Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111206.D
Acq On : 8 Dec 2018 00:40
Operator : JU/SJ
Sample : J6214-17DL 50X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)DL

Quant Time: Dec 08 02:54:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	488673	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1989530	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	745021	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1575992	20.00	ng	0.00
76) Chrysene-d12	13.96	240	833579	20.00	ng	0.00
87) Perylene-d12	15.40	264	1156815	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	74287	2.37	ng	-0.01
7) Phenol-d6	6.42	99	89373	2.22	ng	-0.01
23) Nitrobenzene-d5	7.36	82	55341	1.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	15475	2.61	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	78290	-14.96	ng	0.00
79) Terphenyl-d14	12.90	244	56417	1.39	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	1148	Below Cal	#	54
51) 2,6-Dinitrotoluene	9.84	165	96663	8.793	ng	# 26
52) Acenaphthene	9.87	154	249894	5.710	ng	99
55) Dibenzofuran	10.05	168	131686	2.185	ng	# 88
57) 2,4-Dinitrotoluene	9.84	165	96663	6.808	ng	# 23
58) Fluorene	10.39	166	237484	5.587	ng	100
71) Phenanthrene	11.35	178	2787088	36.765	ng	98
72) Anthracene	11.40	178	778466	10.187	ng	95
73) Carbazole	11.55	167	342357	4.306	ng	94
75) Fluoranthene	12.53	202	2443827	32.944	ng	98
77) Benzidine	12.65	184	8051	Below Cal	#	91
78) Pyrene	12.76	202	1959922	30.180	ng	96
81) Benzo(a)anthracene	13.94	228	946152	19.373	ng	99
83) Chrysene	13.98	228	852476	17.582	ng	96
86) Indeno(1,2,3-cd)pyrene	16.80	276	523515	13.448	ng	# 89
88) Benzo(b)fluoranthene	14.98	252	1924378	29.357	ng	98
89) Benzo(k)fluoranthene	14.98	252	1924378	30.368	ng	97
90) Benzo(a)pyrene	15.33	252	989718	16.461	ng	98
92) Benzo(g,h,i)perylene	17.23	276	427508	8.431	ng	98

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

Quantitation Report (Not Reviewed)

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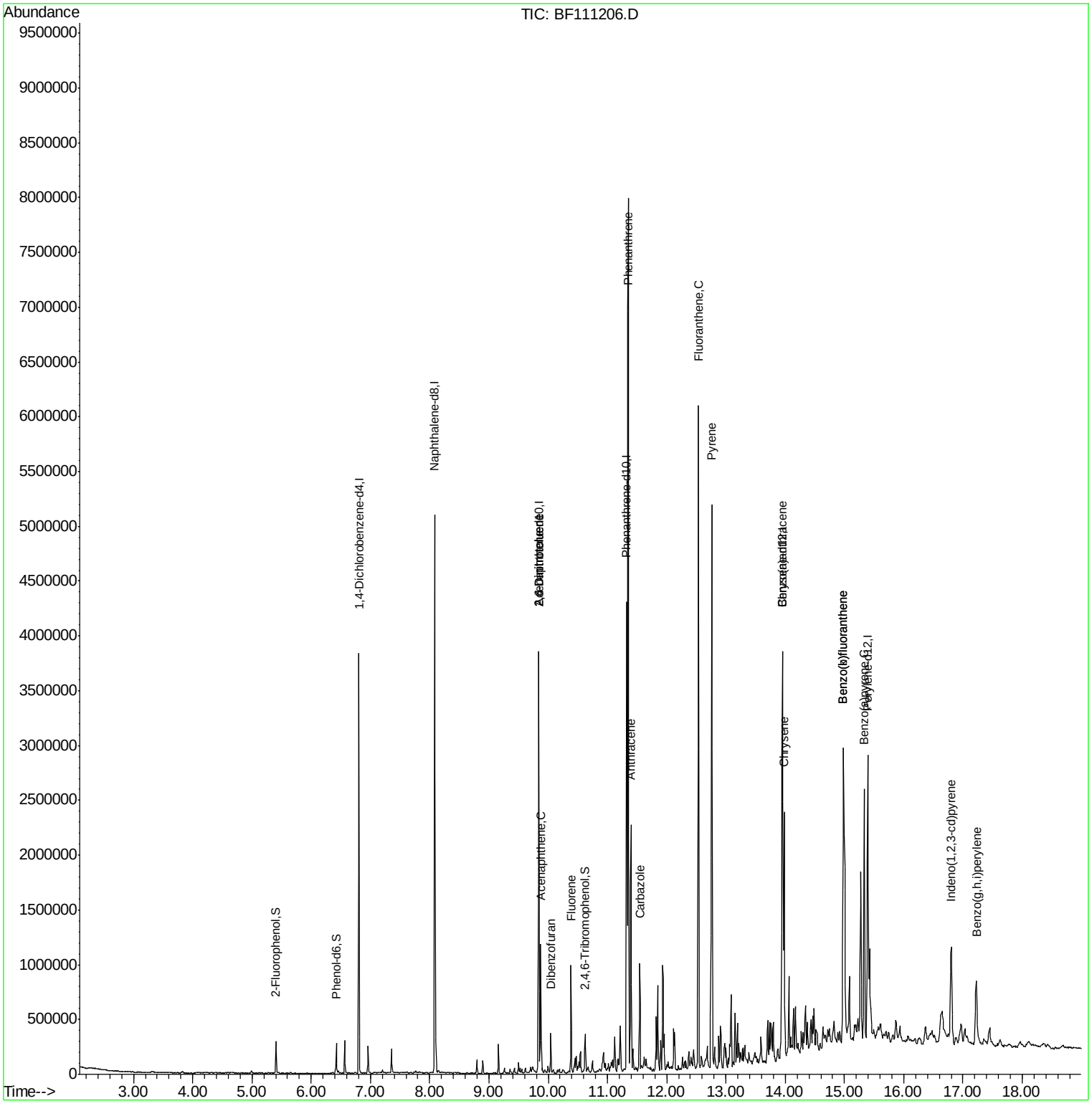
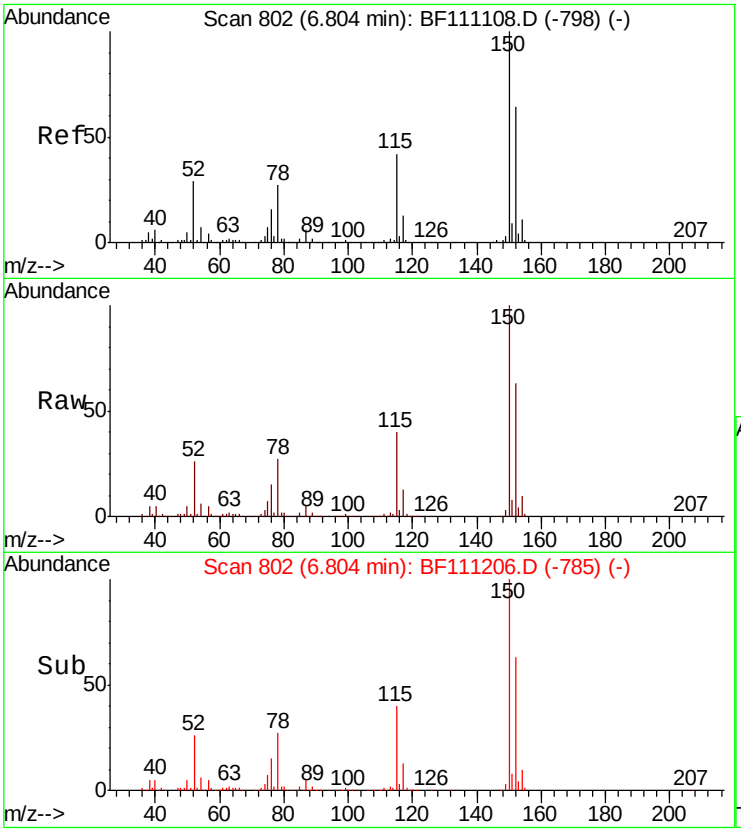
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



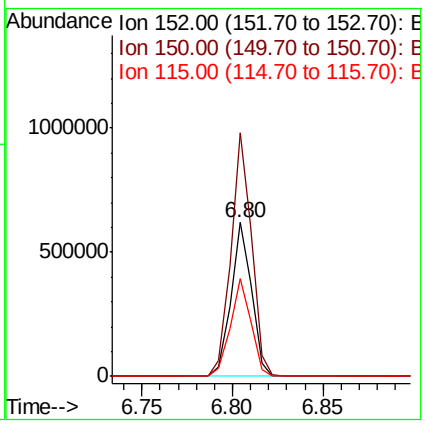


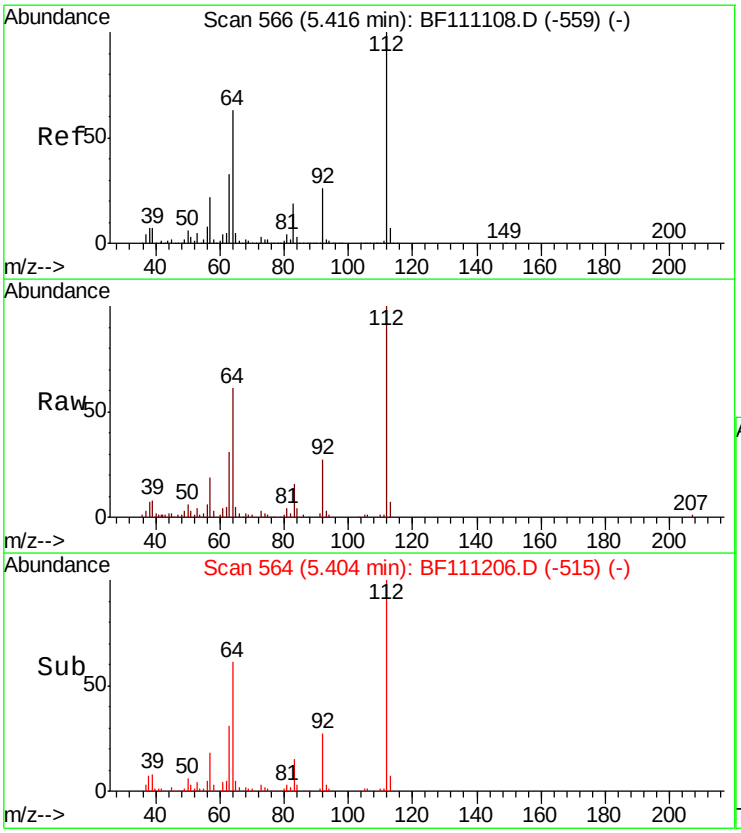
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:152 Resp: 488673

