Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101064.D
Acq On : 1 Dec 2017 15:44
Operator : SJ/JU
Sample : I6289-09DL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112917DL

Quant Time: Dec 01 21:49:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	43548	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	172502	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	78581	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	138341	20.00	ng		0.00
75) Chrysene-d12	14.02	240	92216	20.00	ng		0.00
86) Perylene-d12	15.49	264	109077	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	5586	2.12	ng		0.00
7) Phenol-d6	6.47	99	8594	2.69	ng		0.00
23) Nitrobenzene-d5	7.40	82	5588	1.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	1900	2.01	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	15352	2.67	ng		-0.01
78) Terphenyl-d14	12.95	244	11589	2.75	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.15	128	31599	3.717	ng		99
37) 2-Methylnaphthalene	8.84	142	22517	3.898	ng		99
50) 2,6-Dinitrotoluene	9.88	165	10813	8.101	ng	#	24
51) Acenaphthene	9.92	154	48081	9.556	ng		96
54) Dibenzofuran	10.09	168	70819	9.767	ng		99
55) 4-Nitrophenol	10.09	139	26081	25.764	ng	#	10
57) Fluorene	10.43	166	98399	16.694	ng		99
70) Phenanthrene	11.40	178	586457	76.979	ng		99
71) Anthracene	11.45	178	158968	20.617	ng		99
72) Carbazole	11.60	167	33562	4.764	ng	#	96
74) Fluoranthene	12.59	202	420333	49.774	ng		95
77) Pyrene	12.82	202	337693	53.070	ng		99
80) Benzo(a)anthracene	14.00	228	138993	23.872	ng		99
82) Chrysene	14.04	228	109581	20.265	ng		96
85) Indeno(1,2,3-cd)pyrene	16.96	276	52287	10.876	ng	#	90
87) Benzo(b)fluoranthene	15.06	252	185724	28.427	ng		97
88) Benzo(k)fluoranthene	15.06	252	185724	28.853	ng		97
89) Benzo(a)pyrene	15.36	252	66163	11.139	ng		97
91) Benzo(g,h,i)perylene	17.40	276	48910	9.911	ng	#	91

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

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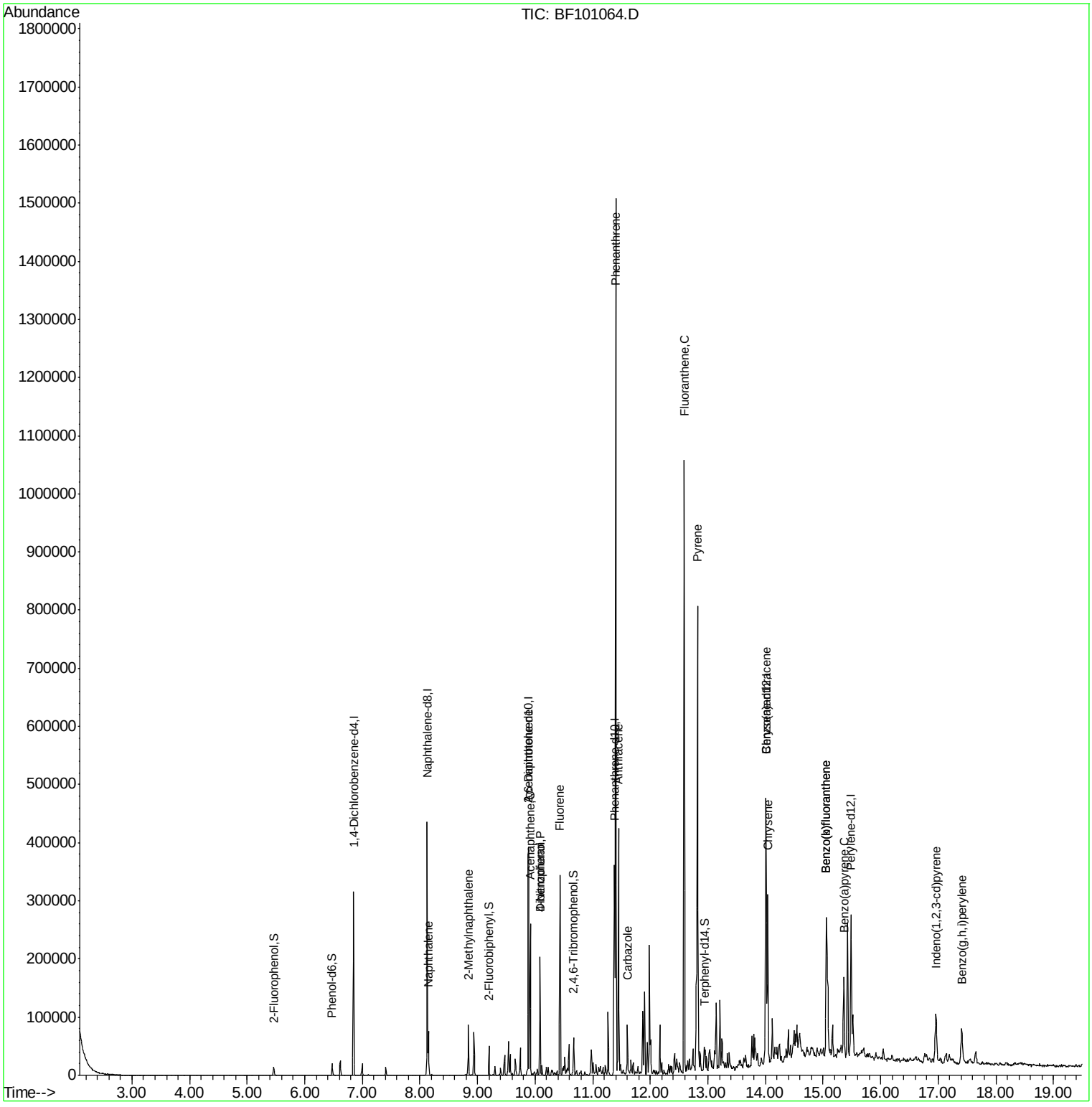
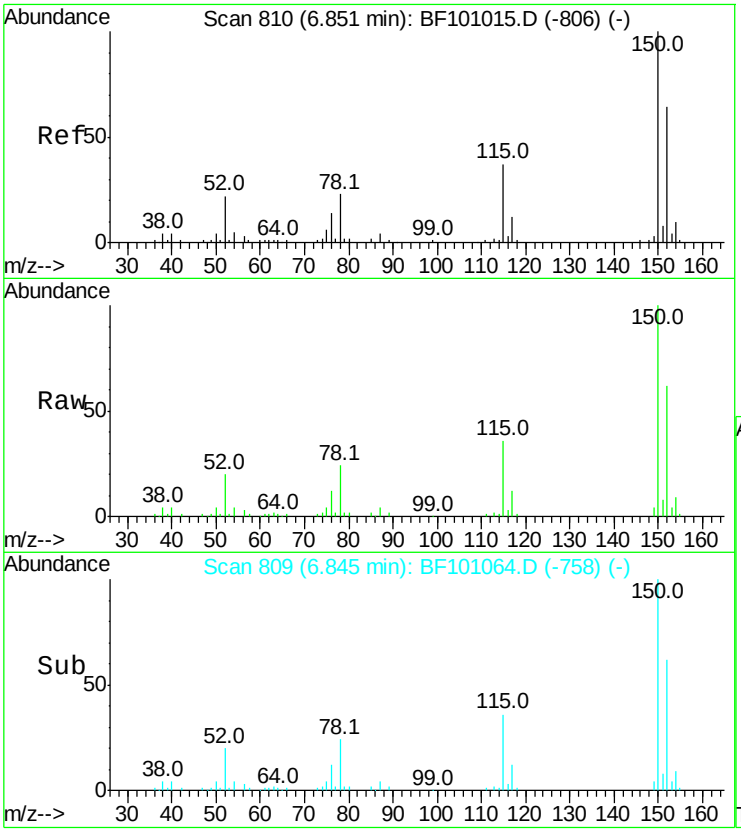


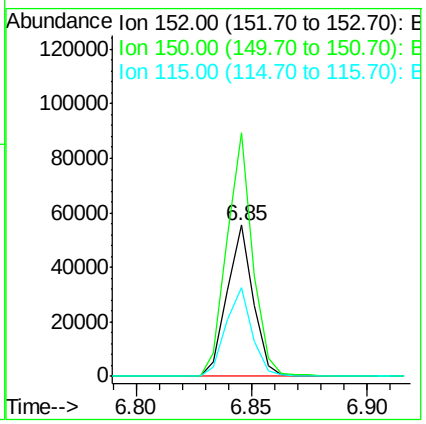


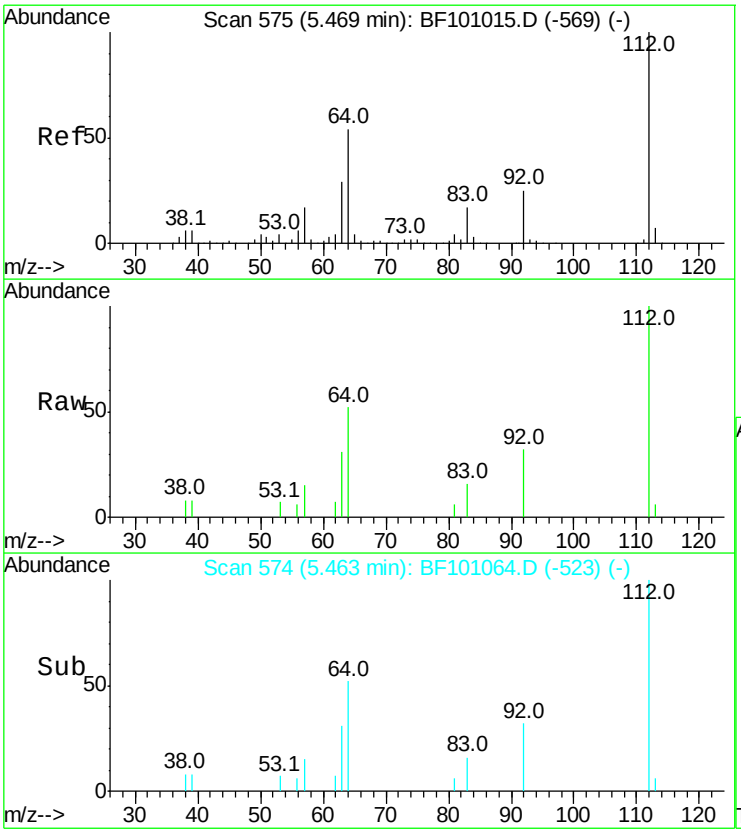
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:152 Resp: 43548

