Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101918.D
Acq On : 5 Jan 2018 10:05
Operator : SJ/JU
Sample : J1033-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1(5)

Quant Time: Jan 05 12:14:38 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	125920	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	507827	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	211692	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	345050	20.00	ng		0.00
75) Chrysene-d12	13.96	240	226580	20.00	ng		0.00
86) Perylene-d12	15.43	264	270322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	186578	22.07	ng		0.04
7) Phenol-d6	6.46	99	243823	23.18	ng		0.04
23) Nitrobenzene-d5	7.35	82	150816	16.53	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	20966	10.28	ng		0.01
44) 2-Fluorobiphenyl	9.12	172	252733	18.52	ng		0.00
78) Terphenyl-d14	12.88	244	159271	16.95	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	23075	3.340	ng	#	87
25) Isophorone	7.35	82	150816	8.241	ng	#	65
32) Benzoic acid	7.95	122	142	7.985	ng		89
50) 2,6-Dinitrotoluene	9.80	165	28295	8.176	ng	#	26
70) Phenanthrene	11.33	178	86165	4.490	ng		97
74) Fluoranthene	12.53	202	86957	4.317	ng		97
77) Pyrene	12.76	202	74542	4.384	ng		100
80) Benzo(a)anthracene	13.94	228	38845	2.596	ng	#	93
82) Chrysene	13.99	228	37046	2.622	ng		95
83) Bis(2-ethylhexyl)phthalate	13.89	149	75698	7.767	ng		98
85) Indeno(1,2,3-cd)pyrene	16.93	276	30159	2.397	ng	#	92
87) Benzo(b)fluoranthene	15.01	252	67196	4.078	ng	#	91
88) Benzo(k)fluoranthene	15.01	252	67393	4.207	ng	#	94
89) Benzo(a)pyrene	15.37	252	38038	2.504	ng	#	88
91) Benzo(g,h,i)perylene	17.39	276	26582	2.058	ng		95

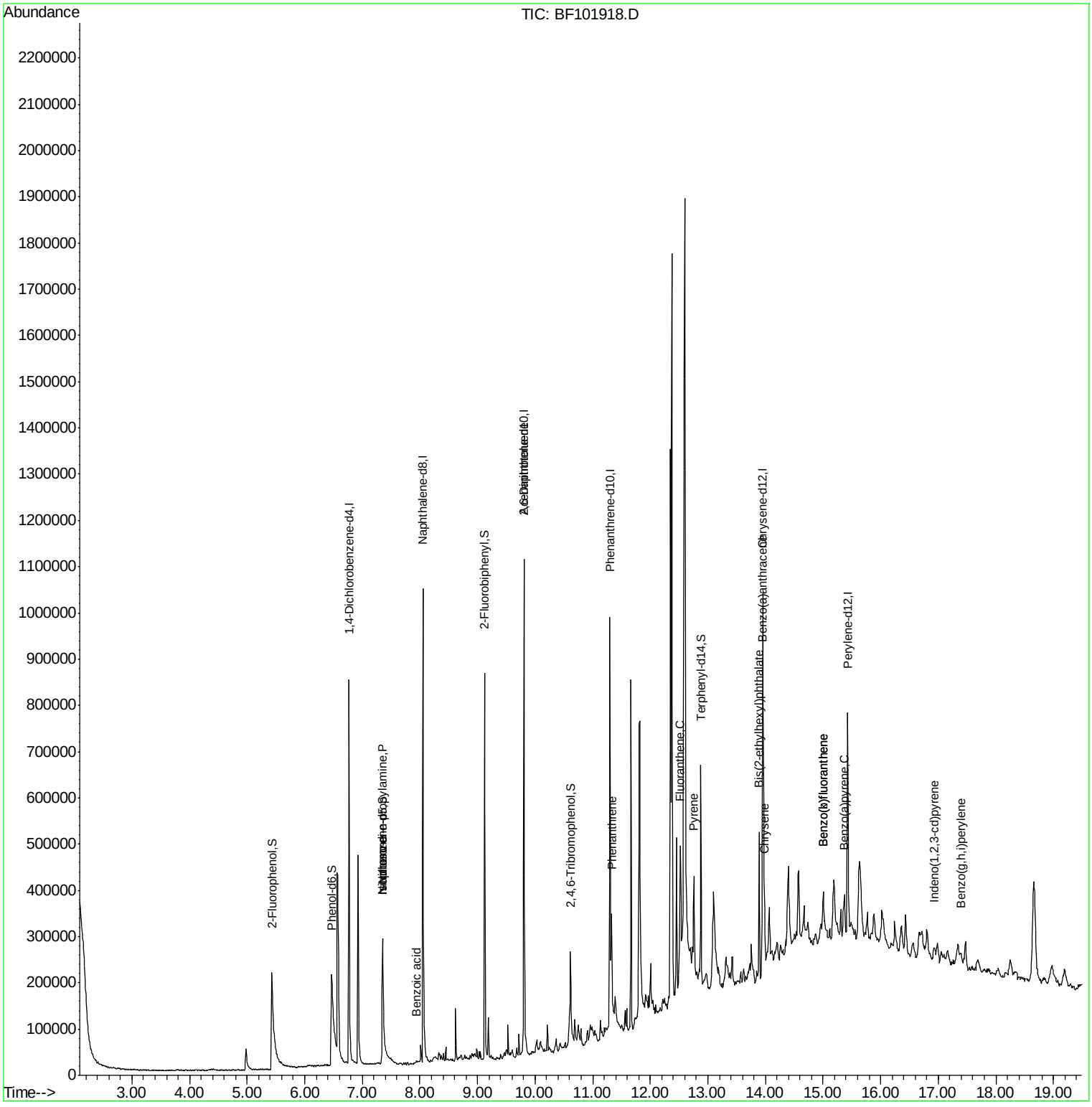
(#) = qualifier out of range (m) = manual integration (+) = signals summed

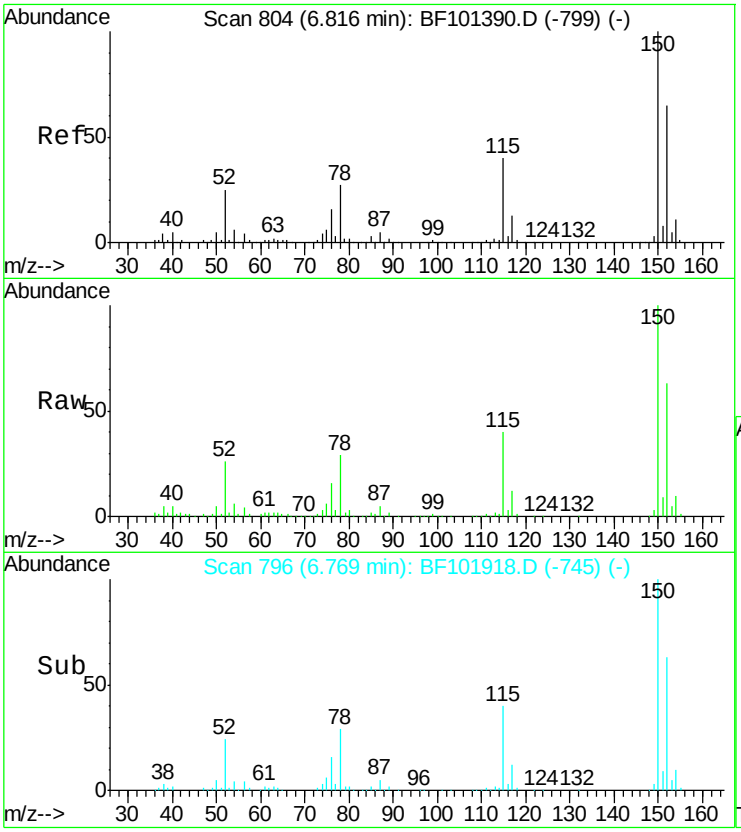
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101918.D
Acq On : 5 Jan 2018 10:05
Operator : SJ/JU
Sample : J1033-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Quant Time: Jan 05 12:14:38 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration



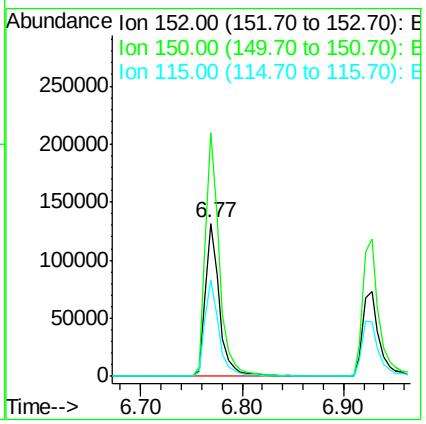


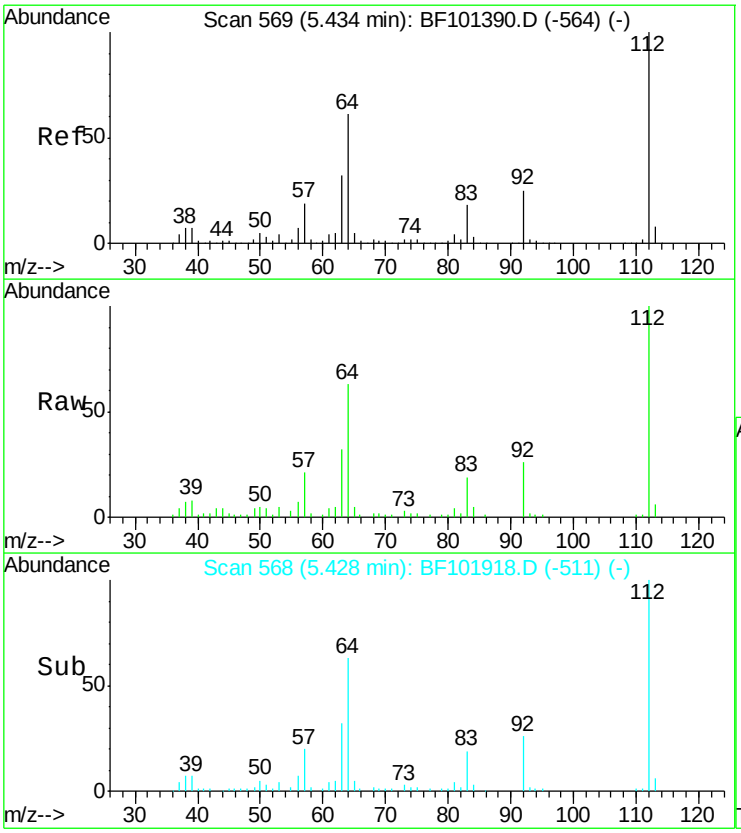
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:152 Resp: 125920