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	187.0
115	63.5	52.2	78.2

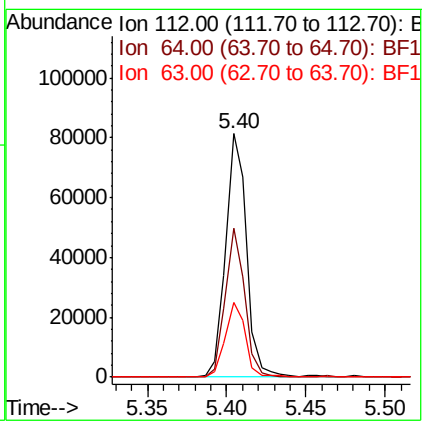


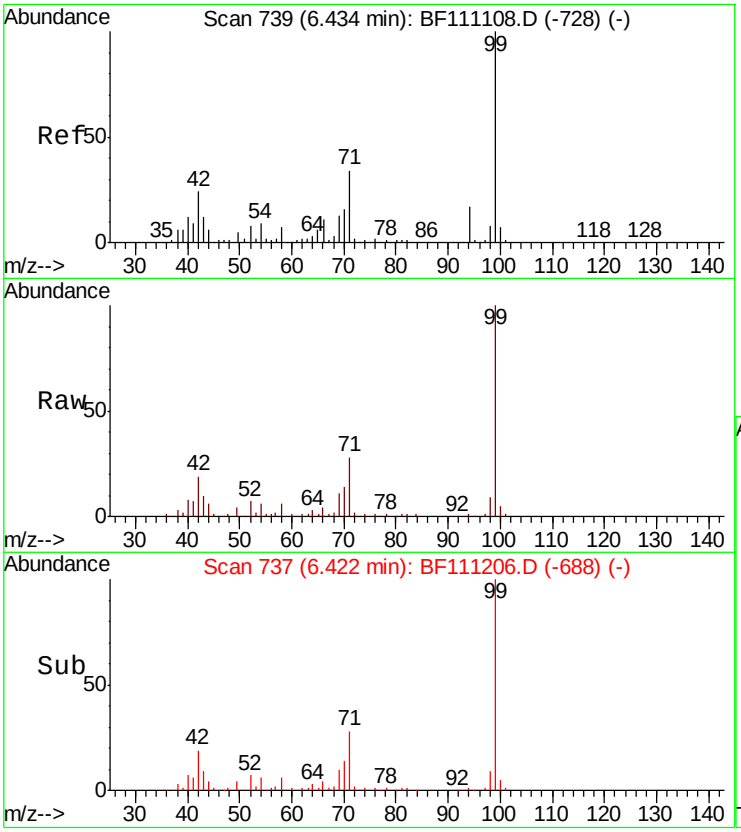


#5
2-Fluorophenol
Concen: 2.372 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:112 Resp: 74287

Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.4
63	30.7	26.6	39.8



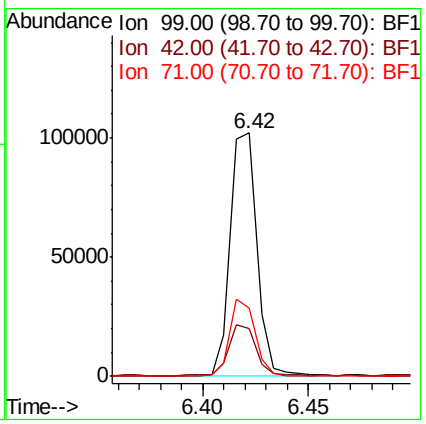


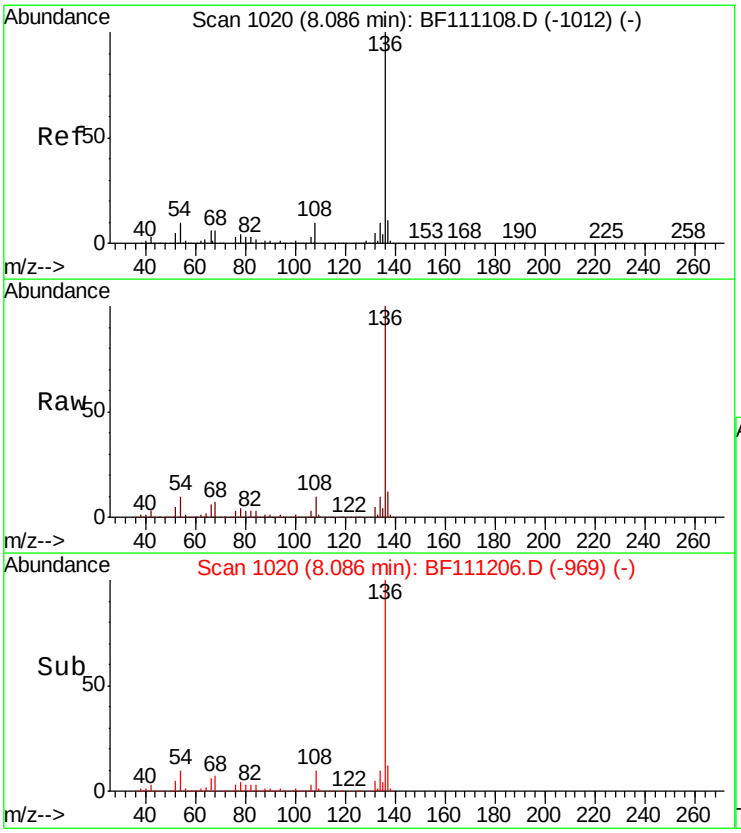
#7
Phenol-d6
Concen: 2.215 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion: 99 Resp: 89373

Ion	Ratio	Lower	Upper
99	100		
42	19.5	19.3	28.9
71	27.9	27.4	41.2

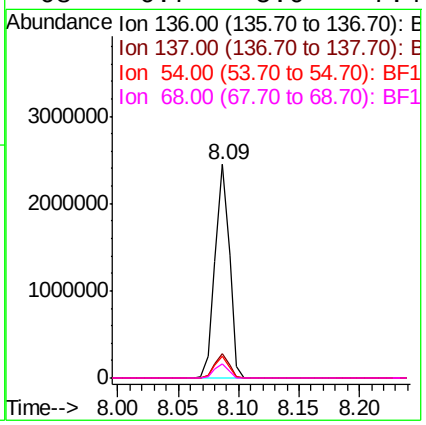


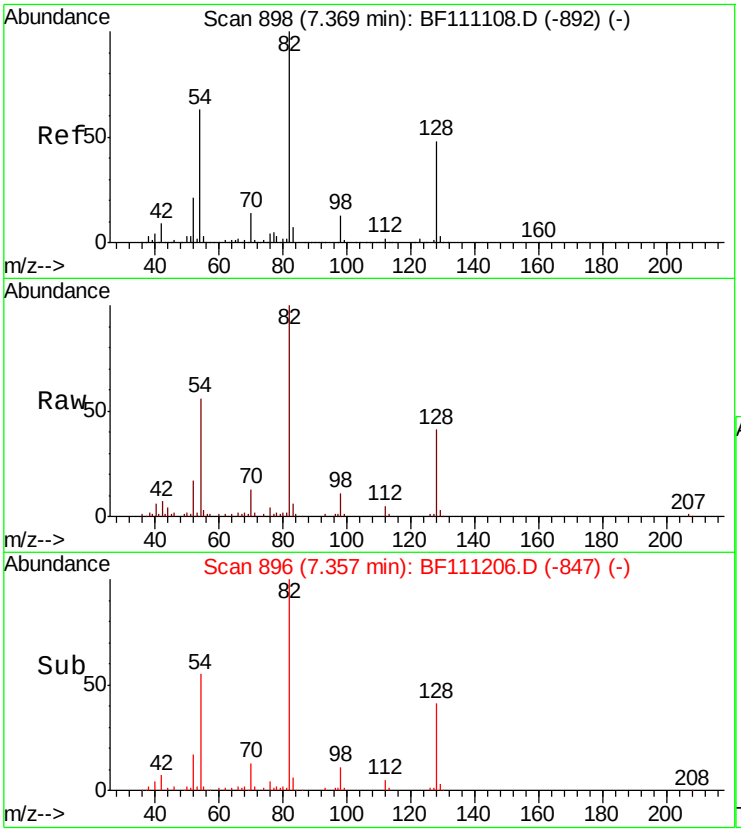


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:136 Resp: 1989530

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.9	8.4	12.6
68	6.7	5.0	7.4



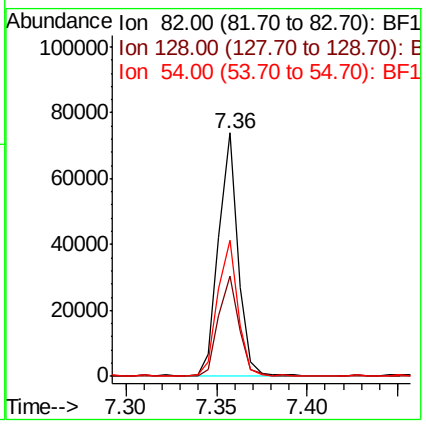


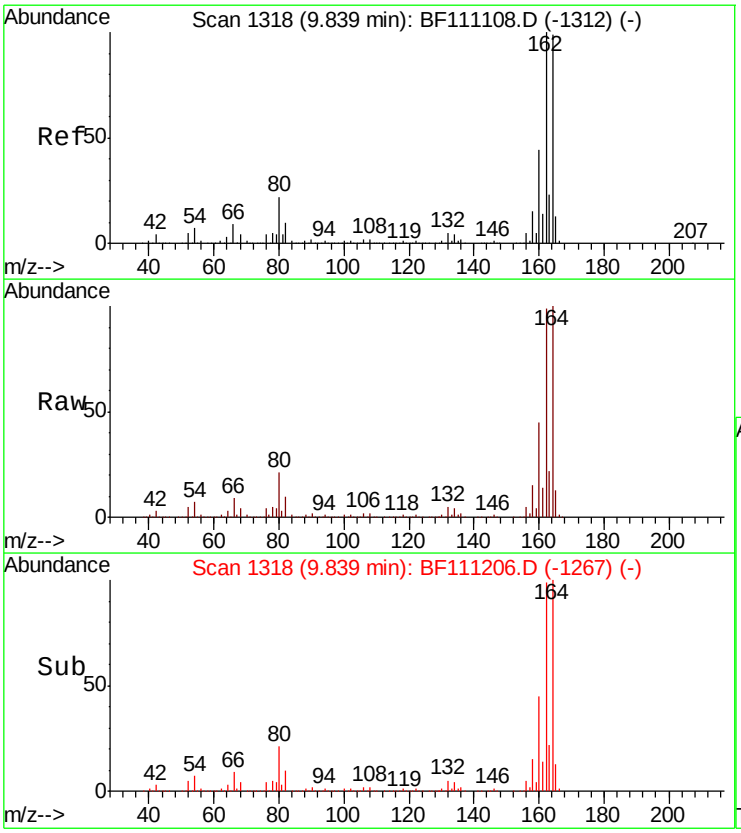
#23
Nitrobenzene-d5
Concen: 1.647 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion: 82 Resp: 55341