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	58.5	50.1	75.1

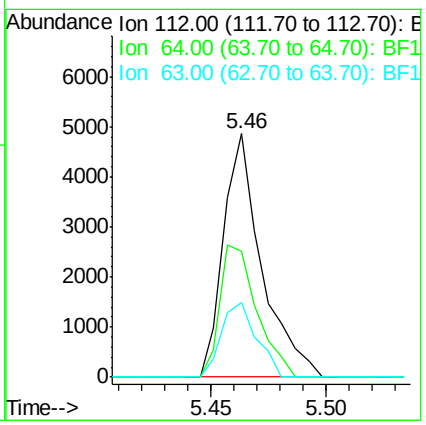


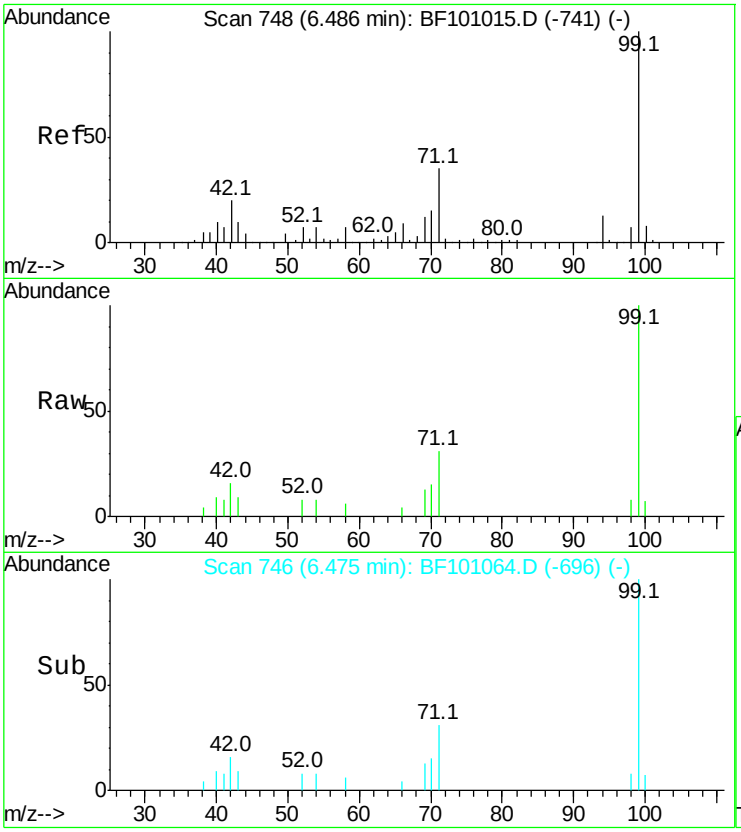


#5
2-Fluorophenol
Concen: 2.120 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:112 Resp: 5586

Ion	Ratio	Lower	Upper
112	100		
64	51.7	47.9	71.9
63	30.6	23.7	35.5



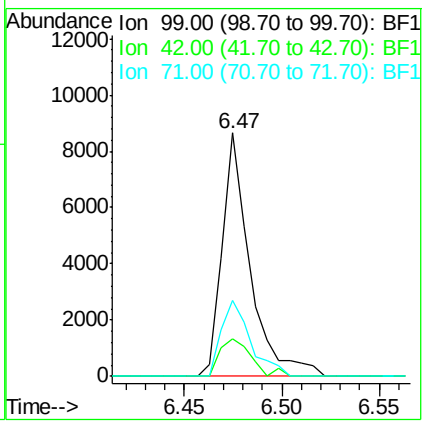


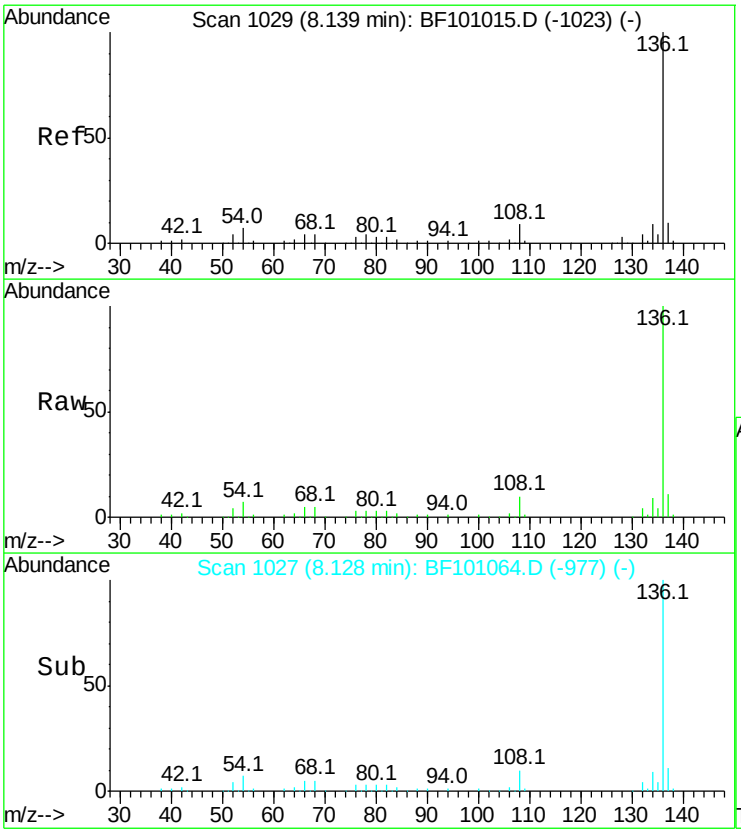
#7
Phenol-d6
Concen: 2.686 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion: 99 Resp: 8594

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	31.3	25.4	38.0

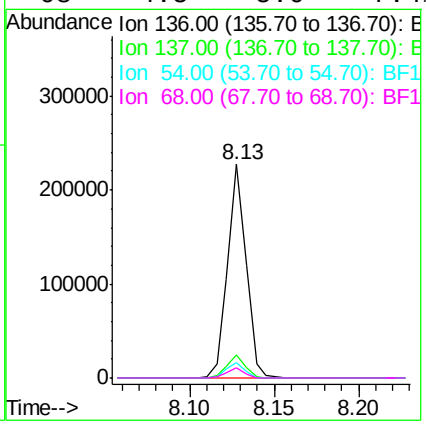


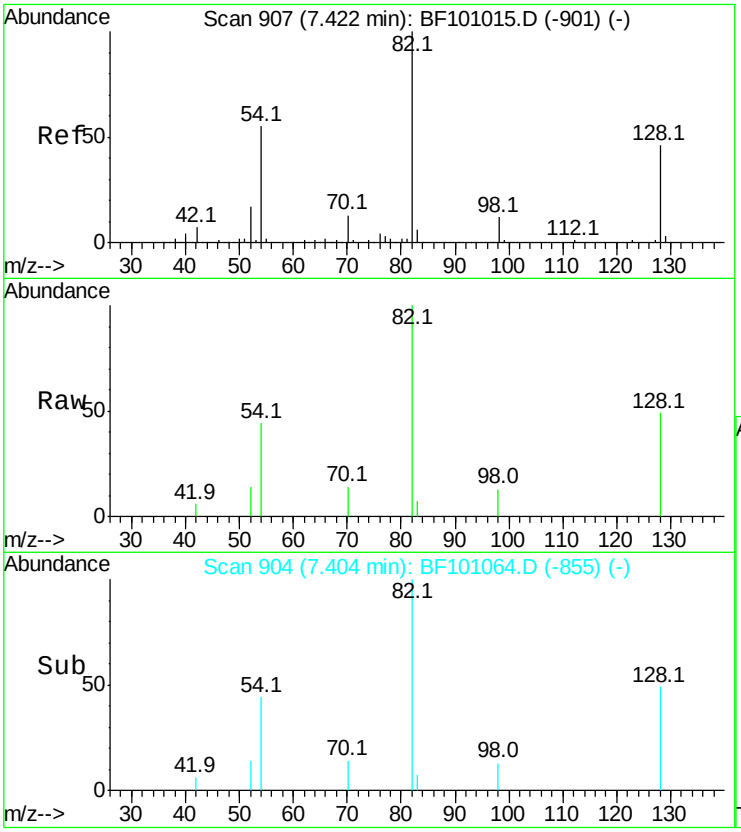


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:136 Resp: 172502

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.9	6.6	9.8
68	4.5	5.0	7.4#



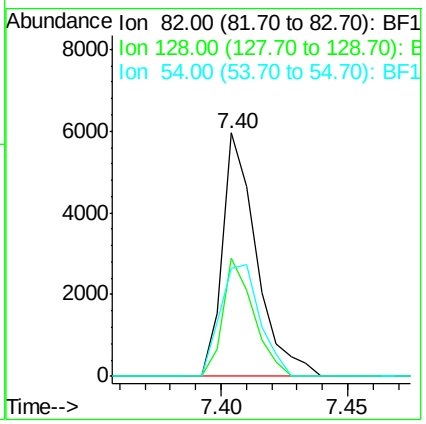


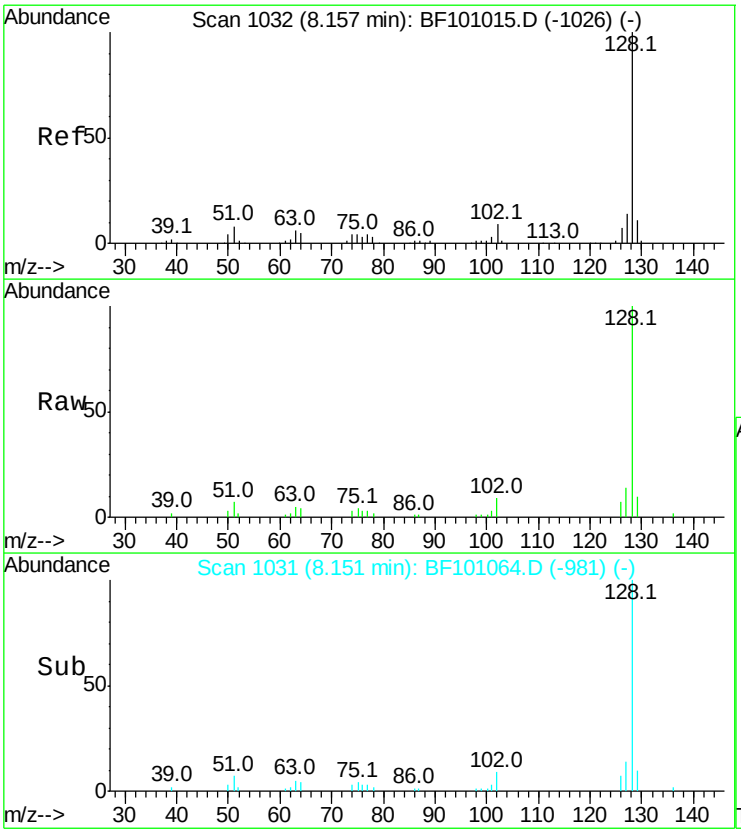
#23
Nitrobenzene-d5
Concen: 1.932 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument : BNA_F
ClientSampleId : SU-03-112917DL