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	63.1	50.1	75.1

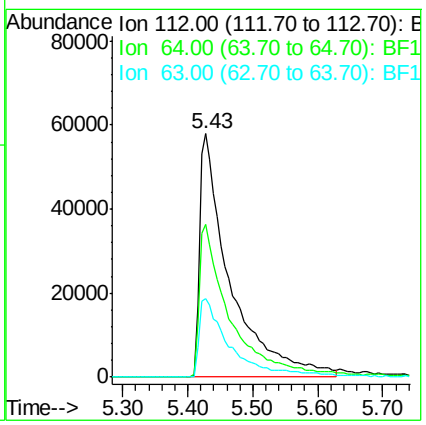


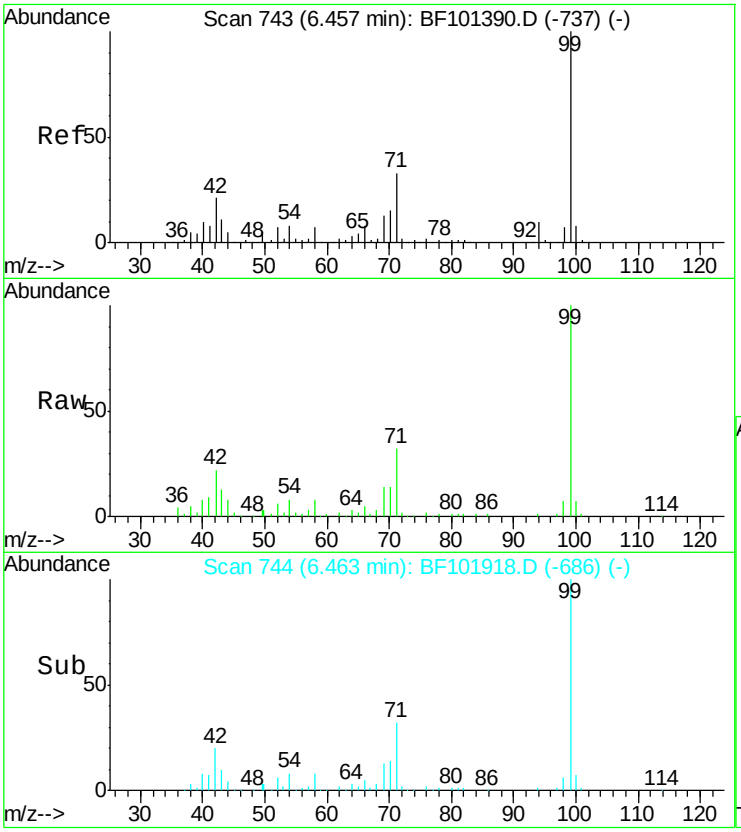


#5
2-Fluorophenol
Concen: 22.071 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.04 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:112 Resp: 186578

Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.9	71.9
63	32.4	23.7	35.5



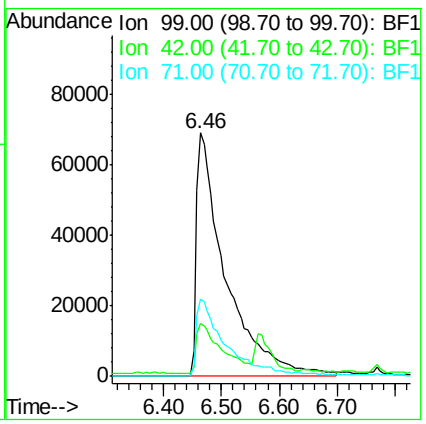


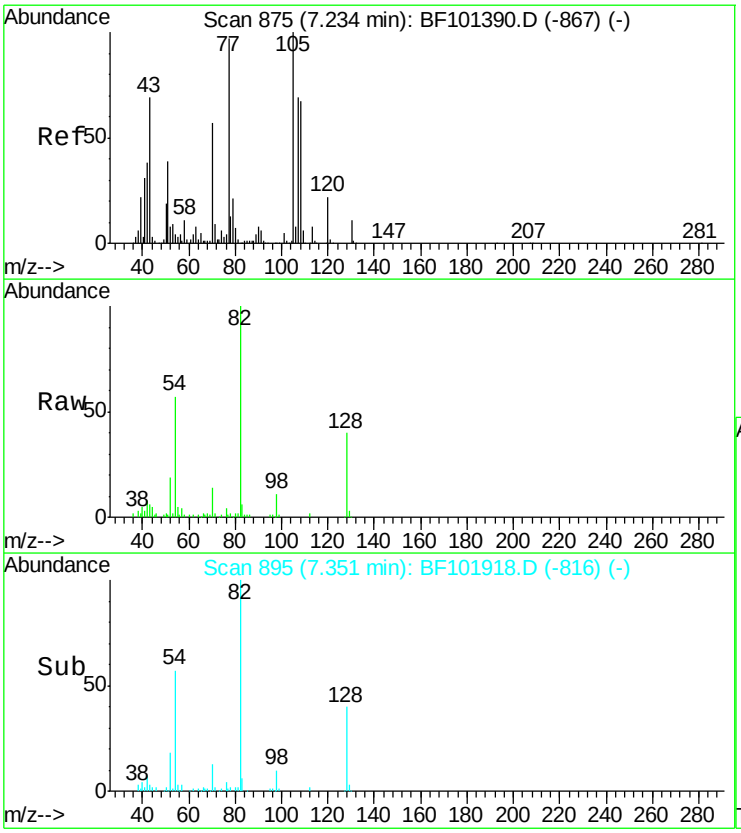
#7
Phenol-d6
Concen: 23.176 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.04 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion: 99 Resp: 243823

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	31.7	25.4	38.0

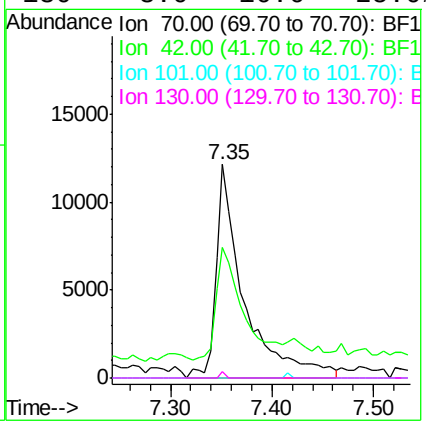


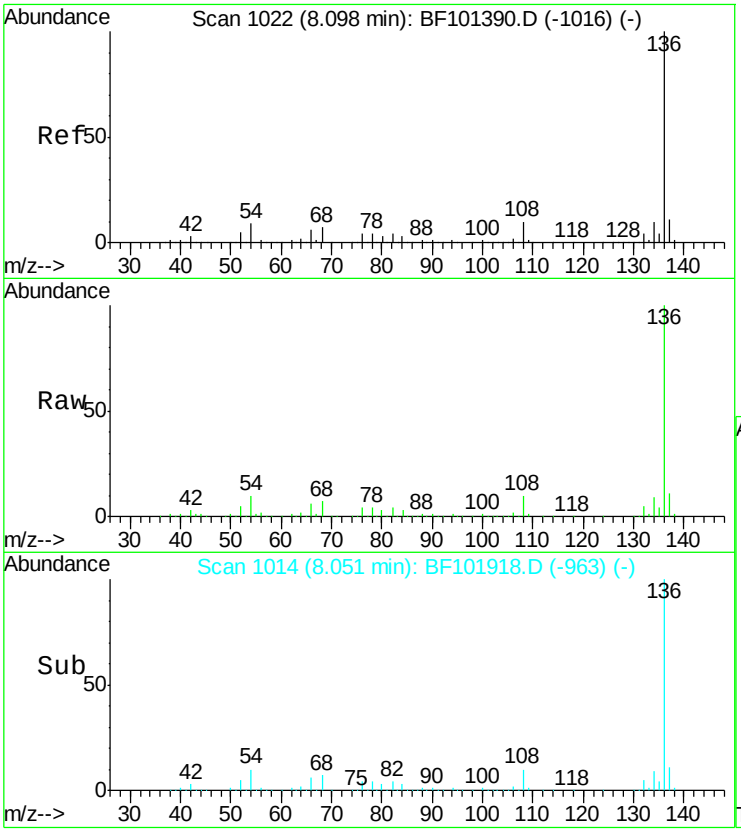


#19
n-Nitroso-di-n-propylamine
Concen: 3.340 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.16 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion: 70 Resp: 23075

Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.5	71.3
101	0.0	7.4	11.2#
130	3.0	16.6	25.0#



