Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111198.D
Acq On : 7 Dec 2018 20:27
Operator : JU/SJ
Sample : J6214-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(13-15)

Quant Time: Dec 07 22:26:26 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	389328	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1548178	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	886624	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1348302	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1112820	20.00	ng		0.00
87) Perylene-d12	15.39	264	925670	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3723265	149.23	ng		0.01
7) Phenol-d6	6.44	99	3943788	122.71	ng		0.00
23) Nitrobenzene-d5	7.36	82	3125658	119.53	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1030111	146.16	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3921746	81.24	ng		0.00
79) Terphenyl-d14	12.91	244	3438855	63.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	3502	Below Cal			95
10) Phenol	6.45	94	294968	8.417	ng		90
15) Benzyl Alcohol	6.96	79	51392	2.018	ng	#	45
19) n-Nitroso-di-n-propylamine	7.36	70	431358	19.972	ng	#	73
25) Isophorone	7.36	82	3111334	64.831	ng	#	65
50) Dimethylphthalate	9.55	163	725992	11.765	ng		98
57) 2,4-Dinitrotoluene	9.84	165	115373	6.828	ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	67453	4.726	ng	#	1
75) Fluoranthene	12.53	202	194445	3.064	ng		96
78) Pyrene	12.76	202	181844	2.097	ng		95
88) Benzo(b)fluoranthene	14.98	252	145826	2.780	ng		98
89) Benzo(k)fluoranthene	14.98	252	145826	2.876	ng		98

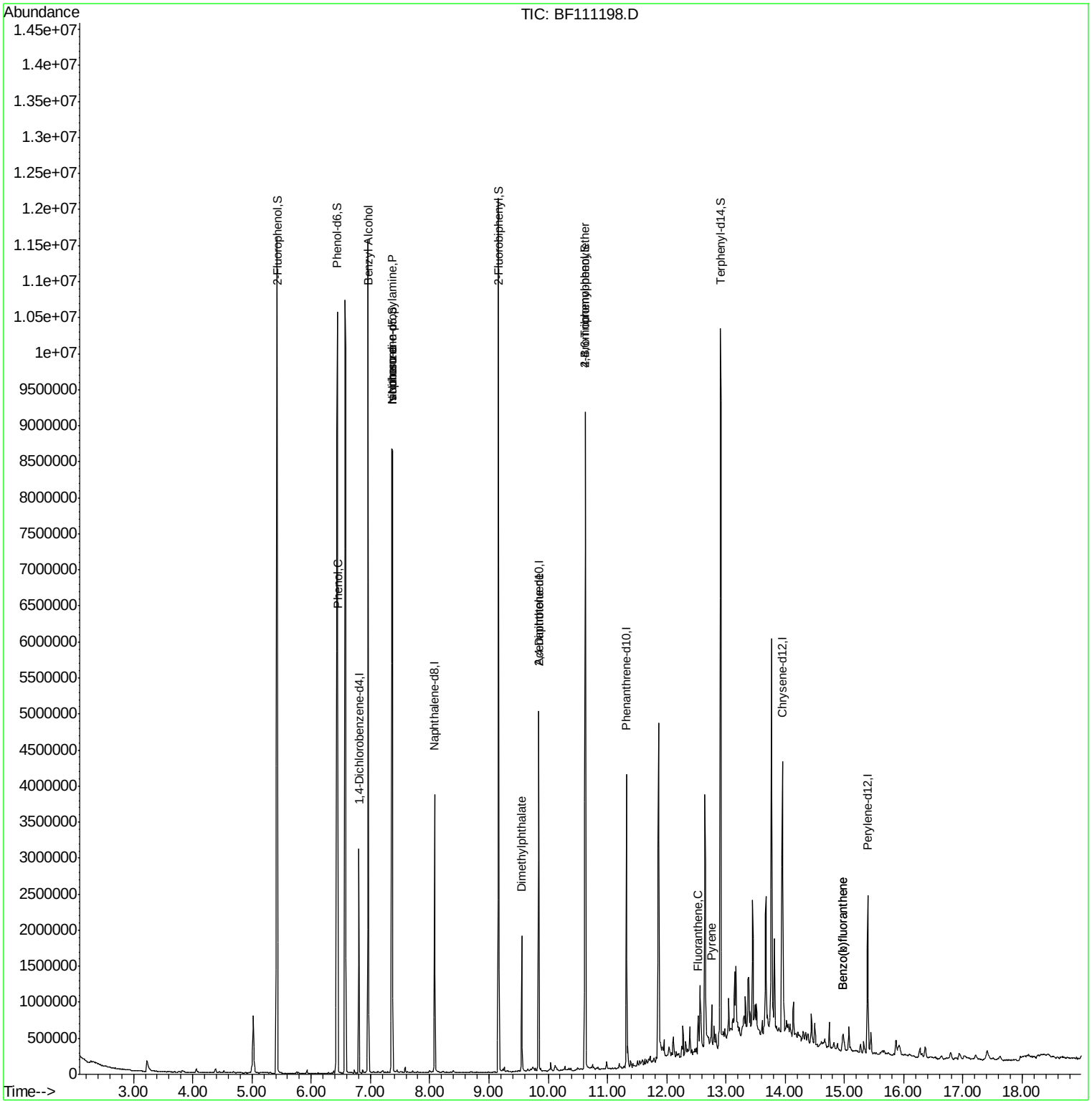
(#) = qualifier out of range (m) = manual integration (+) = signals summed

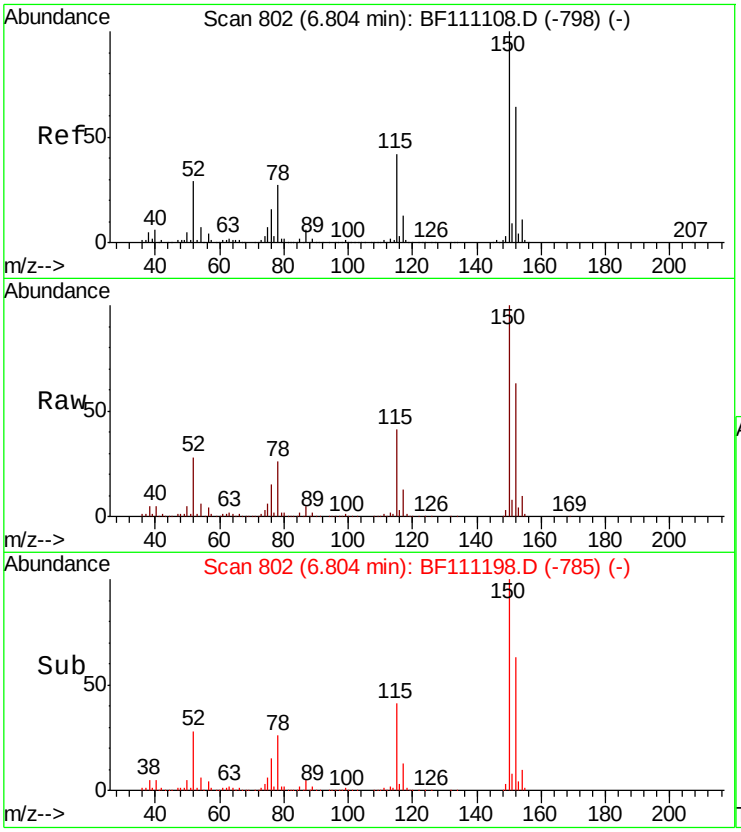
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111198.D
Acq On : 7 Dec 2018 20:27
Operator : JU/SJ
Sample : J6214-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Quant Time: Dec 07 22:26:26 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



