Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098571.D
Acq On : 15 Sep 2017 16:01
Operator : SJ/JU
Sample : I5188-09DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-2-0-17.25DL

Quant Time: Sep 15 16:26:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 15 13:23:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	122032	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	477919	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	182582	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	283669	20.00	ng		0.00
75) Chrysene-d12	13.80	240	253446	20.00	ng		0.00
86) Perylene-d12	15.20	264	239986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	146254	17.72	ng		0.00
7) Phenol-d6	6.30	99	191796	18.30	ng		0.00
23) Nitrobenzene-d5	7.21	82	114116	13.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	20487	16.81	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	202769	18.82	ng		0.00
78) Terphenyl-d14	12.75	244	133978	11.41	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	14812	2.247	ng	#	79
25) Isophorone	7.21	82	114116	6.579	ng	#	67
50) 2,6-Dinitrotoluene	9.68	165	23653	8.147	ng	#	34
55) 4-Nitrophenol	9.89	139	5089	2.528	ng	#	25
56) 2,4-Dinitrotoluene	9.68	165	23653	6.702	ng	#	33
57) Fluorene	10.23	166	26801	2.228	ng		98
70) Phenanthrene	11.19	178	272562	18.125	ng		97
71) Anthracene	11.24	178	67316	4.360	ng		99
74) Fluoranthene	12.37	202	391175	25.984	ng		98
77) Pyrene	12.60	202	322086	16.110	ng		100
80) Benzo(a)anthracene	13.79	228	178926	12.042	ng		98
82) Chrysene	13.82	228	141637	9.430	ng		96
85) Indeno(1,2,3-cd)pyrene	16.54	276	52405	4.973	ng		93
87) Benzo(b)fluoranthene	14.81	252	247860	16.426	ng		97
88) Benzo(k)fluoranthene	14.81	252	247860	17.595	ng		95
89) Benzo(a)pyrene	15.14	252	121588	9.045	ng		97
91) Benzo(g,h,i)perylene	16.94	276	48236	4.904	ng	#	91

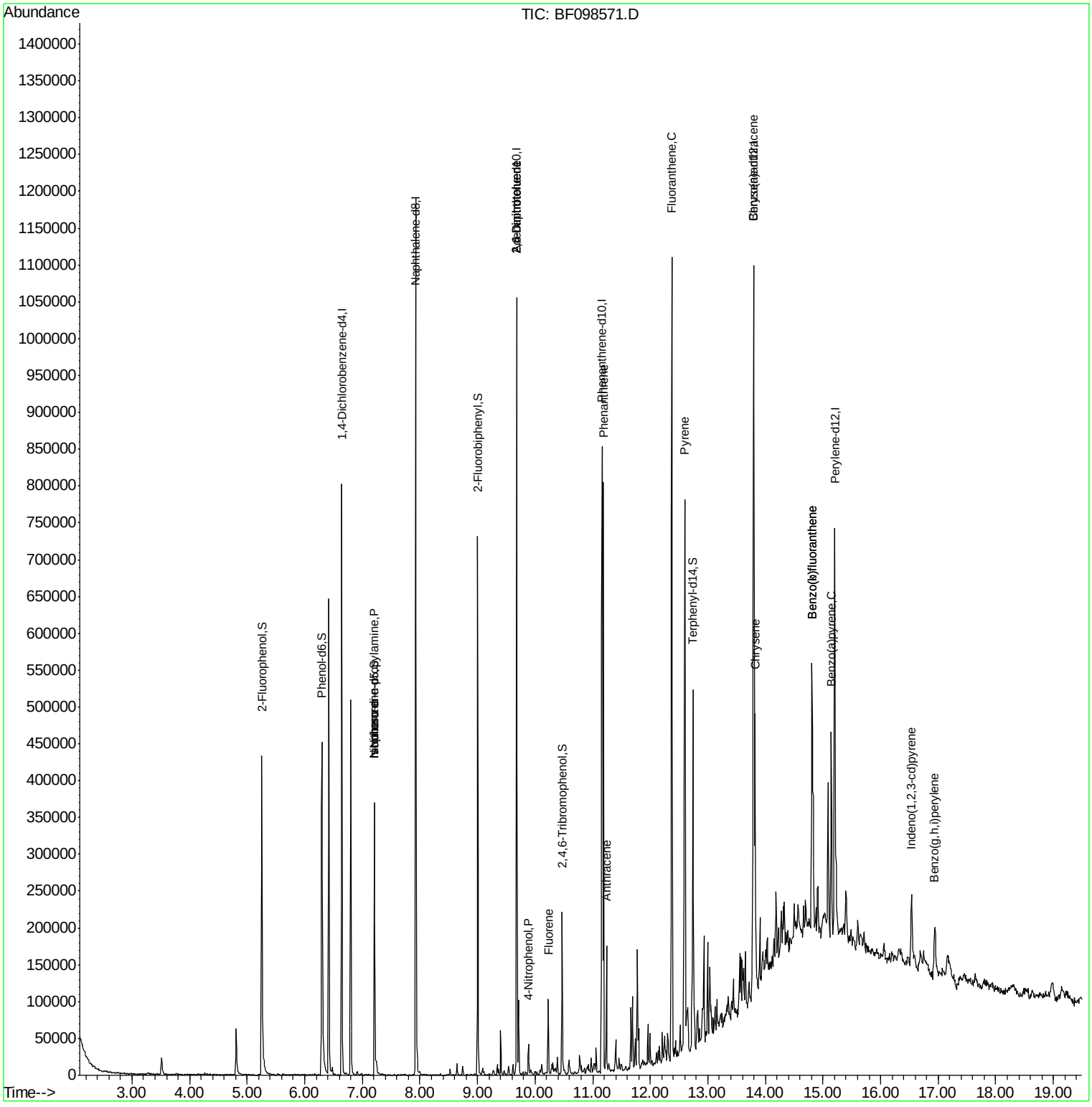
(#) = qualifier out of range (m) = manual integration (+) = signals summed

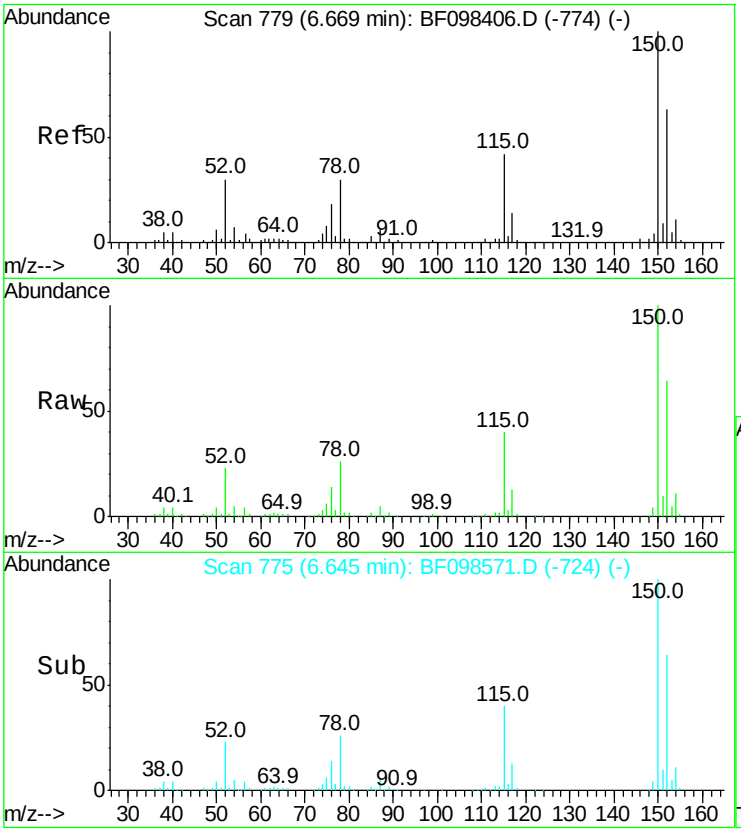
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098571.D
Acq On : 15 Sep 2017 16:01
Operator : SJ/JU
Sample : I5188-09DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Quant Time: Sep 15 16:26:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 15 13:23:10 2017
Response via : Initial Calibration



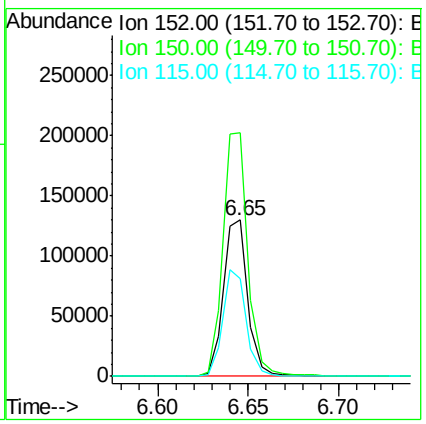


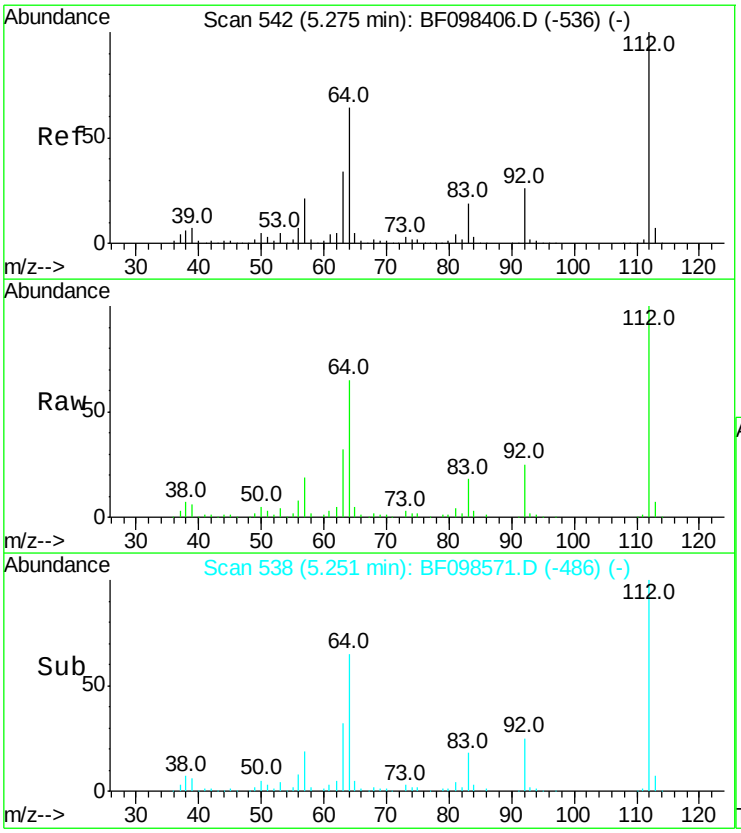
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:152 Resp: 122032