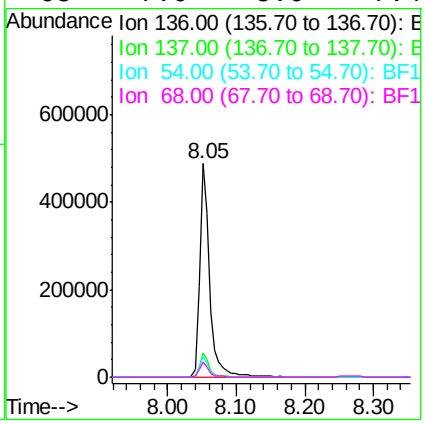


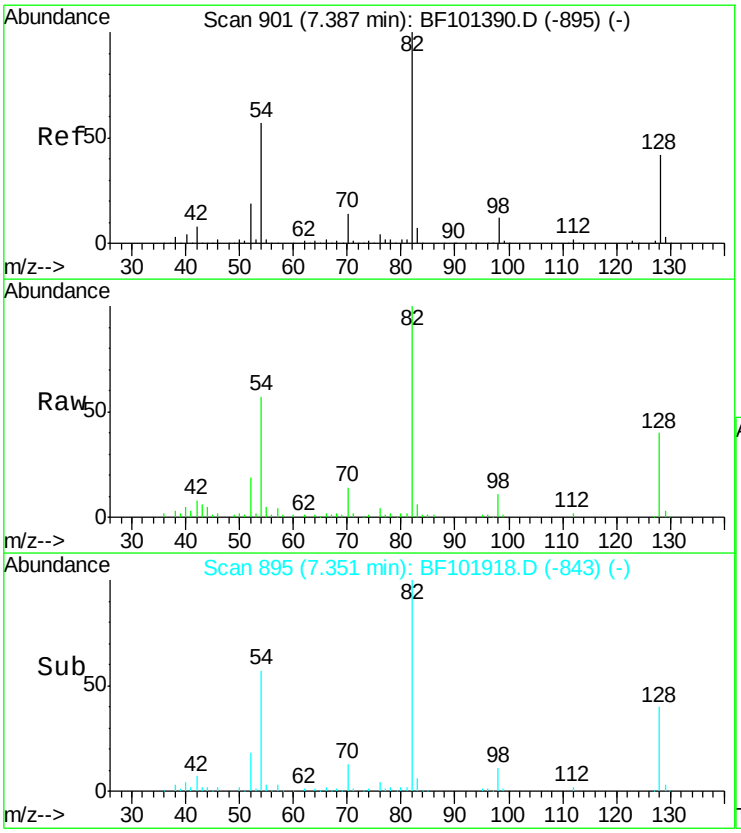
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:136 Resp: 507827

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.6	6.6	9.8
68	7.0	5.0	7.4

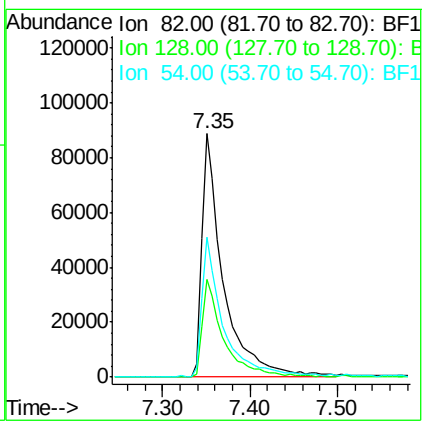


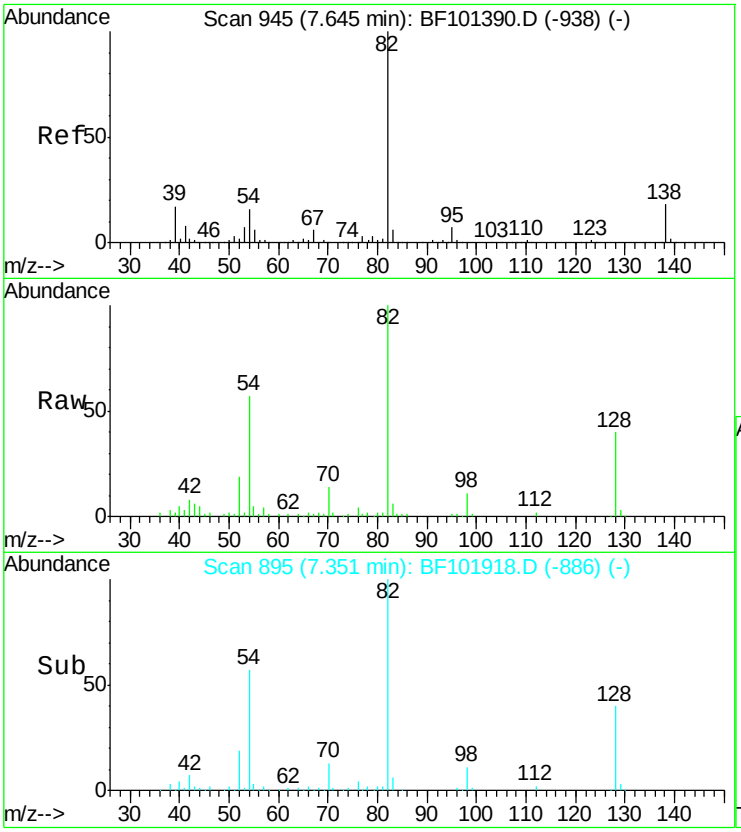


#23
Nitrobenzene-d5
Concen: 16.532 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion: 82 Resp: 150816

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	57.2	41.4	62.2



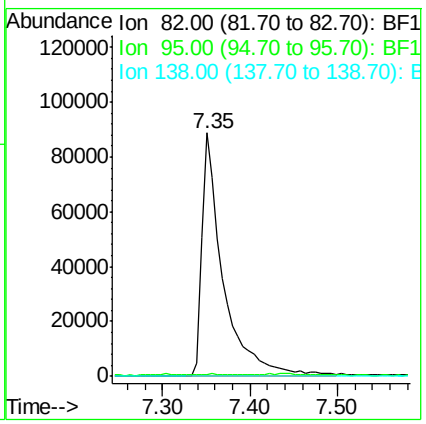


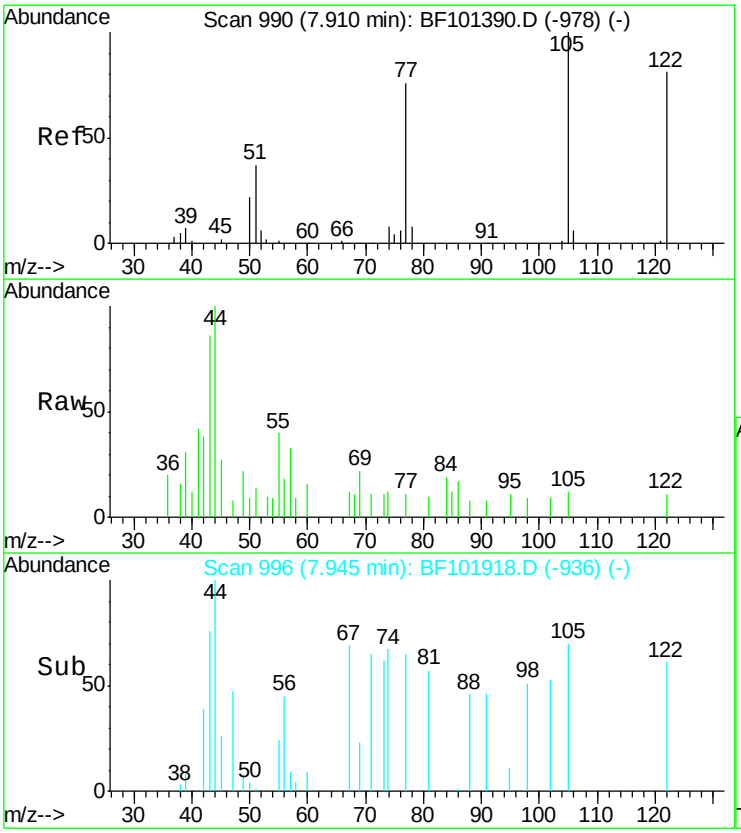
#25
Isophorone
Concen: 8.241 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.25 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion: 82 Resp: 150816

Ion	Ratio	Lower	Upper
82	100		
95	0.7	5.2	7.8#
138	0.0	14.9	22.3#

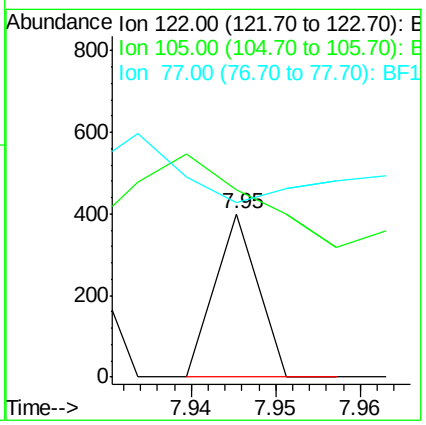


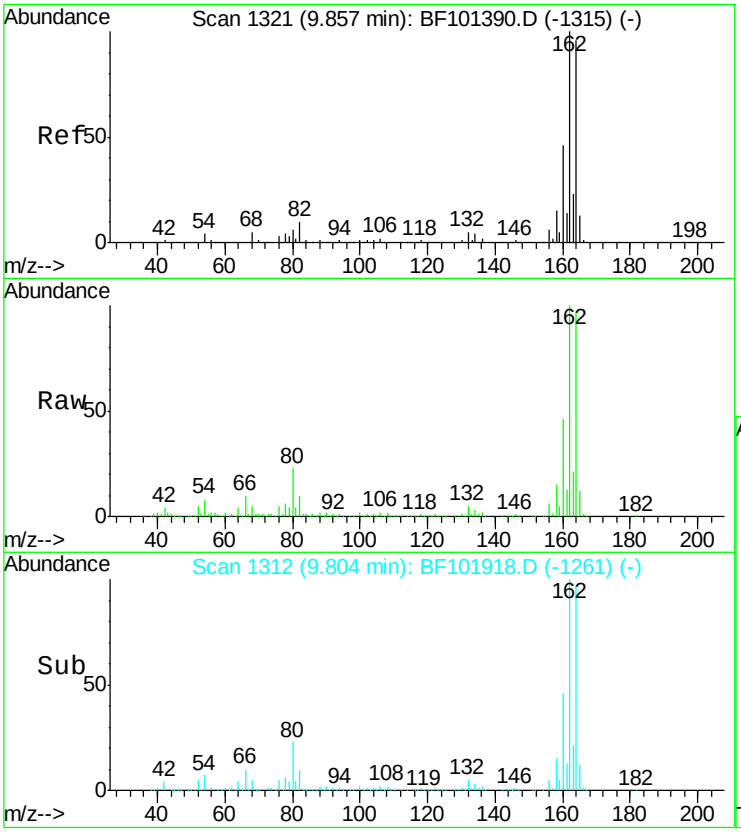


#32
Benzoic acid
Concen: 7.985 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.05 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:122 Resp: 142