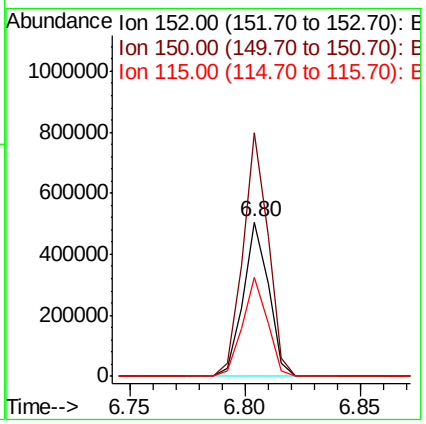


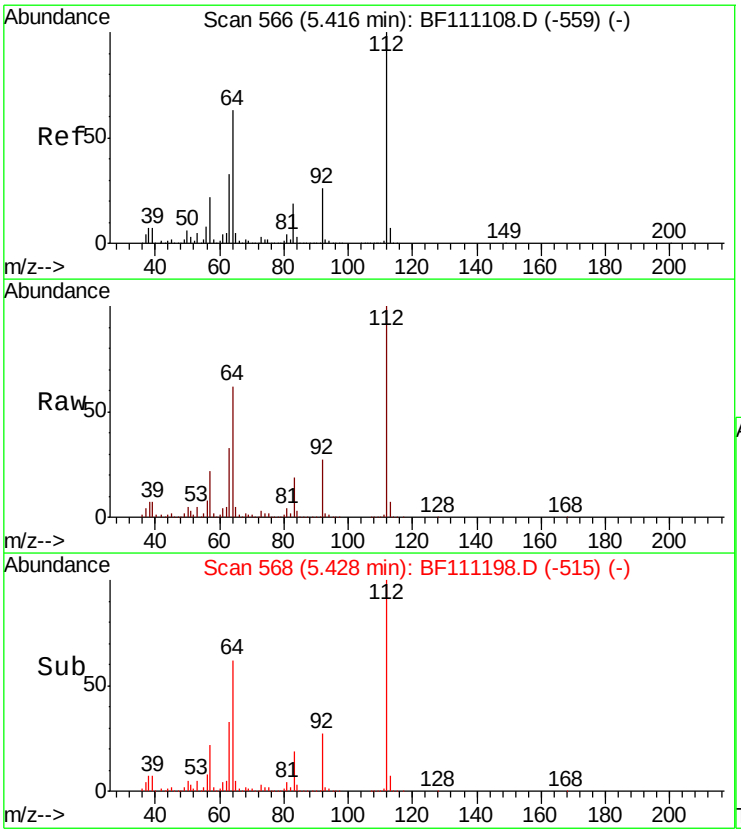
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:152 Resp: 389328

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	187.0
115	64.1	52.2	78.2

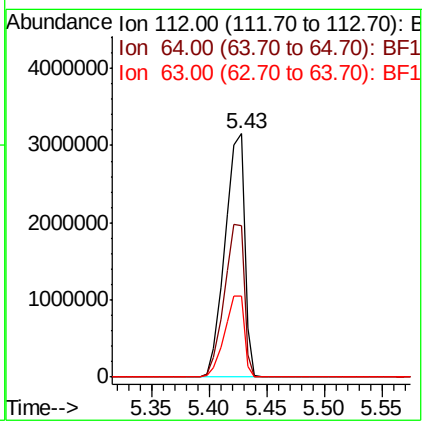


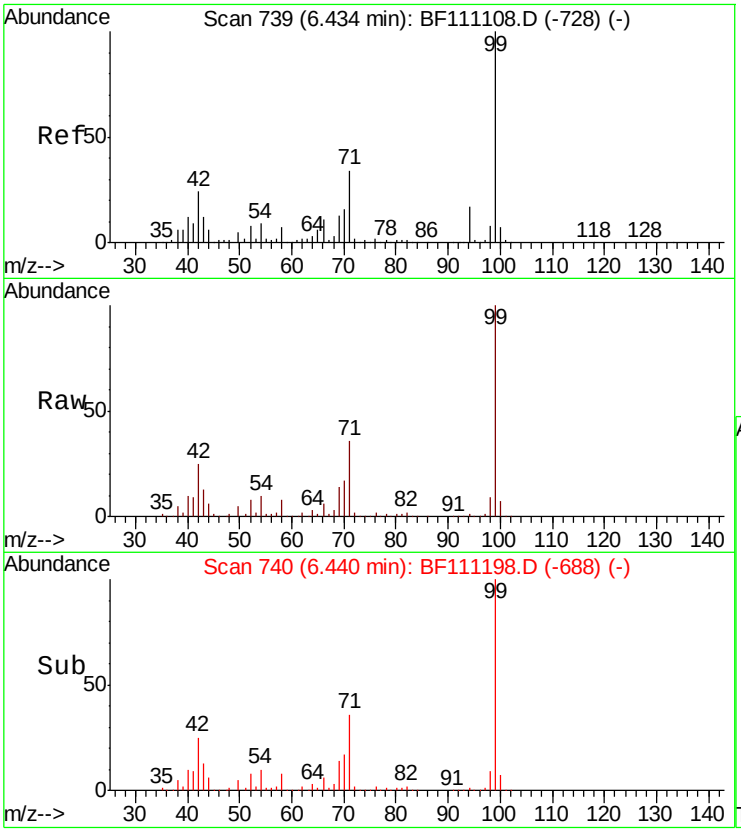


#5
2-Fluorophenol
Concen: 149.231 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:112 Resp: 3723265

Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.4
63	33.3	26.6	39.8



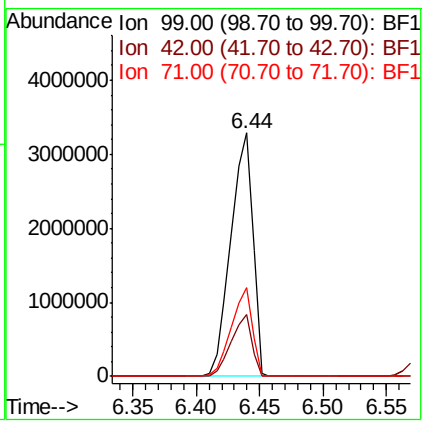


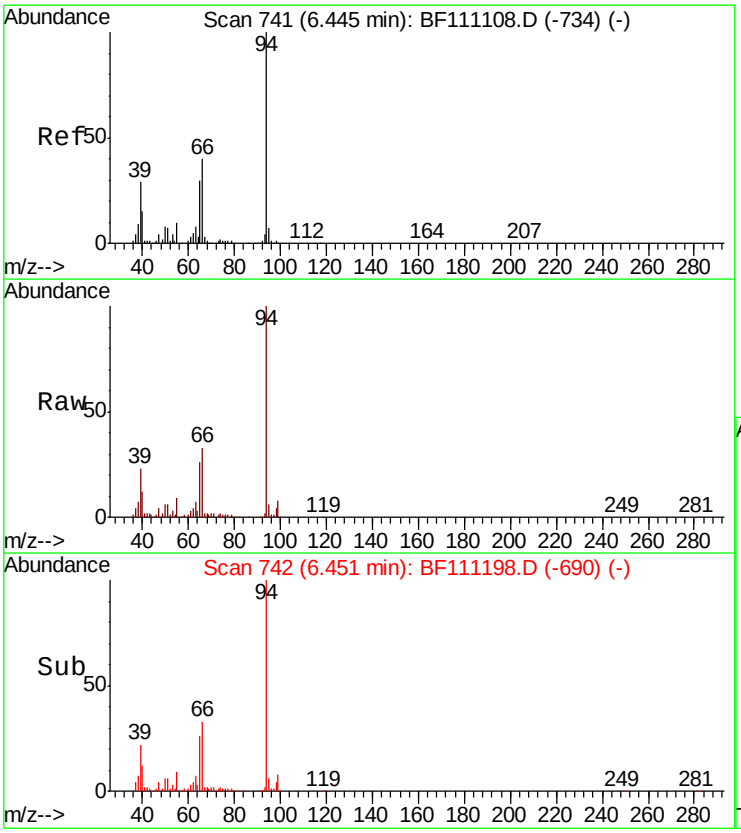
#7
Phenol-d6
Concen: 122.709 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion: 99 Resp: 3943788

Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.3	28.9
71	36.5	27.4	41.2

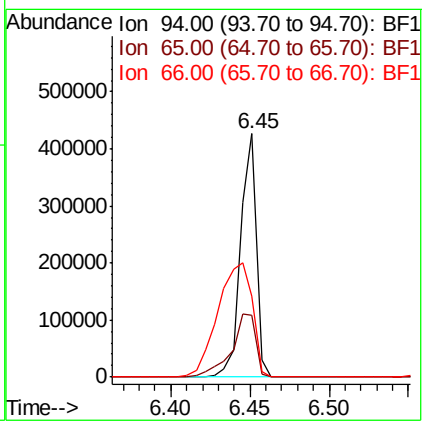


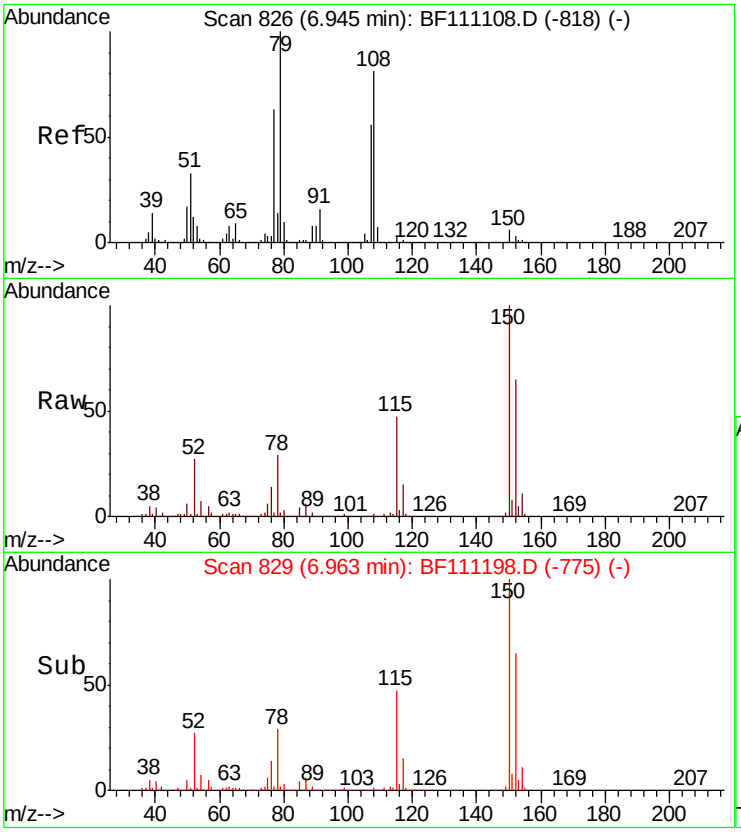


#10
Phenol
Concen: 8.417 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion: 94 Resp: 294968

Ion	Ratio	Lower	Upper
94	100		
65	25.6	10.5	50.5
66	33.1	19.8	59.8



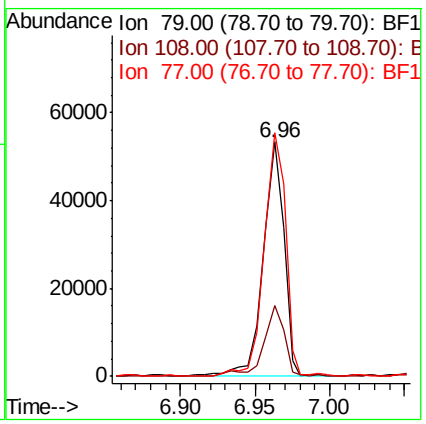


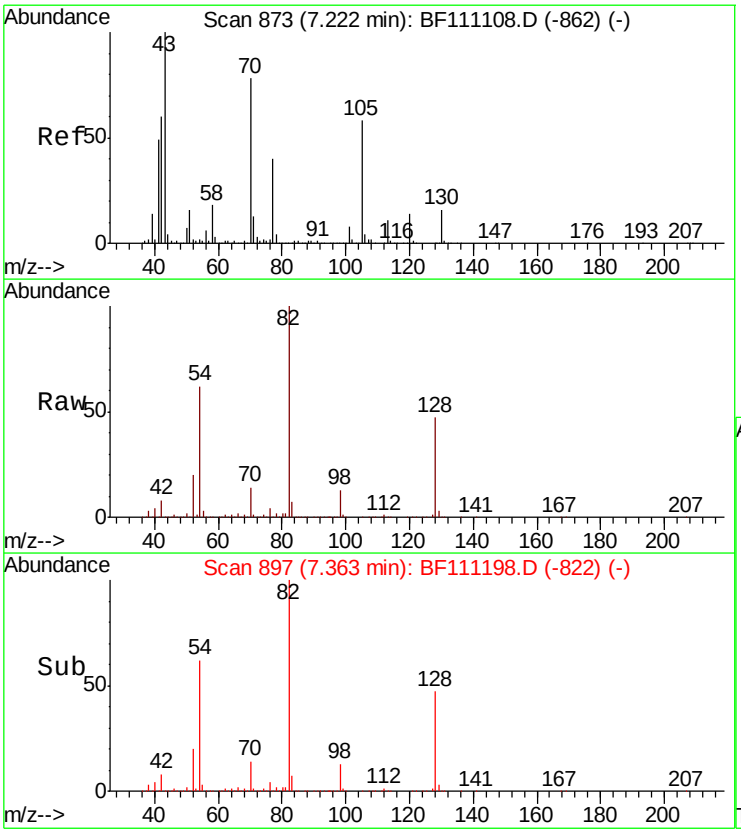
#15
Benzyl Alcohol
Concen: 2.018 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.02 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion: 79 Resp: 51392

Ion	Ratio	Lower	Upper
79	100		
108	30.1	64.5	96.7#
77	103.8	50.5	75.7#

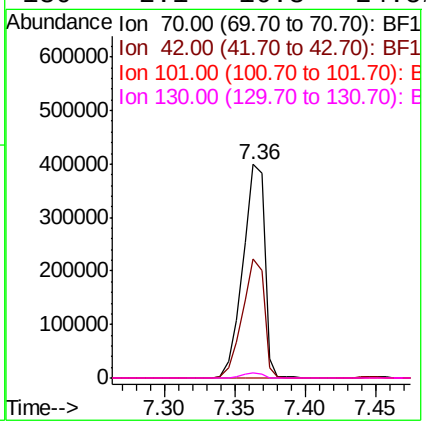


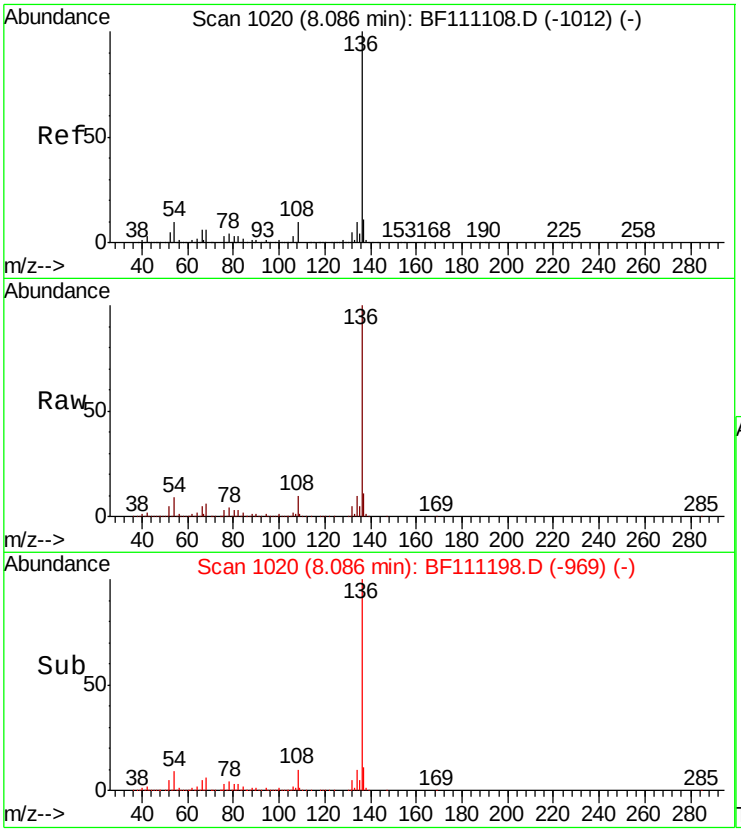


#19
n-Nitroso-di-n-propylamine
Concen: 19.972 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion: 70 Resp: 431358

Ion	Ratio	Lower	Upper
70	100		
42	55.5	61.3	91.9#
101	0.0	7.7	11.5#
130	2.1	16.3	24.5#



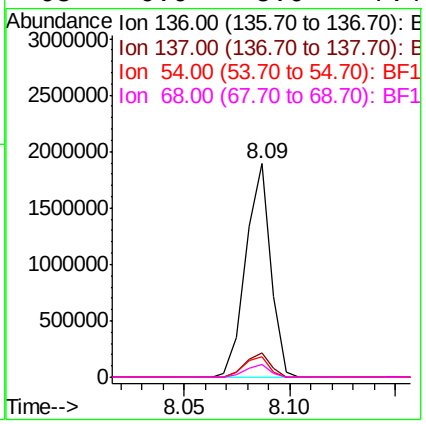


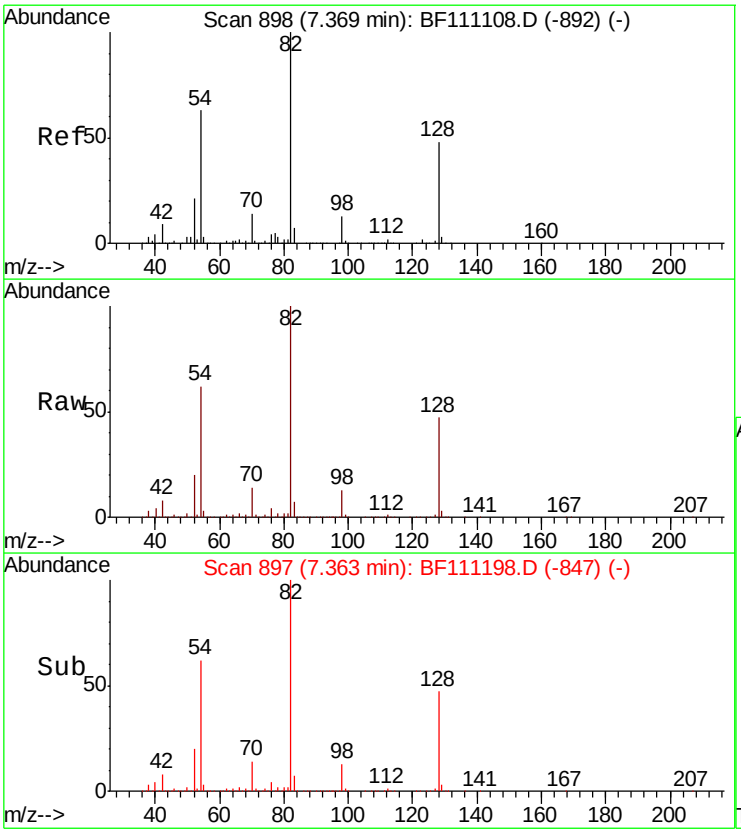
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:136 Resp: 1548178

