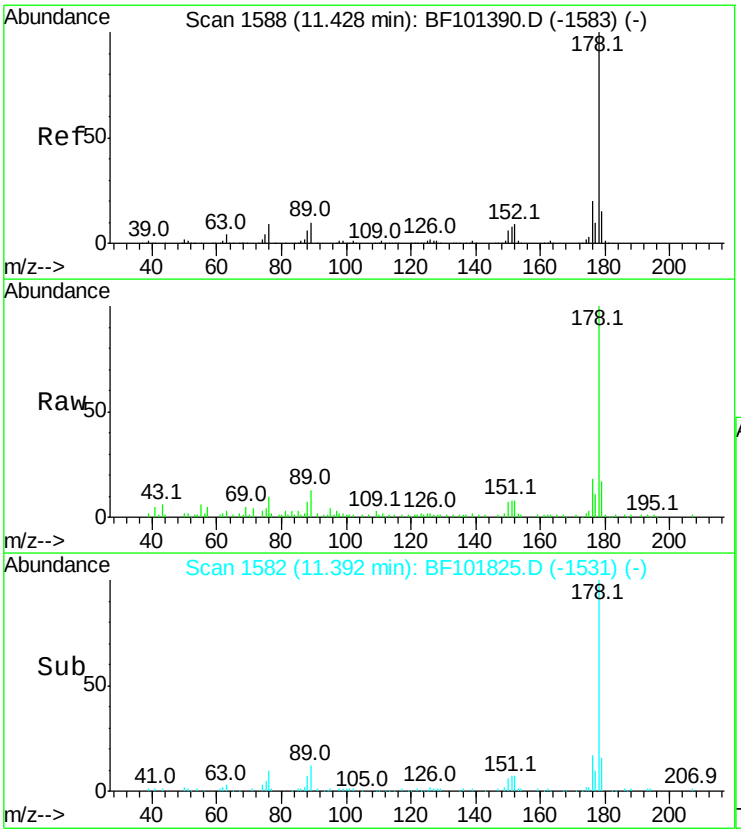
#70
Phenanthrene
Concen: 4.758 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 116642

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.3	13.0	19.6

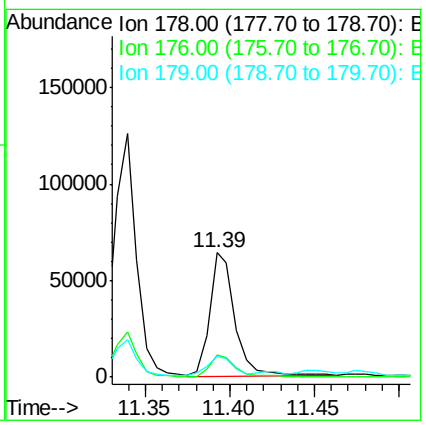


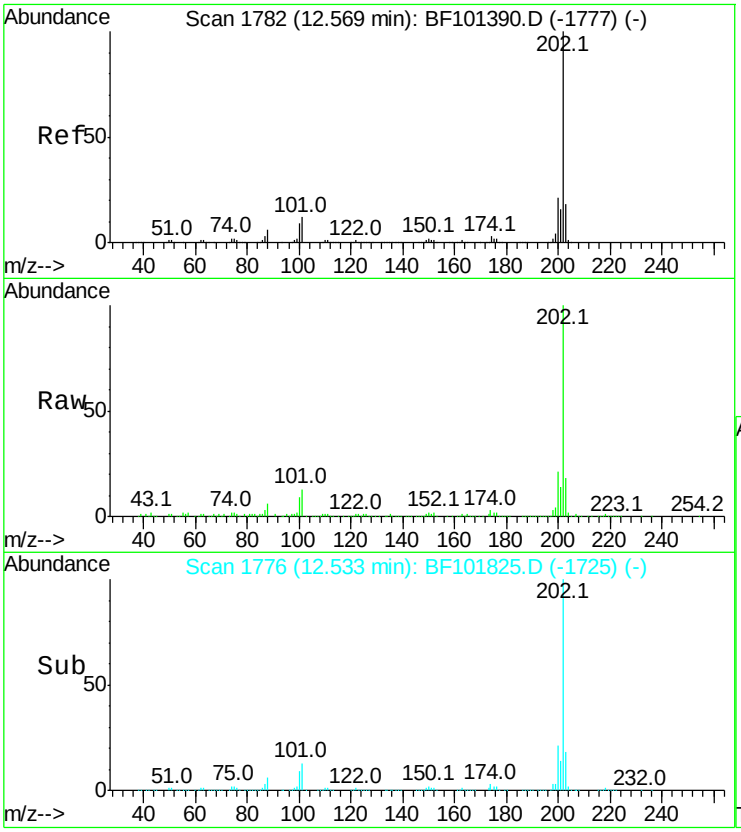


#71
Anthracene
Concen: 2.643 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:178 Resp: 66192