Ion	Ratio	Lower	Upper
122	100		
105	114.5	101.1	141.1
77	106.5	70.7	110.7



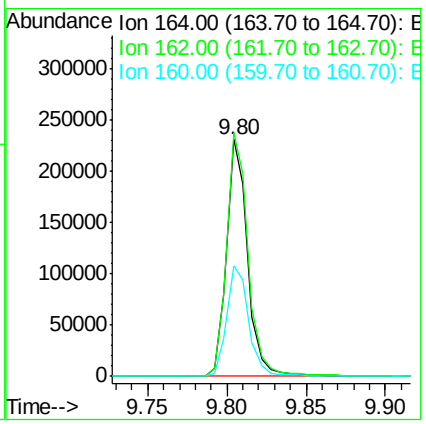


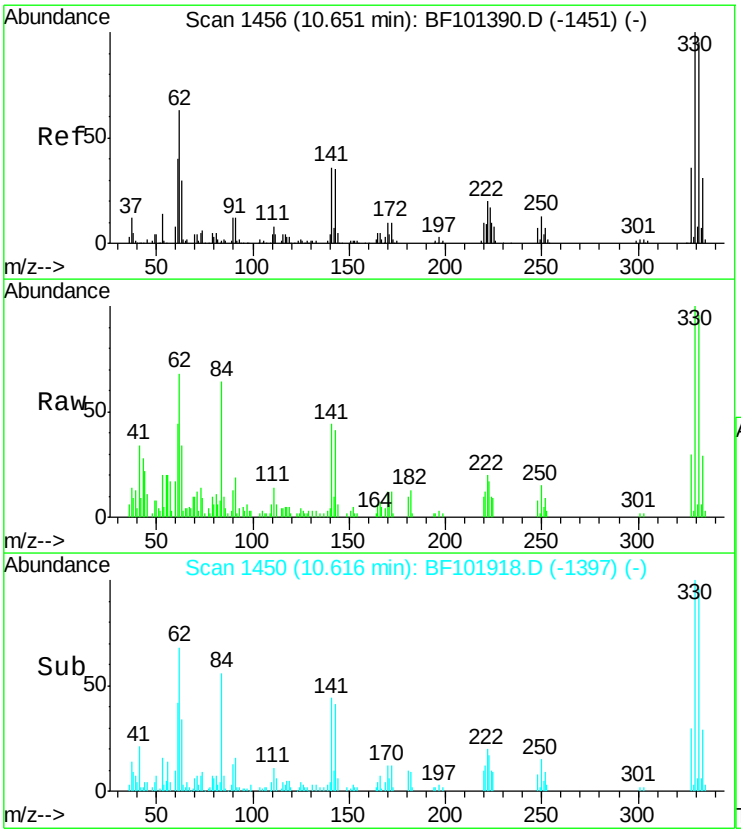
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:164 Resp: 211692

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.8	38.3	57.5

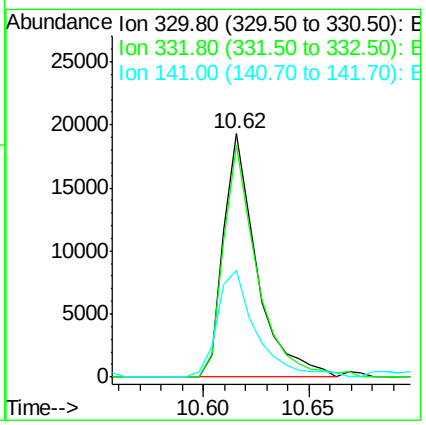


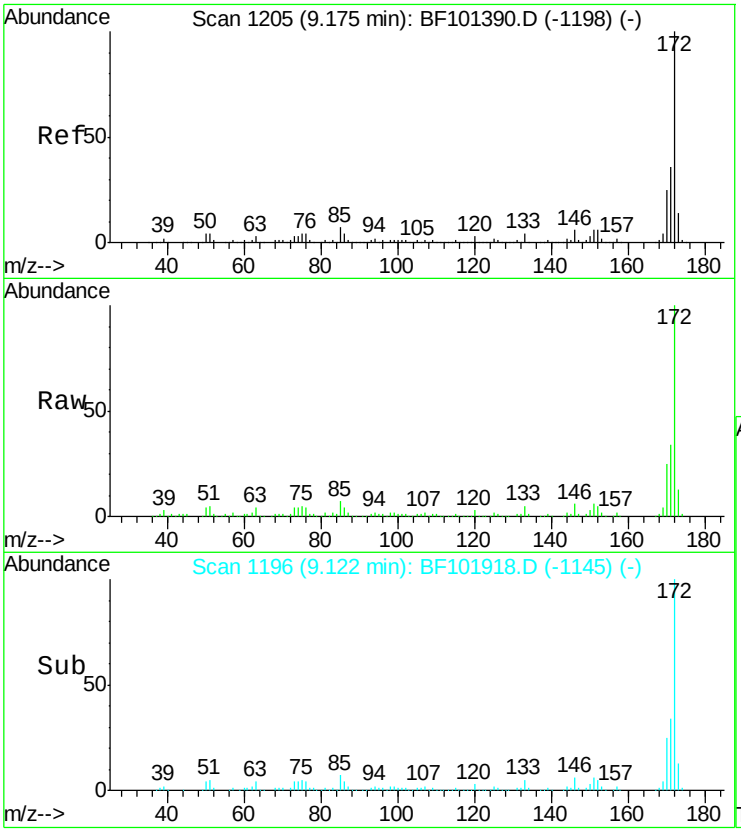


#41
2,4,6-Tribromophenol
Concen: 10.278 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:330 Resp: 20966

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	51.2	29.9	44.9#



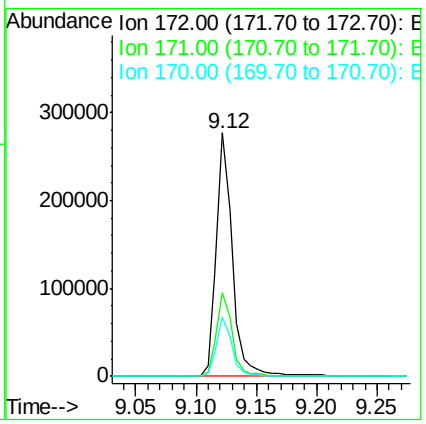


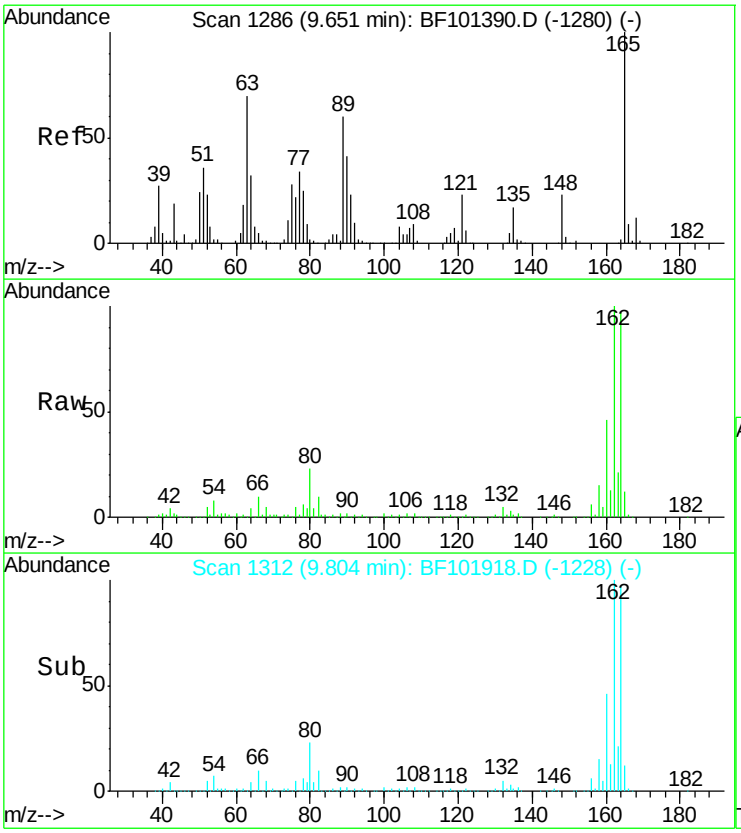
#44
2-Fluorobiphenyl
Concen: 18.520 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:172 Resp: 252733