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.5	8.4	12.6
68	6.0	5.0	7.4

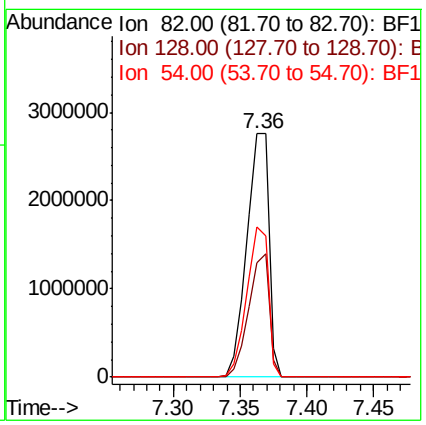


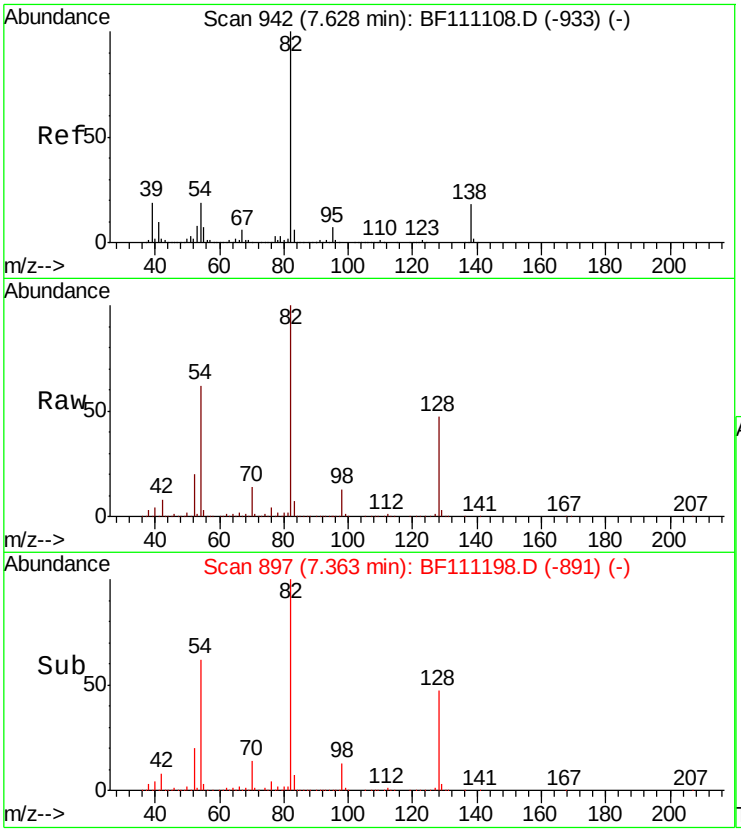


#23
Nitrobenzene-d5
Concen: 119.527 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion: 82 Resp: 3125658

Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.1	57.1
54	61.6	50.3	75.5



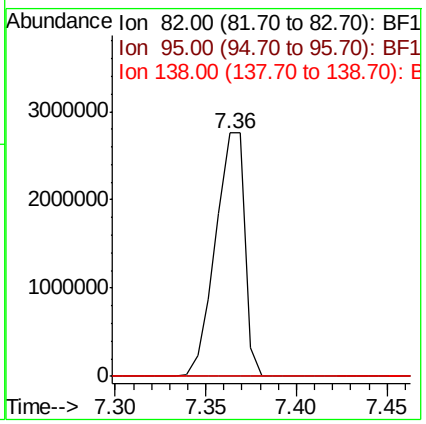


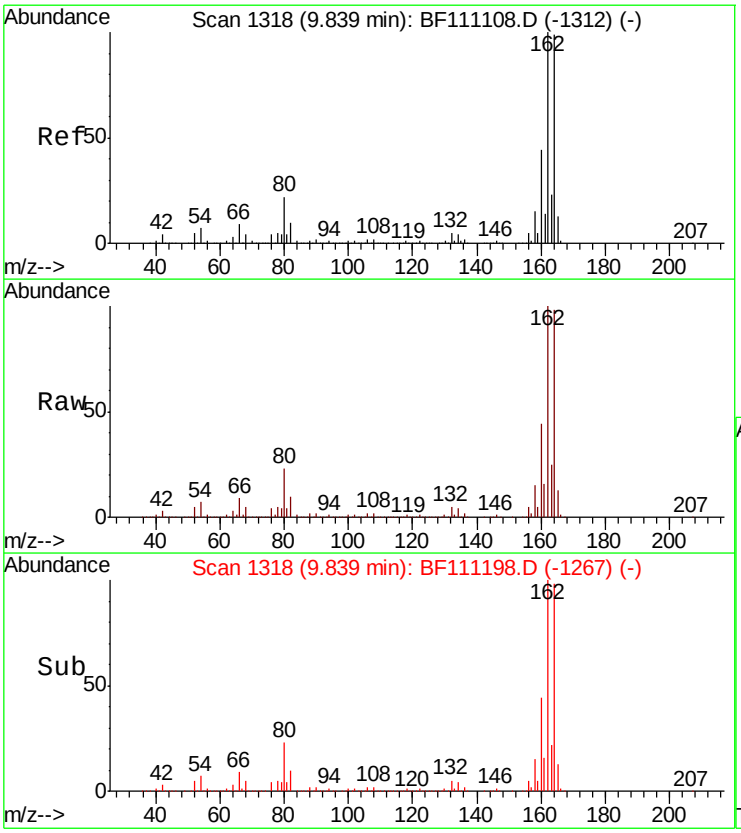
#25
Isophorone
Concen: 64.831 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion: 82 Resp: 3111334