Tgt Ion: 82 Resp: 5588

Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	44.3	41.4	62.2

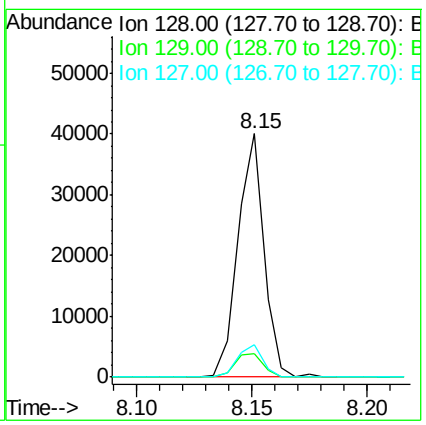


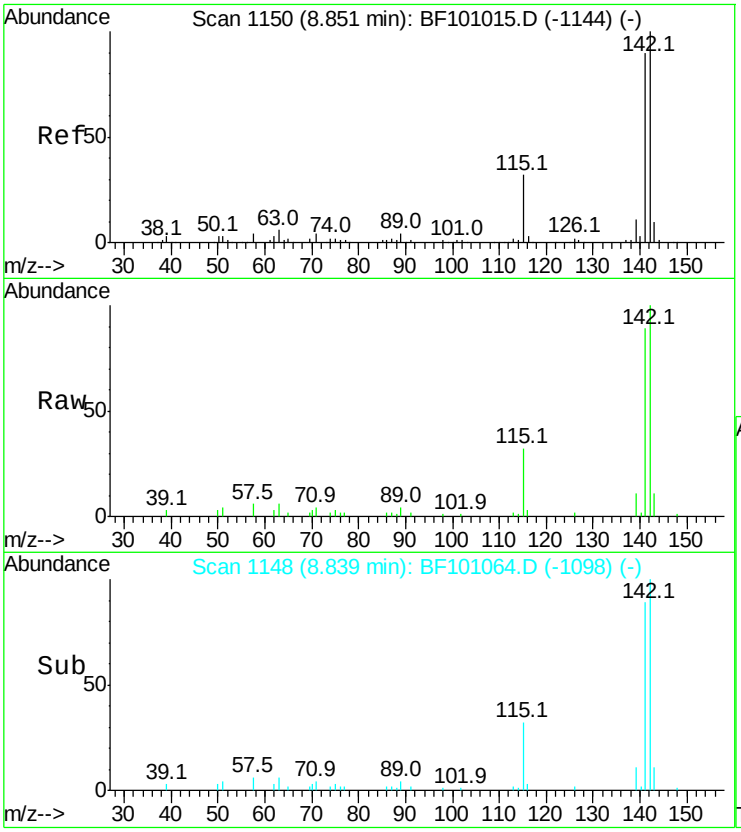


#31
Naphthalene
Concen: 3.717 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:128 Resp: 31599

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.8	13.2
127	13.6	10.9	16.3



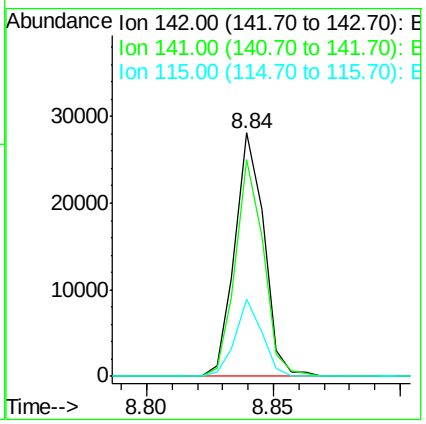


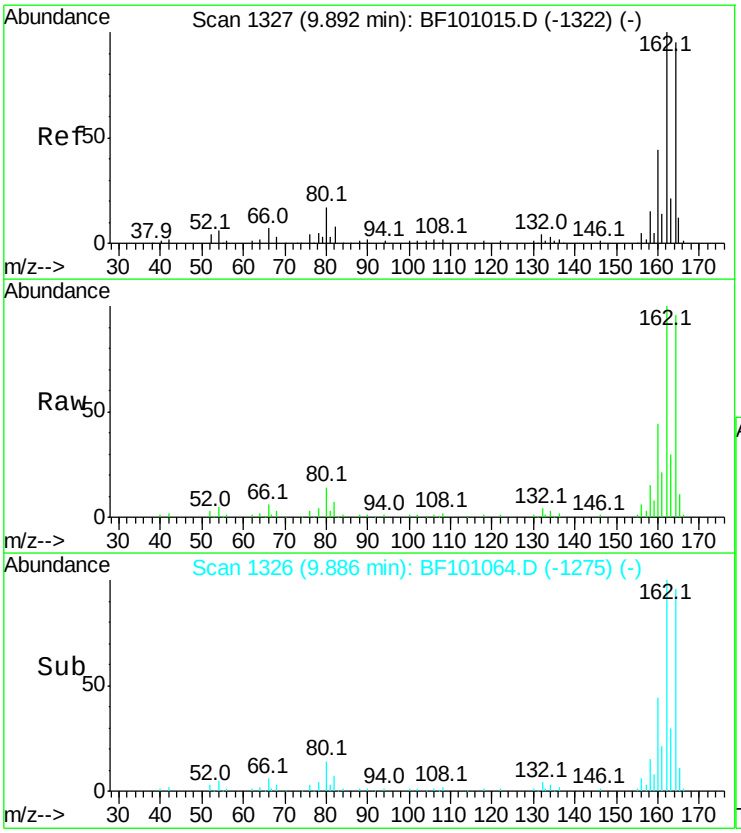
#37
2-Methylnaphthalene
Concen: 3.898 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:142 Resp: 22517

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	31.6	26.1	39.1

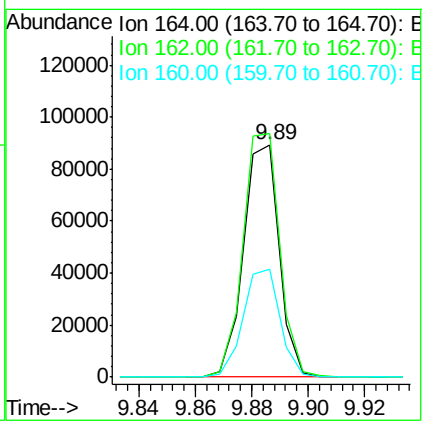


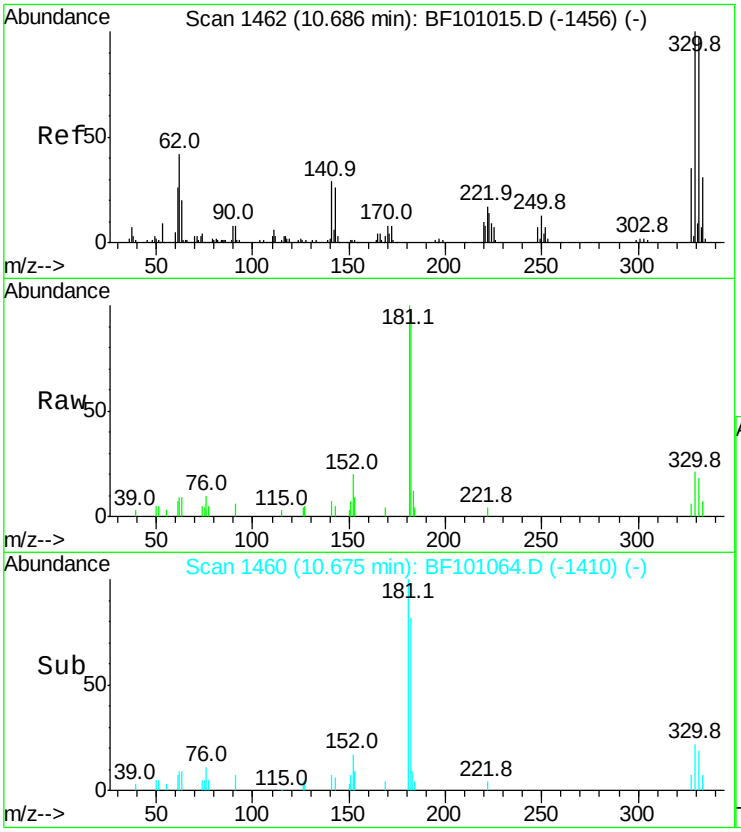


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:164 Resp: 78581

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.5	38.3	57.5



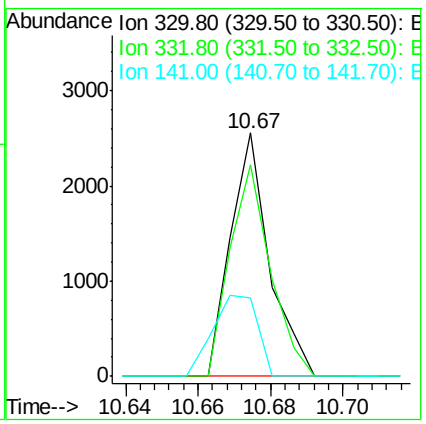


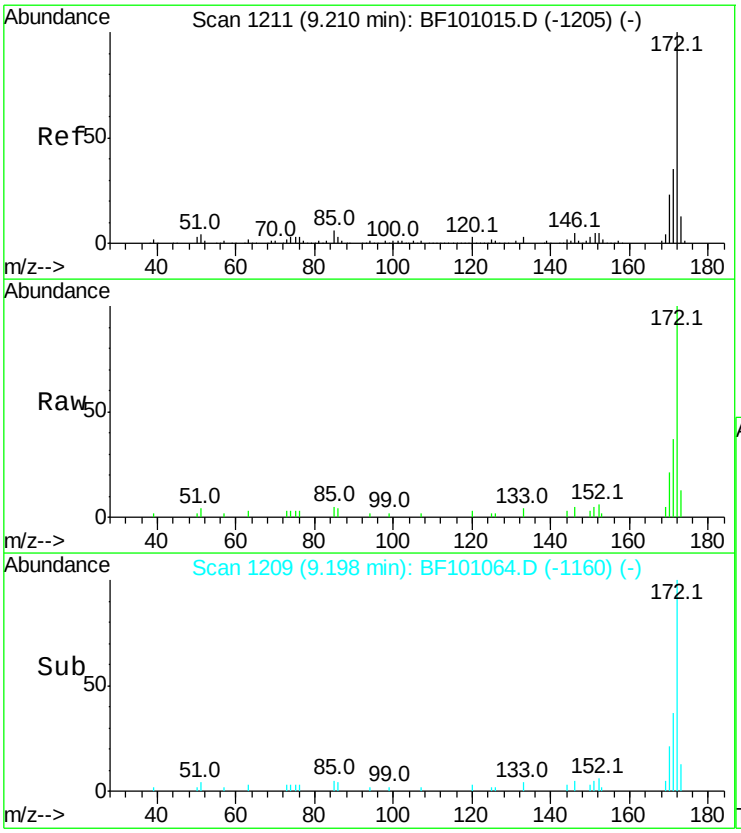
#41
2,4,6-Tribromophenol
Concen: 2.013 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:330 Resp: 1900