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	17.3	12.6	19.0



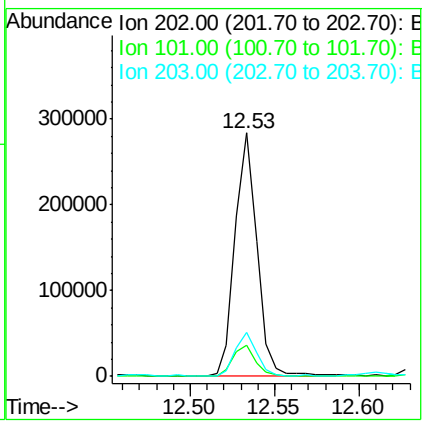


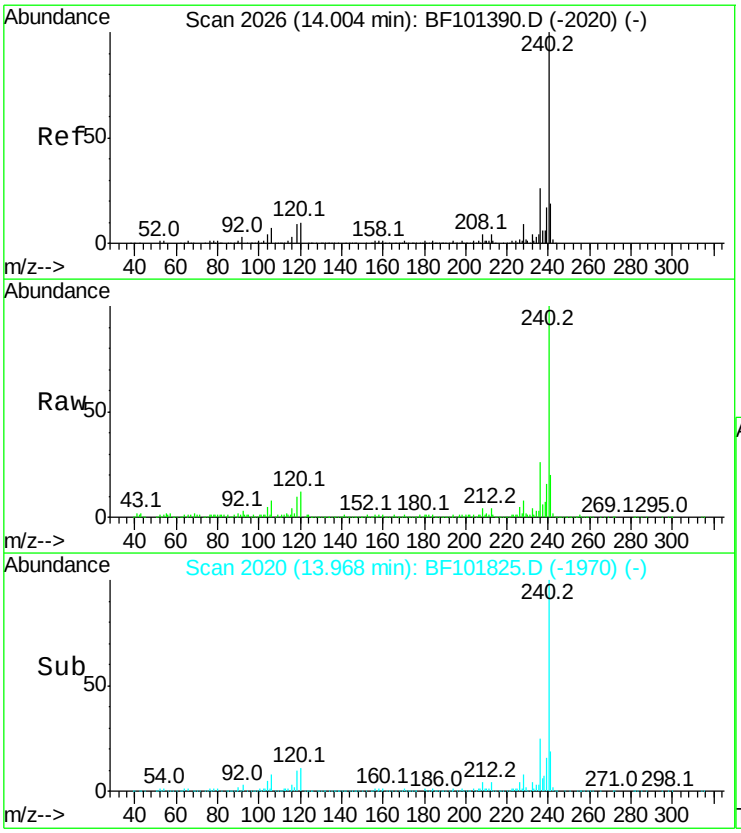
#74
Fluoranthene
Concen: 9.965 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 256426