Ion	Ratio	Lower	Upper
82	100		
128	41.2	38.1	57.1
54	55.9	50.3	75.5

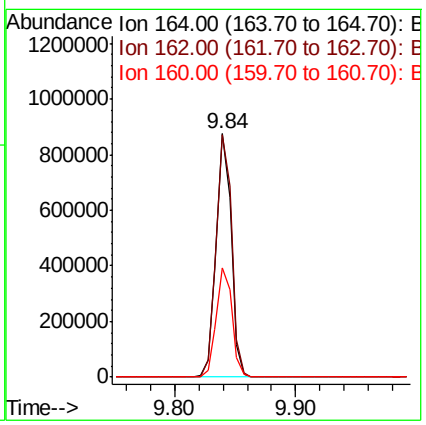


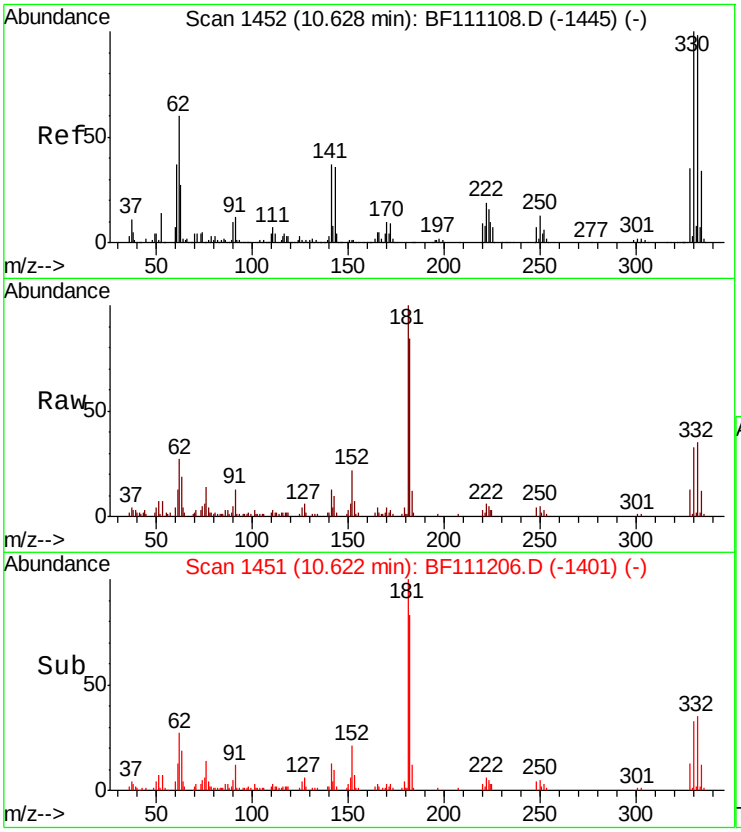


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:164 Resp: 745021

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	44.7	35.5	53.3



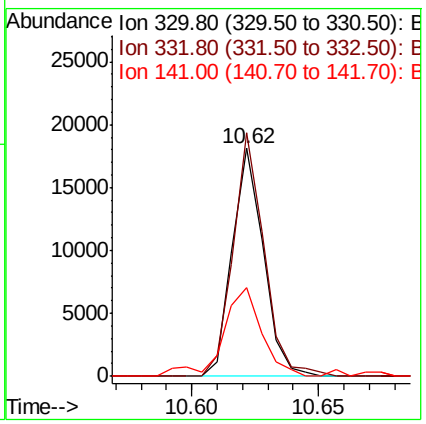


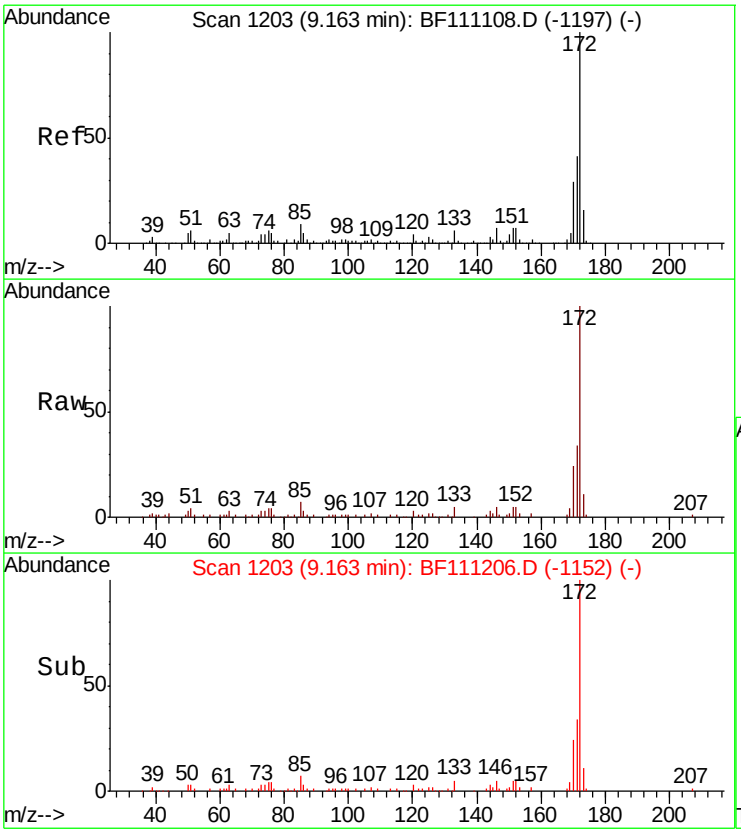
#42
2,4,6-Tribromophenol
Concen: 2.613 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:330 Resp: 15475

Ion	Ratio	Lower	Upper
330	100		
332	105.7	77.2	115.8
141	48.4	36.1	54.1

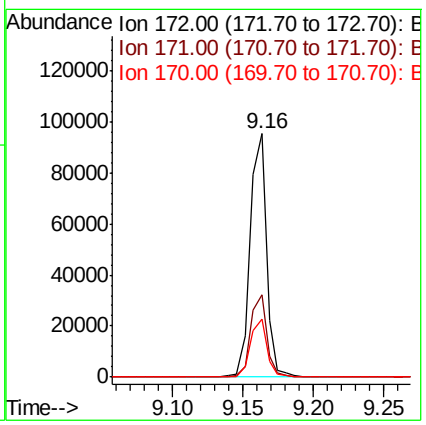


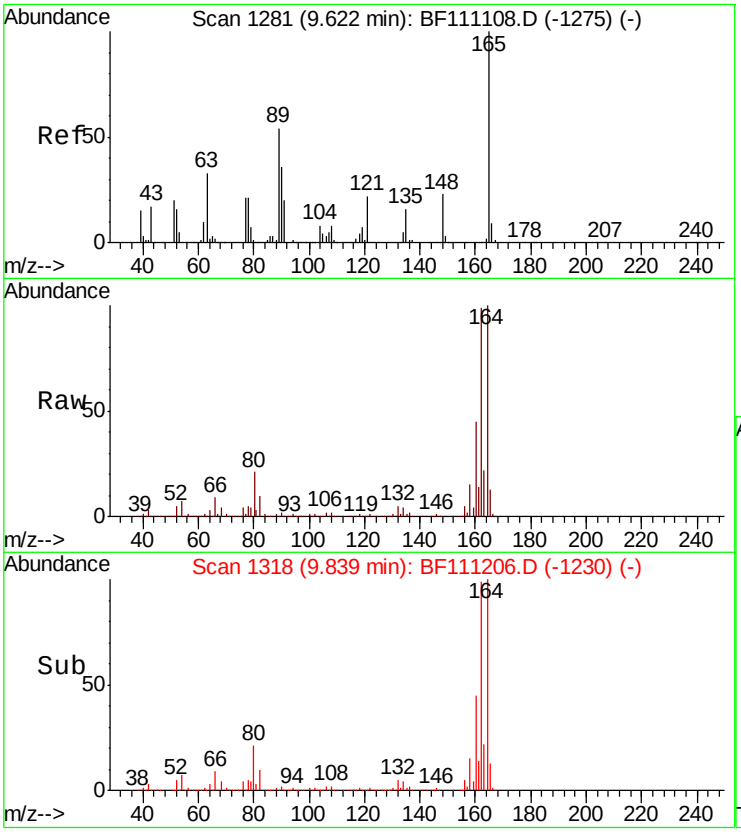


#45
2-Fluorobiphenyl
Concen: -14.959 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:172 Resp: 78290

Ion	Ratio	Lower	Upper
172	100		
171	33.9	33.2	49.8
170	23.8	22.9	34.3



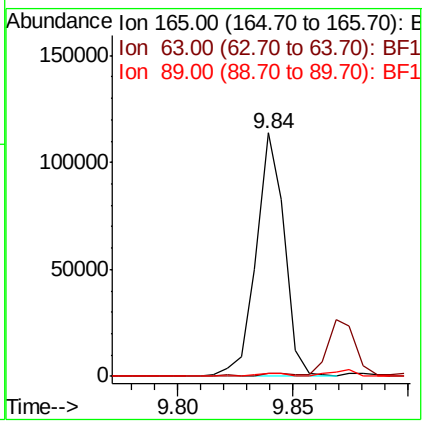


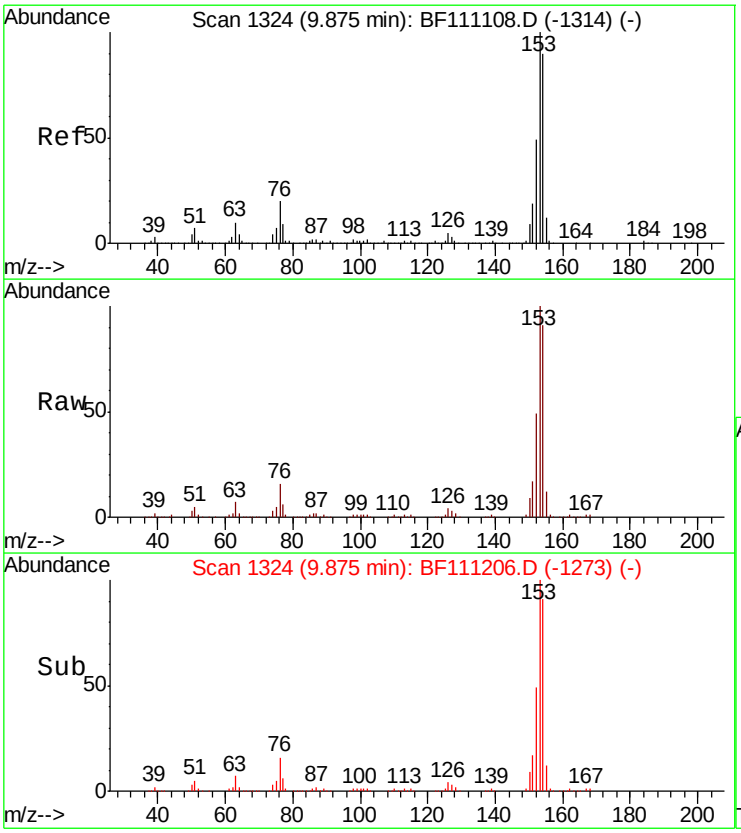
#51
2,6-Dinitrotoluene
Concen: 8.793 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:165 Resp: 96663