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	62.7	52.2	78.2

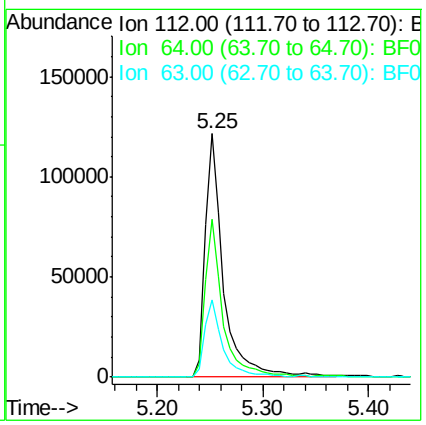


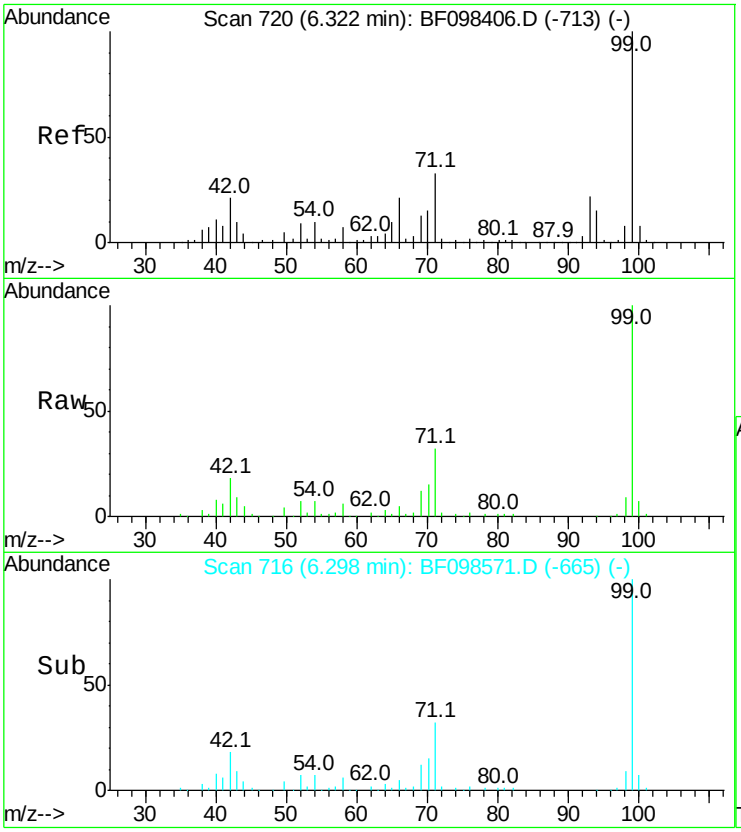


#5
2-Fluorophenol
Concen: 17.720 ng
RT: 5.25 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:112 Resp: 146254

Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	31.5	23.4	35.0



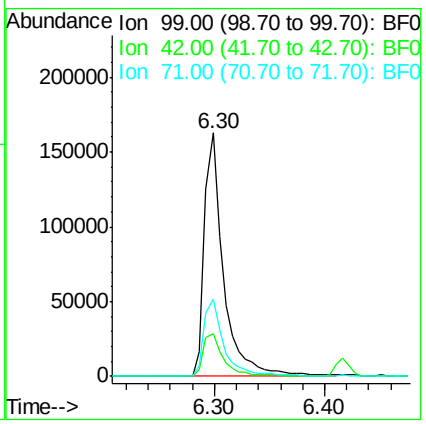


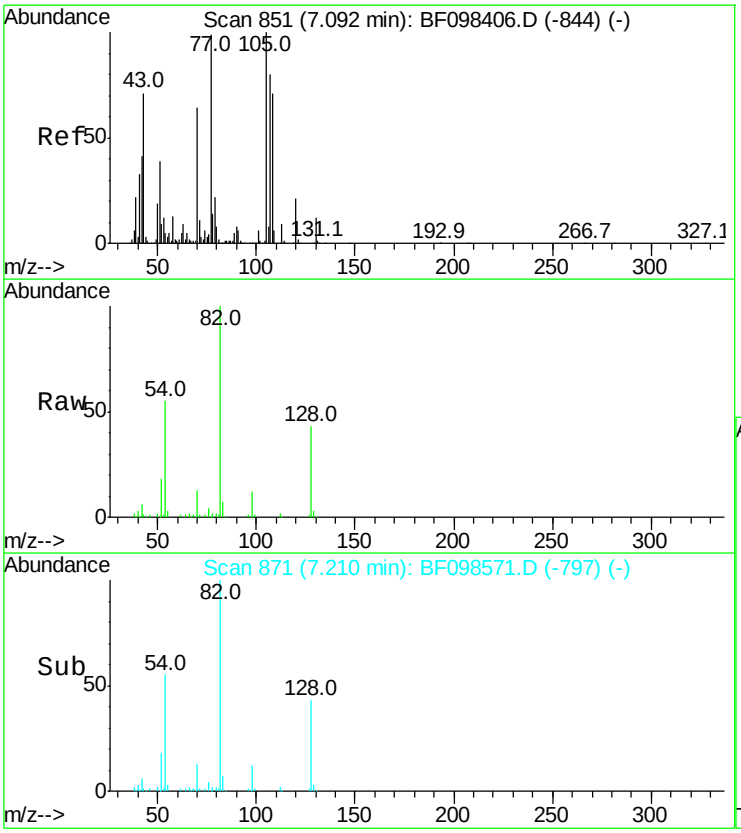
#7
Phenol-d6
Concen: 18.302 ng
RT: 6.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion: 99 Resp: 191796

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	31.8	24.5	36.7

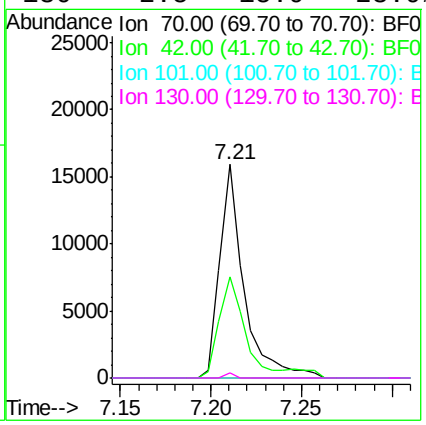


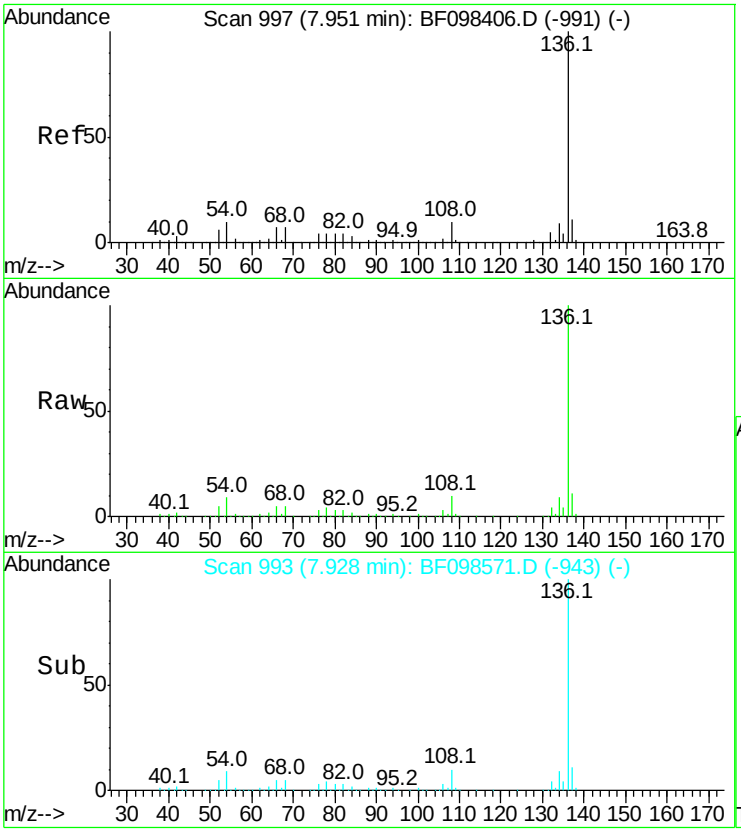


#19
n-Nitroso-di-n-propylamine
Concen: 2.247 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.14 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion: 70 Resp: 14812

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



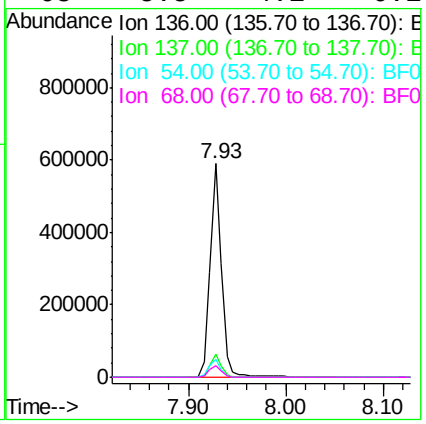


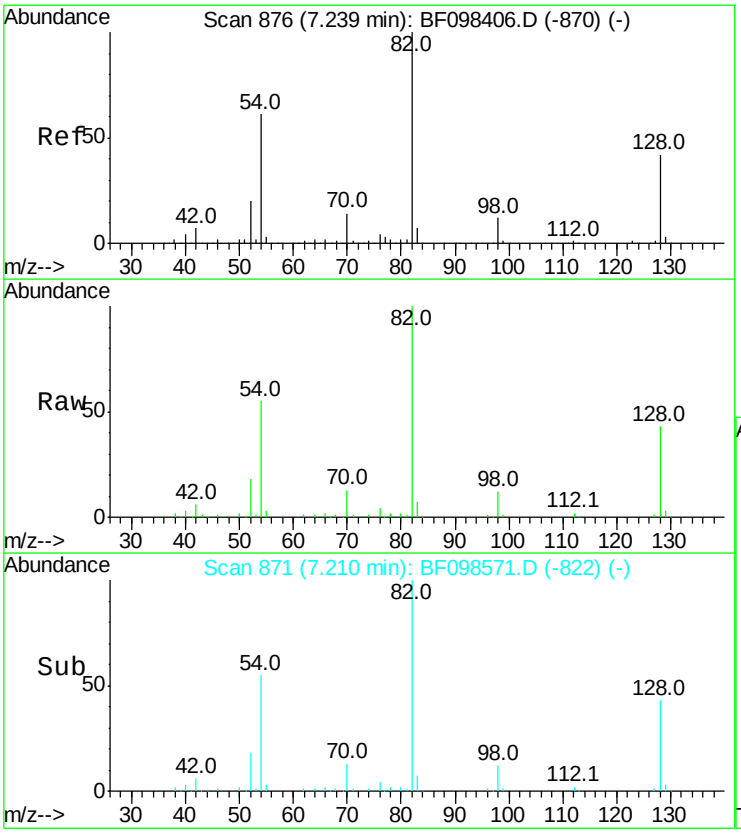
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:136 Resp: 477919