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	18.0	0.0	38.1

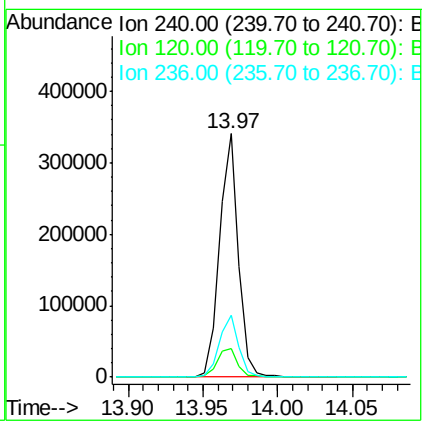


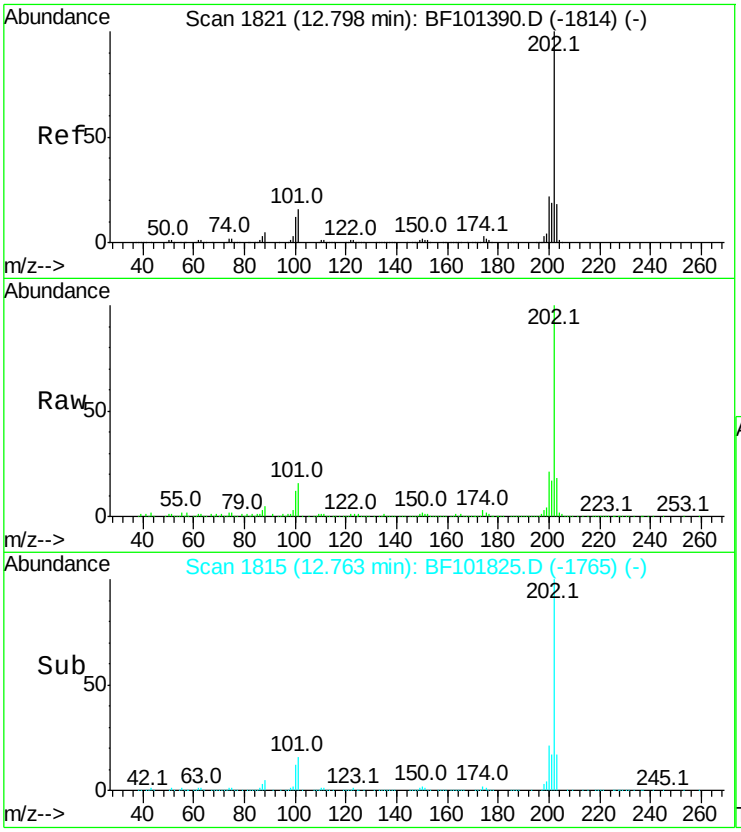


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:240 Resp: 302559

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.5	20.7	31.1



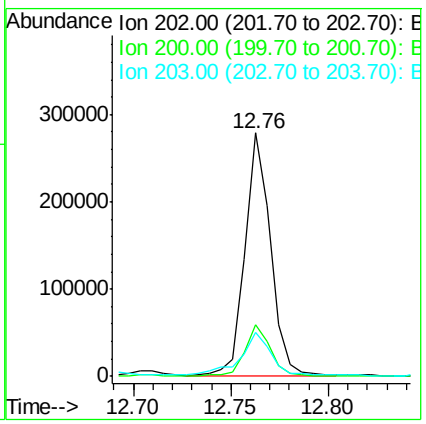


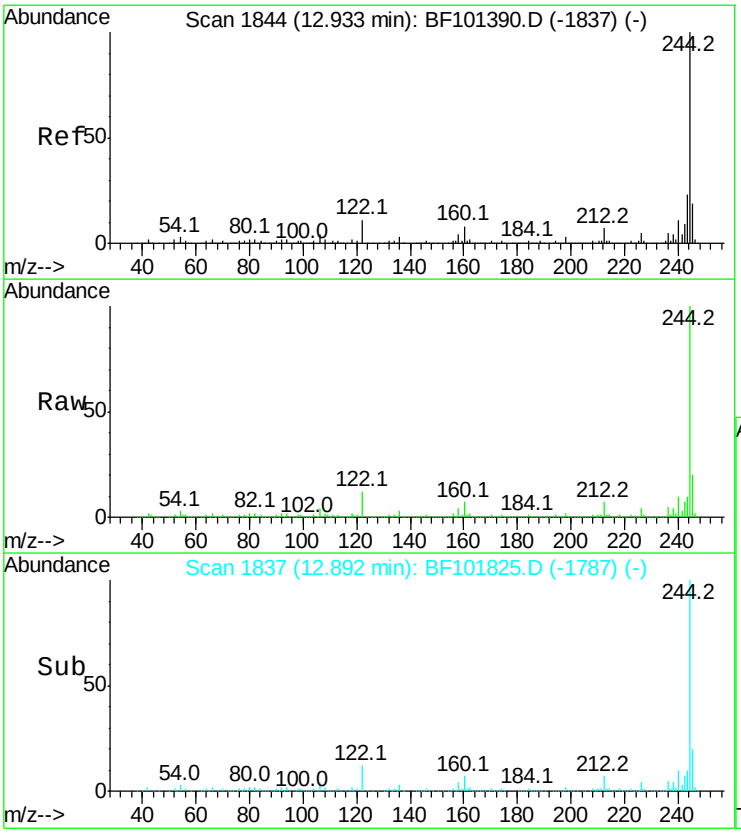
#77
Pyrene
Concen: 11.112 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 252312