Ion	Ratio	Lower	Upper
330	100		
332	90.7	77.0	115.6
141	38.3	29.9	44.9

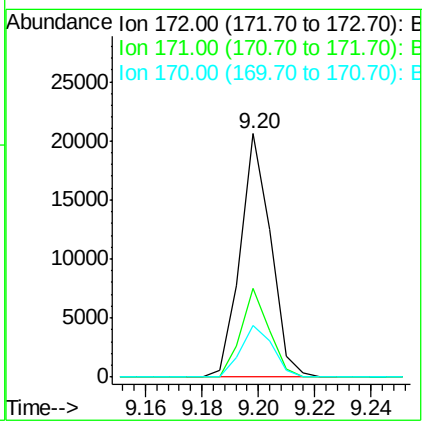


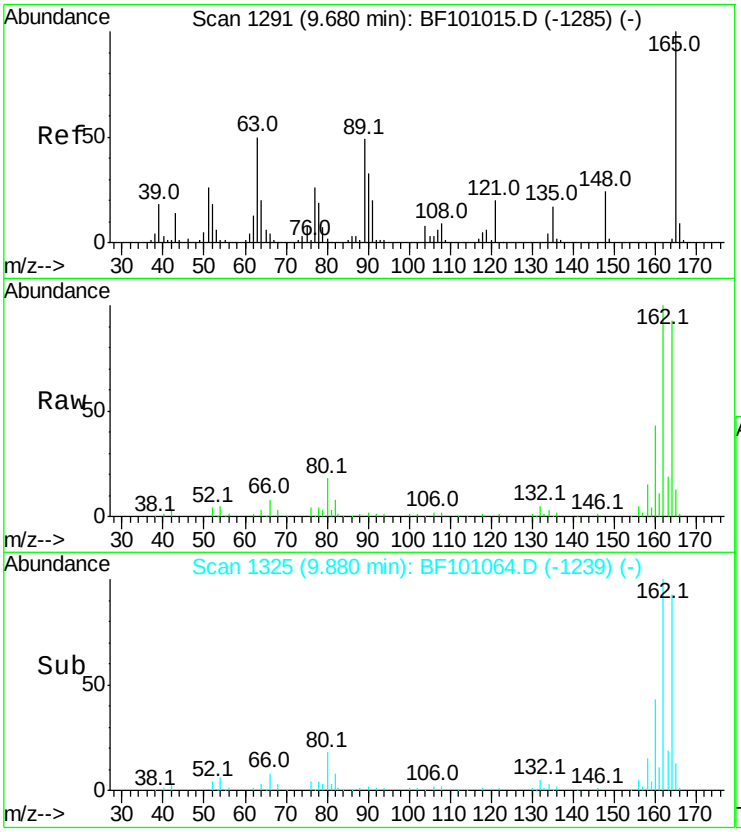


#44
2-Fluorobiphenyl
Concen: 2.673 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:172 Resp: 15352

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	21.0	19.6	29.4



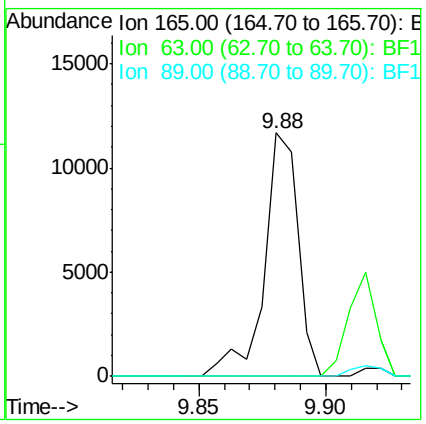


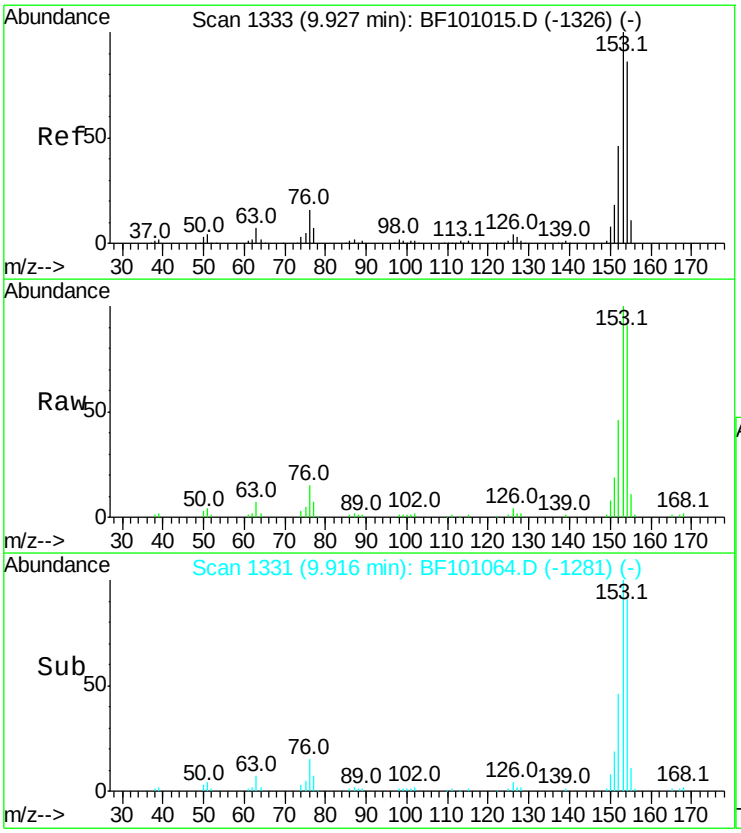
#50
2,6-Dinitrotoluene
Concen: 8.101 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:165 Resp: 10813

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

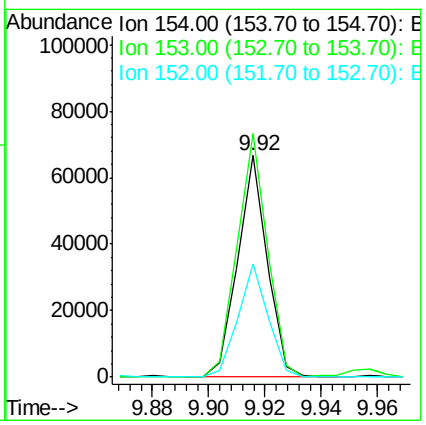


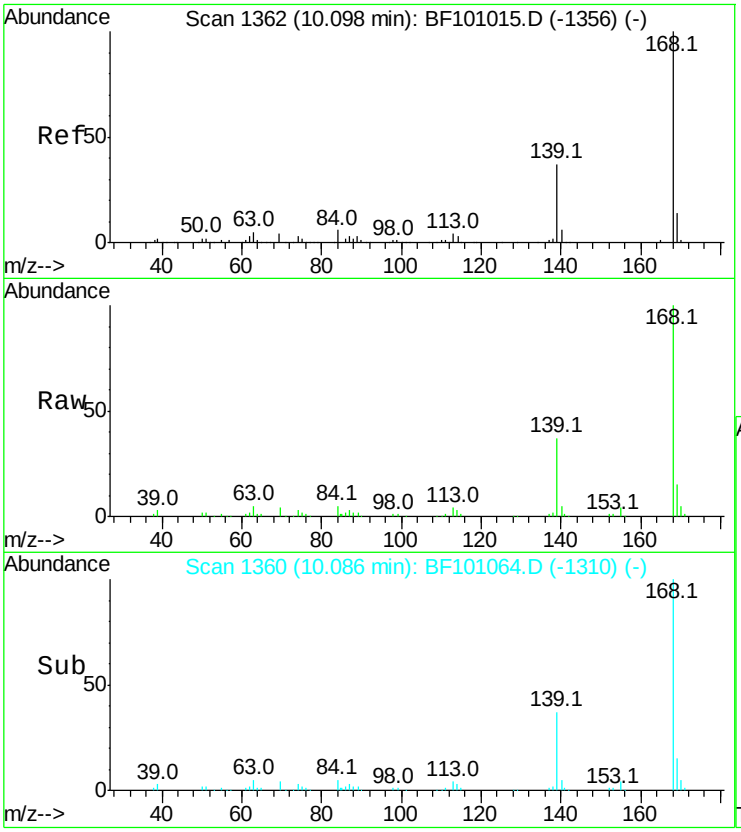


#51
Acenaphthene
Concen: 9.556 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:154 Resp: 48081

Ion	Ratio	Lower	Upper
154	100		
153	110.0	91.2	136.8
152	51.0	43.8	65.8



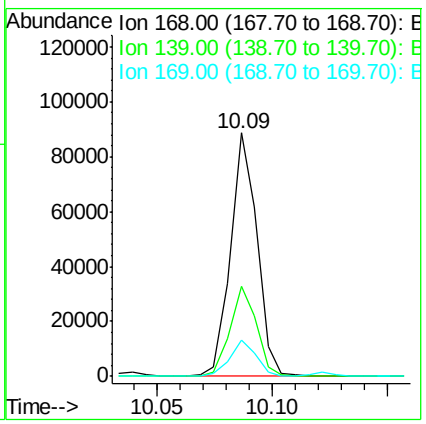


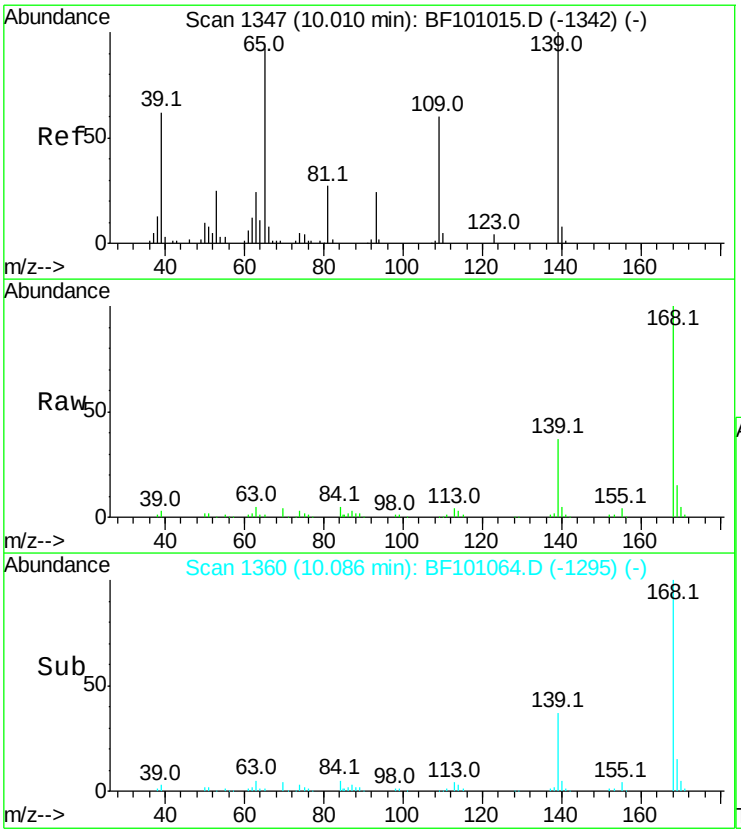
#54
Dibenzofuran
Concen: 9.767 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:168 Resp: 70819

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	14.6	10.9	16.3

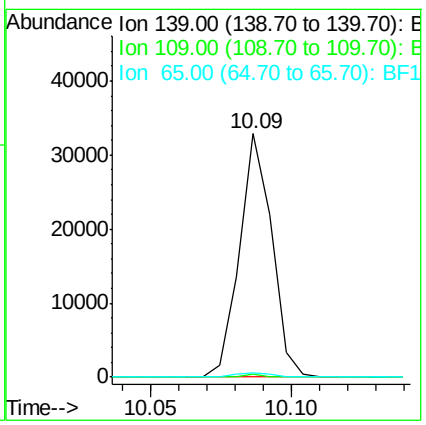


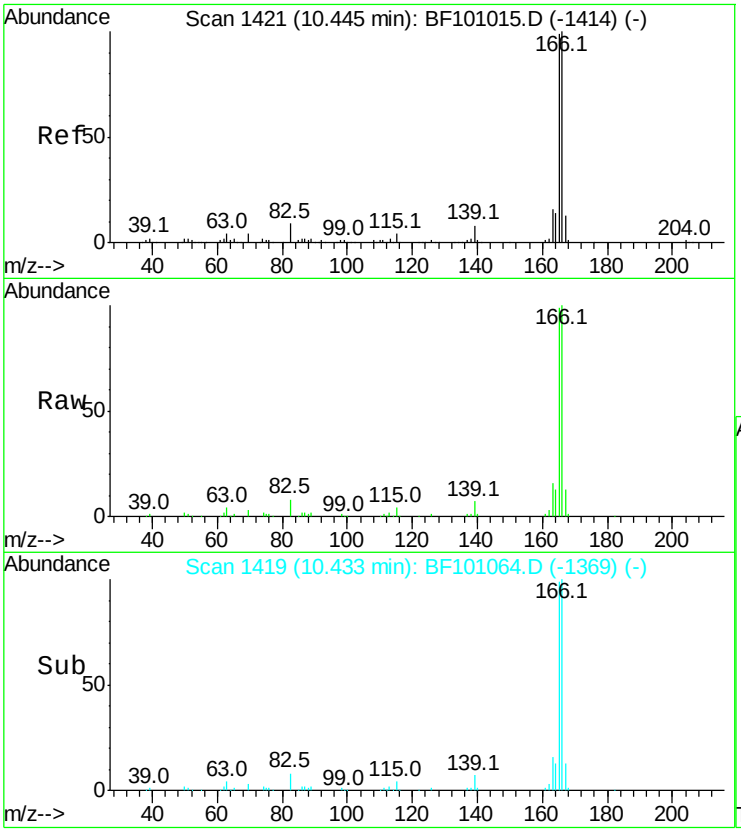


#55
4-Nitrophenol
Concen: 25.764 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.08 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:139 Resp: 26081

Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.4	88.4#
65	1.7	72.6	112.6#



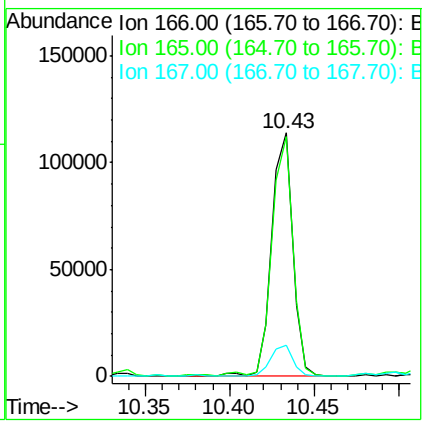


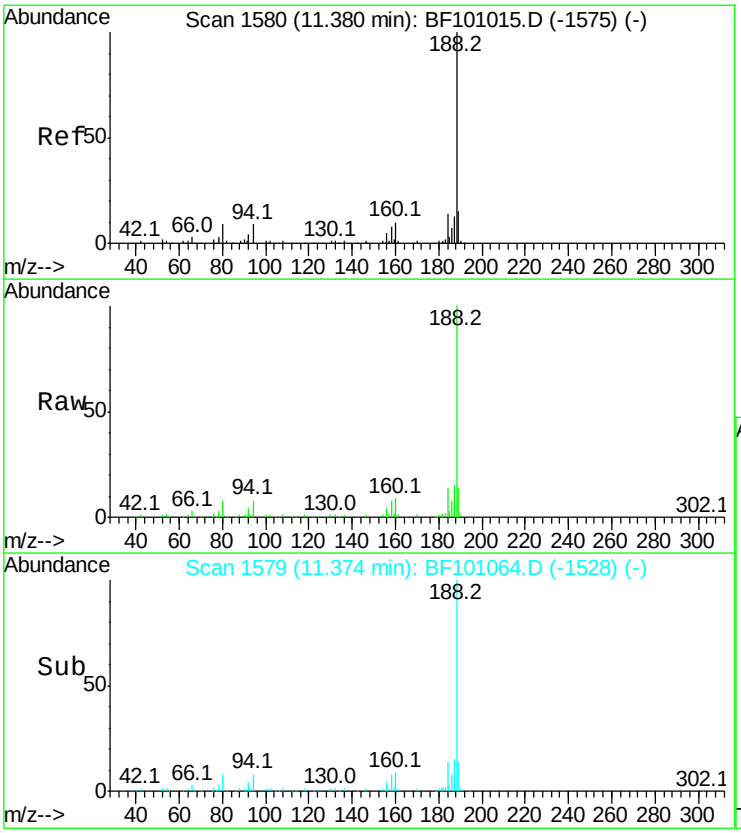
#57
Fluorene
Concen: 16.694 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:166 Resp: 98399

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	12.8	10.6	16.0

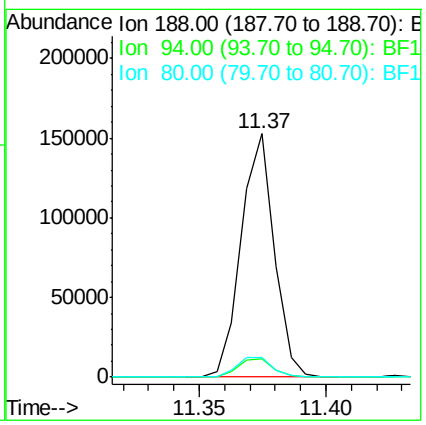


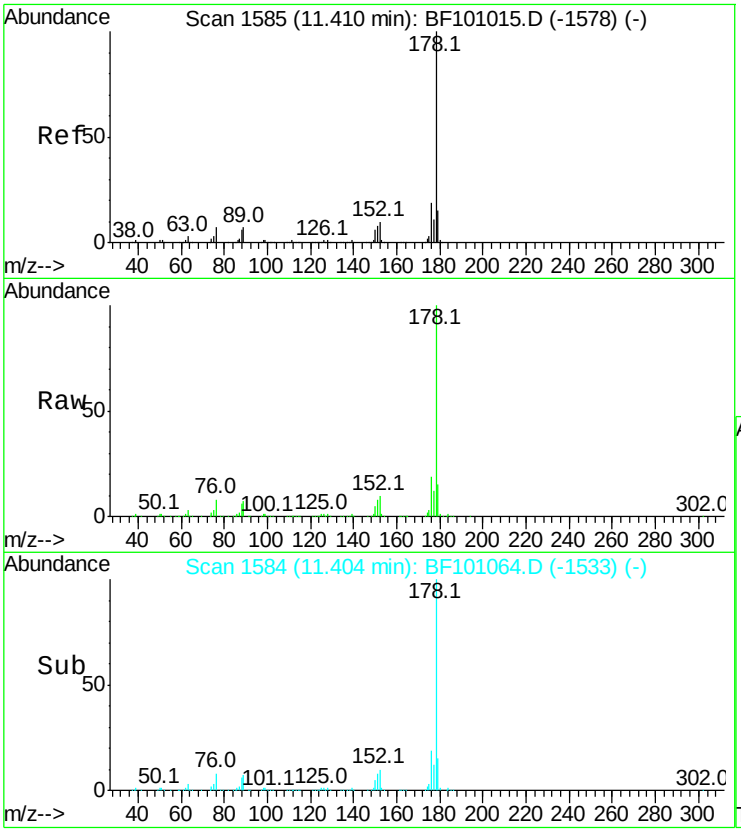


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:188 Resp: 138341

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.1	9.2	13.8#



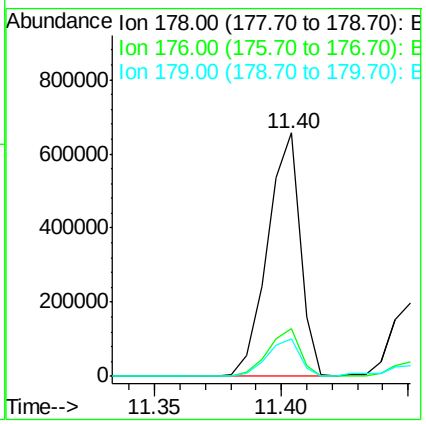


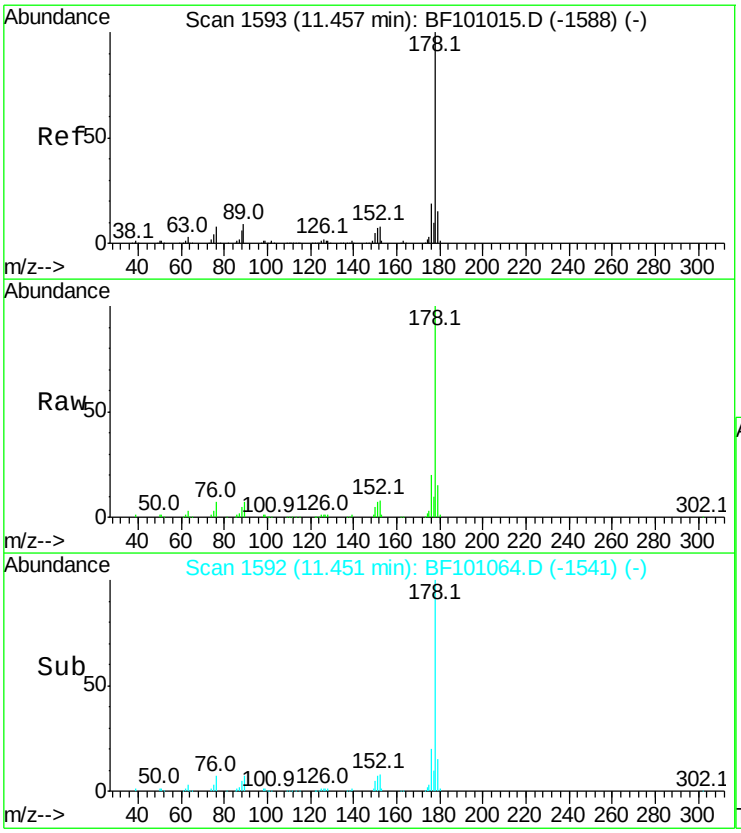
#70
Phenanthrene
Concen: 76.979 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:178 Resp: 586457

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	13.0	19.6

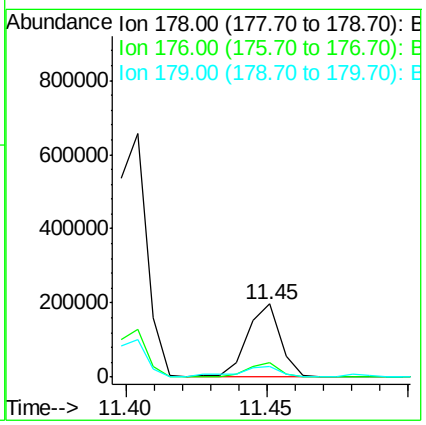


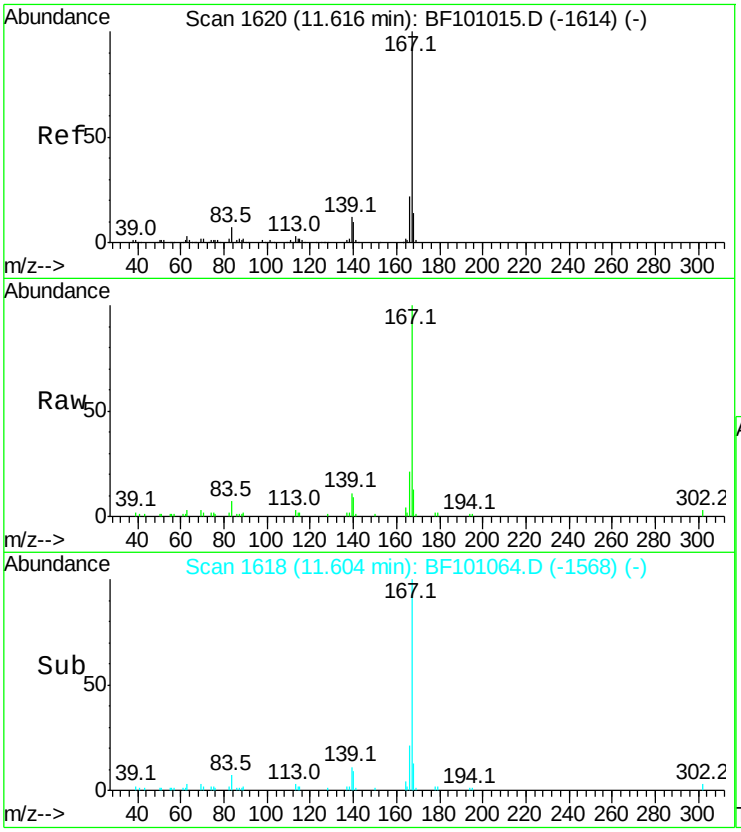


#71
Anthracene
Concen: 20.617 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:178 Resp: 158968