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.6	4.9	7.3#
68	5.5	4.1	6.1

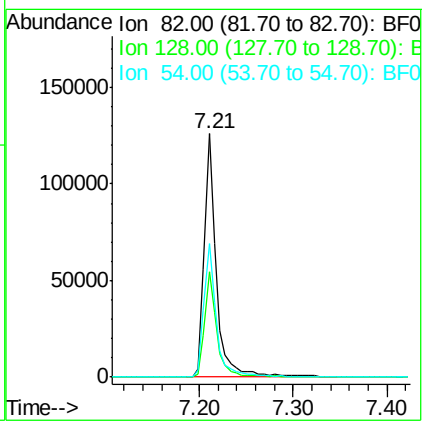


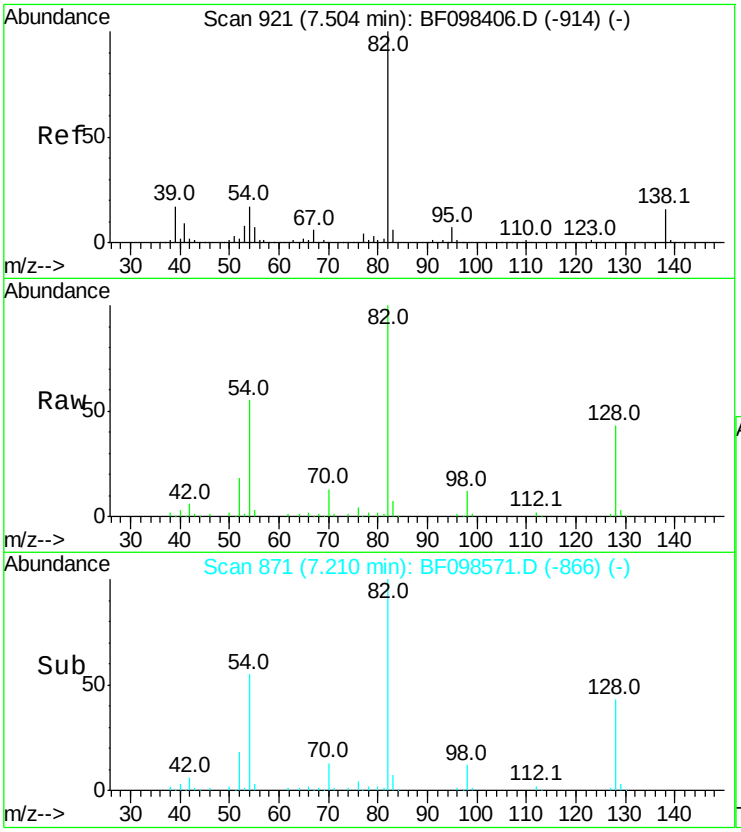


#23
Nitrobenzene-d5
Concen: 13.312 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion: 82 Resp: 114116

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	54.9	42.2	63.2



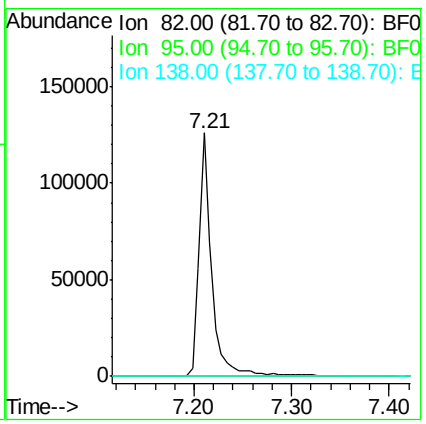


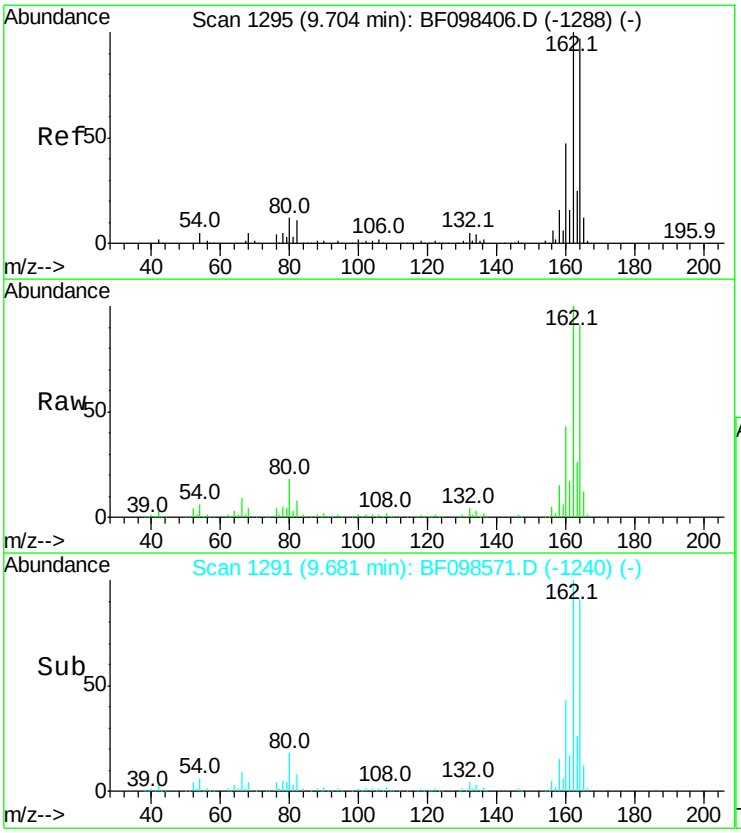
#25
Isophorone
Concen: 6.579 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion: 82 Resp: 114116

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

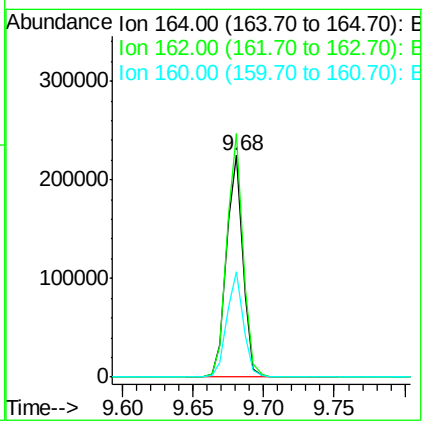


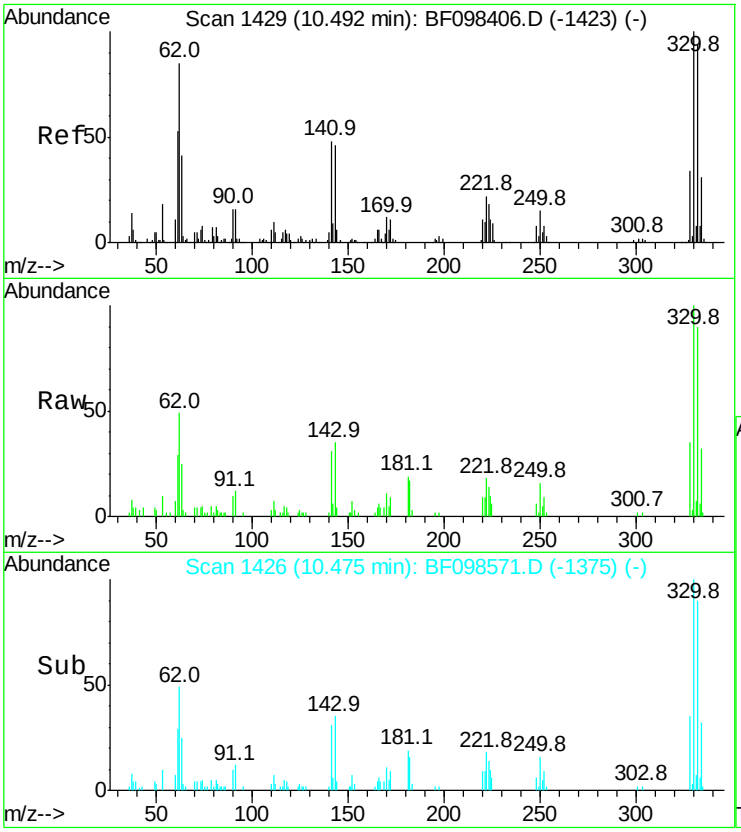


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:164 Resp: 182582

Ion	Ratio	Lower	Upper
164	100		
162	109.8	82.6	123.8
160	47.7	36.2	54.2



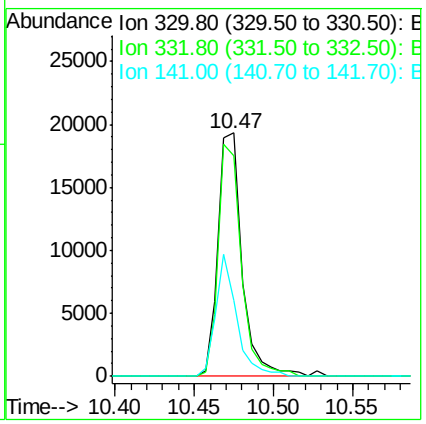


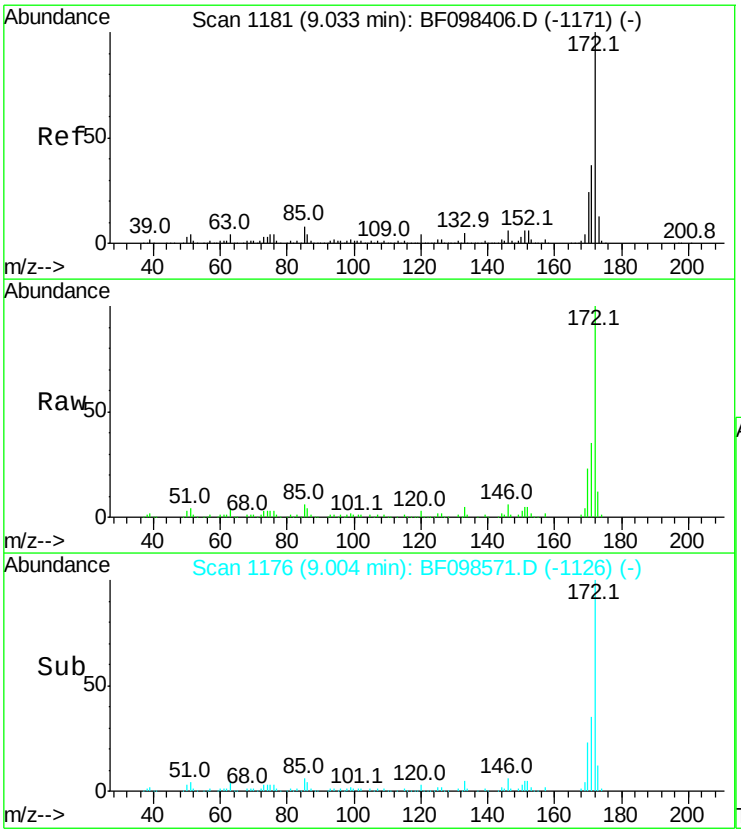
#41
2,4,6-Tribromophenol
Concen: 16.812 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:330 Resp: 20487