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	43.0	64.4#

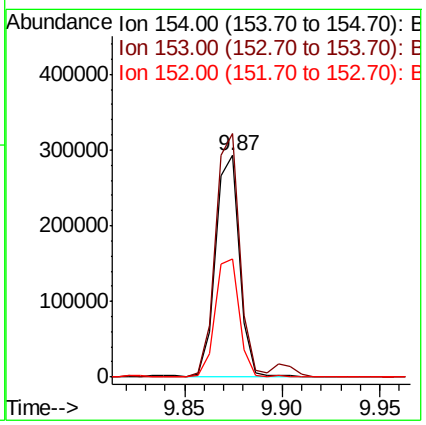


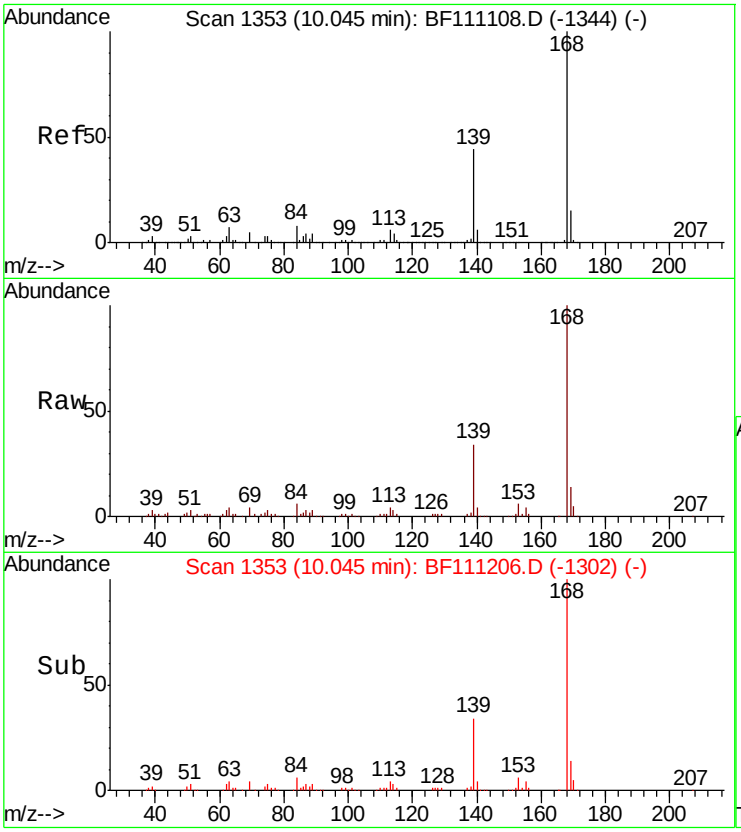


#52
Acenaphthene
Concen: 5.710 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:154 Resp: 249894

Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.7	133.1
152	53.4	43.8	65.8



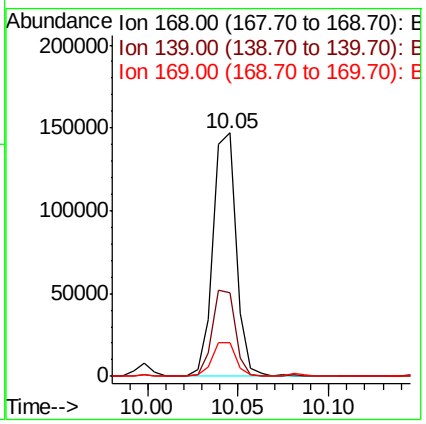


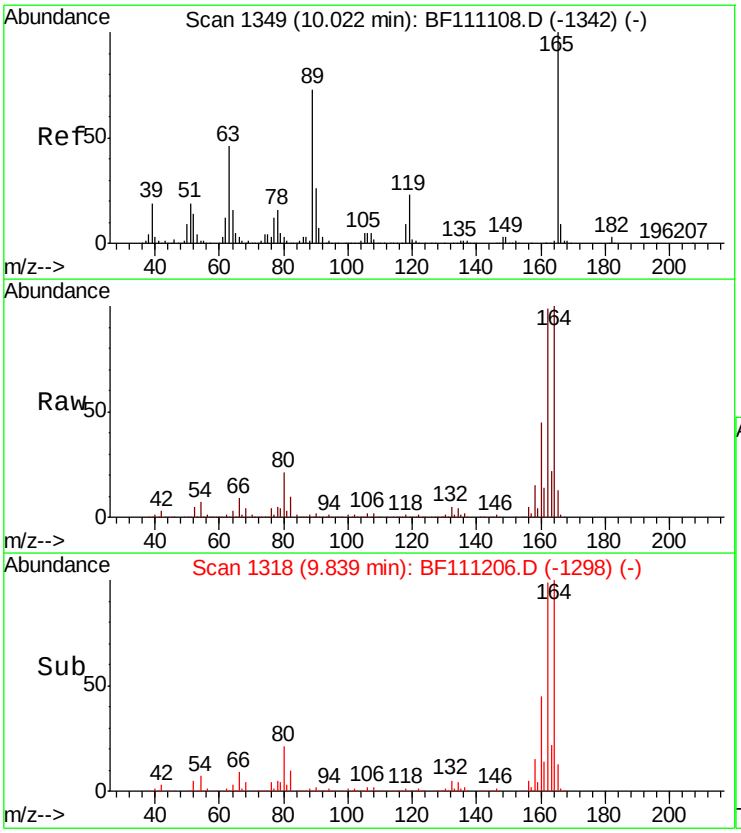
#55
Dibenzofuran
Concen: 2.185 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:168 Resp: 131686

Ion	Ratio	Lower	Upper
168	100		
139	34.2	35.1	52.7#
169	13.8	12.2	18.4

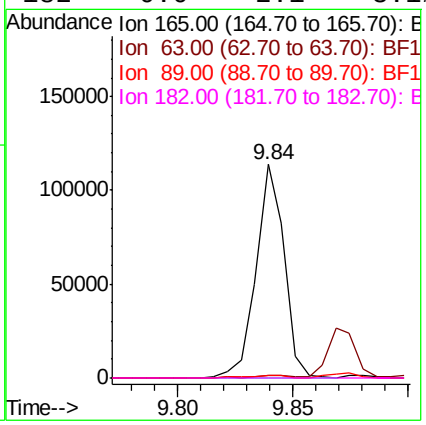


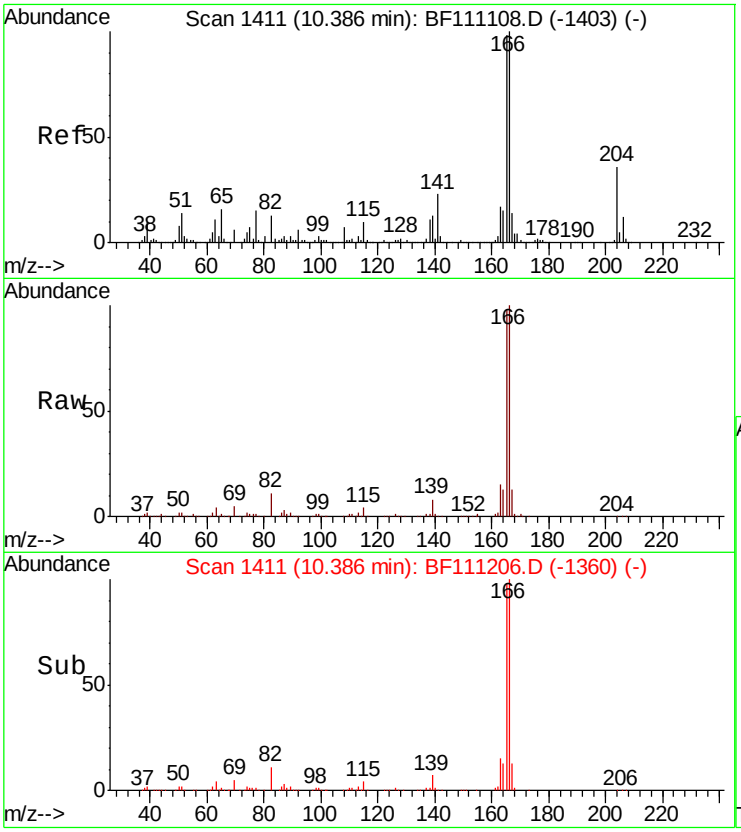


#57
2,4-Dinitrotoluene
Concen: 6.808 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:165 Resp: 96663

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.3	58.4	87.6#
182	0.0	2.1	3.1#



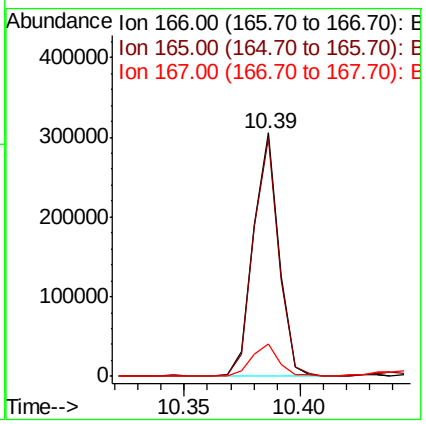


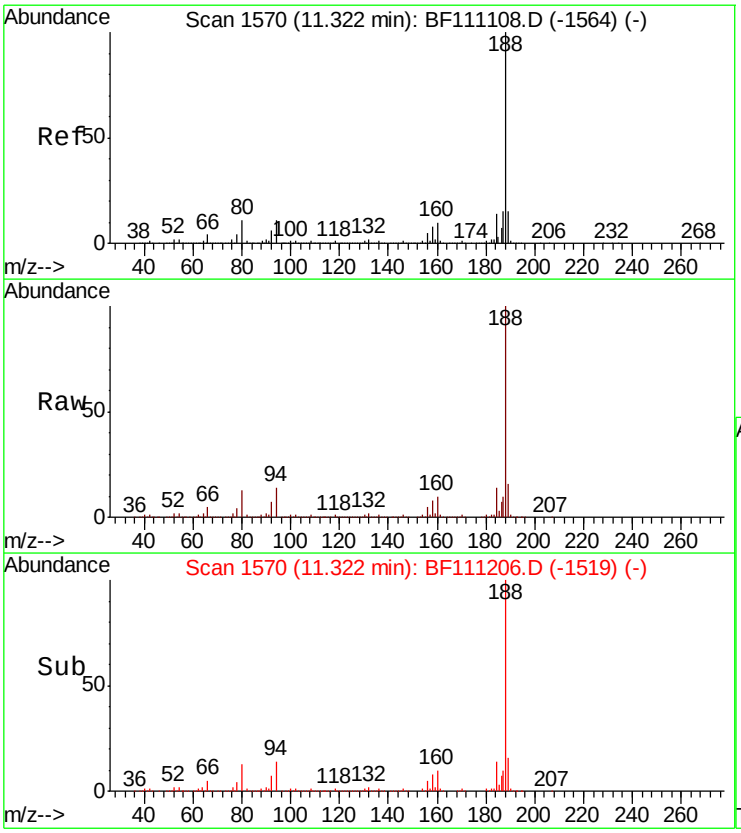
#58
Fluorene
Concen: 5.587 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:166 Resp: 237484