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	24.6	19.6	29.4

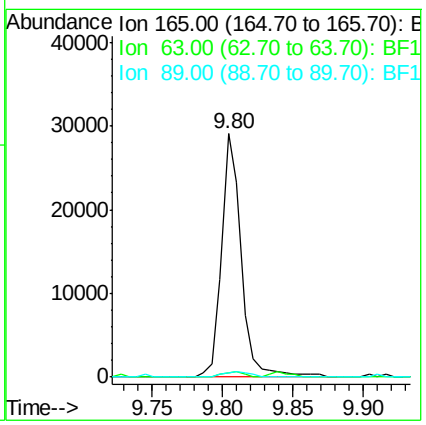


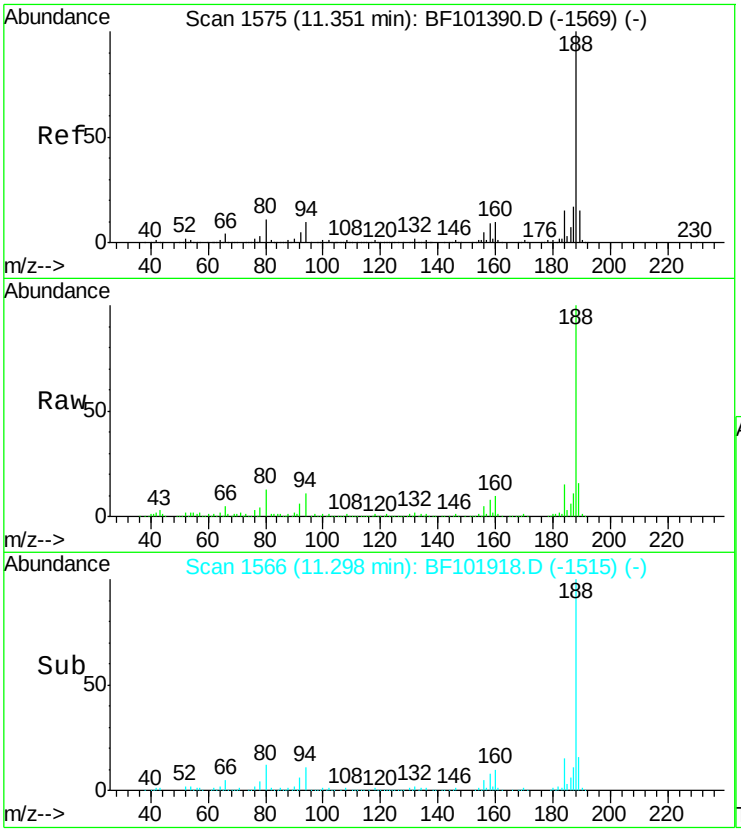


#50
2,6-Dinitrotoluene
Concen: 8.176 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:165 Resp: 28295

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.9	44.0	66.0#



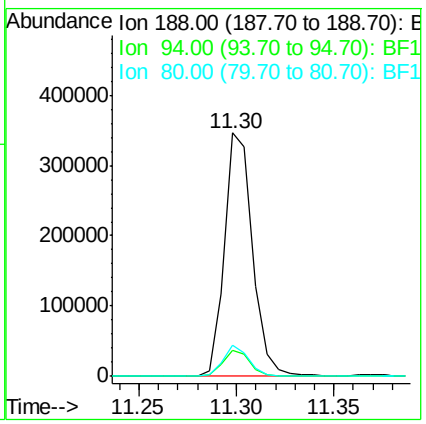


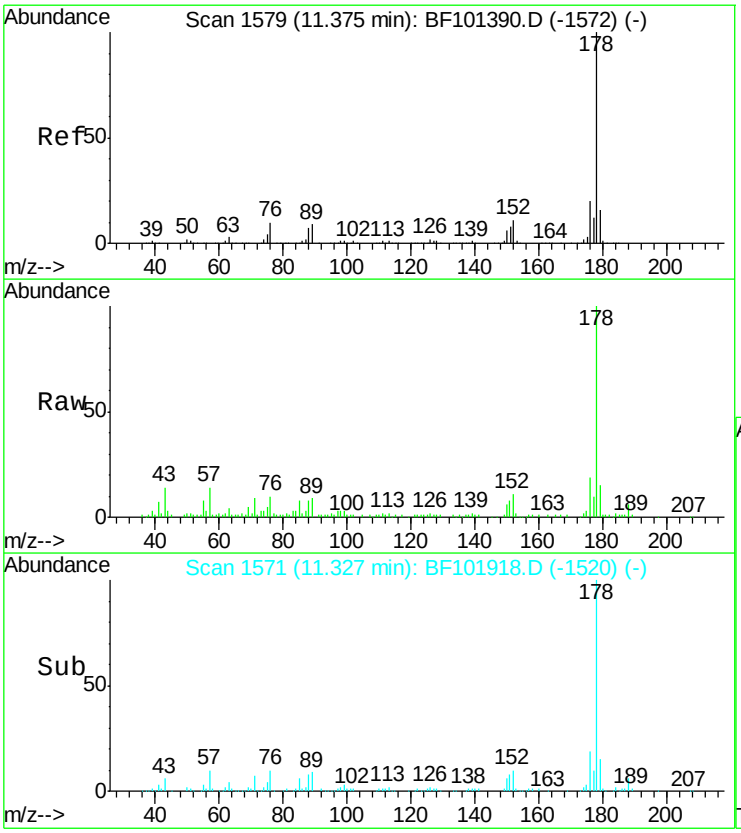
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:188 Resp: 345050

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.6	9.2	13.8

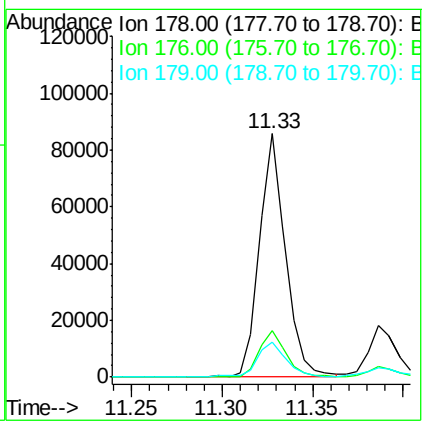


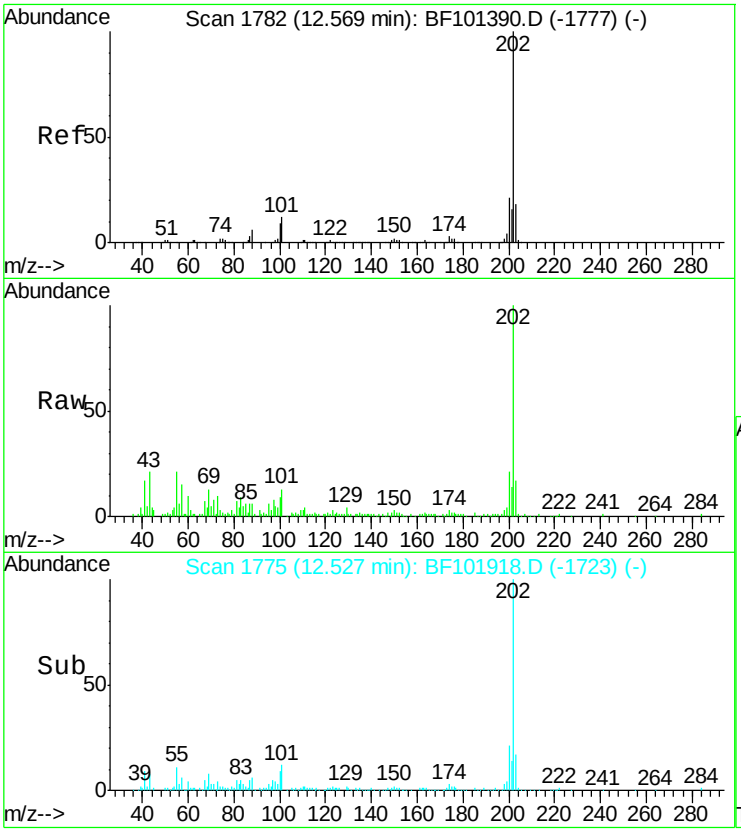


#70
Phenanthrene
Concen: 4.490 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:178 Resp: 86165

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.6	13.0	19.6



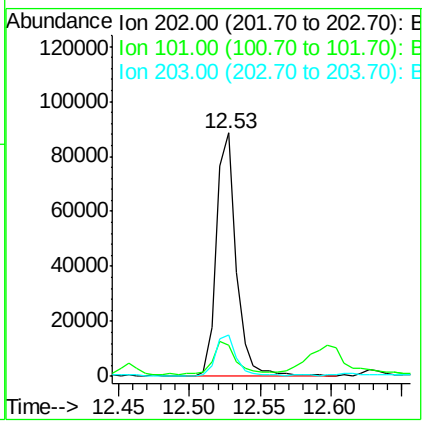


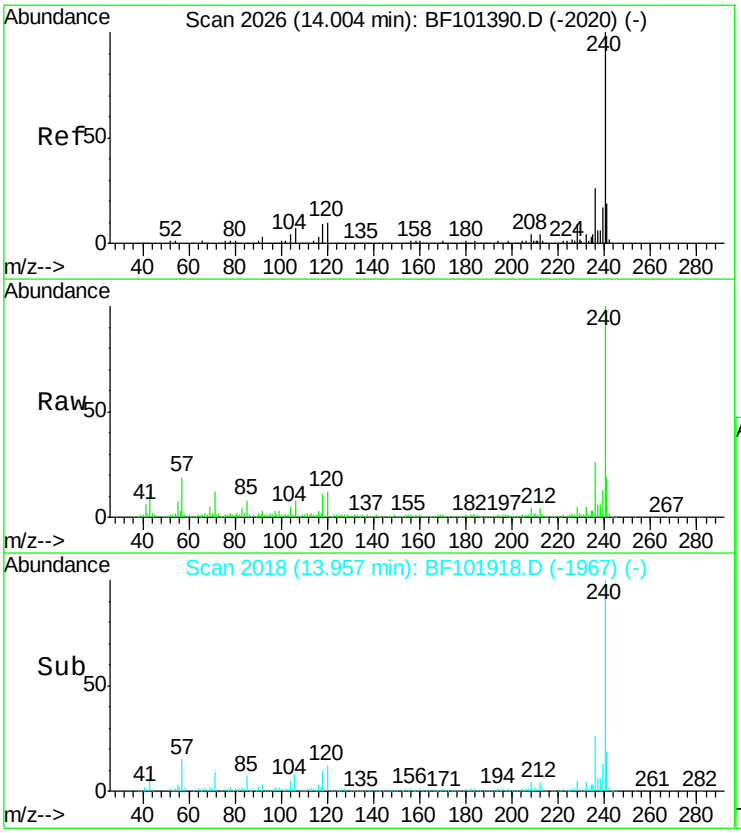
#74
Fluoranthene
Concen: 4.317 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:202 Resp: 86957