Ion	Ratio	Lower	Upper
330	100		
332	91.5	76.6	115.0
141	43.5	31.4	47.2

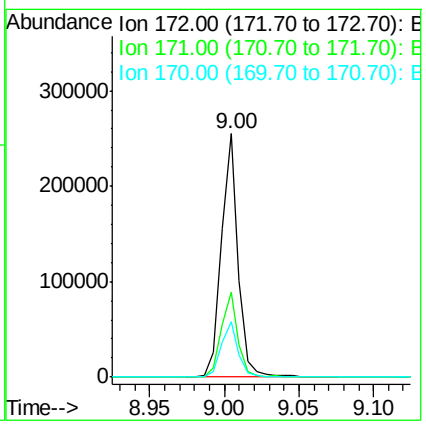


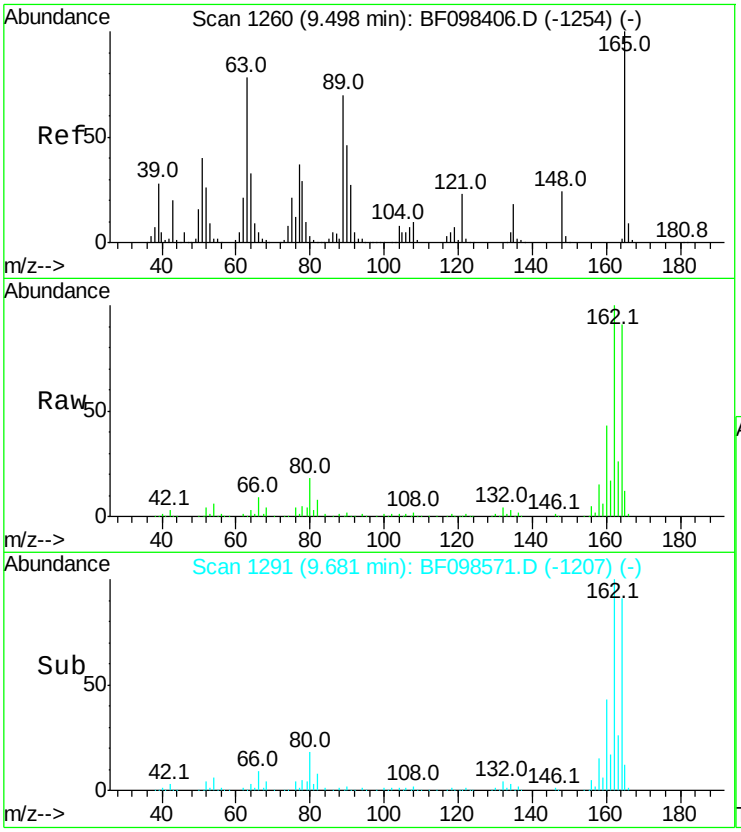


#44
2-Fluorobiphenyl
Concen: 18.823 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:172 Resp: 202769

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	22.9	19.8	29.8



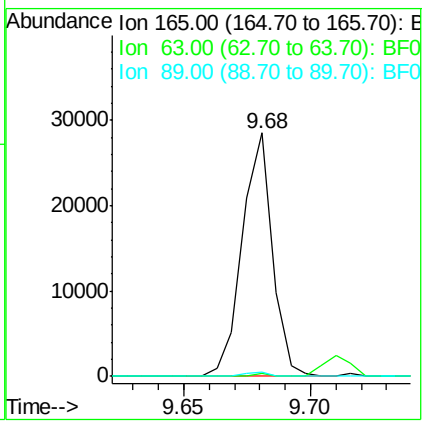


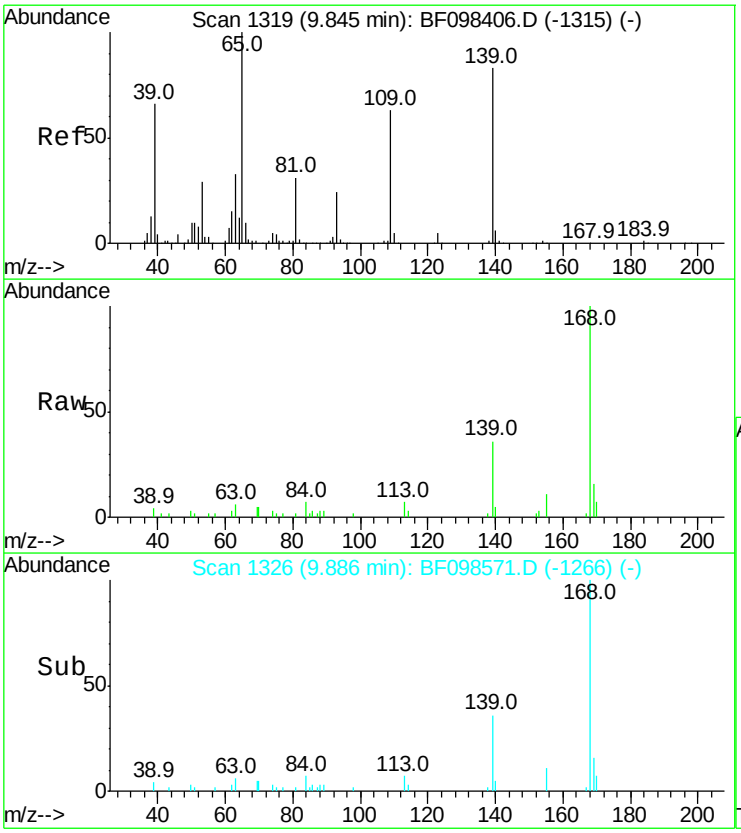
#50
2,6-Dinitrotoluene
Concen: 8.147 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:165 Resp: 23653

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.5	37.1	55.7#

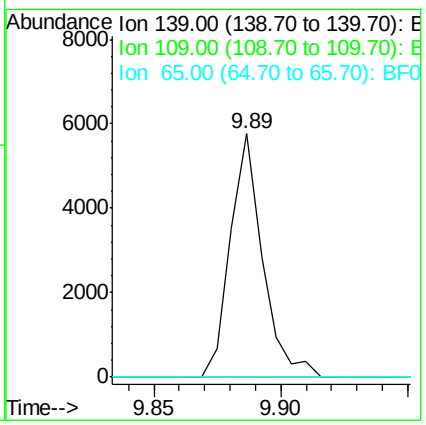


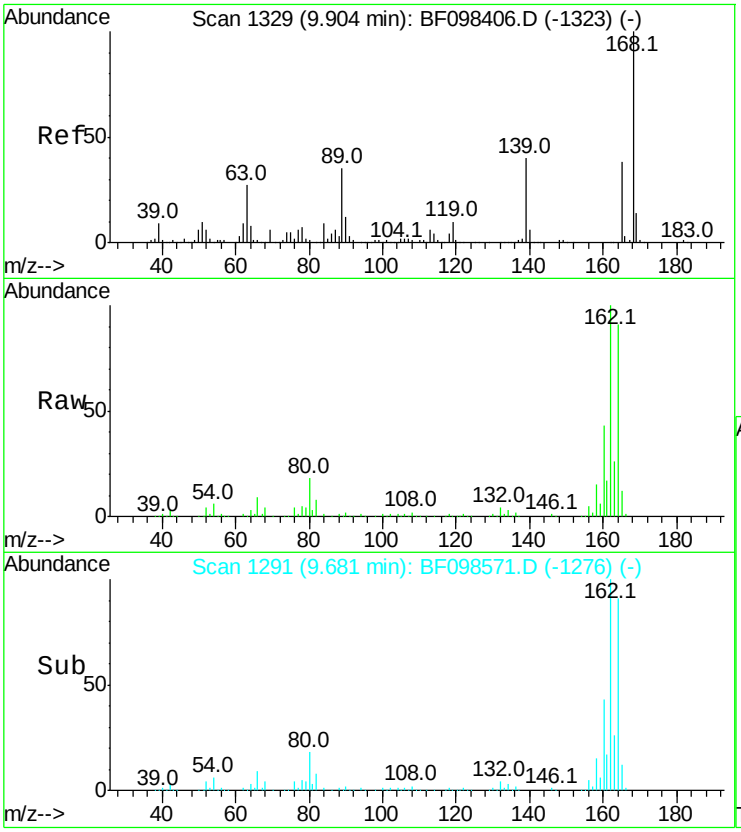


#55
4-Nitrophenol
Concen: 2.528 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.05 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:139 Resp: 5089

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#



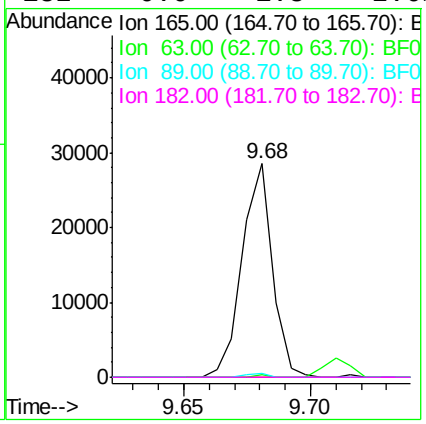


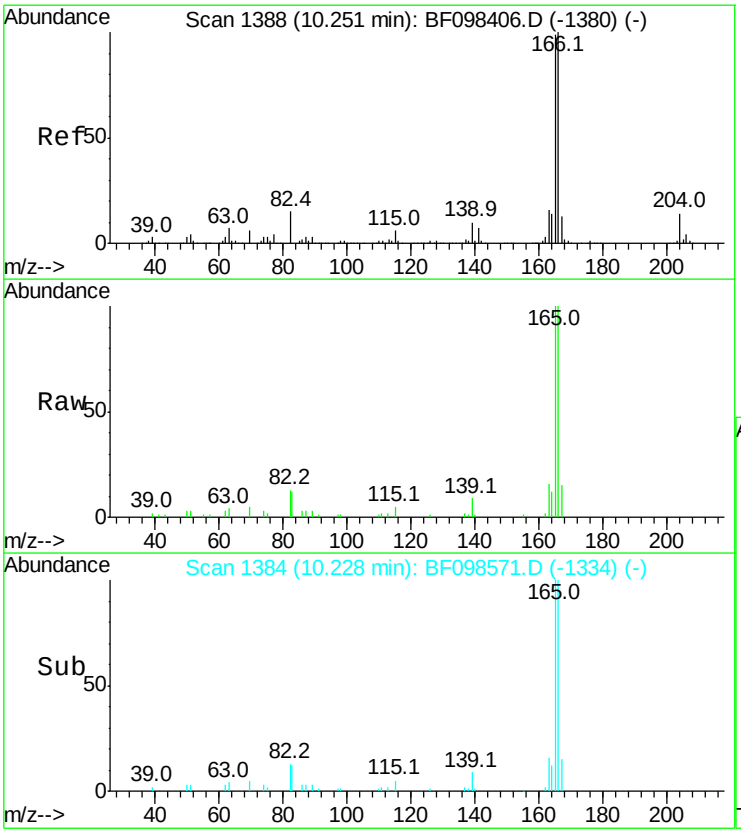
#56
2,4-Dinitrotoluene
Concen: 6.702 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:165 Resp: 23653

Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

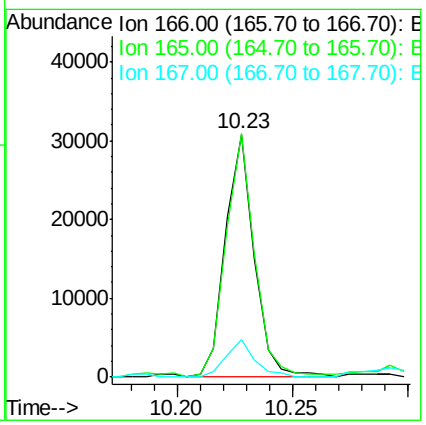


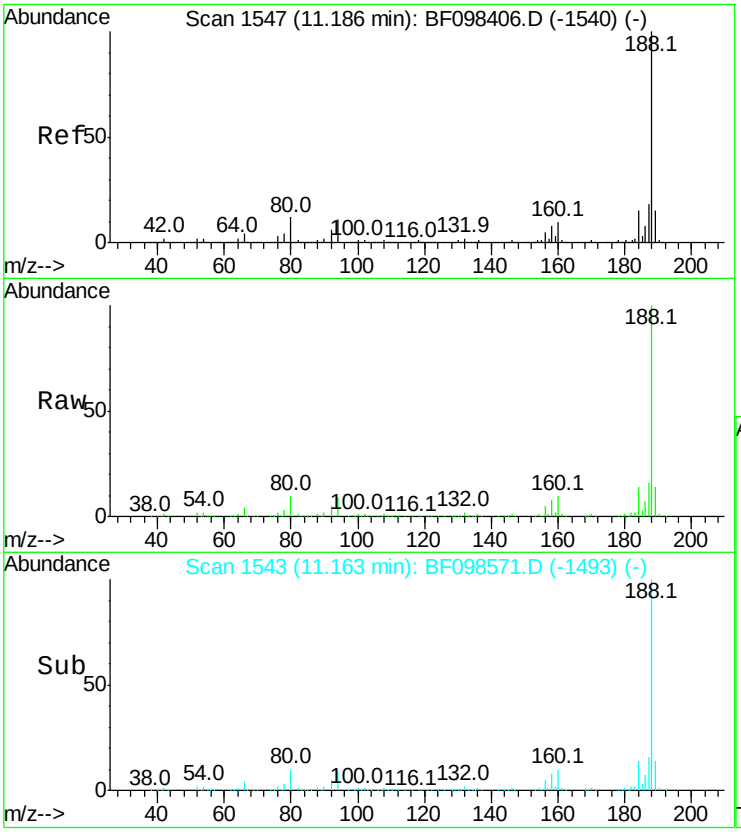


#57
Fluorene
Concen: 2.228 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:166 Resp: 26801

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.8	118.2
167	15.5	10.6	16.0



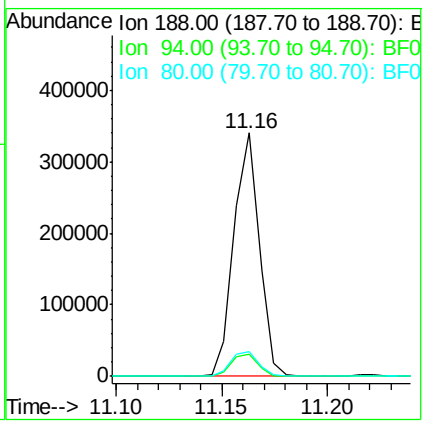


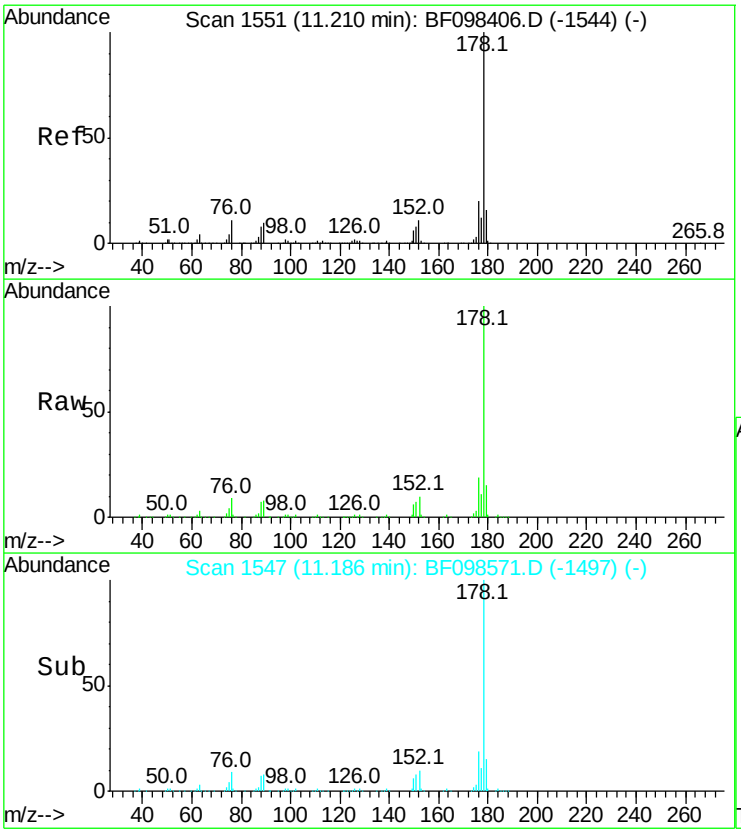
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:188 Resp: 283669

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.4	14.2#
80	10.3	10.2	15.2

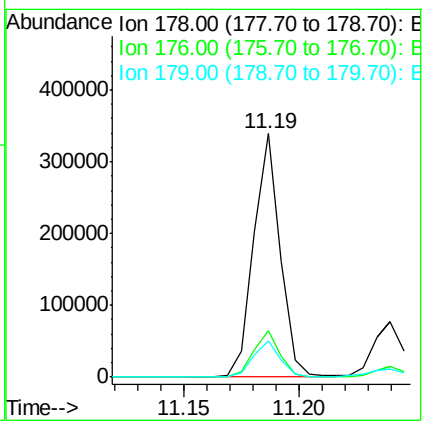


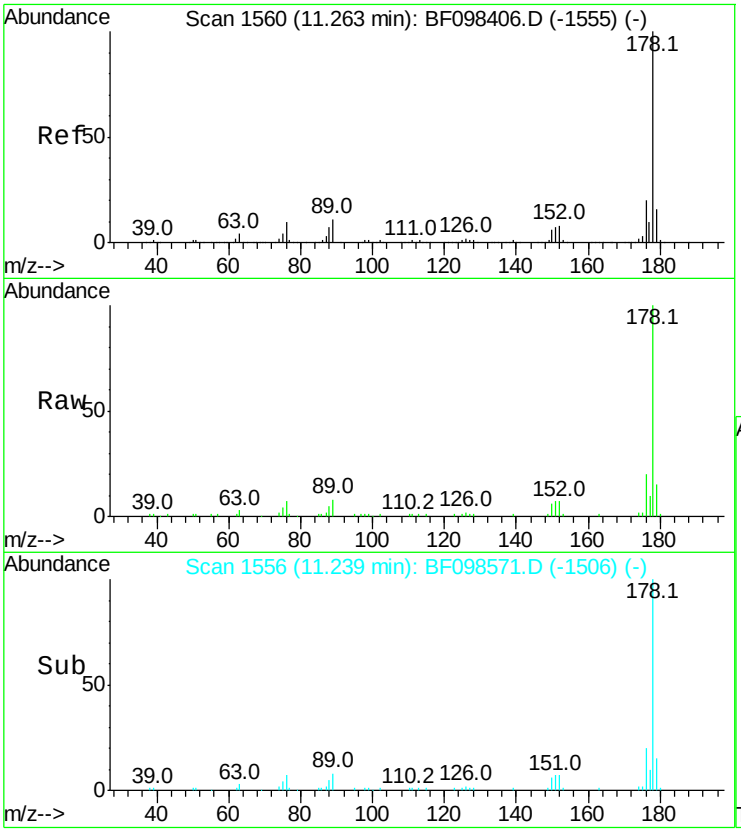


#70
Phenanthrene
Concen: 18.125 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:178 Resp: 272562