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.3	12.6	19.0



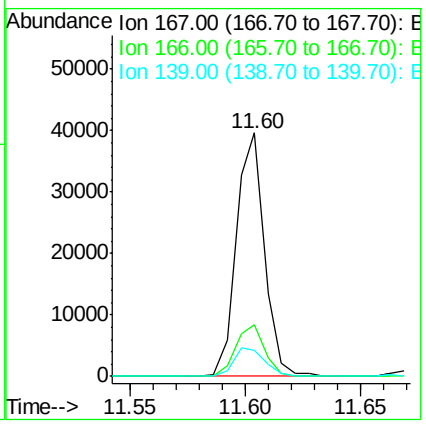


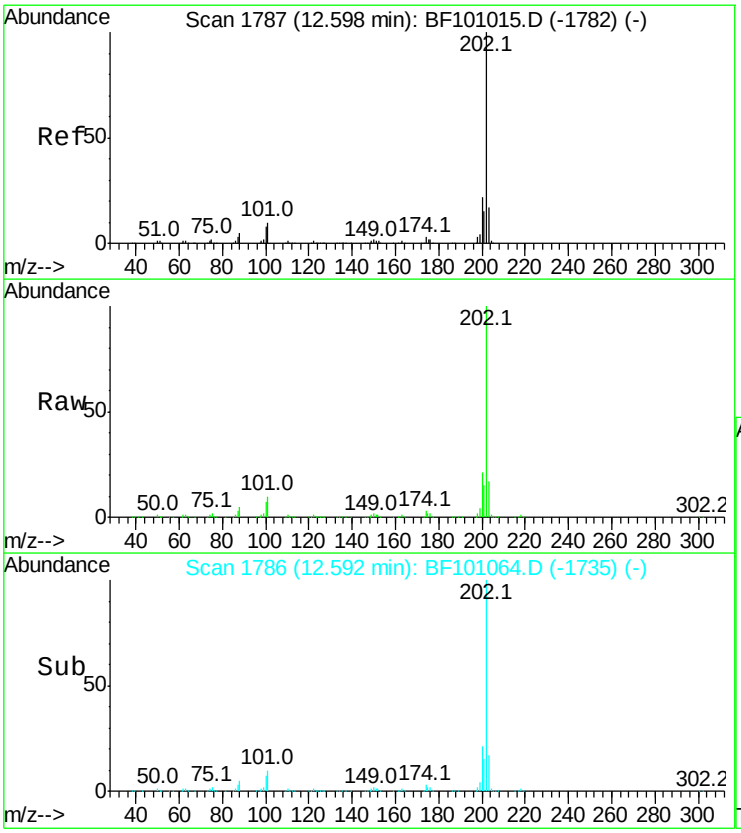
#72
Carbazole
Concen: 4.764 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:167 Resp: 33562

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	10.8	10.9	16.3#

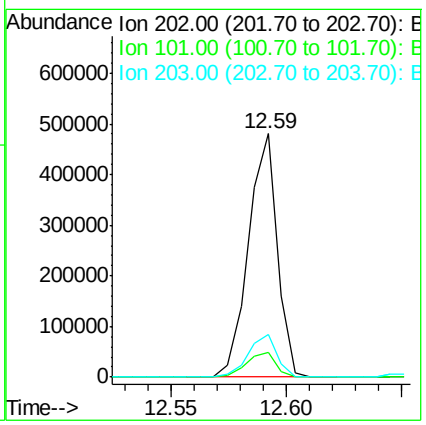


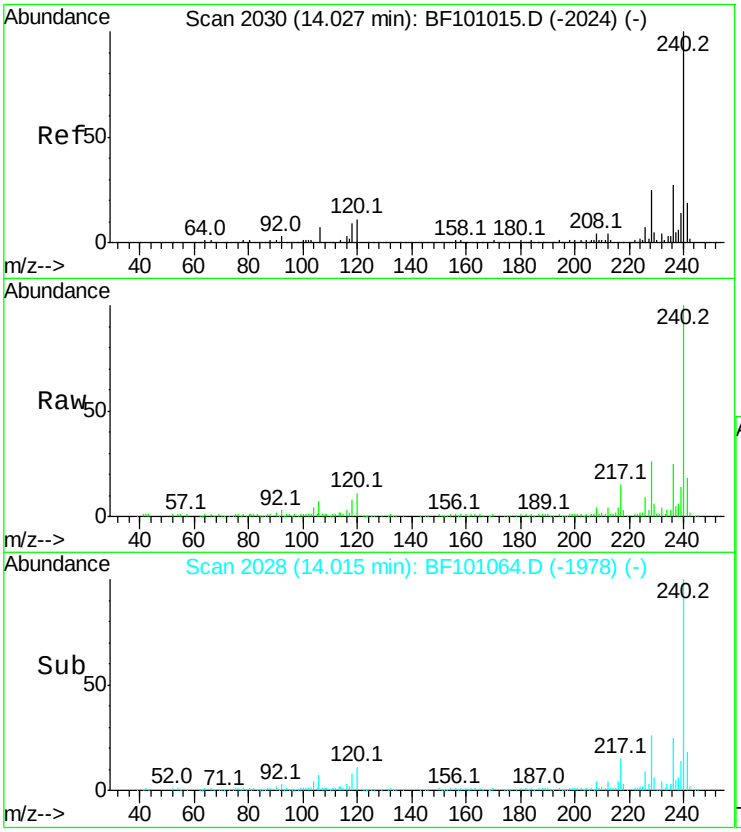


#74
Fluoranthene
Concen: 49.774 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:202 Resp: 420333

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.3	0.0	38.1



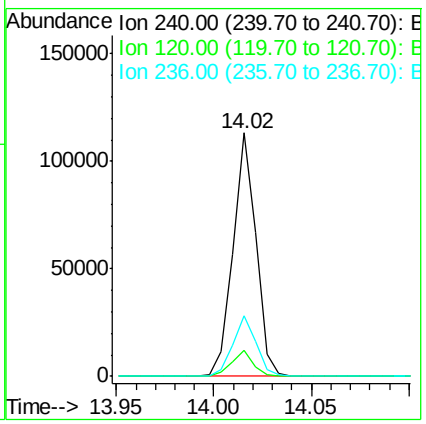


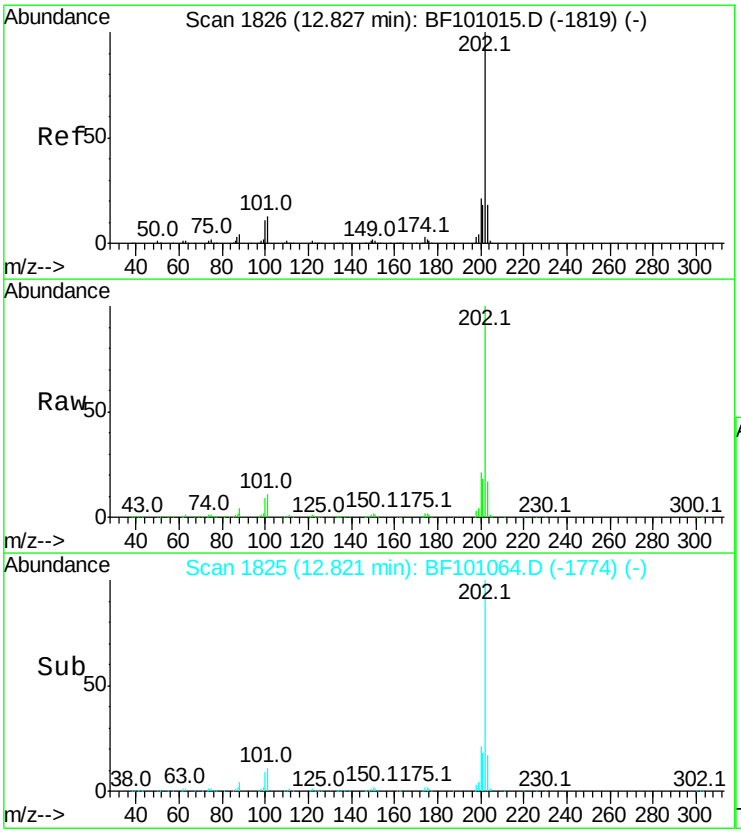
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:240 Resp: 92216

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.0	20.7	31.1

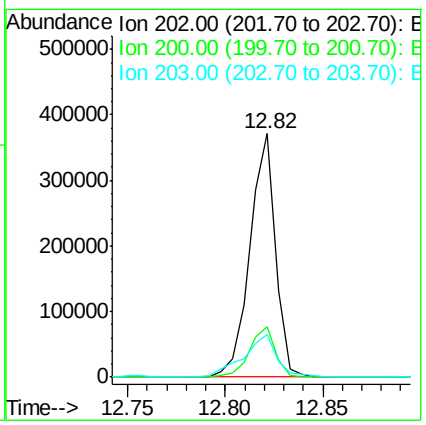


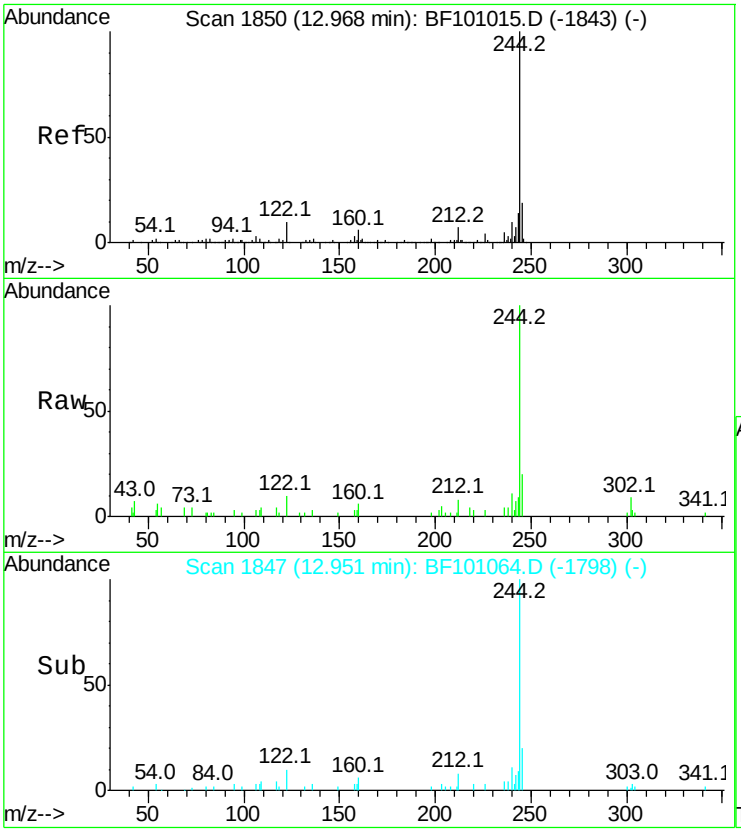


#77
Pyrene
Concen: 53.070 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:202 Resp: 337693