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.4	117.6
167	13.5	11.4	17.2

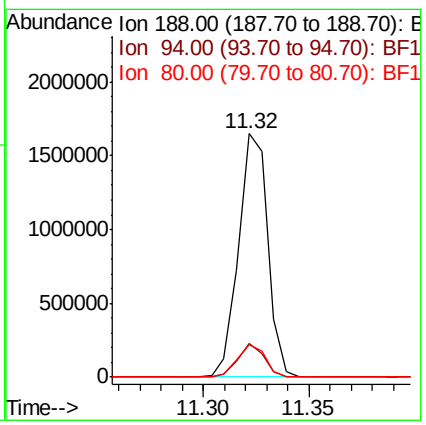


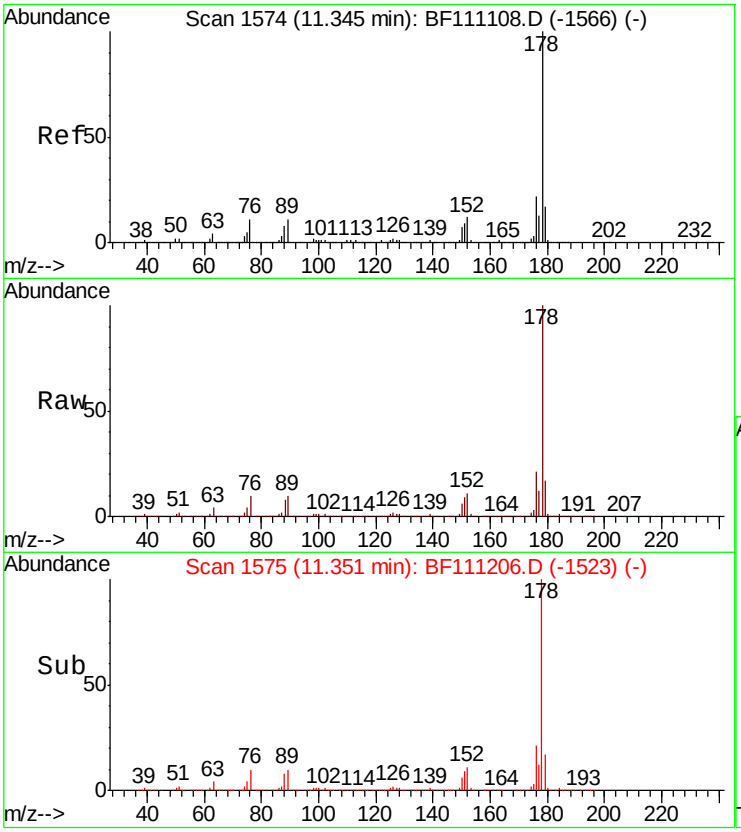


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:188 Resp: 1575992

Ion	Ratio	Lower	Upper
188	100		
94	13.8	8.5	12.7#
80	13.5	9.0	13.6



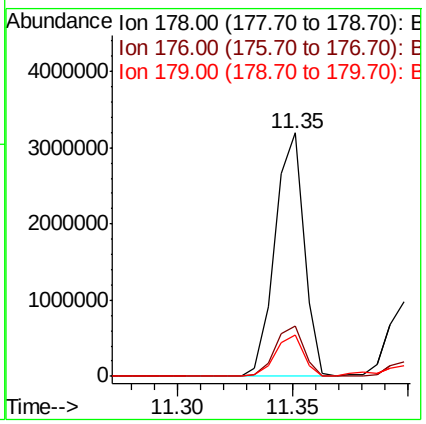


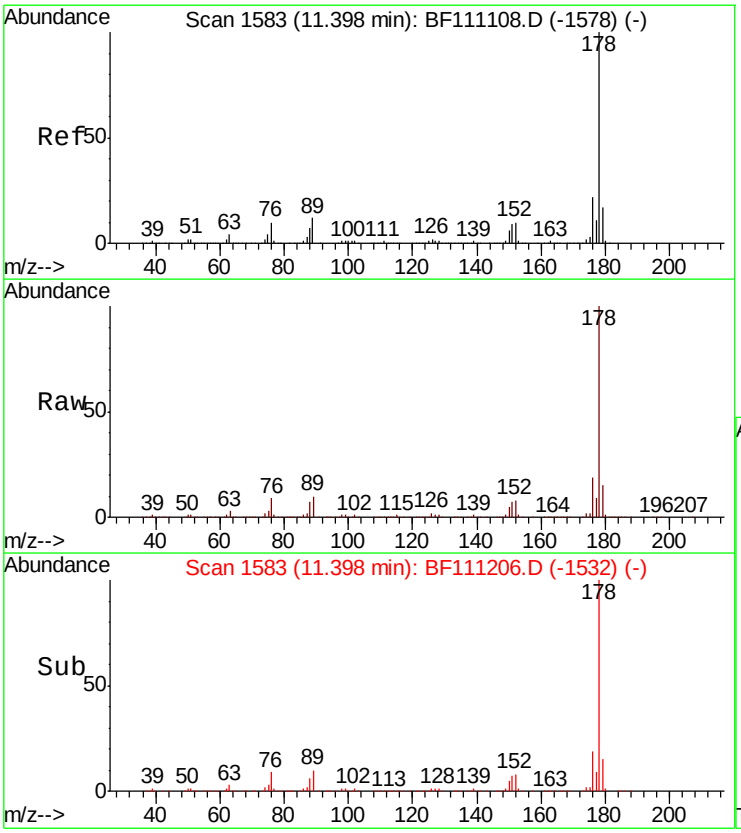
#71
Phenanthrene
Concen: 36.765 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:178 Resp: 2787088

Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.7	26.5
179	16.9	14.0	21.0

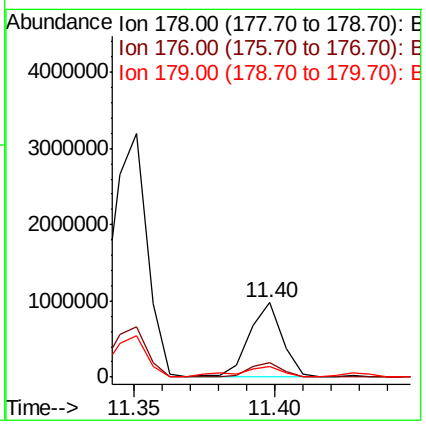


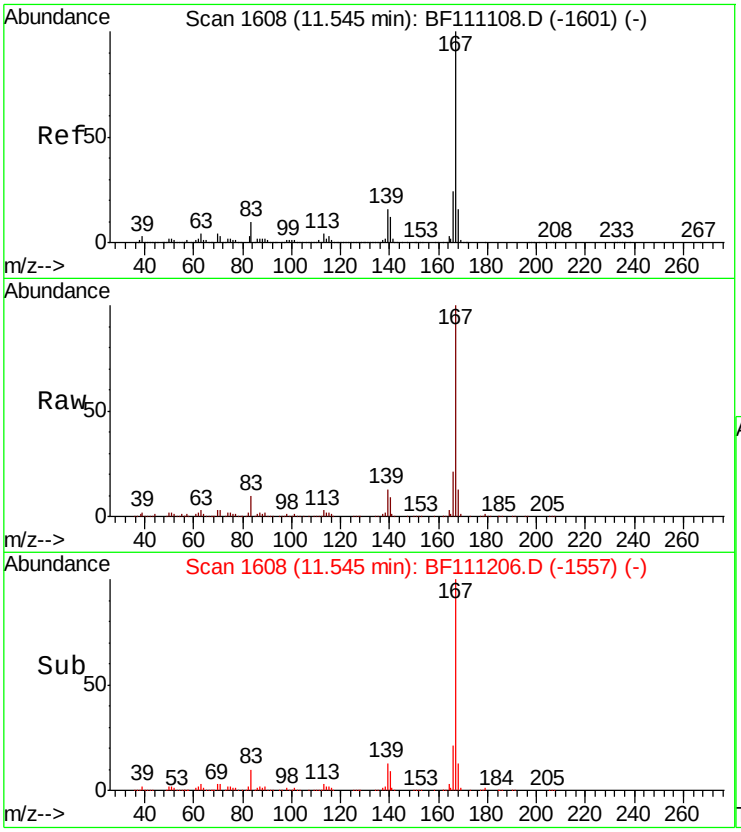


#72
Anthracene
Concen: 10.187 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:178 Resp: 778466

Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.3	25.9
179	15.0	13.8	20.8



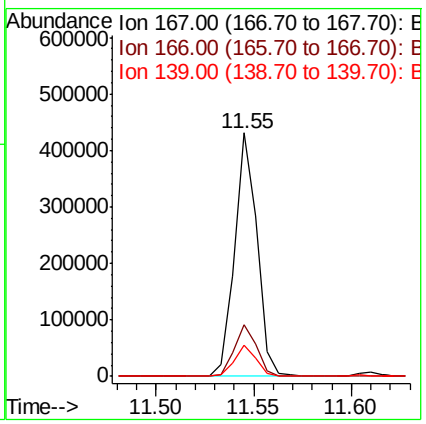


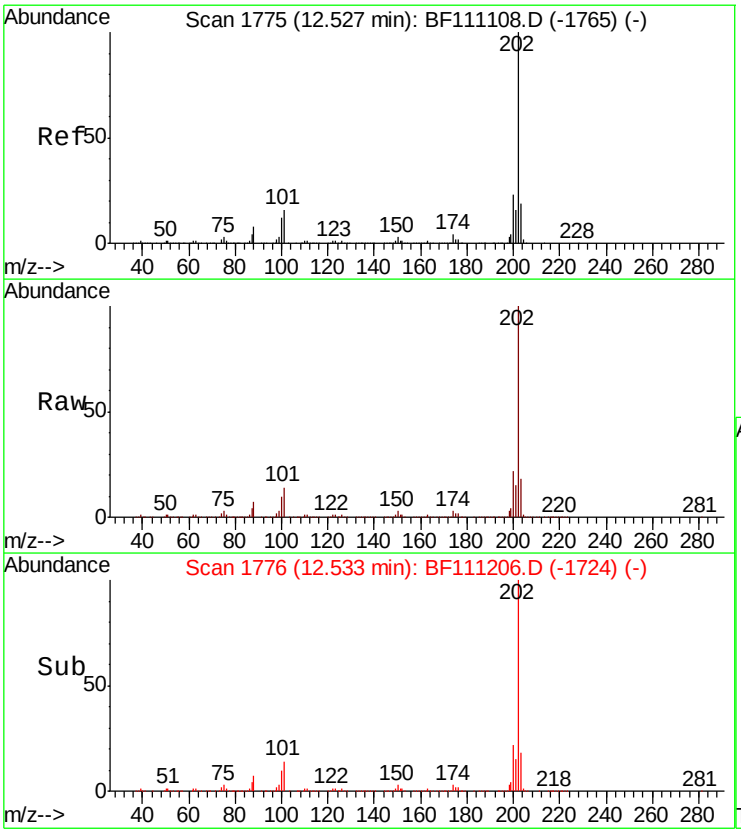
#73
Carbazole
Concen: 4.306 ng
RT: 11.55 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:167 Resp: 342357

Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.4	29.0
139	13.0	12.6	18.8

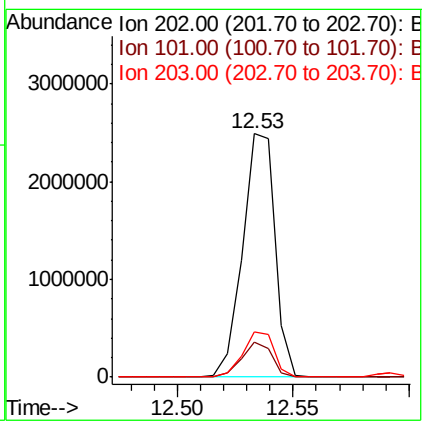


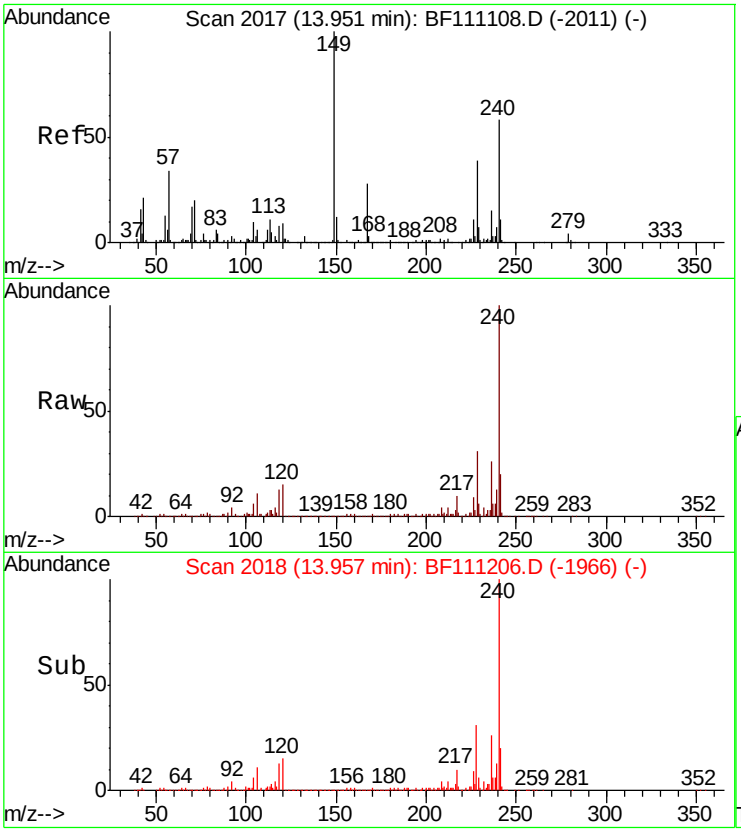


#75
Fluoranthene
Concen: 32.944 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:202 Resp: 2443827

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	35.8
203	18.4	0.0	38.6



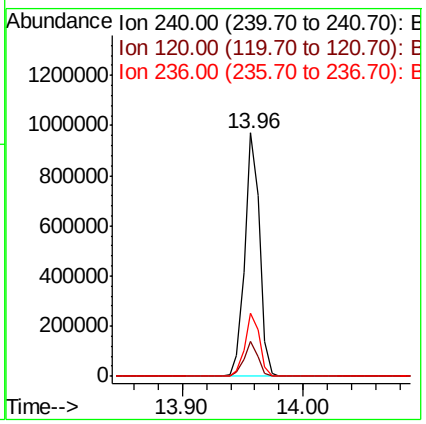


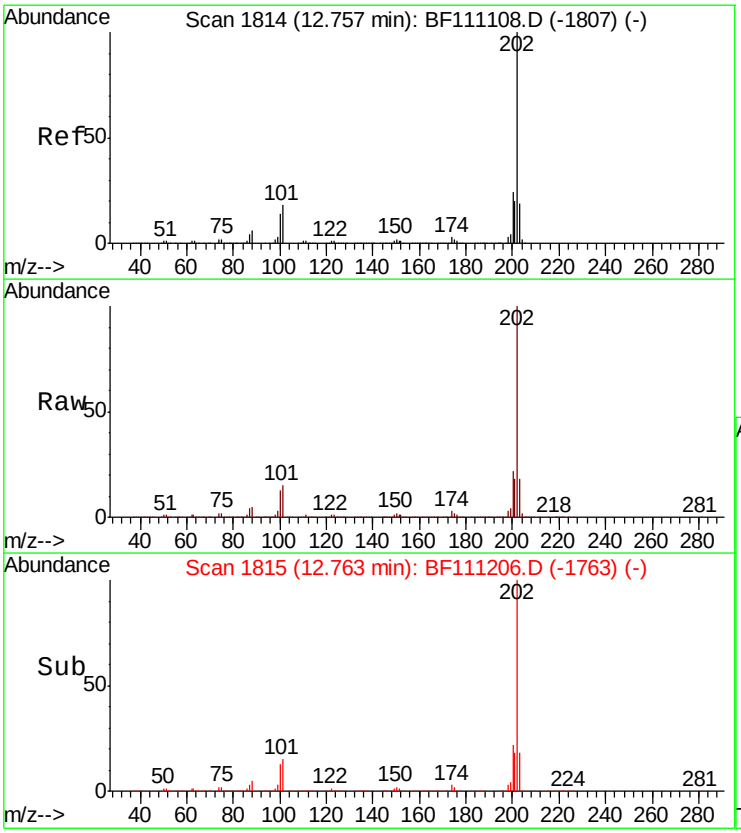
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:240 Resp: 833579

Ion	Ratio	Lower	Upper
240	100		
120	14.5	12.8	19.2
236	25.7	21.1	31.7

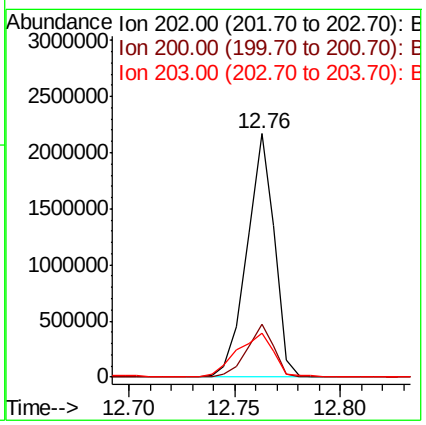


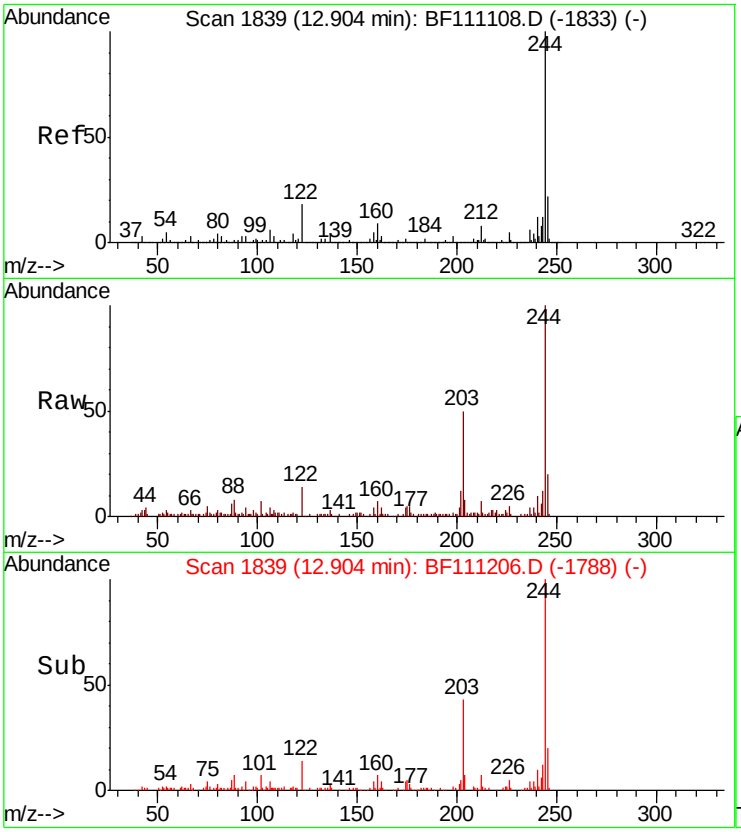


#78
Pyrene
Concen: 30.180 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:202 Resp: 1959922