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	14.7	12.6	19.0



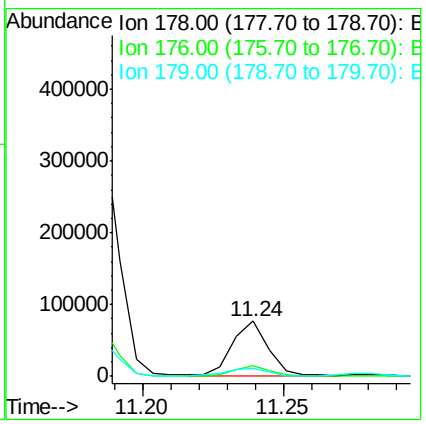


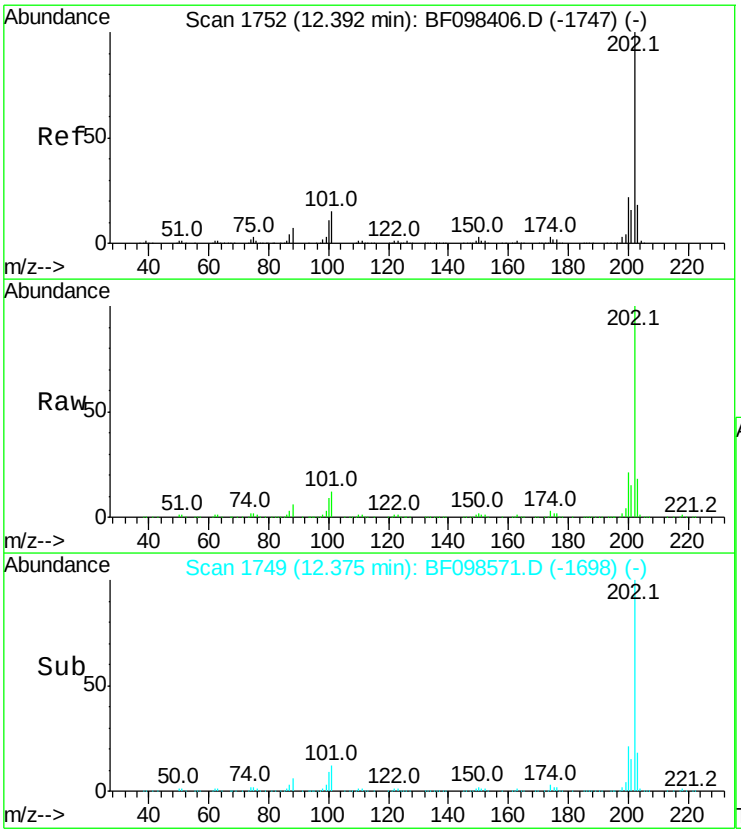
#71
Anthracene
Concen: 4.360 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:178 Resp: 67316

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.1	12.7	19.1

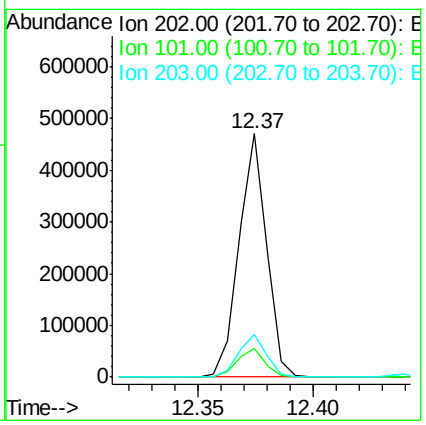


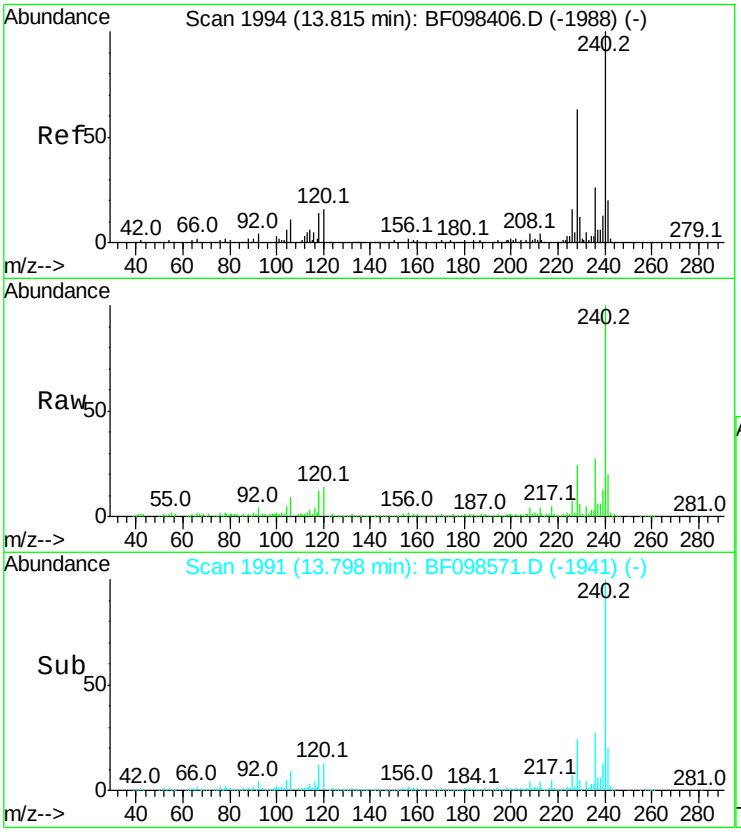


#74
Fluoranthene
Concen: 25.984 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:202 Resp: 391175

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.7	0.0	38.1



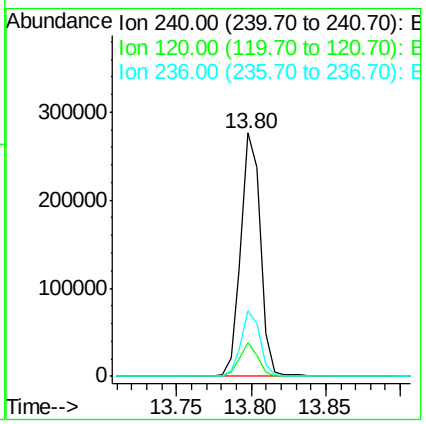


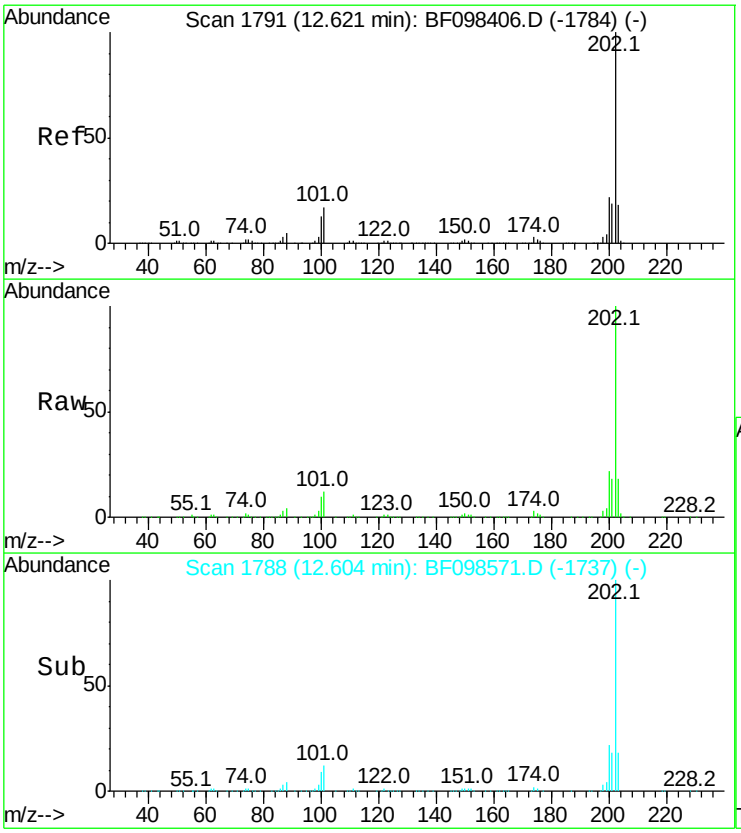
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:240 Resp: 253446

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.7	20.5	30.7

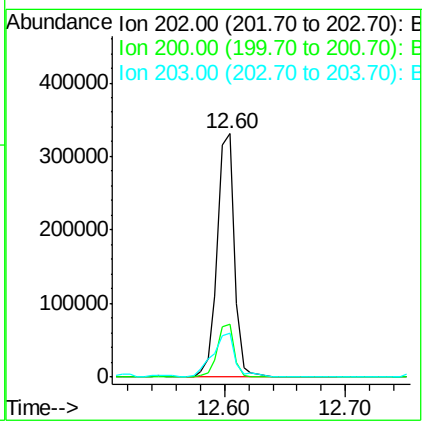


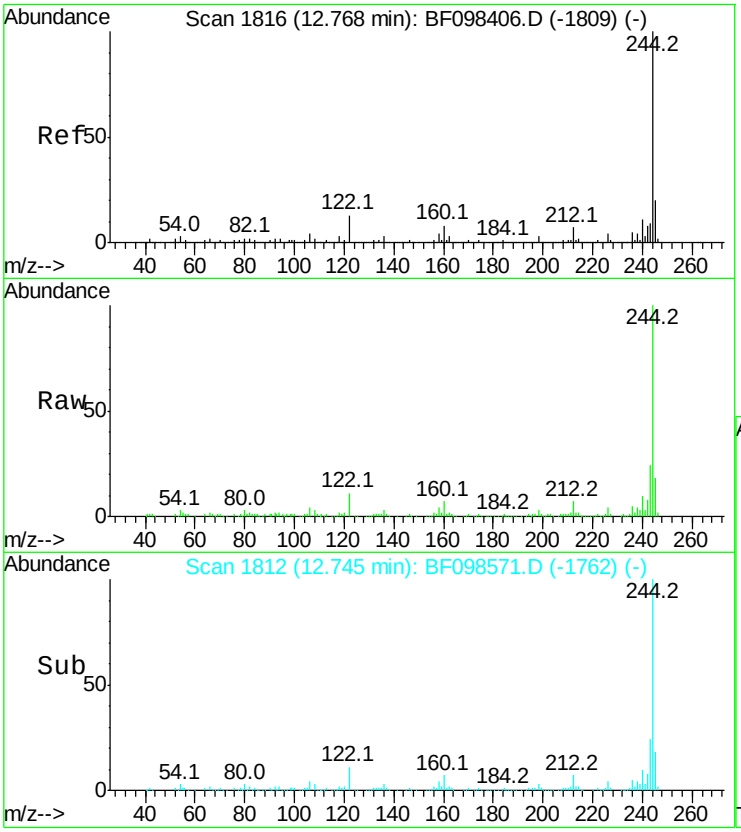


#77
Pyrene
Concen: 16.110 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:202 Resp: 322086