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



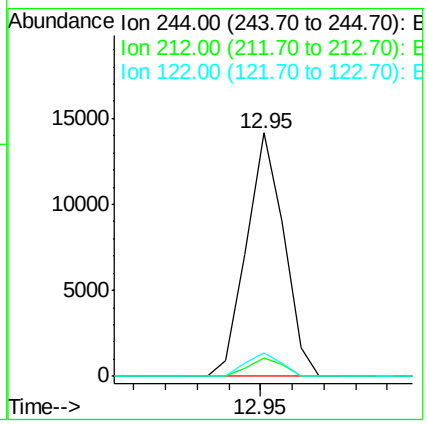


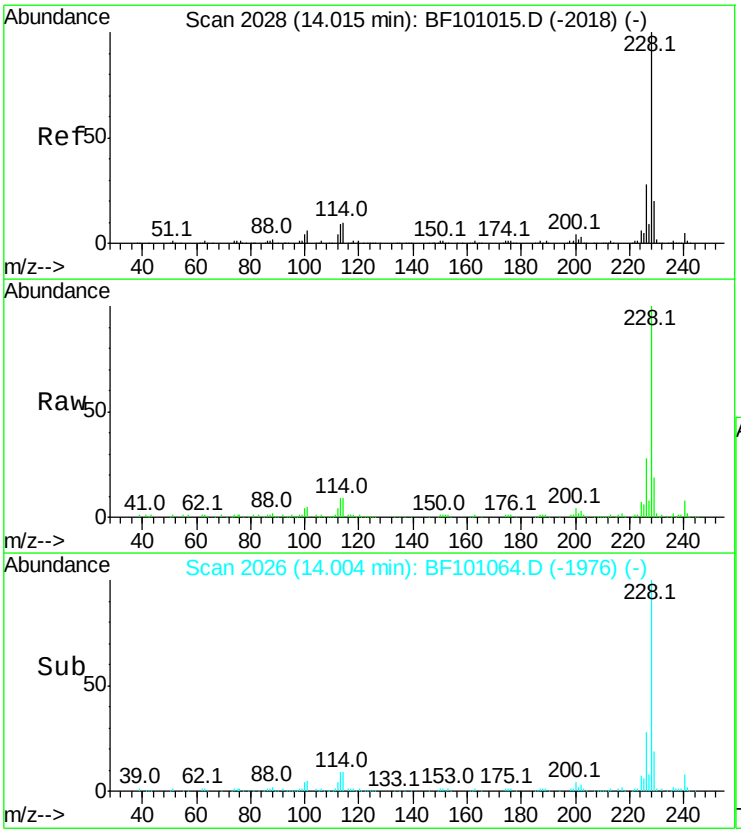
#78
Terphenyl-d14
Concen: 2.749 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:244 Resp: 11589

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	9.7	11.0	16.4#

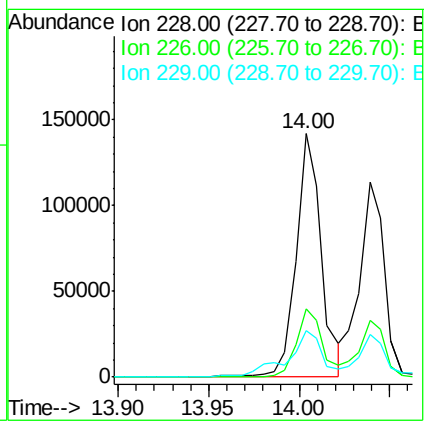


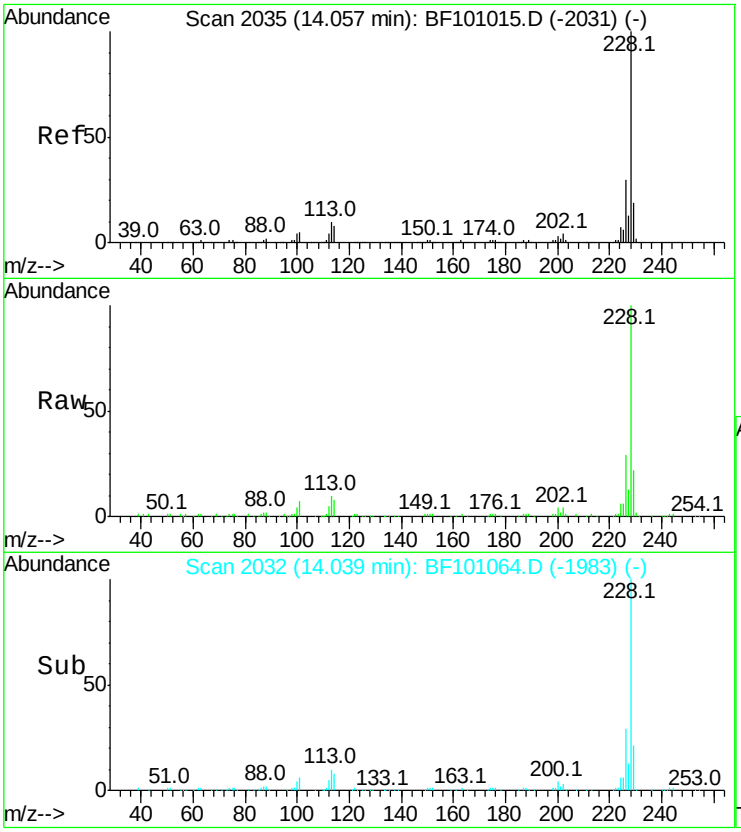


#80
Benzo(a)anthracene
Concen: 23.872 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:228 Resp: 138993

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.1	15.8	23.6



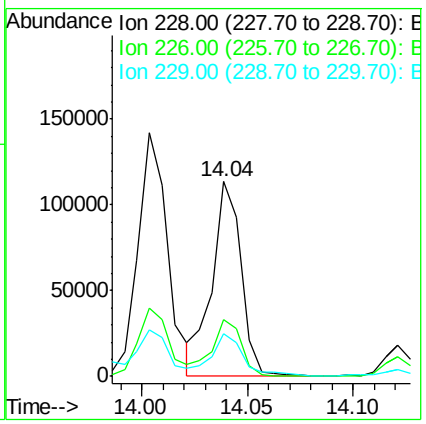


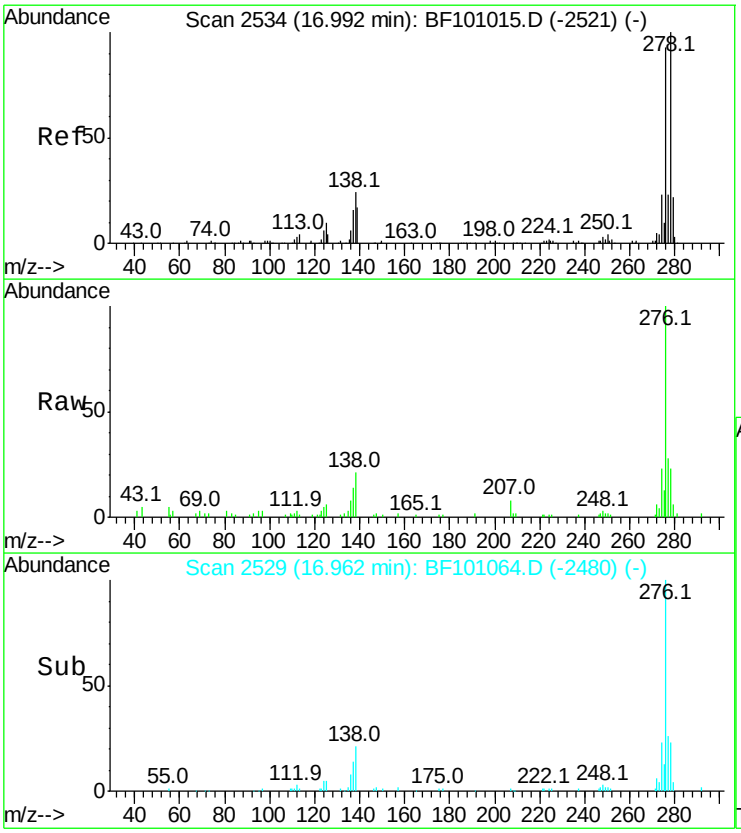
#82
Chrysene
Concen: 20.265 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:228 Resp: 109581

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	21.9	16.2	24.4

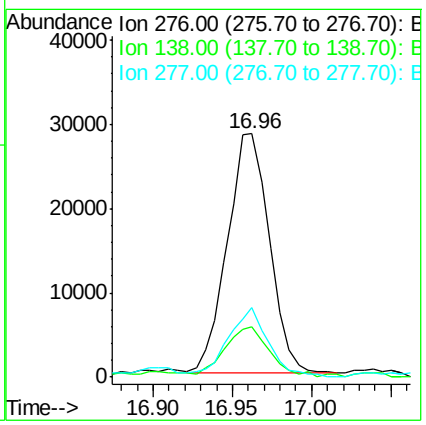


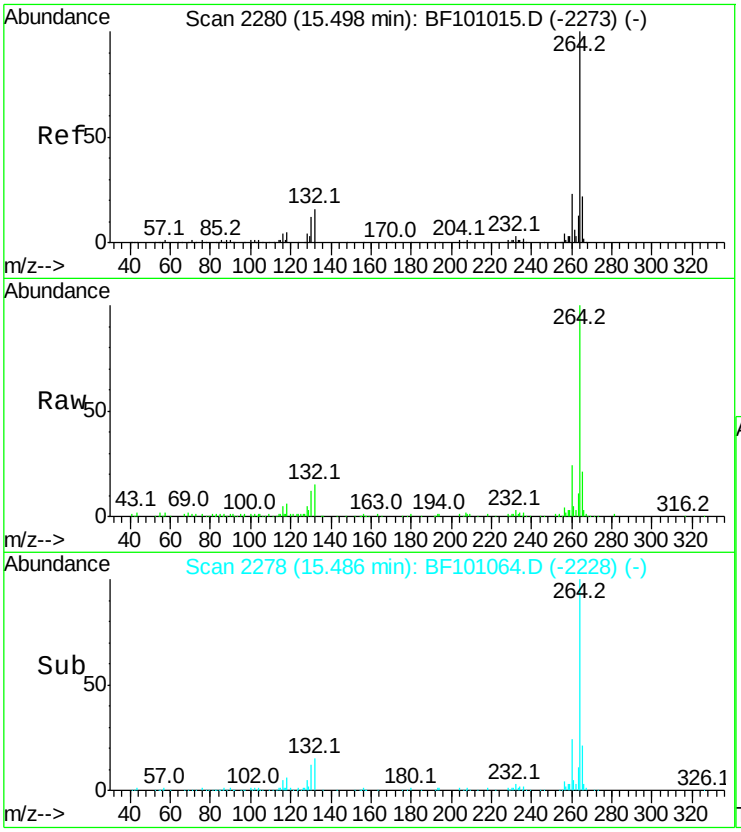


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.876 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:276 Resp: 52287

Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.0	37.6#
277	27.8	20.1	30.1



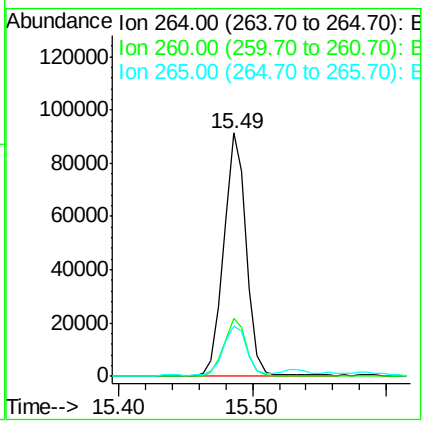


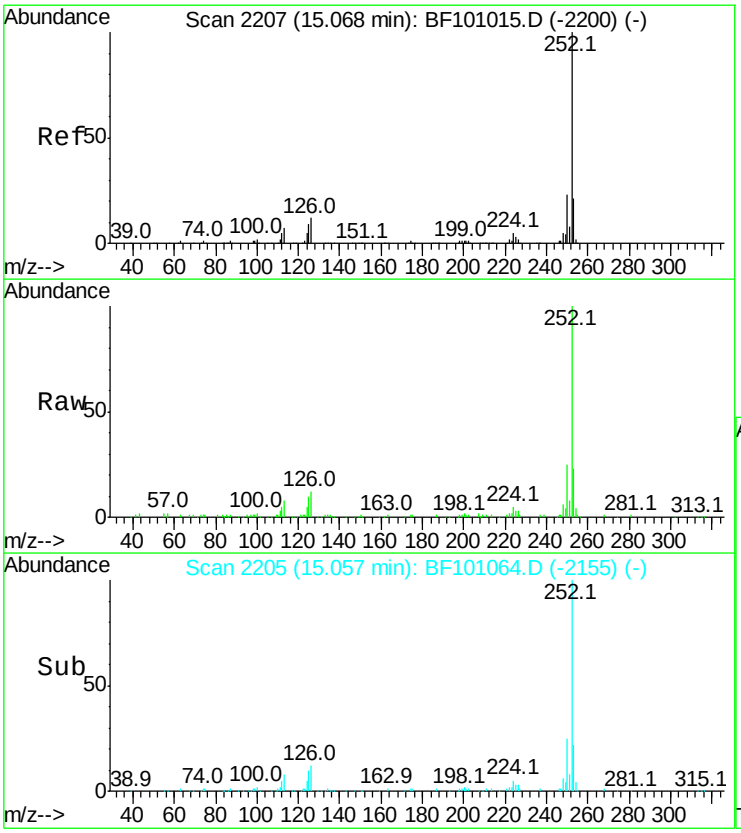
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:264 Resp: 109077

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.7	17.5	26.3

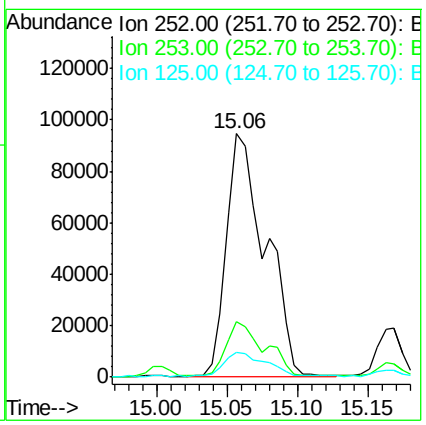


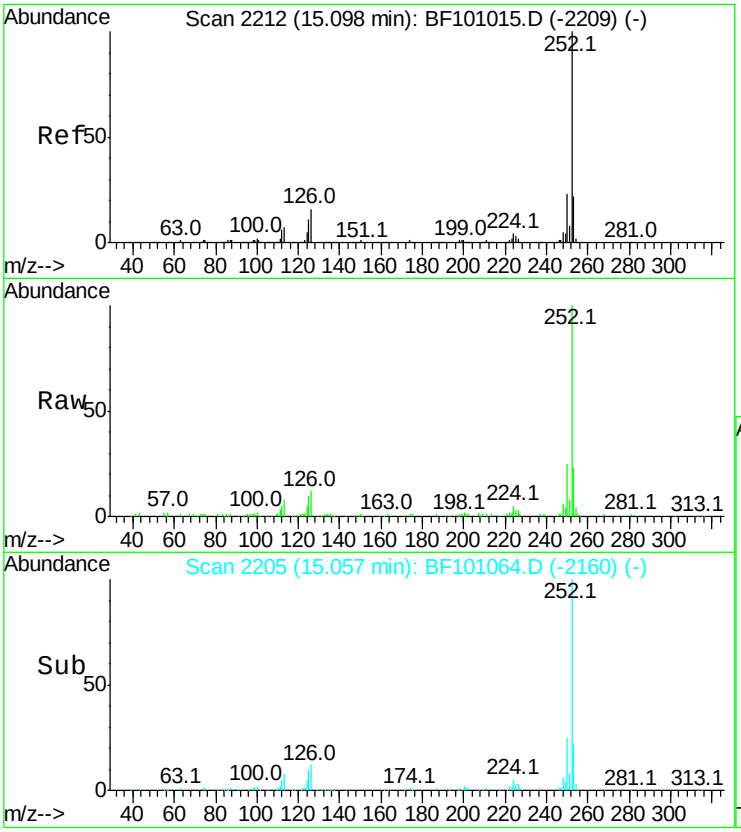


#87
Benzo(b)fluoranthene
Concen: 28.427 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:252 Resp: 185724

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.2	9.0	13.6



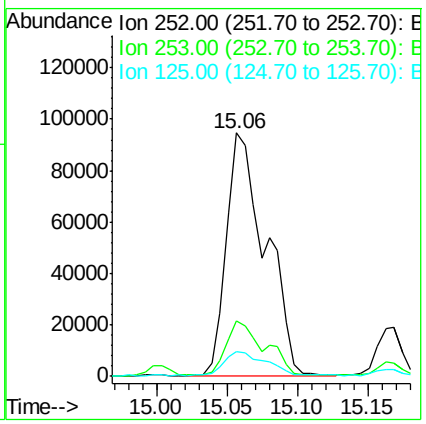


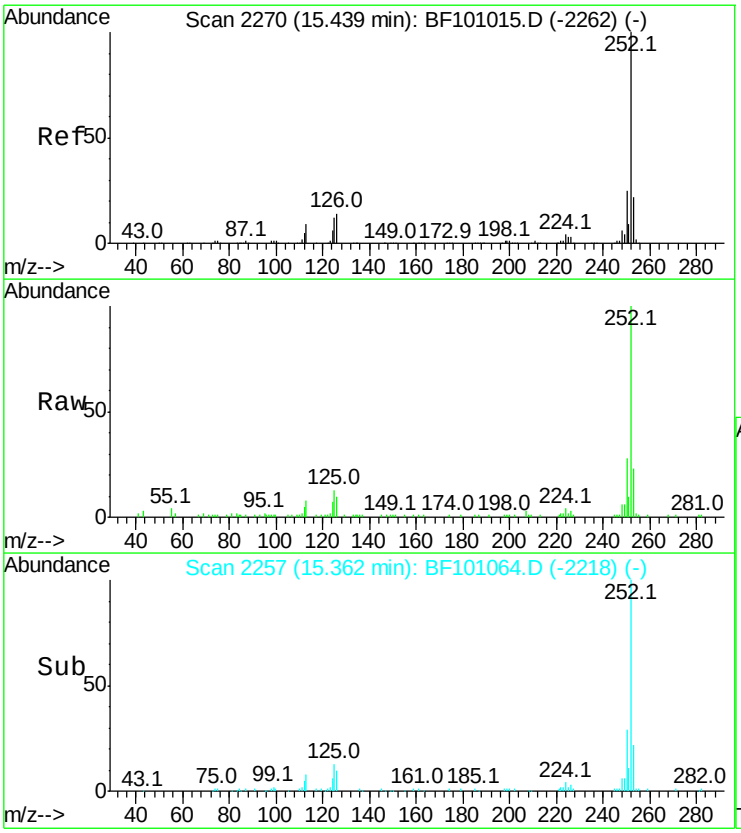
#88
Benzo(k)fluoranthene
Concen: 28.853 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:252 Resp: 185724

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.2	10.2	15.2

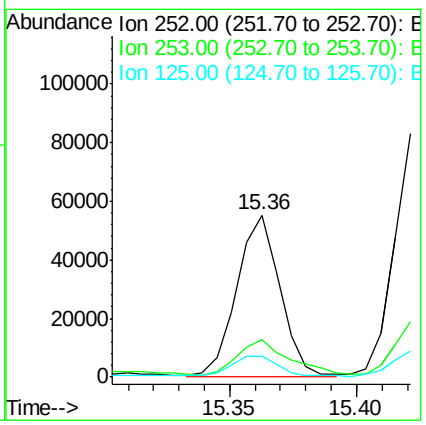


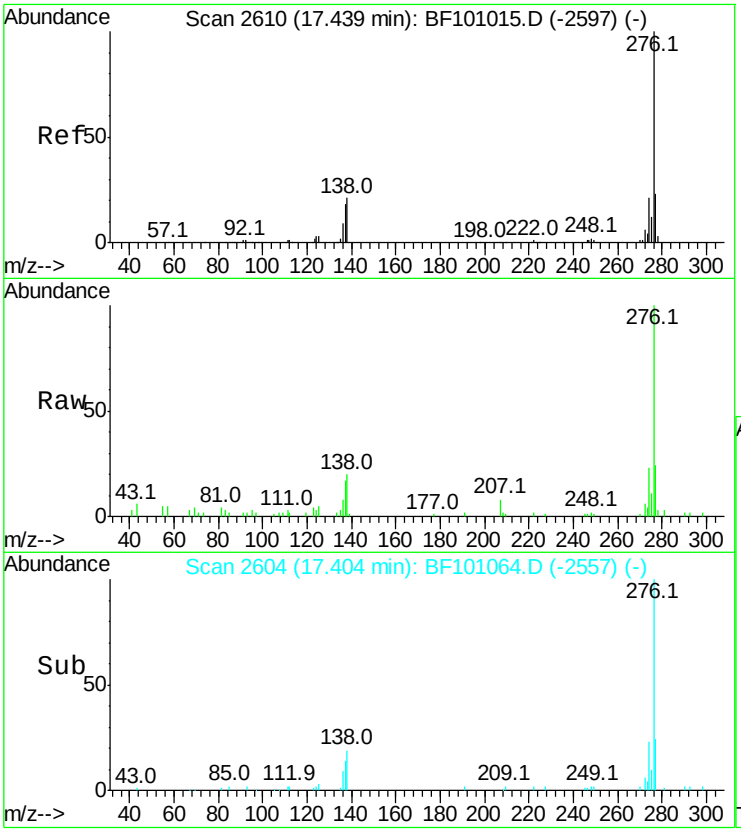


#89
Benzo(a)pyrene
Concen: 11.139 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.07 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Tgt Ion:252 Resp: 66163

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	13.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 9.911 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF101064.D
Acq: 1 Dec 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SU-03-112917DL

Tgt Ion:276 Resp: 48910

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	20.0	21.8	32.8#