Ion	Ratio	Lower	Upper
202	100		
200	21.8	19.3	28.9
203	18.3	15.4	23.2



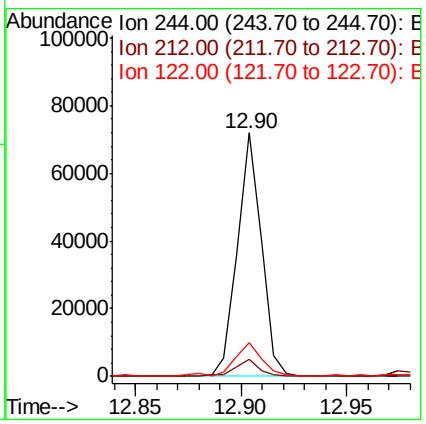


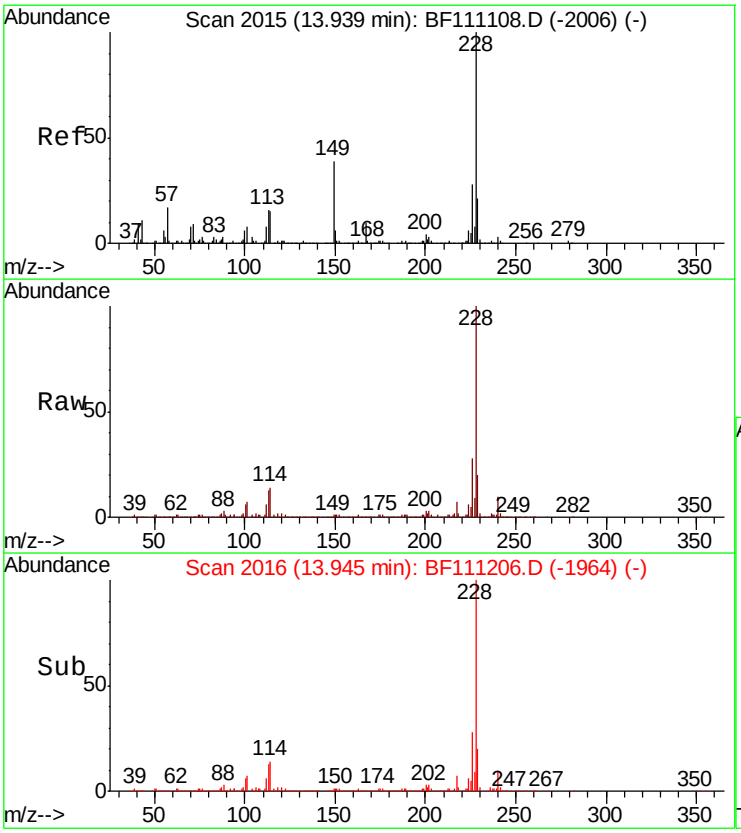
#79
Terphenyl-d14
Concen: 1.386 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:244 Resp: 56417

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	9.8
122	13.7	14.2	21.2#

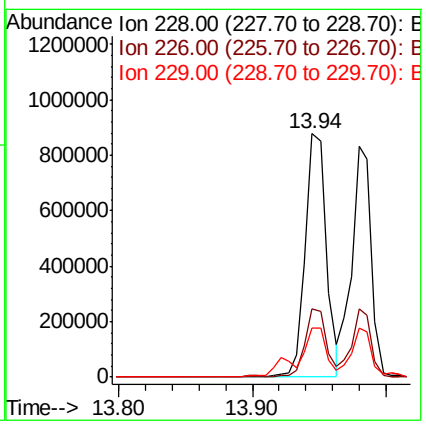


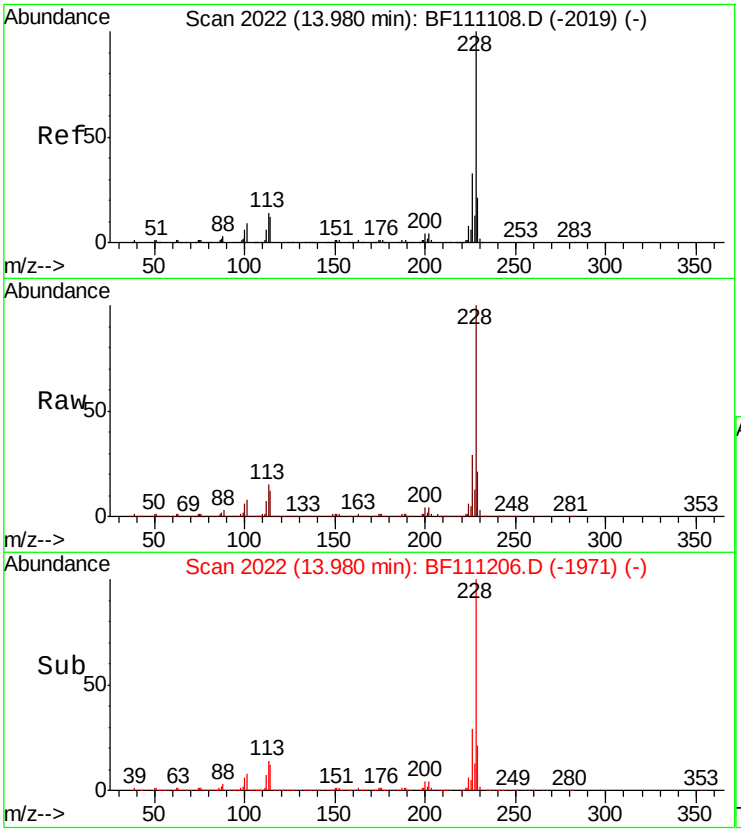


#81
Benzo(a)anthracene
Concen: 19.373 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:228 Resp: 946152

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.2	16.7	25.1



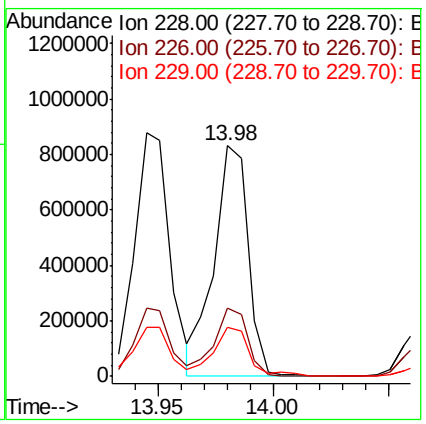


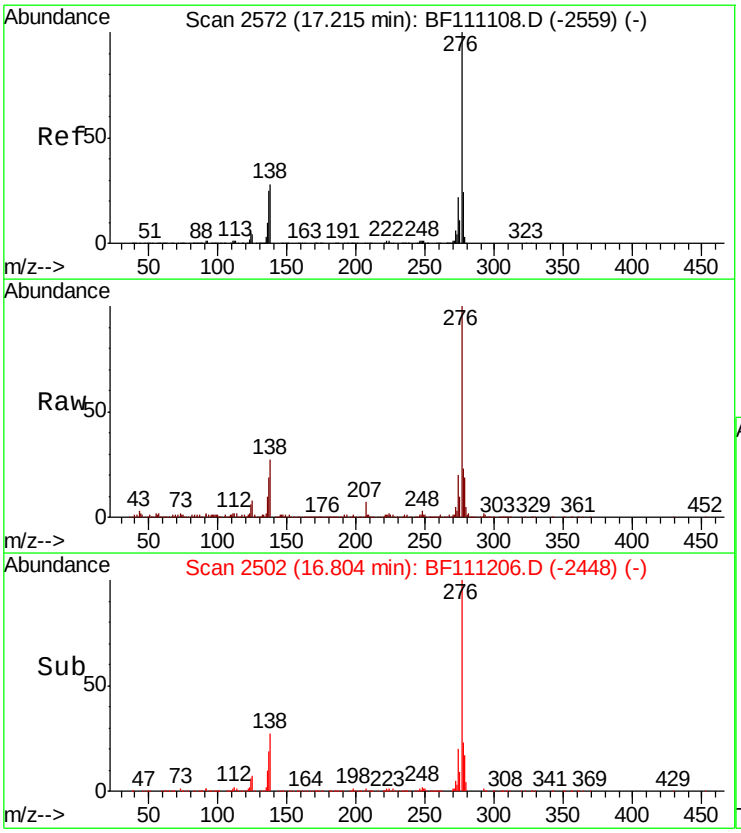
#83
Chrysene
Concen: 17.582 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:228 Resp: 852476

Ion	Ratio	Lower	Upper
228	100		
226	29.3	26.2	39.2
229	21.2	16.9	25.3

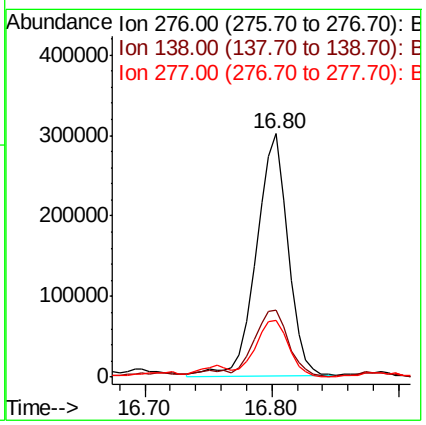


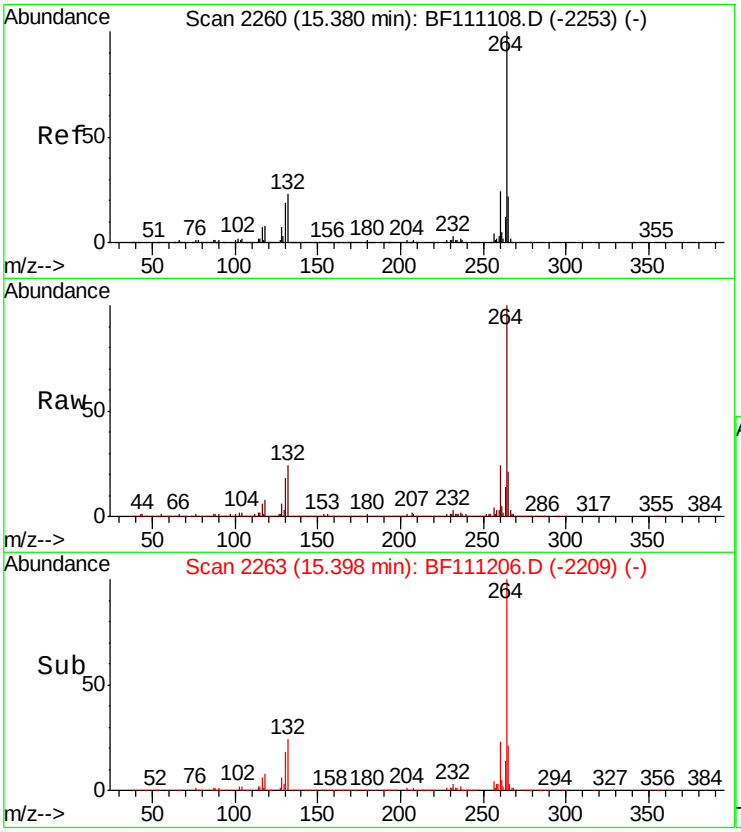


#86
Indeno(1,2,3-cd)pyrene
Concen: 13.448 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.02 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:276 Resp: 523515