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.9	14.4	21.6



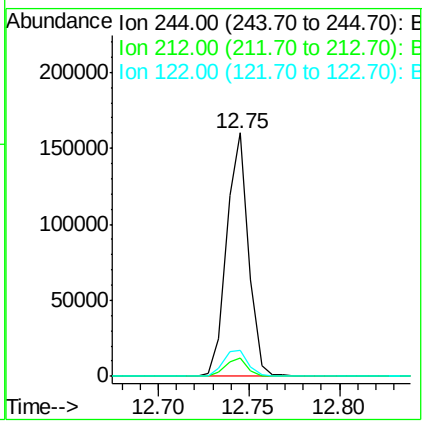


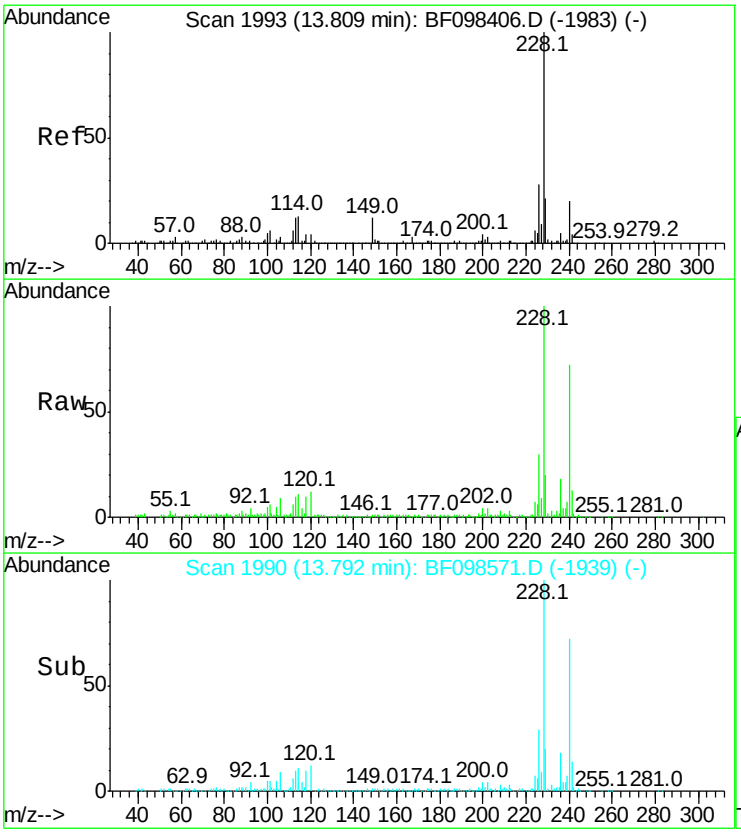
#78
Terphenyl-d14
Concen: 11.410 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:244 Resp: 133978

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.9	10.3	15.5

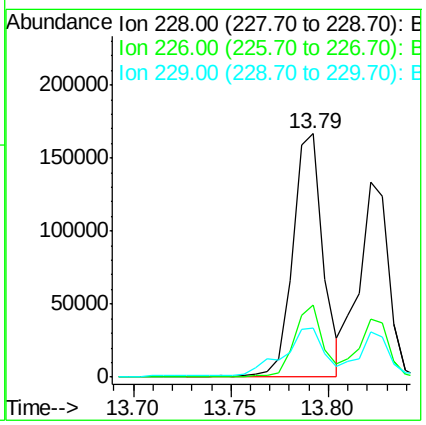


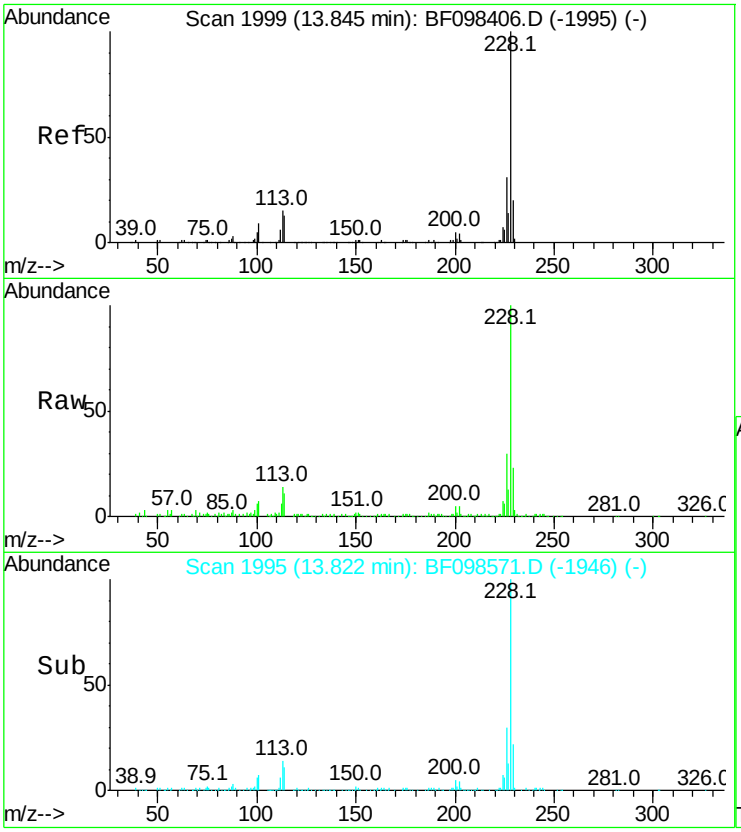


#80
Benzo(a)anthracene
Concen: 12.042 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:228 Resp: 178926

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.3	16.3	24.5



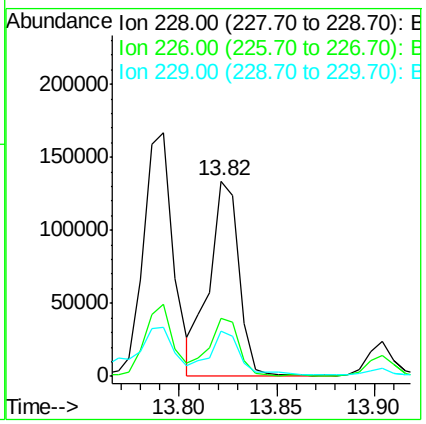


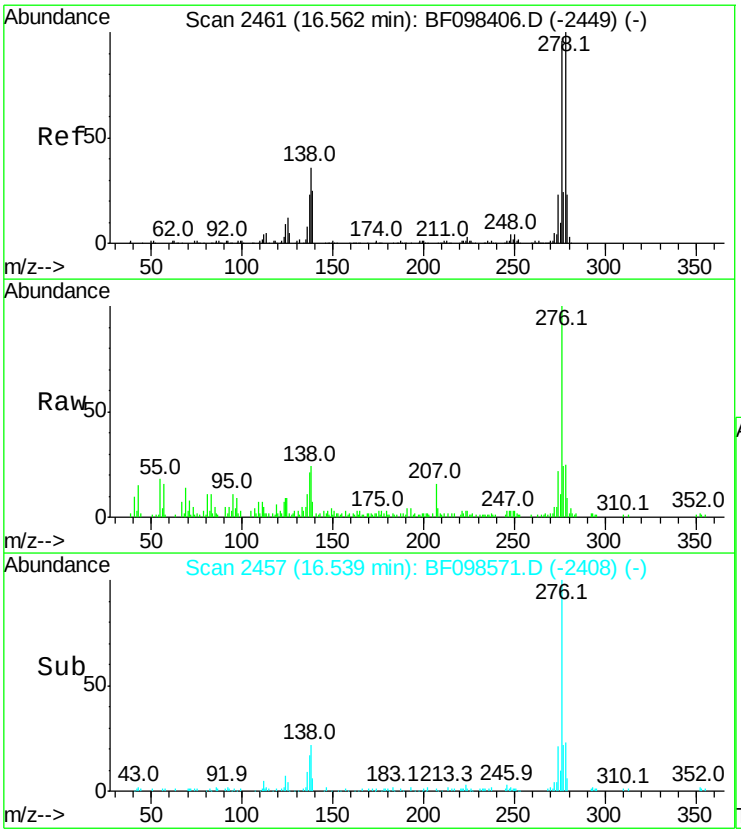
#82
Chrysene
Concen: 9.430 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:228 Resp: 141637

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	23.1	15.8	23.6

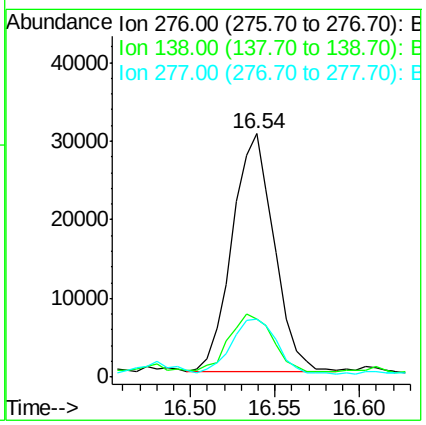


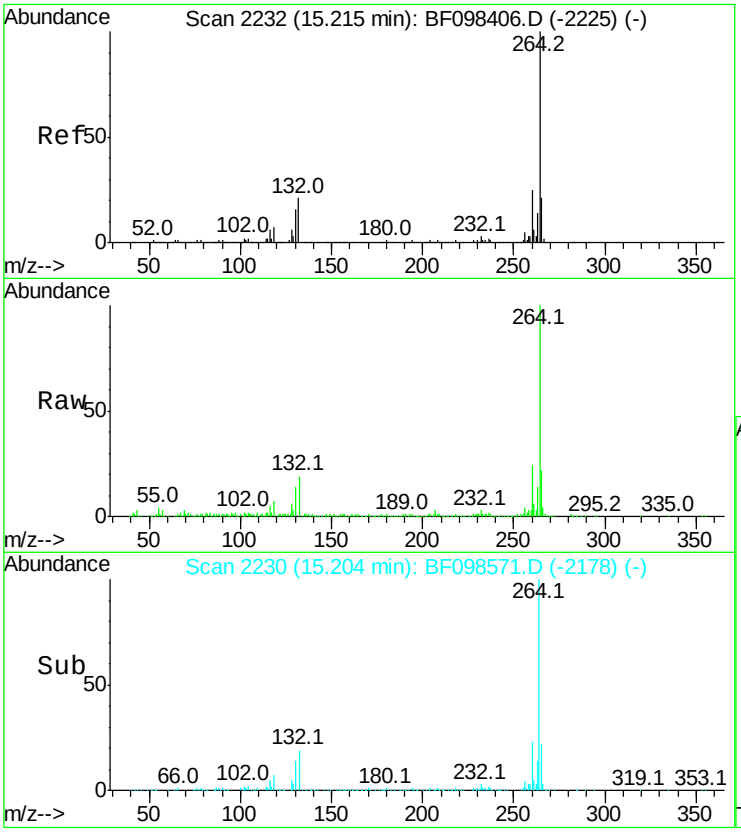


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.973 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:276 Resp: 52405