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.9	14.3	21.5

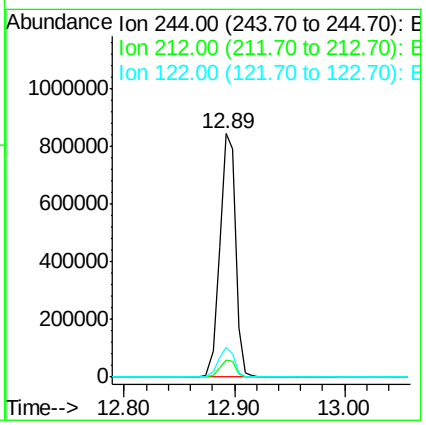


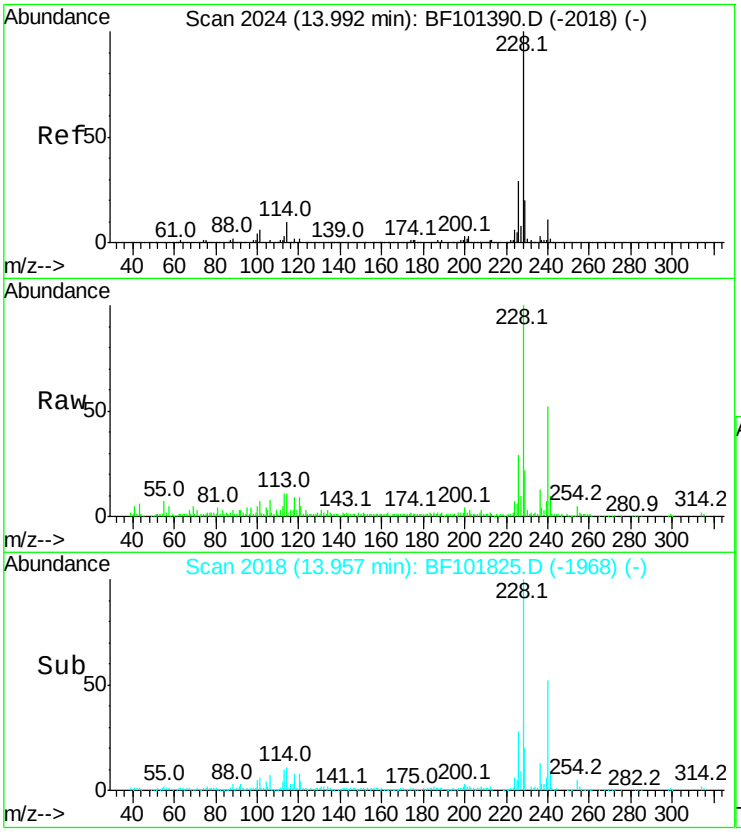


#78
Terphenyl-d14
Concen: 67.060 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:244 Resp: 841624

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4



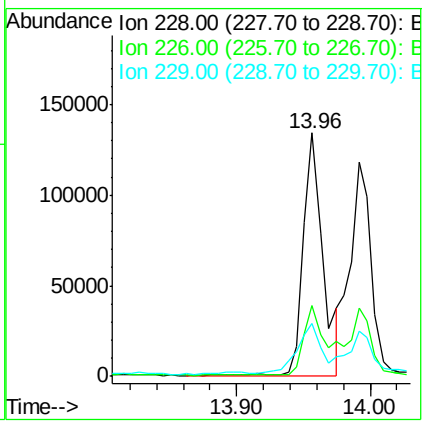


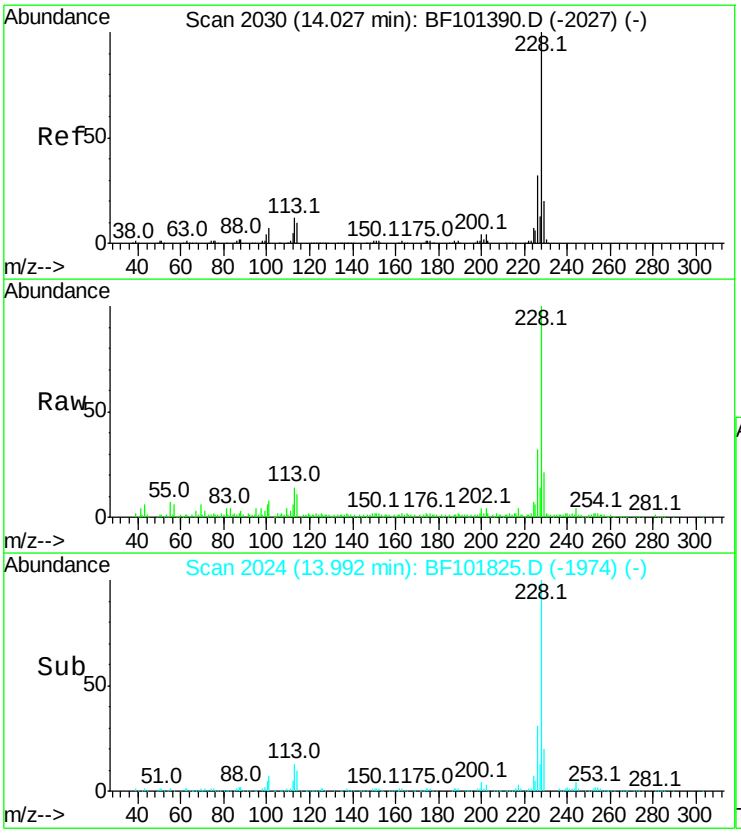
#80
Benzo(a)anthracene
Concen: 6.792 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 135699