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	16.9	0.0	38.1

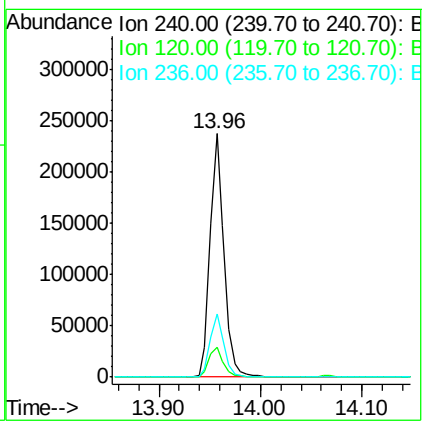


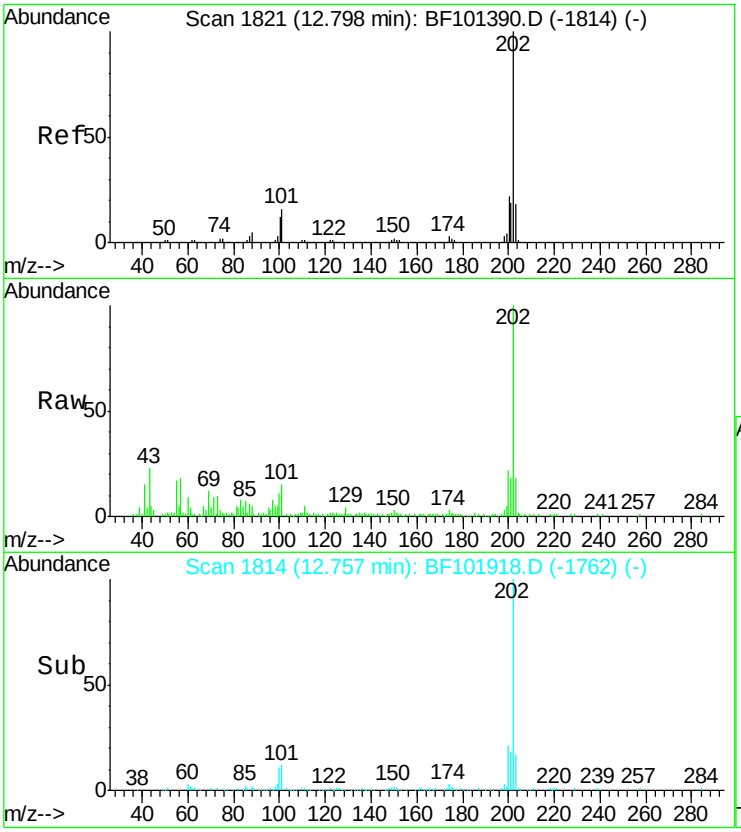


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:240 Resp: 226580

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.7	20.7	31.1



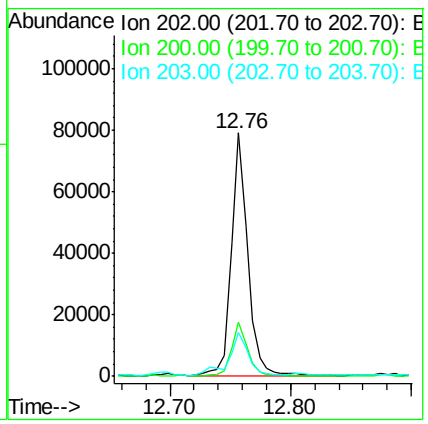


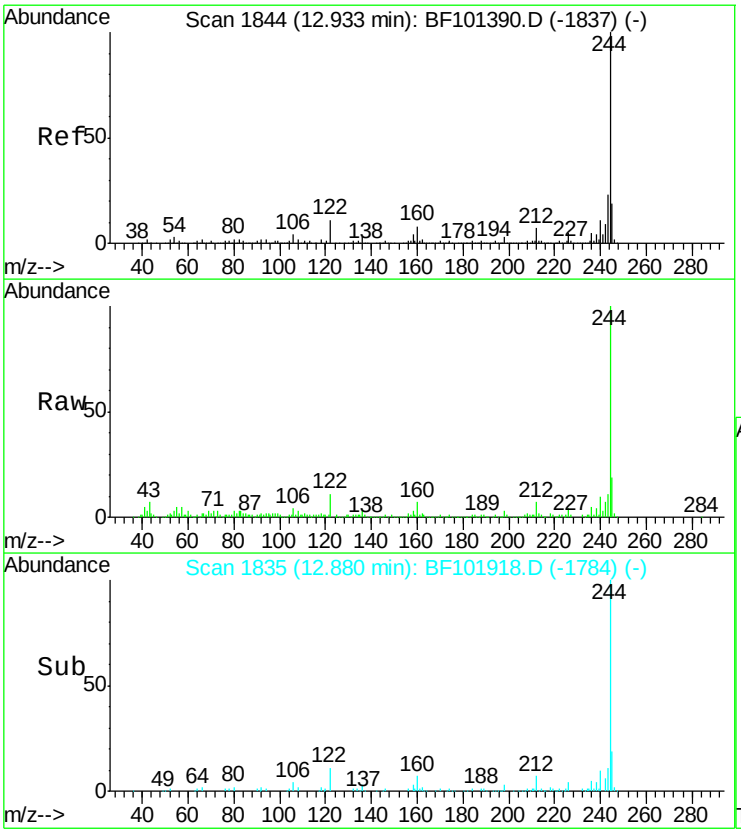
#77
Pyrene
Concen: 4.384 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:202 Resp: 74542

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.3	21.5

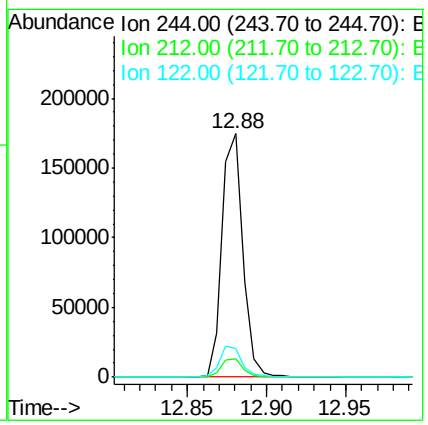


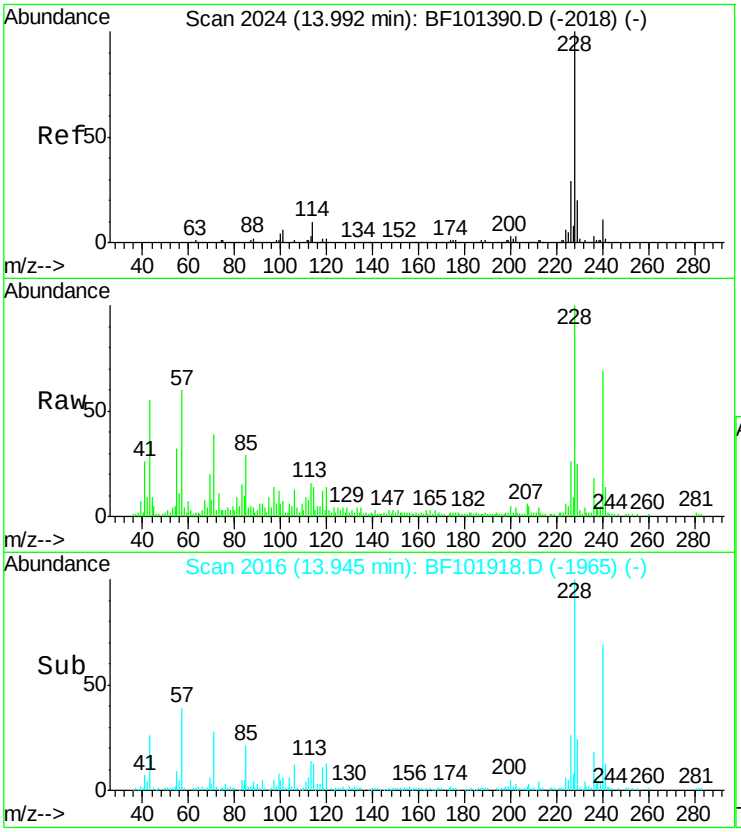


#78
Terphenyl-d14
Concen: 16.946 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:244 Resp: 159271

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.5	11.0	16.4



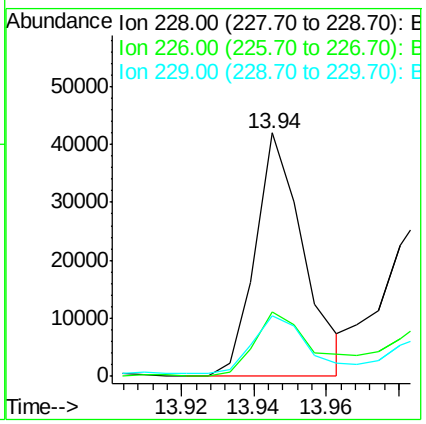


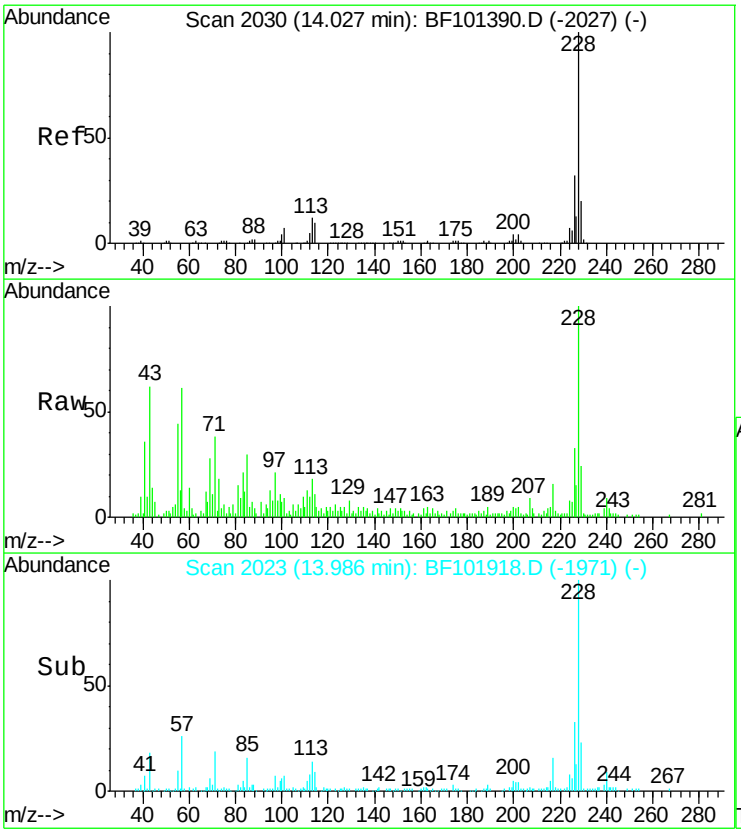
#80
Benzo(a)anthracene
Concen: 2.596 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:228 Resp: 38845