Ion	Ratio	Lower	Upper
276	100		
138	28.1	27.8	41.6
277	25.0	20.2	30.4



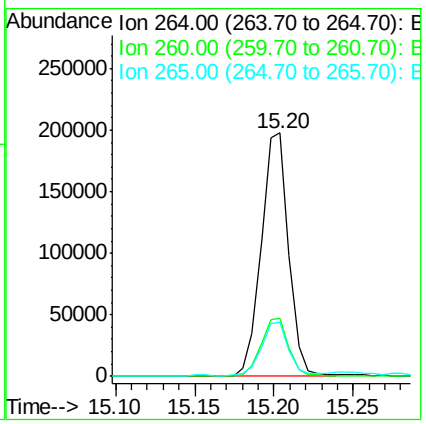


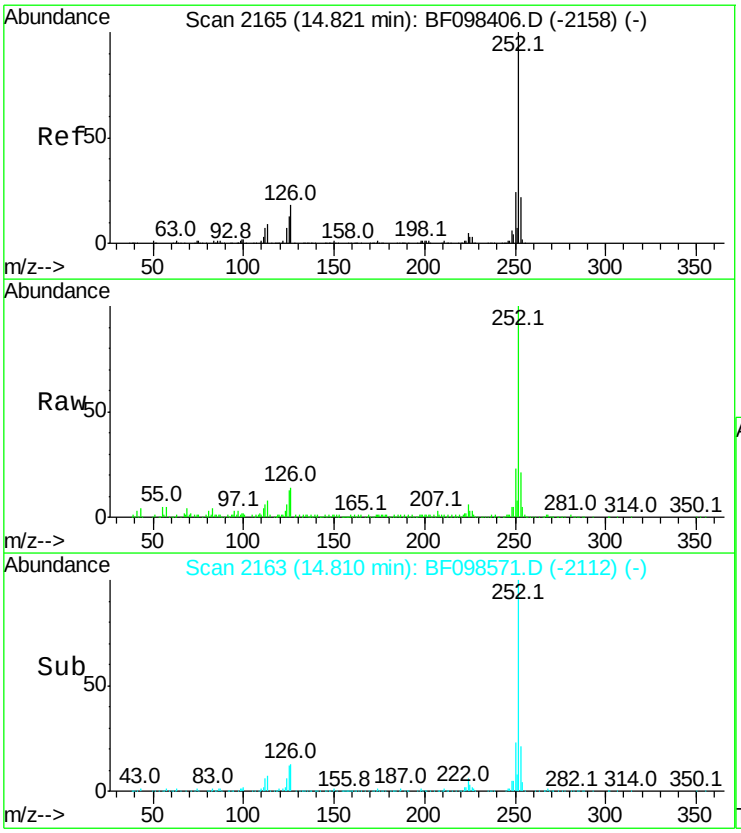
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:264 Resp: 239986

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.2	17.2	25.8

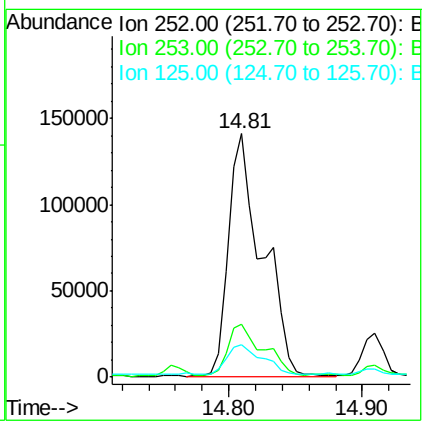


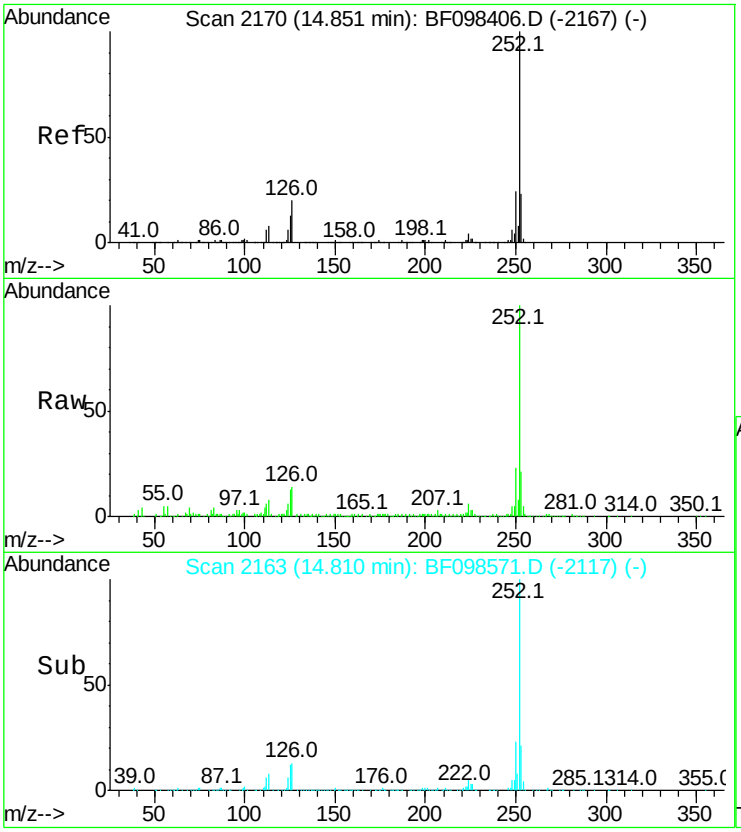


#87
Benzo(b)fluoranthene
Concen: 16.426 ng
RT: 14.81 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:252 Resp: 247860

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.5	9.8	14.8



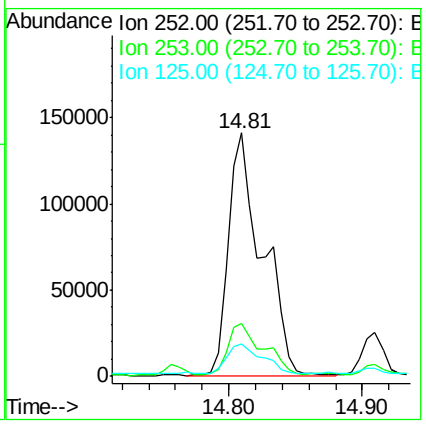


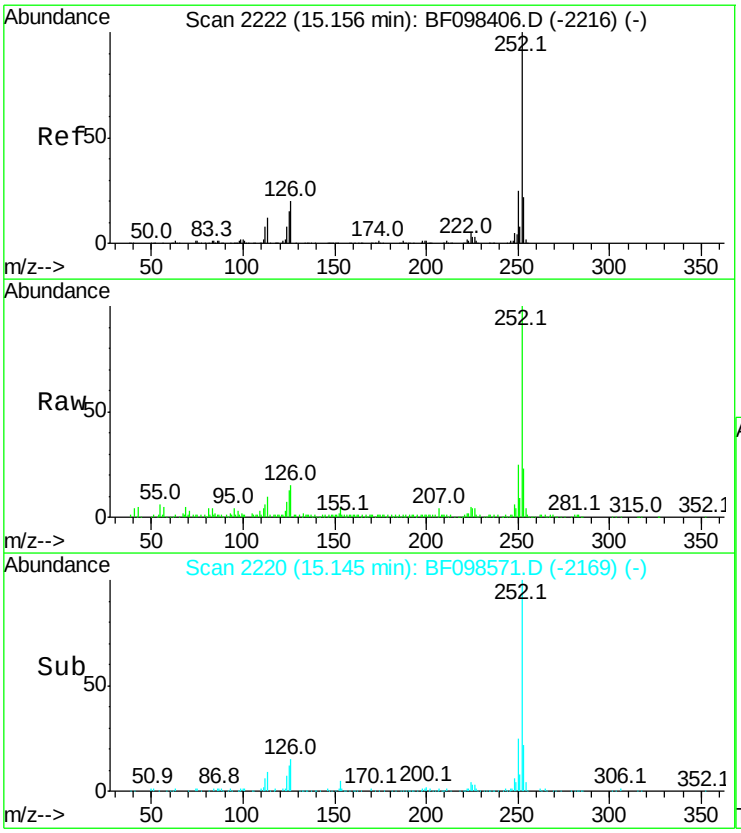
#88
Benzo(k)fluoranthene
Concen: 17.595 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:252 Resp: 247860

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	13.5	13.1	19.7

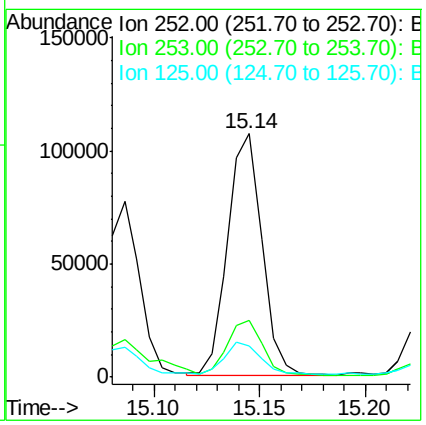


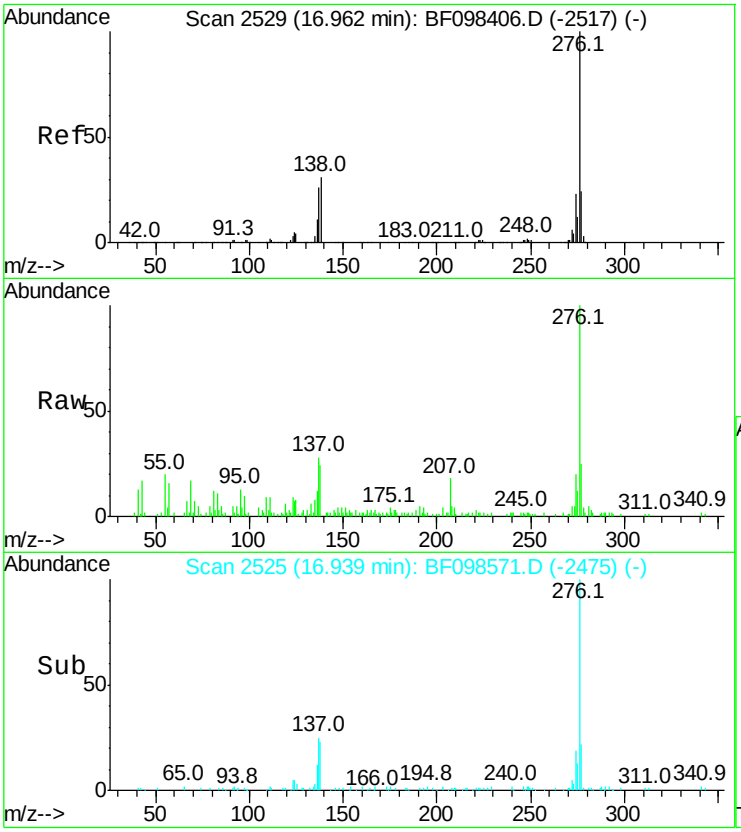


#89
Benzo(a)pyrene
Concen: 9.045 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Tgt Ion:252 Resp: 121588

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	12.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.904 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF098571.D
Acq: 15 Sep 2017 16:01

Instrument :
BNA_F
ClientSampleId :
RL-2-0-17.25DL

Tgt Ion:276 Resp: 48236

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	24.1	25.4	38.0#