Ion	Ratio	Lower	Upper
276	100		
138	31.3	20.2	30.4#
277	23.9	15.8	23.6#



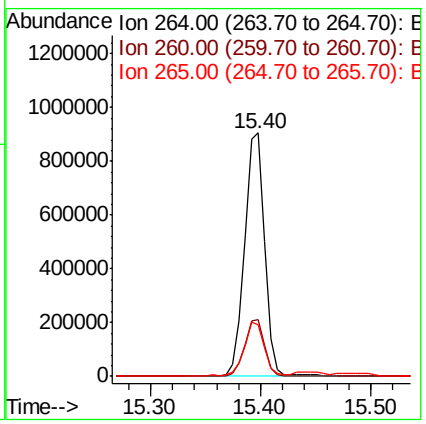


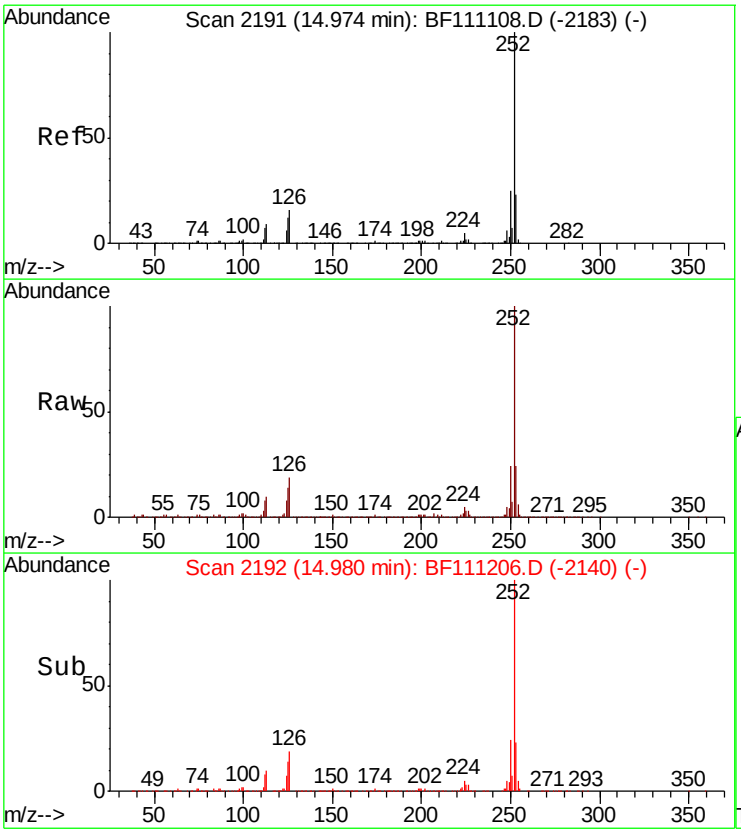
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:264 Resp: 1156815

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.0	17.4	26.0

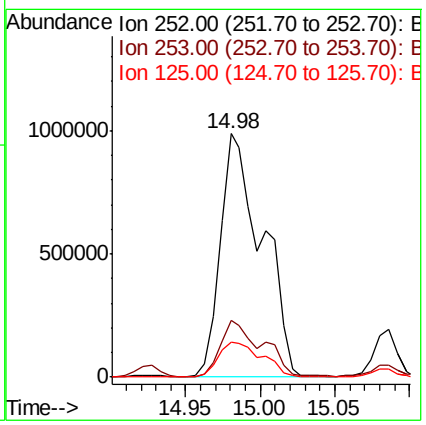


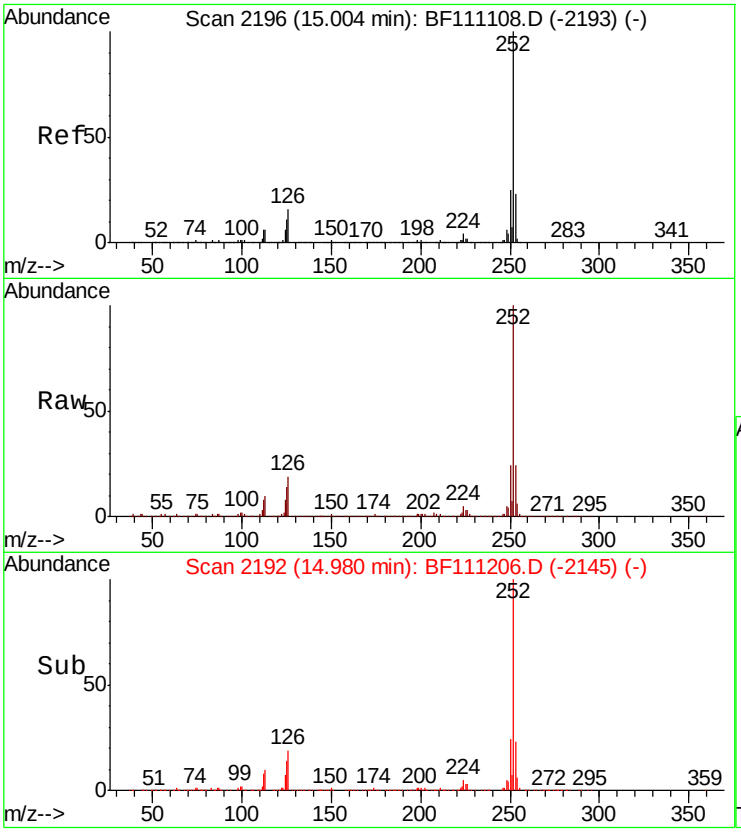


#88
Benzo(b)fluoranthene
Concen: 29.357 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:252 Resp: 1924378

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	14.4	9.9	14.9



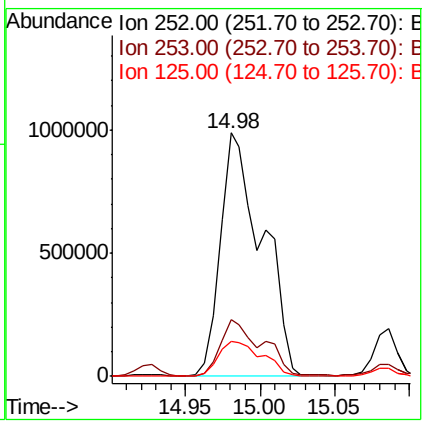


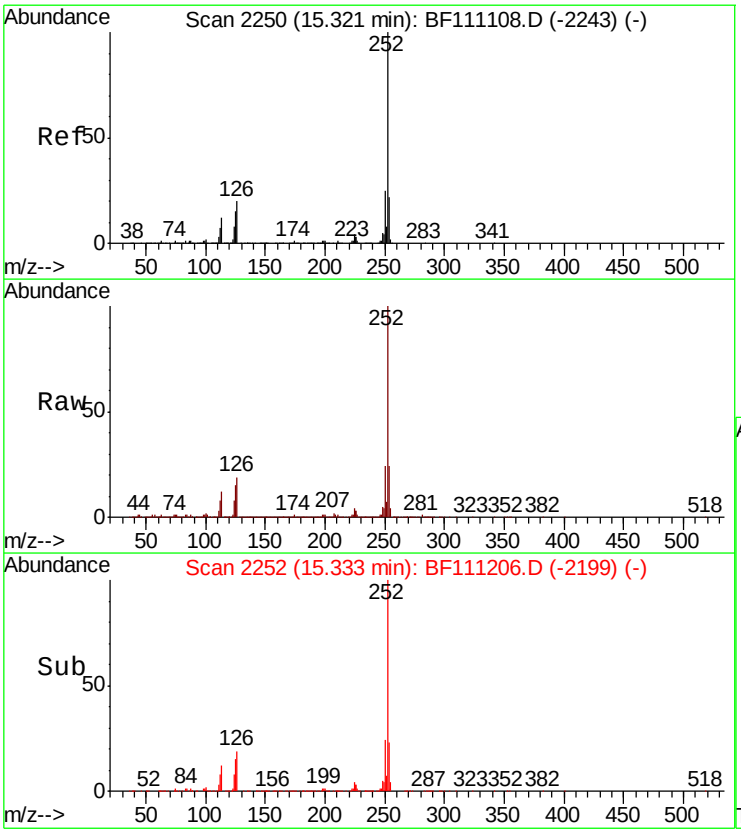
#89
Benzo(k)fluoranthene
Concen: 30.368 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:252 Resp: 1924378

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	14.4	9.9	14.9

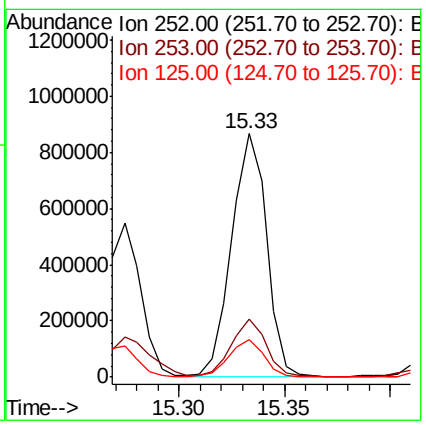


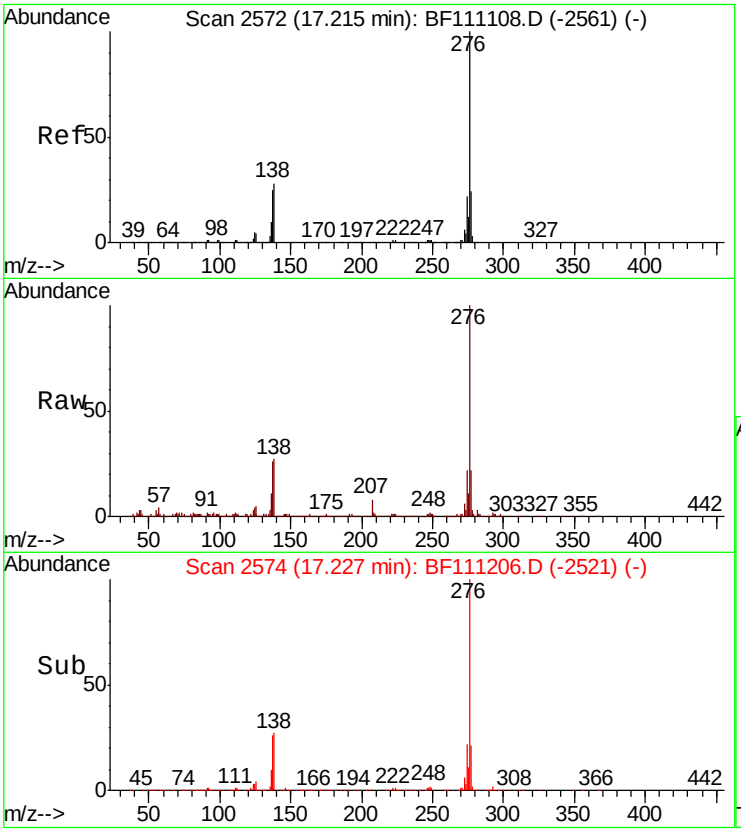


#90
Benzo(a)pyrene
Concen: 16.461 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Tgt Ion:252 Resp: 989718

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	15.4	12.4	18.6





#92
Benzo(g,h,i)perylene
Concen: 8.431 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF111206.D
Acq: 8 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)DL

Tgt Ion:276 Resp: 427508

Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.3	28.9
138	27.3	22.3	33.5