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

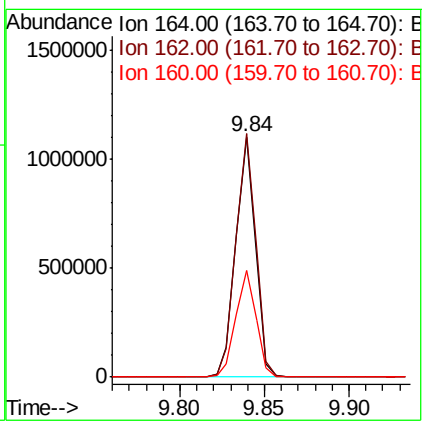


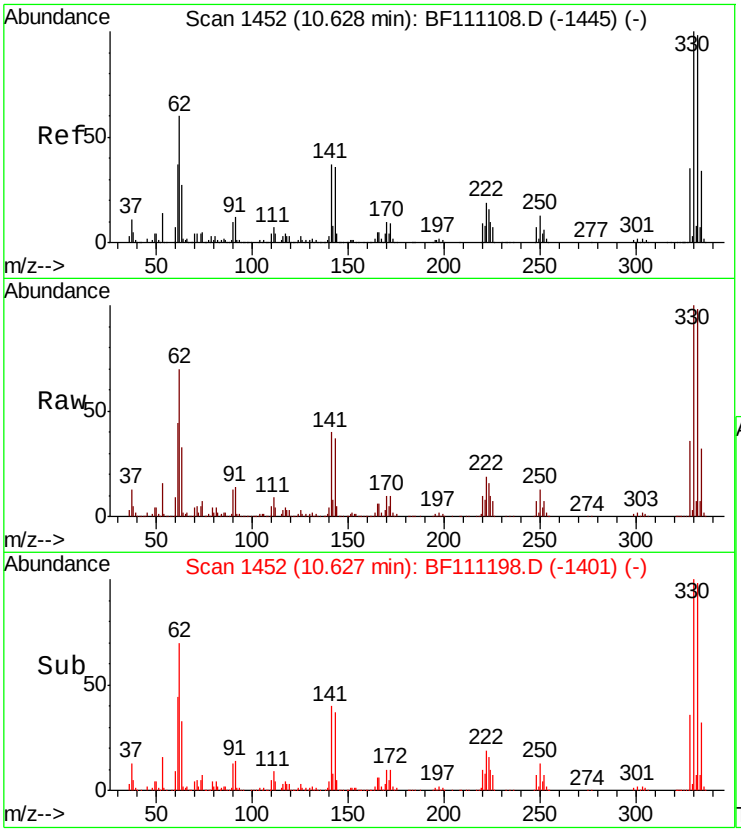


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:164 Resp: 886624

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	44.3	35.5	53.3



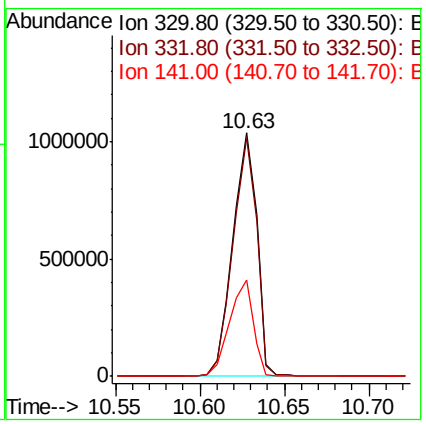


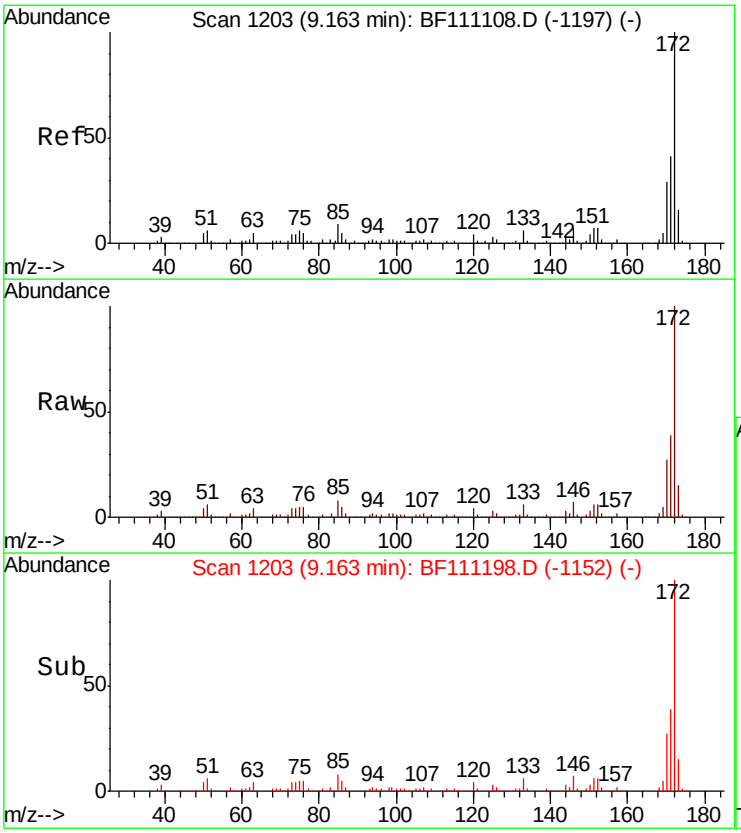
#42
2,4,6-Tribromophenol
Concen: 146.164 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:330 Resp: 1030111

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.2	115.8
141	39.3	36.1	54.1

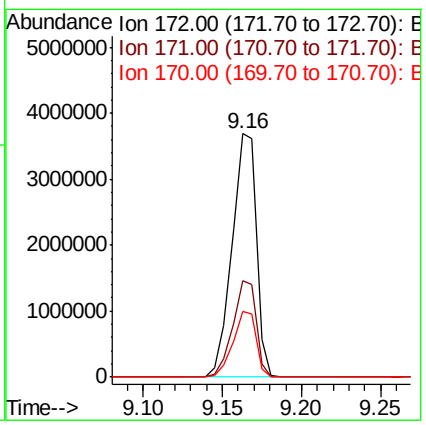


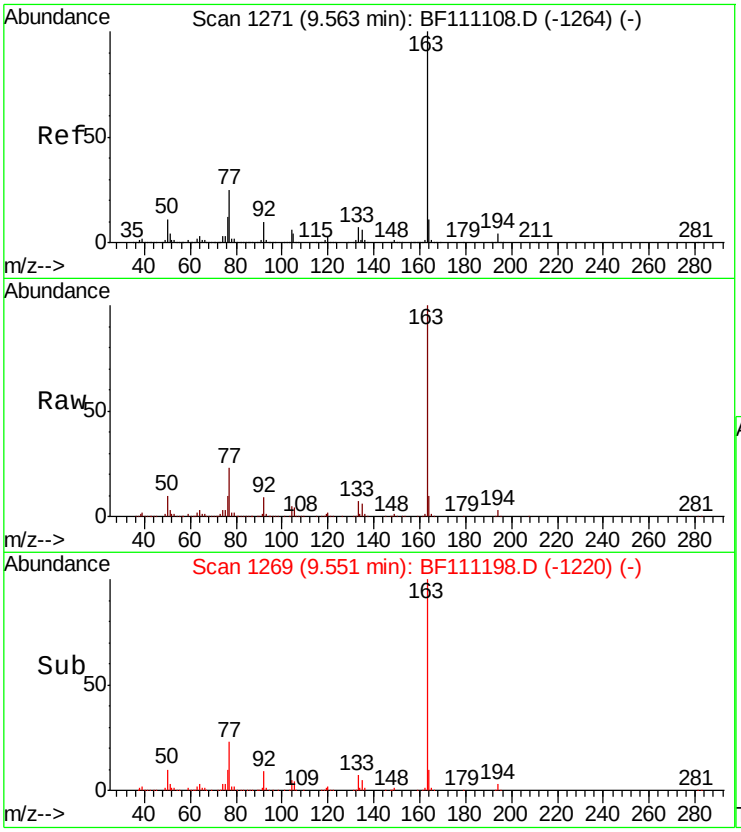


#45
2-Fluorobiphenyl
Concen: 81.241 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:172 Resp: 3921746

Ion	Ratio	Lower	Upper
172	100		
171	39.5	33.2	49.8
170	26.9	22.9	34.3



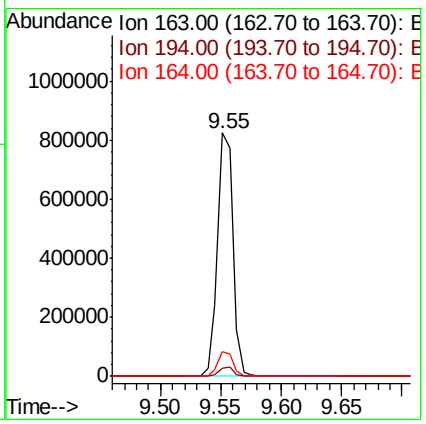


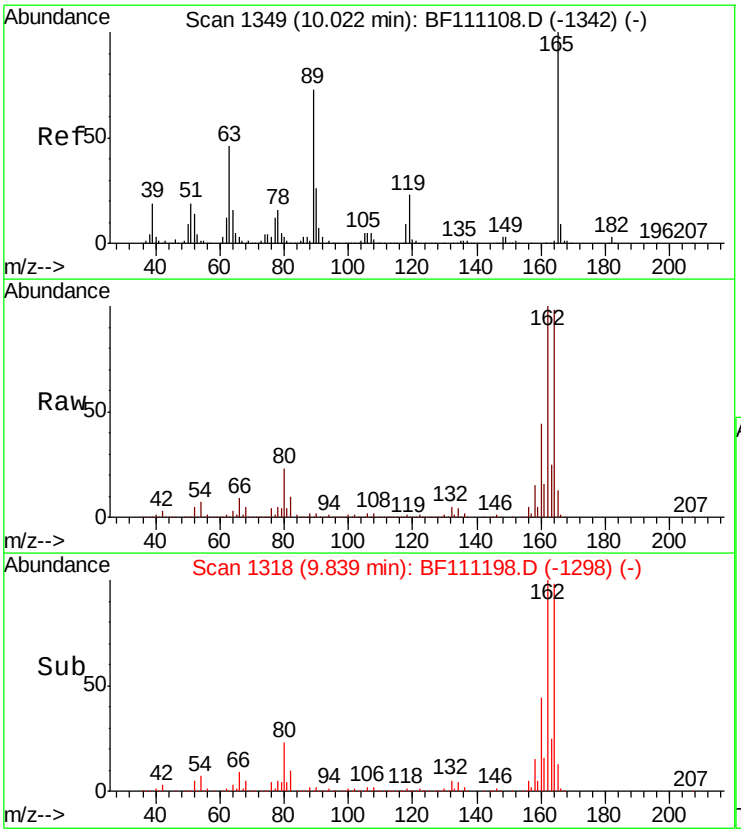
#50
Dimethylphthalate
Concen: 11.765 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:163 Resp: 725992