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.7	15.8	23.6

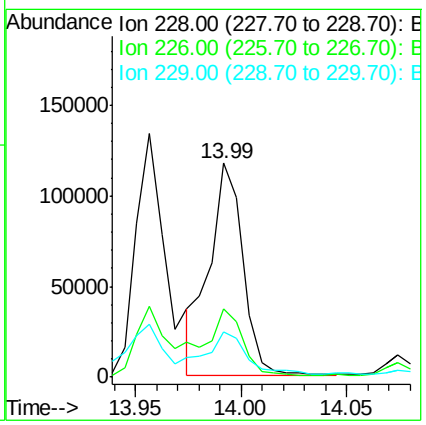


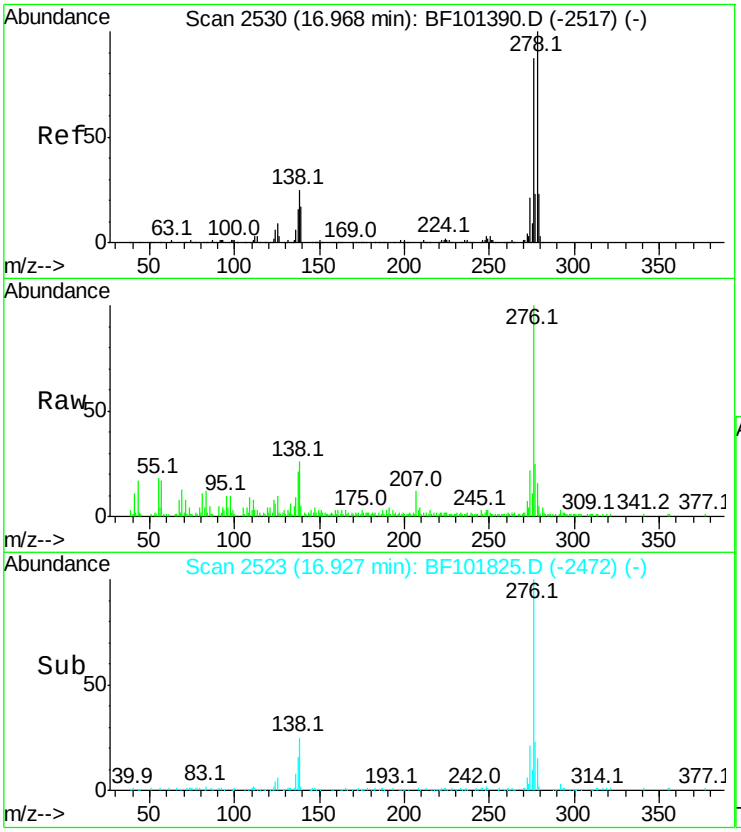


#82
Chrysene
Concen: 6.943 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:228 Resp: 130977