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	24.8	15.8	23.6#

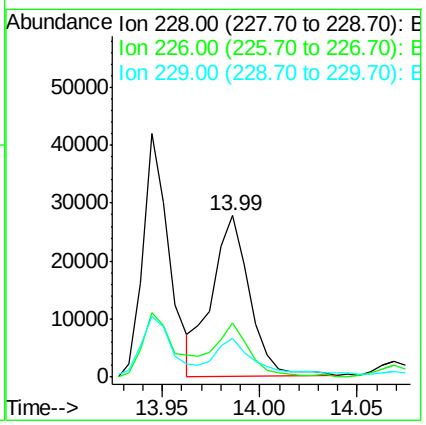


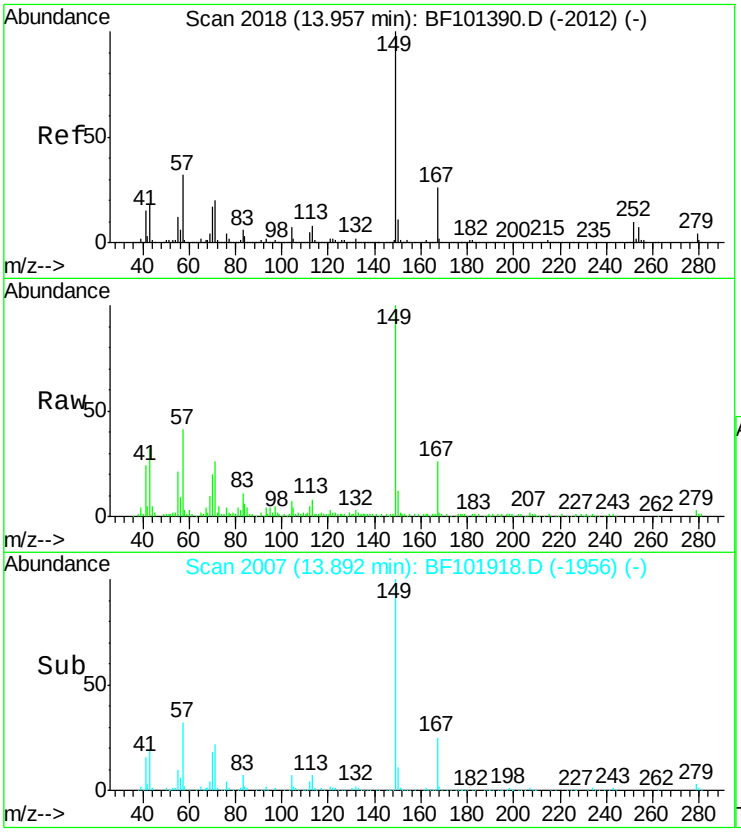


#82
Chrysene
Concen: 2.622 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:228 Resp: 37046

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.0	37.6
229	23.9	16.2	24.4



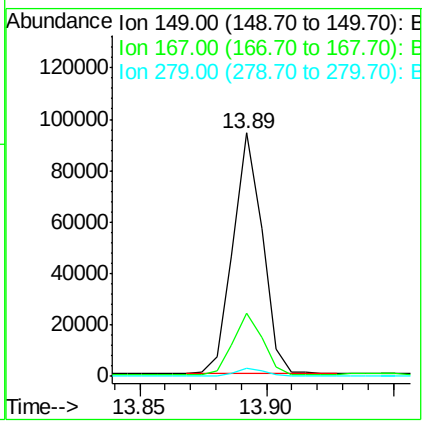


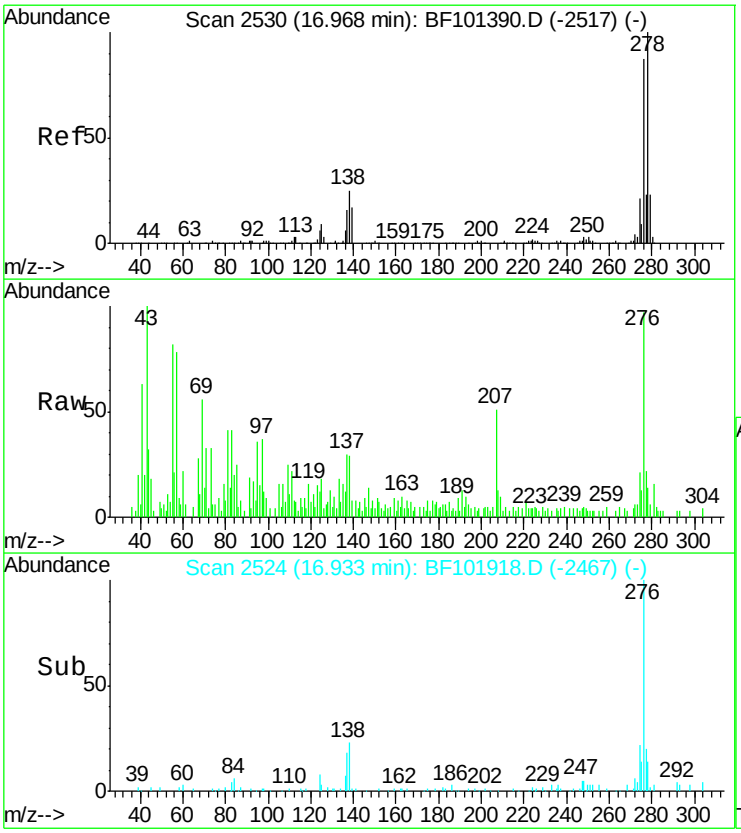
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.767 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:149 Resp: 75698

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	3.2	3.0	4.4

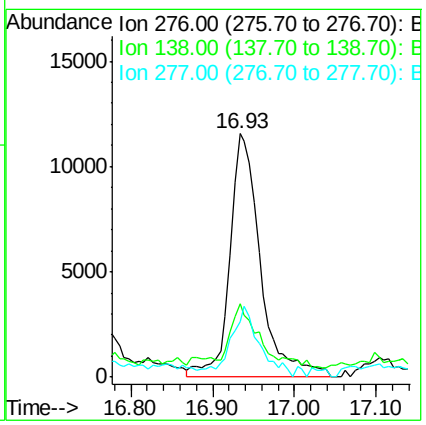


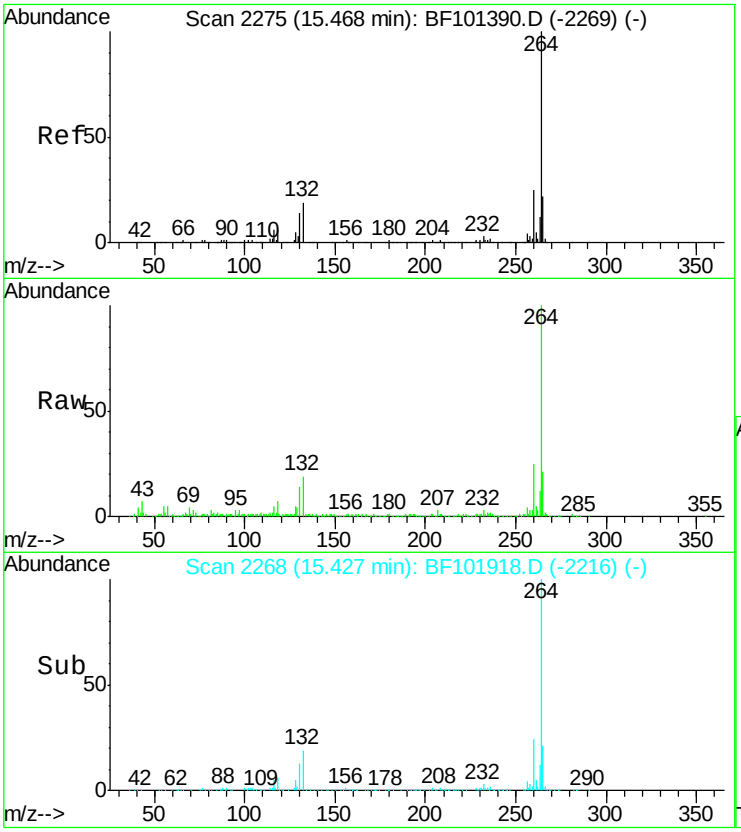


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.397 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.04 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:276 Resp: 30159

Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.0	37.6#
277	27.6	20.1	30.1



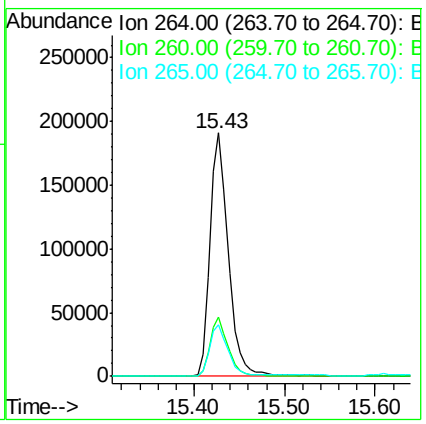


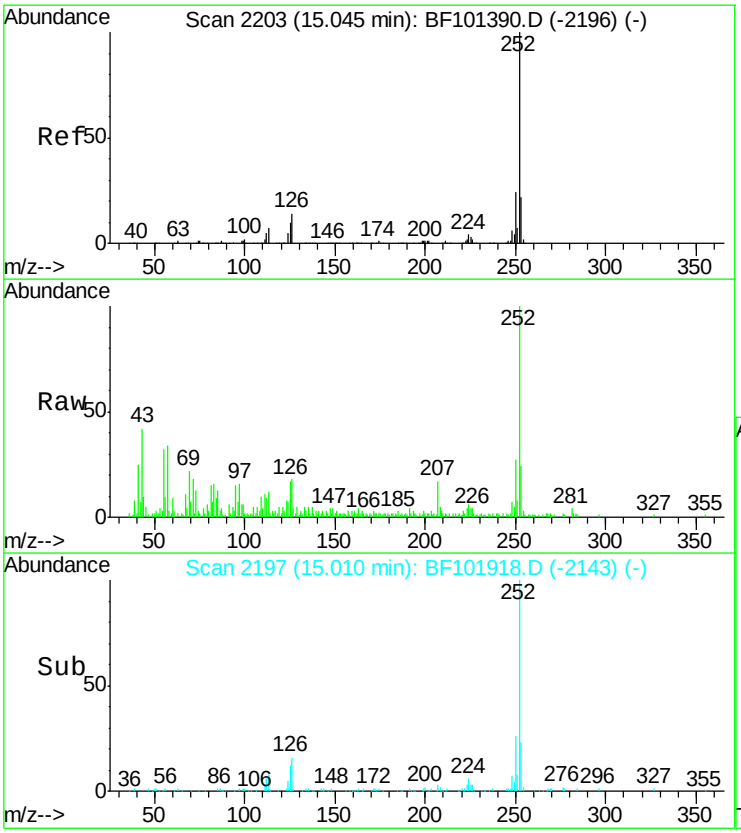
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:264 Resp: 270322

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.5	26.3

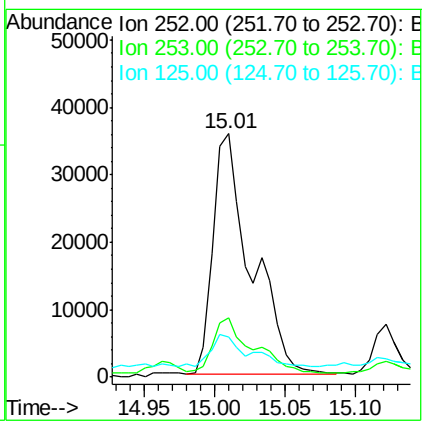


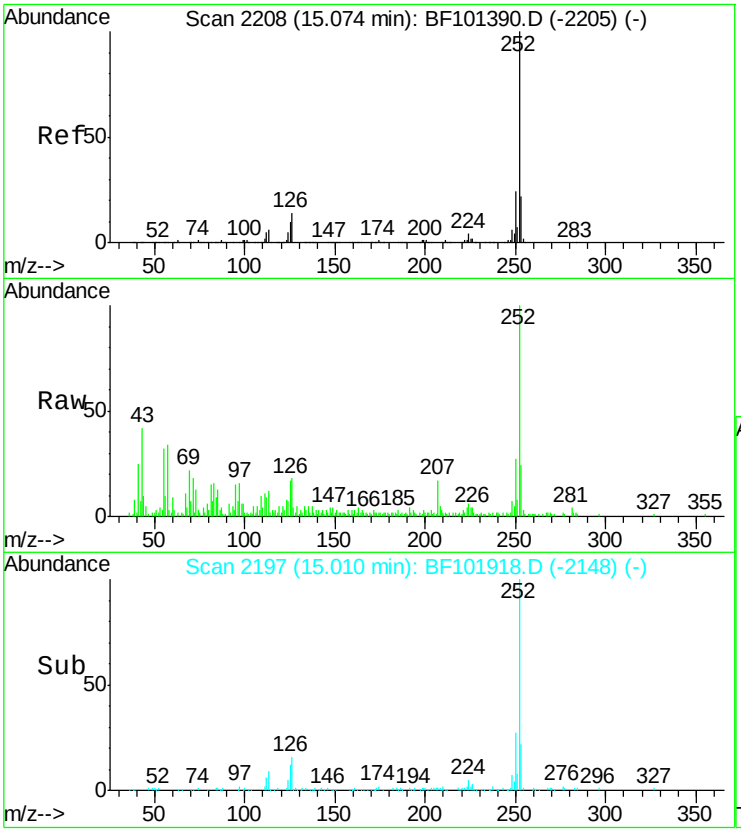


#87
Benzo(b)fluoranthene
Concen: 4.078 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:252 Resp: 67196

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	16.5	9.0	13.6#



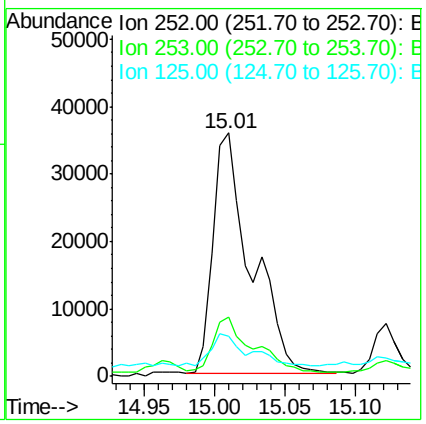


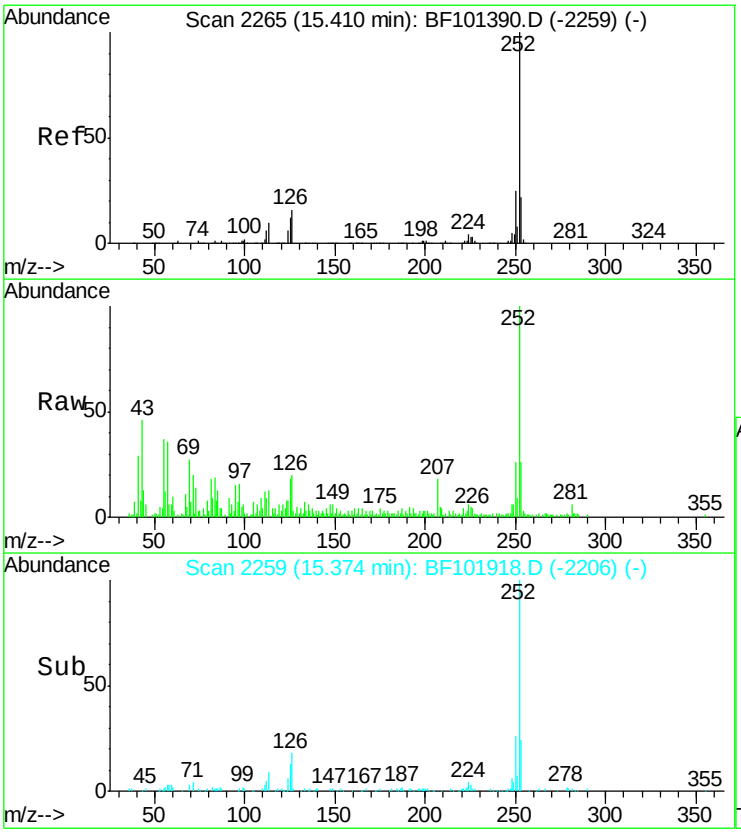
#88
Benzo(k)fluoranthene
Concen: 4.207 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:252 Resp: 67393

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	16.5	10.2	15.2#

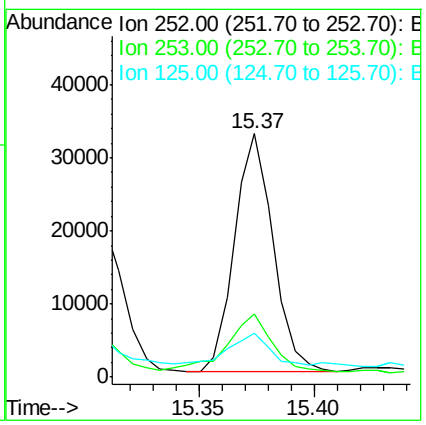


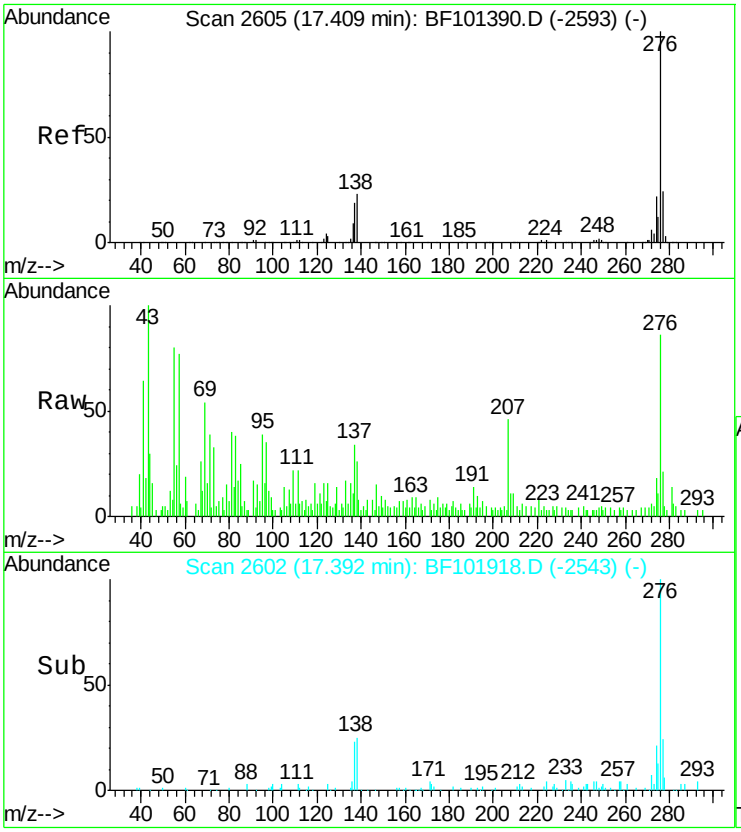


#89
Benzo(a)pyrene
Concen: 2.504 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:252 Resp: 38038

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	18.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.058 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.05 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:276 Resp: 26582

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	30.3	21.8	32.8