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.1	8.9	13.3

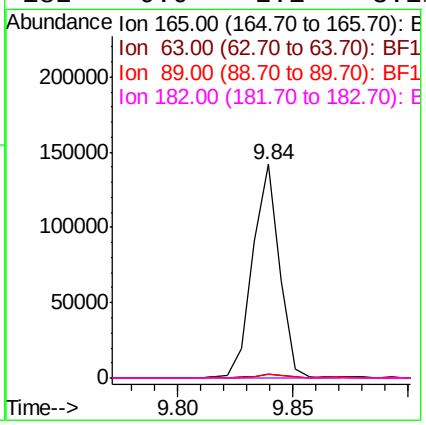


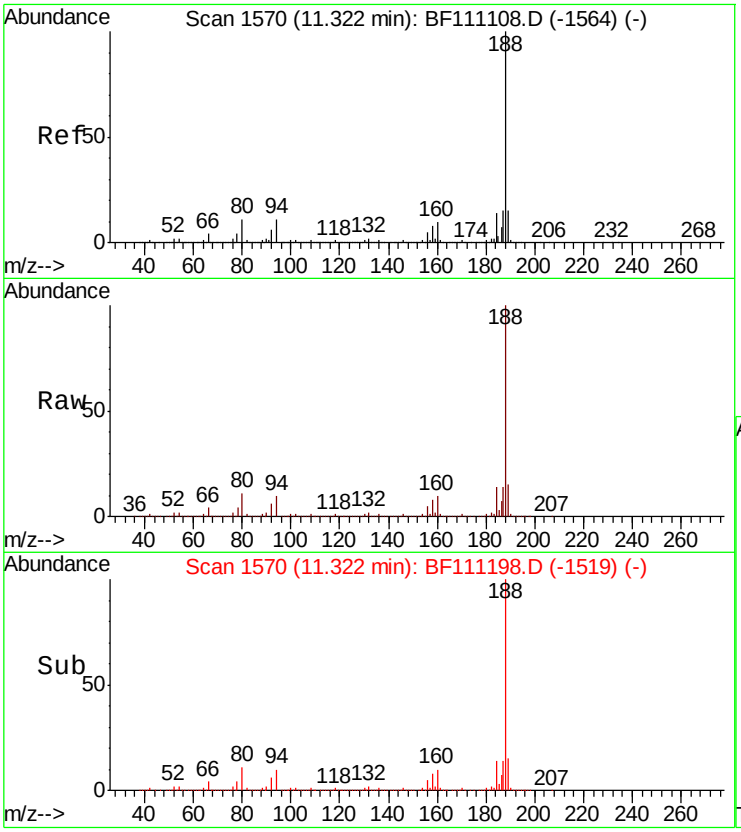


#57
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:165 Resp: 115373

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.7	55.1#
89	1.6	58.4	87.6#
182	0.0	2.1	3.1#



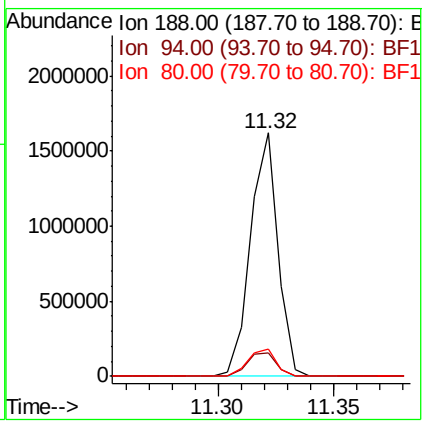


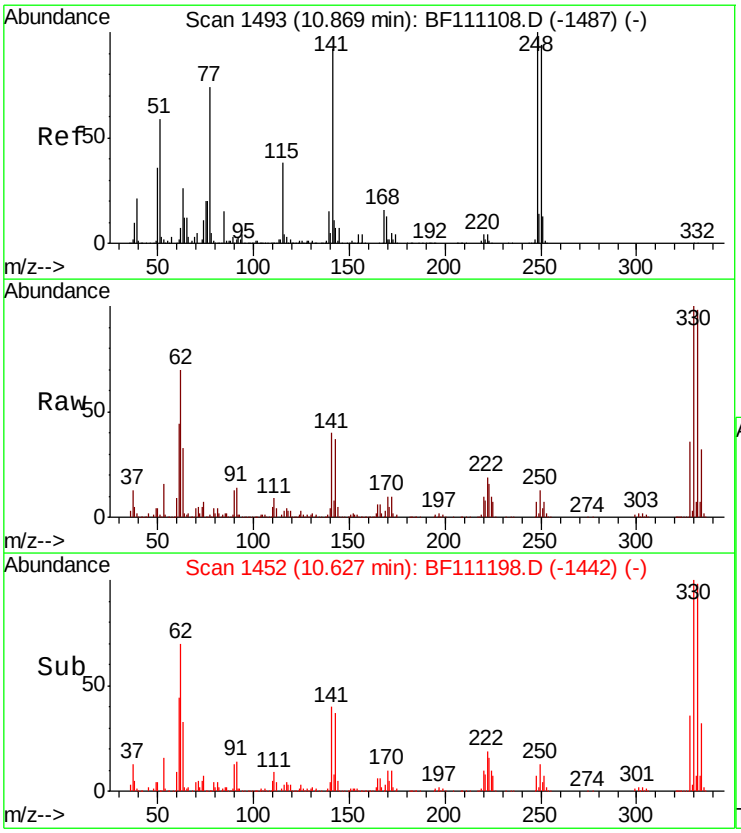
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:188 Resp: 1348302

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.0	9.0	13.6

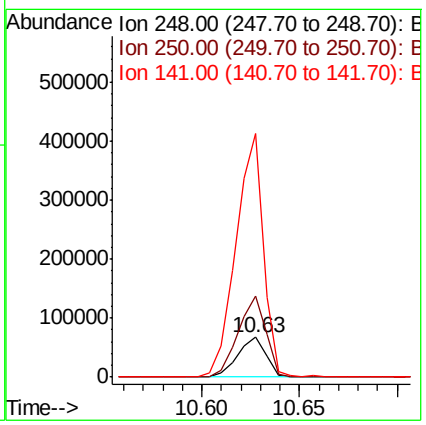


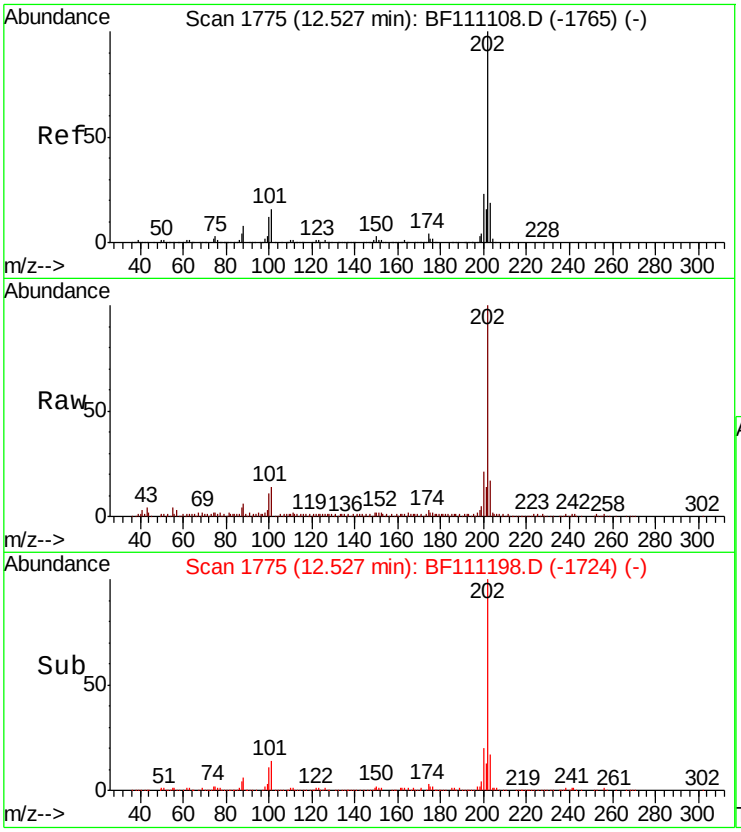


#67
4-Bromophenyl-phenylether
Concen: 4.726 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:248 Resp: 67453