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	21.3	16.2	24.4



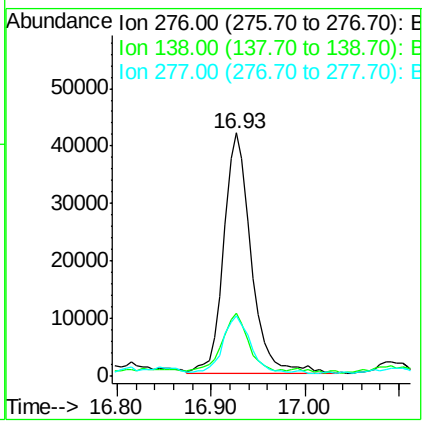


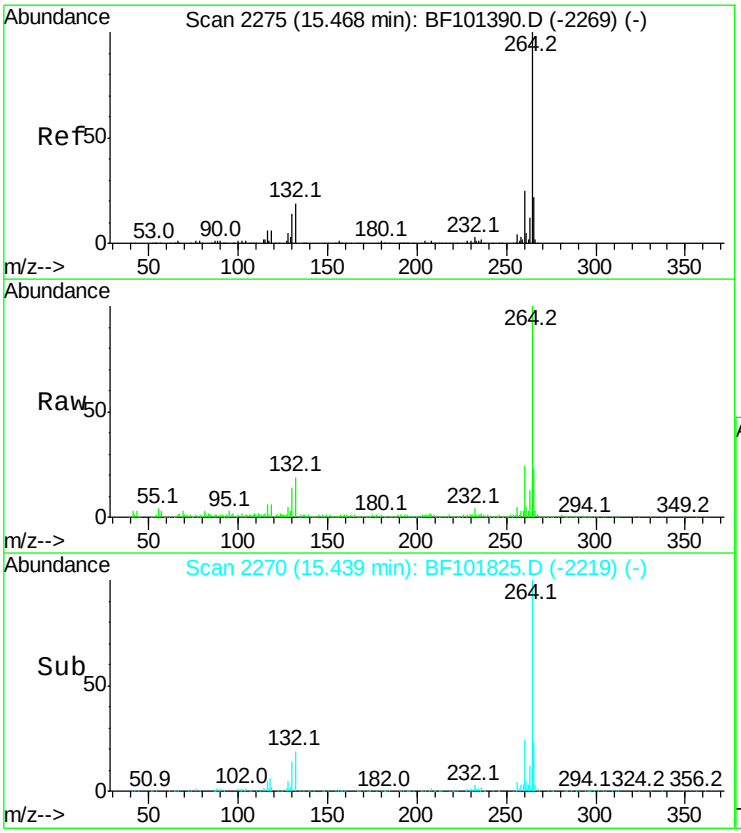
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.026 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 84430

Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.0	37.6
277	23.5	20.1	30.1

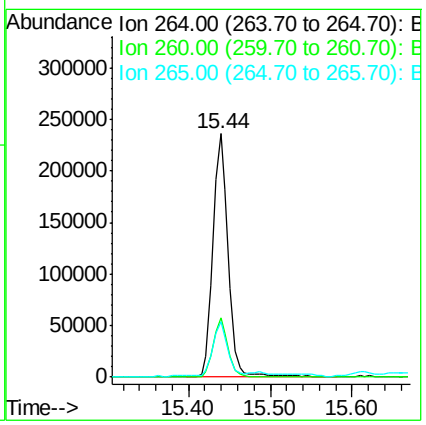


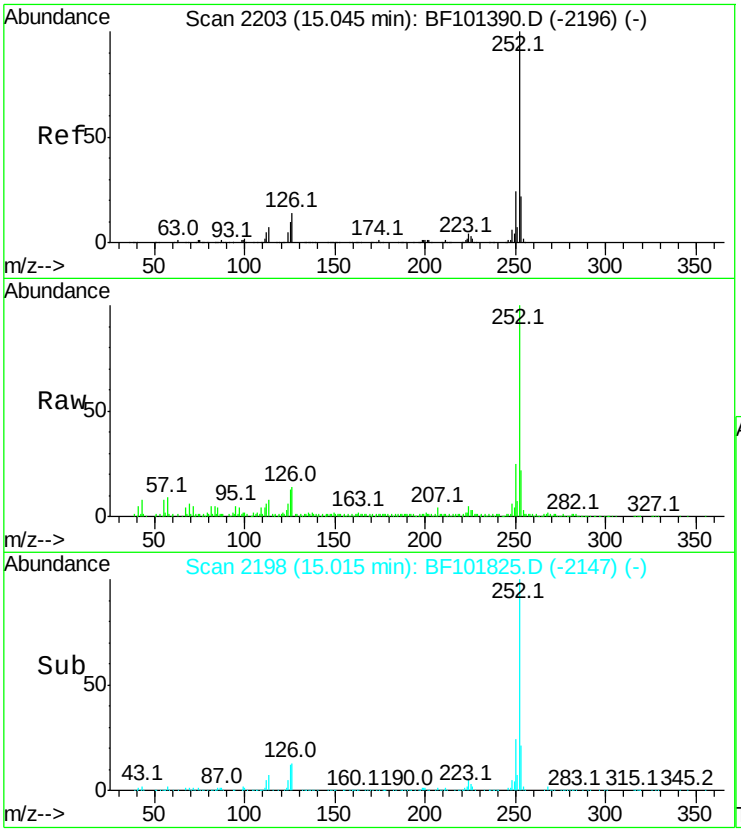


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:264 Resp: 302864

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.8	17.5	26.3



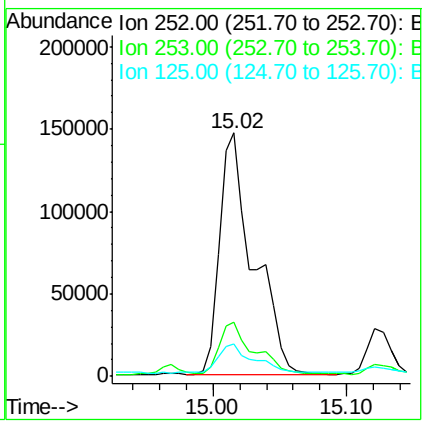


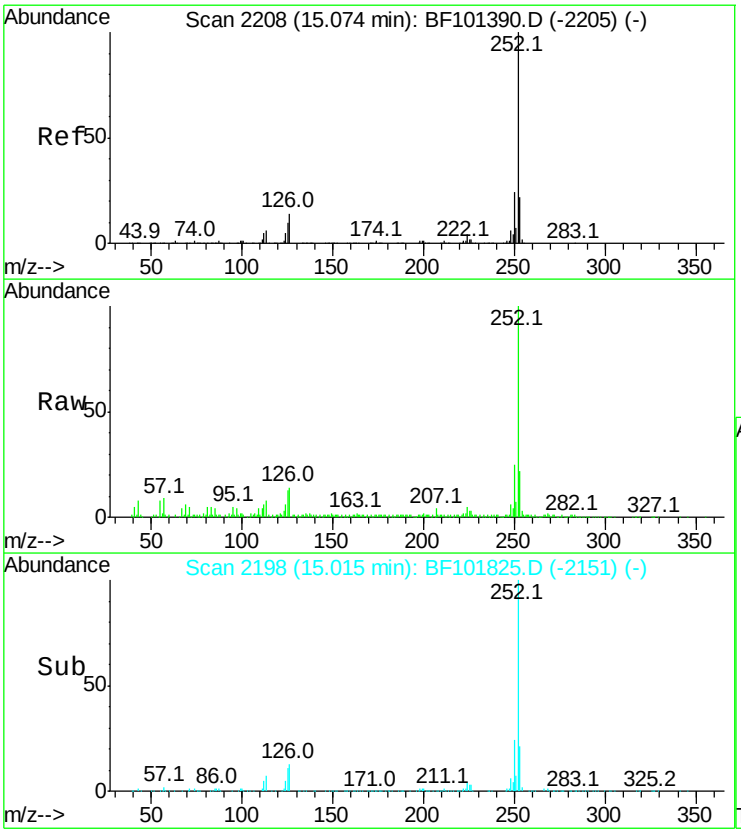
#87
Benzo(b)fluoranthene
Concen: 14.090 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 260107

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.2	9.0	13.6

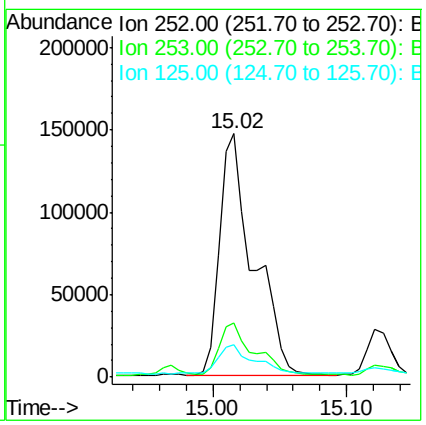


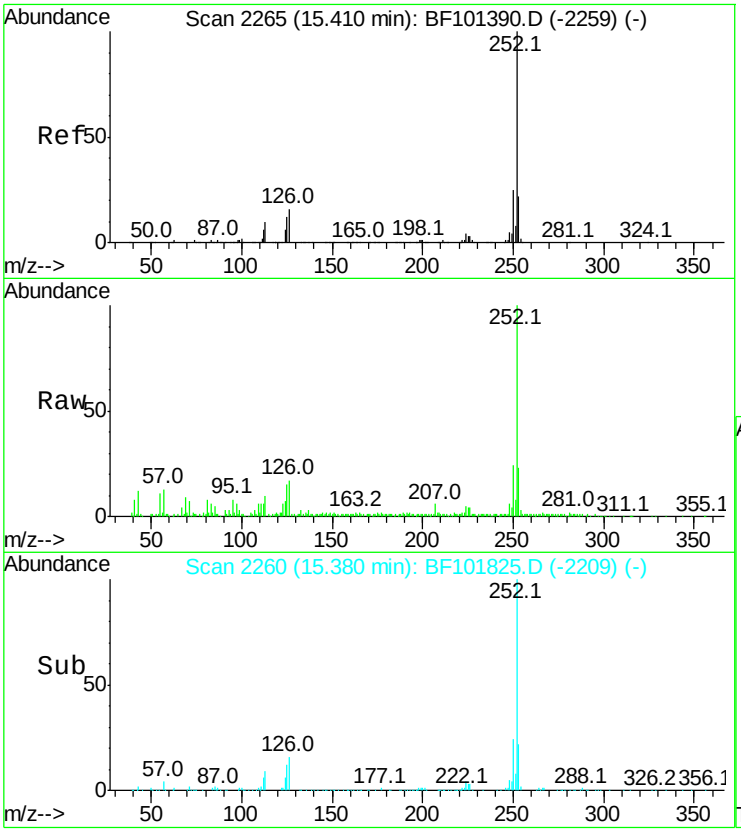


#88
Benzo(k)fluoranthene
Concen: 14.492 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:252 Resp: 260107

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.2	10.2	15.2



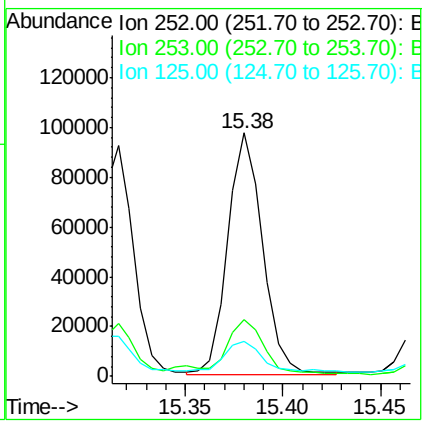


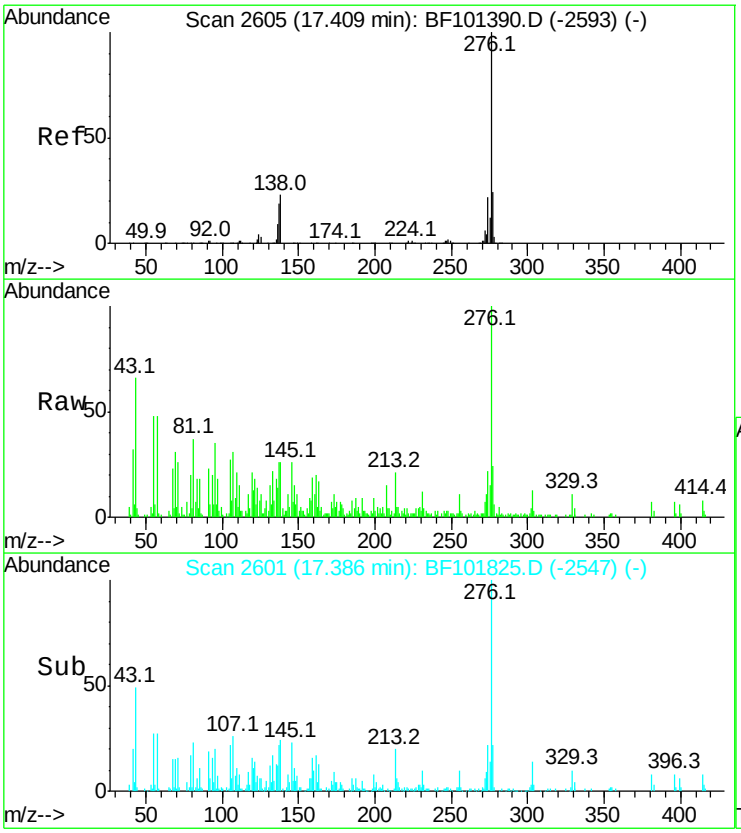
#89
Benzo(a)pyrene
Concen: 7.047 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 119926

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	14.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.341 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.02 min
Lab File: BF101825.D
Acq: 29 Dec 2017 13:27

Tgt Ion:276 Resp: 77280

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	26.0	21.8	32.8