Ion	Ratio	Lower	Upper
248	100		
250	203.2	75.4	113.0#
141	608.8	73.8	110.6#



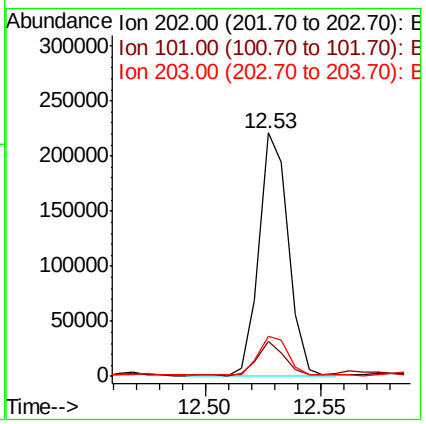


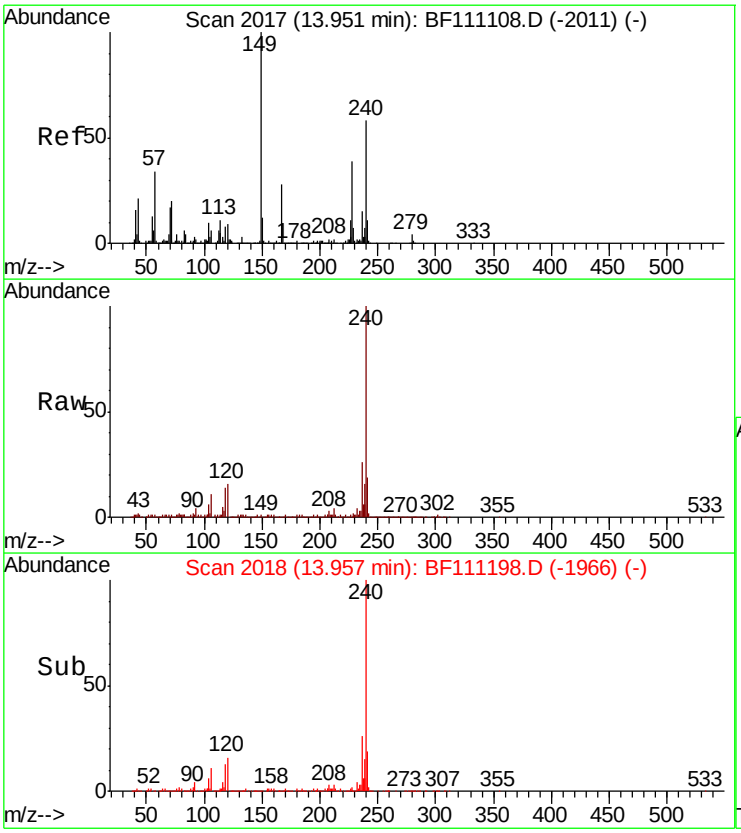
#75
Fluoranthene
Concen: 3.064 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:202 Resp: 194445

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	35.8
203	16.7	0.0	38.6

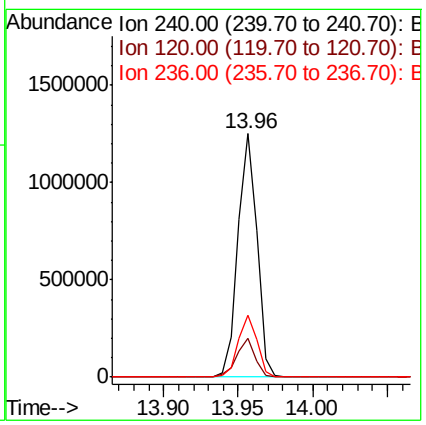


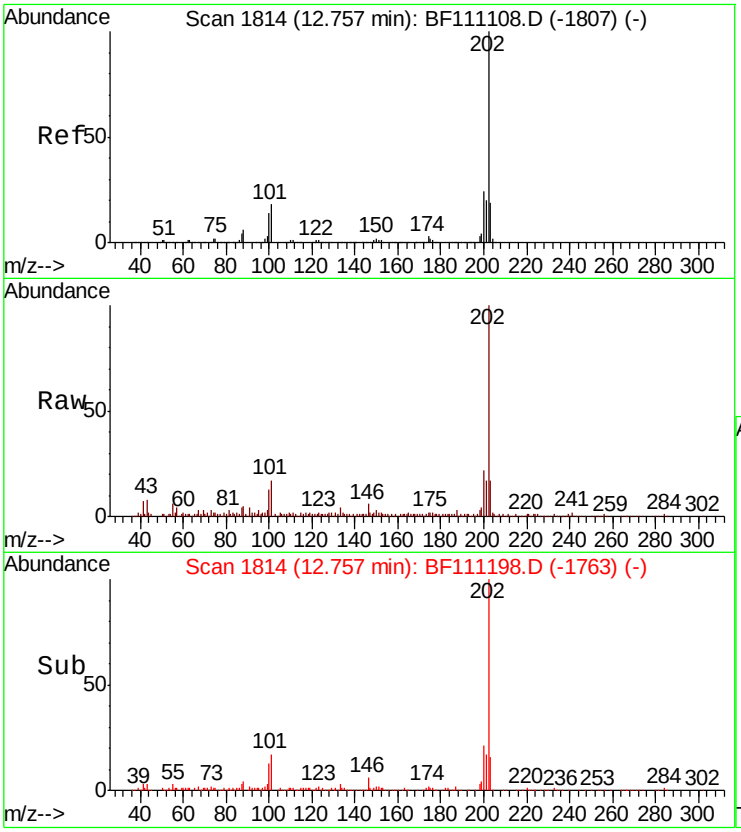


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:240 Resp: 1112820

Ion	Ratio	Lower	Upper
240	100		
120	15.9	12.8	19.2
236	25.6	21.1	31.7



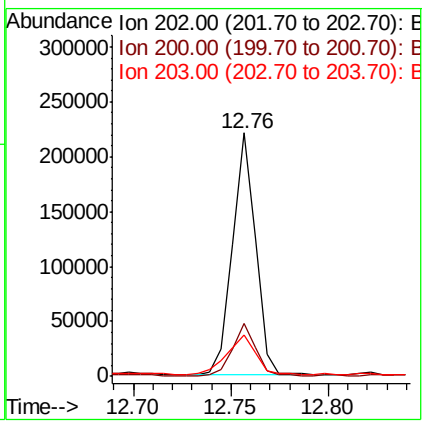


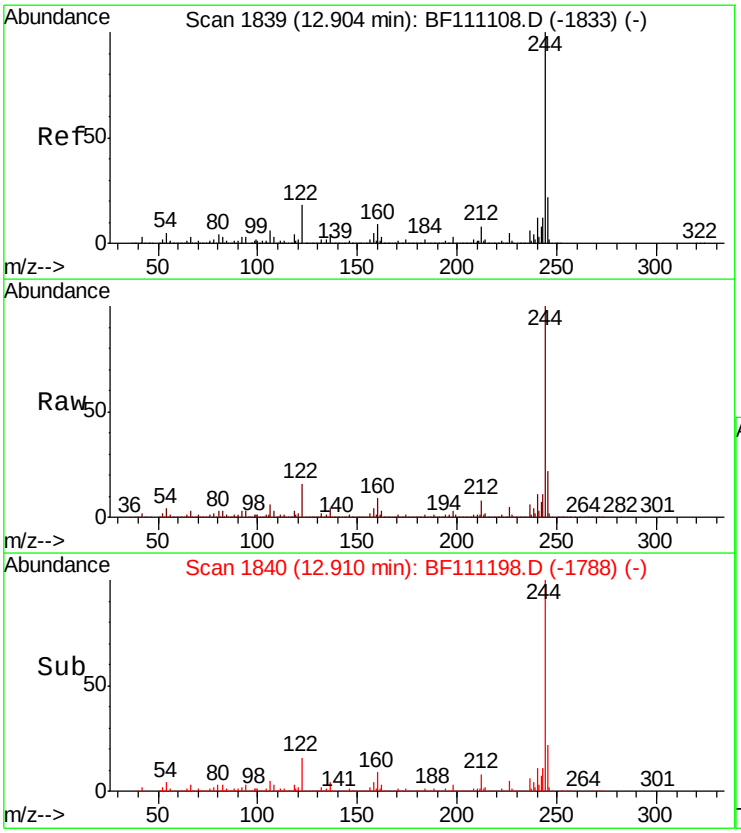
#78
Pyrene
Concen: 2.097 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:202 Resp: 181844

Ion	Ratio	Lower	Upper
202	100		
200	21.6	19.3	28.9
203	17.0	15.4	23.2

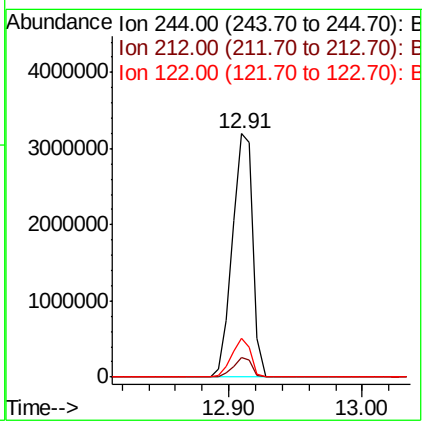


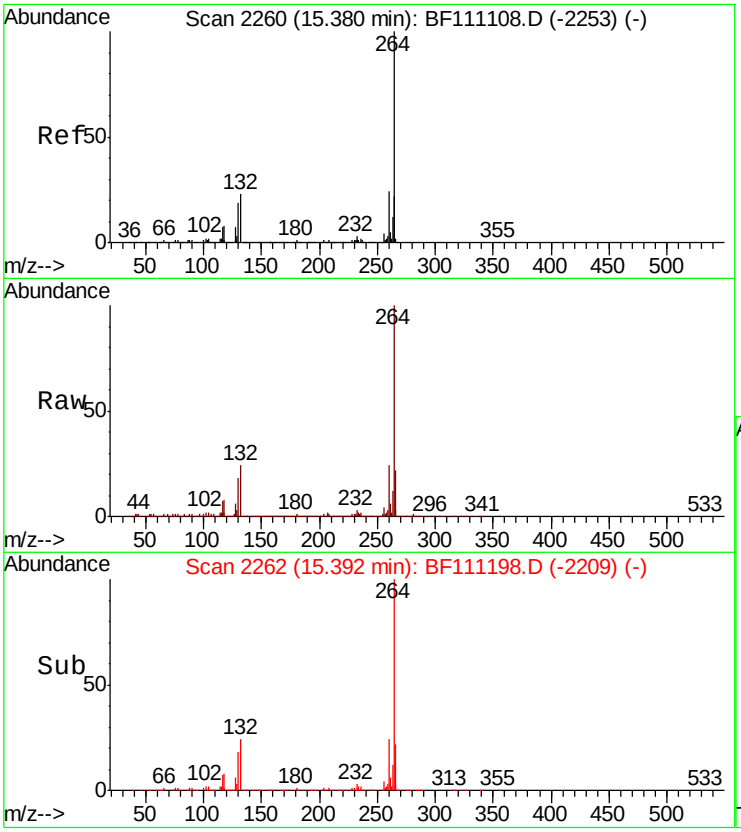


#79
Terphenyl-d14
Concen: 63.287 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:244 Resp: 3438855

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	16.0	14.2	21.2



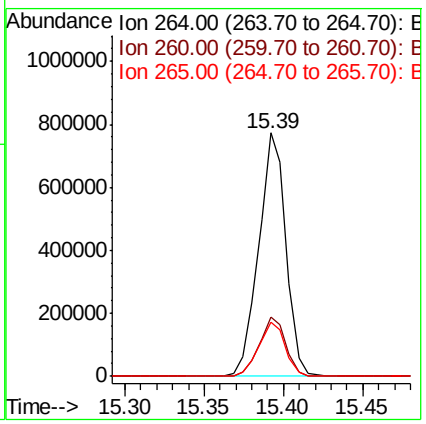


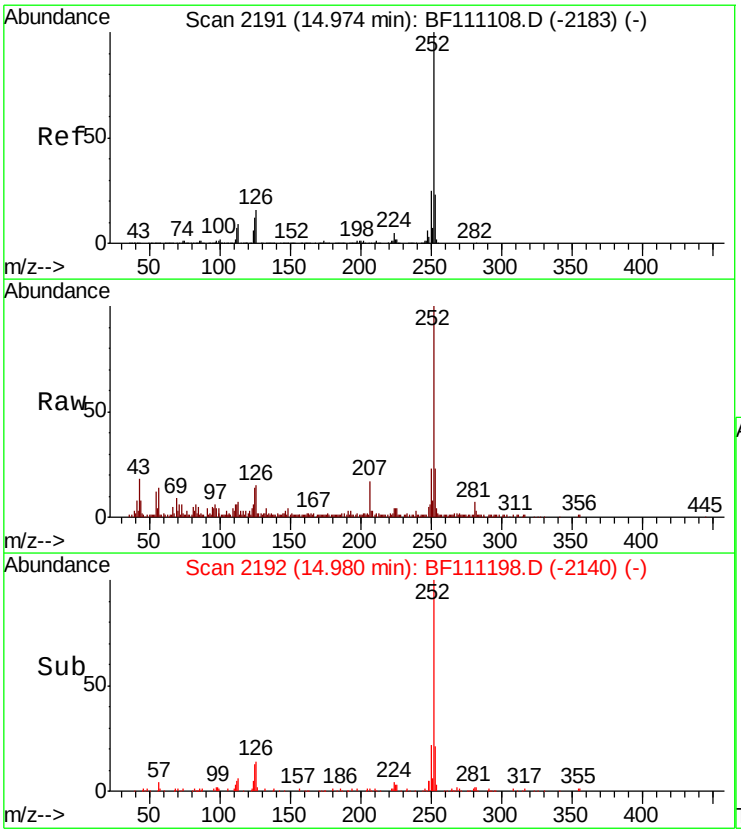
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:264 Resp: 925670

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	22.1	17.4	26.0

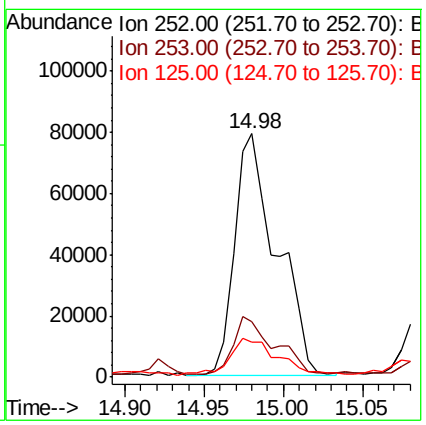


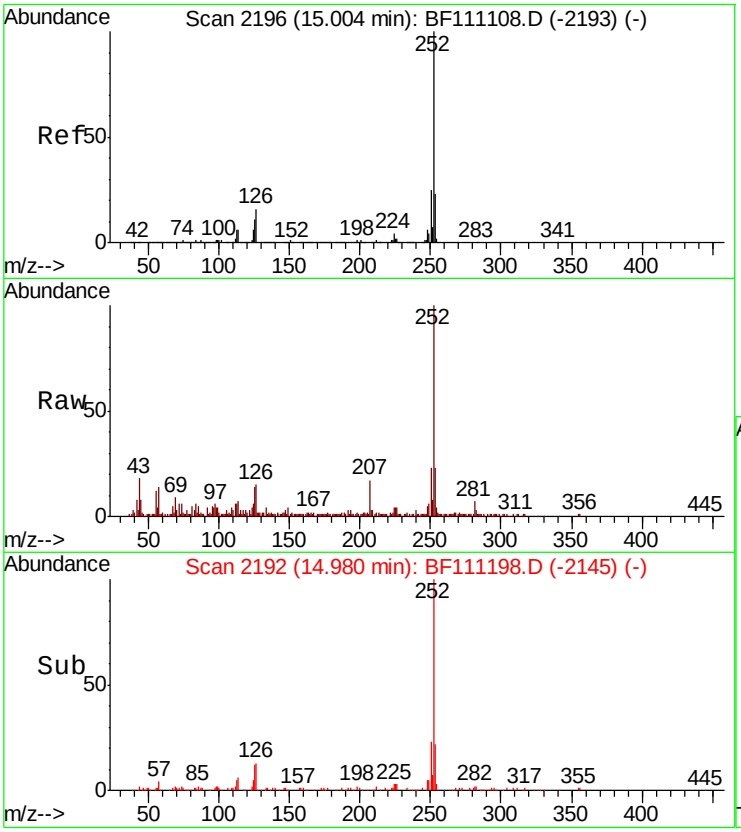


#88
Benzo(b)fluoranthene
Concen: 2.780 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:252 Resp: 145826

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	14.5	9.9	14.9





#89
Benzo(k)fluoranthene
Concen: 2.876 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:252 Resp: 145826

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	14.5	9.9	14.9