Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110527.D
Acq On : 6 Nov 2018 20:46
Operator : JU/SJ
Sample : J5827-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 07 08:45:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	95995	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	375059	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	155925	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	225034	20.00	ng		0.00
76) Chrysene-d12	14.13	240	180181	20.00	ng		0.00
87) Perylene-d12	15.66	264	133733	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	558354	94.72	ng		0.00
7) Phenol-d6	6.58	99	709433	94.09	ng		0.00
23) Nitrobenzene-d5	7.52	82	454550	71.88	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	121429	78.62	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	757325	76.27	ng		0.00
79) Terphenyl-d14	13.07	244	463288	53.47	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	48832	6.06	ng	#	65
19) n-Nitroso-di-n-propylamine	7.52	70	58304	12.05	ng	#	83
25) Isophorone	7.52	82	454547	42.17	ng	#	67
50) Dimethylphthalate	9.70	163	145079	12.60	ng		98
57) 2,4-Dinitrotoluene	9.99	165	19617	6.23	ng	#	18
67) 4-Bromophenyl-phenylether	10.79	248	8045	3.30	ng	#	1
75) Fluoranthene	12.70	202	38569	3.23	ng		99
78) Pyrene	12.94	202	34902	2.70	ng		95
83) Chrysene	14.16	228	26029	2.56	ng		99
88) Benzo(b)fluoranthene	15.20	252	50462	6.53	ng	#	89
89) Benzo(k)fluoranthene	15.20	252	50462	6.65	ng	#	88
90) Benzo(a)pyrene	15.59	252	20217	2.85	ng	#	87
92) Benzo(g,h,i)perylene	17.71	276	14543	2.41	ng	#	87

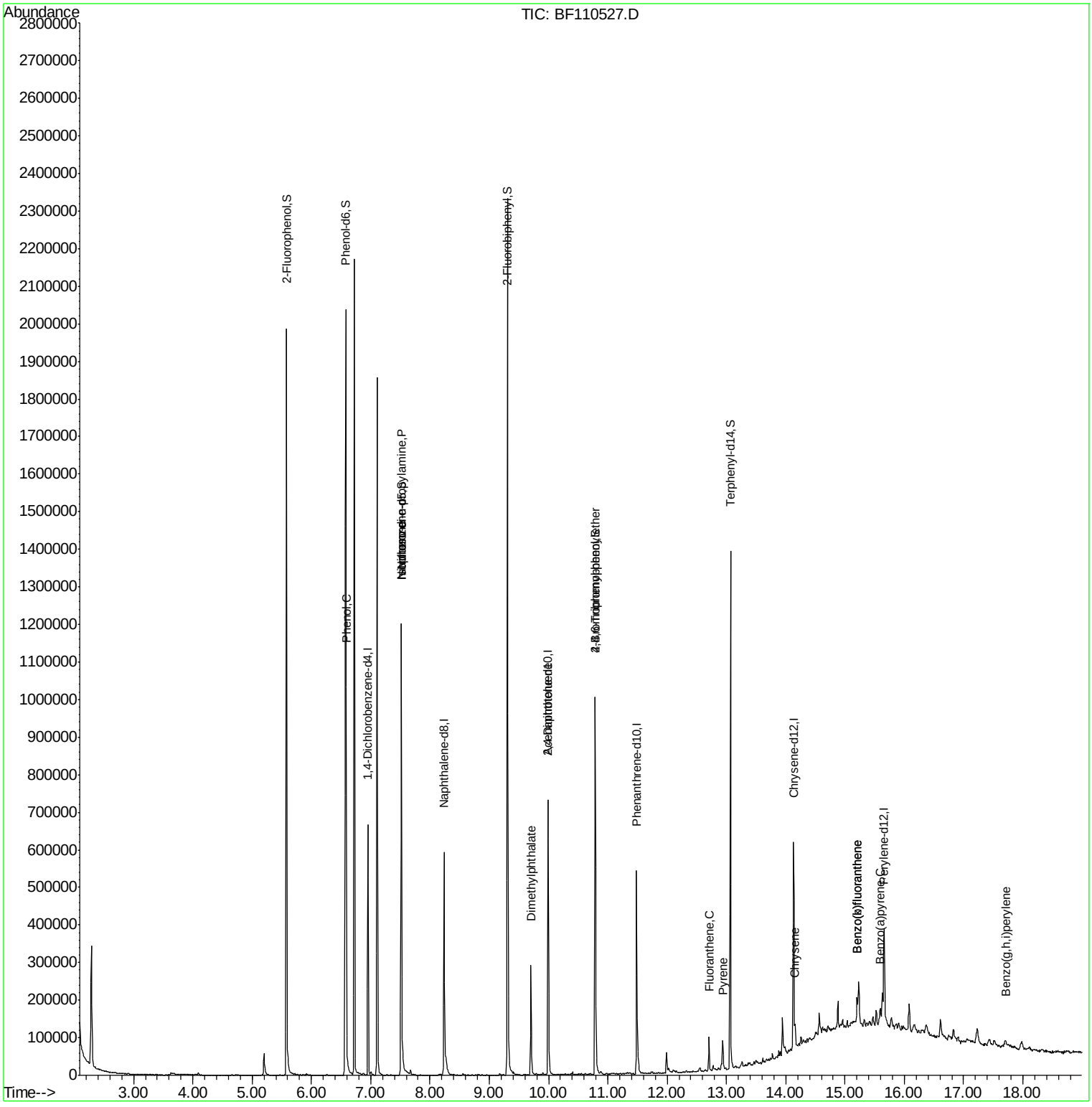
(#) = qualifier out of range (m) = manual integration (+) = signals summed

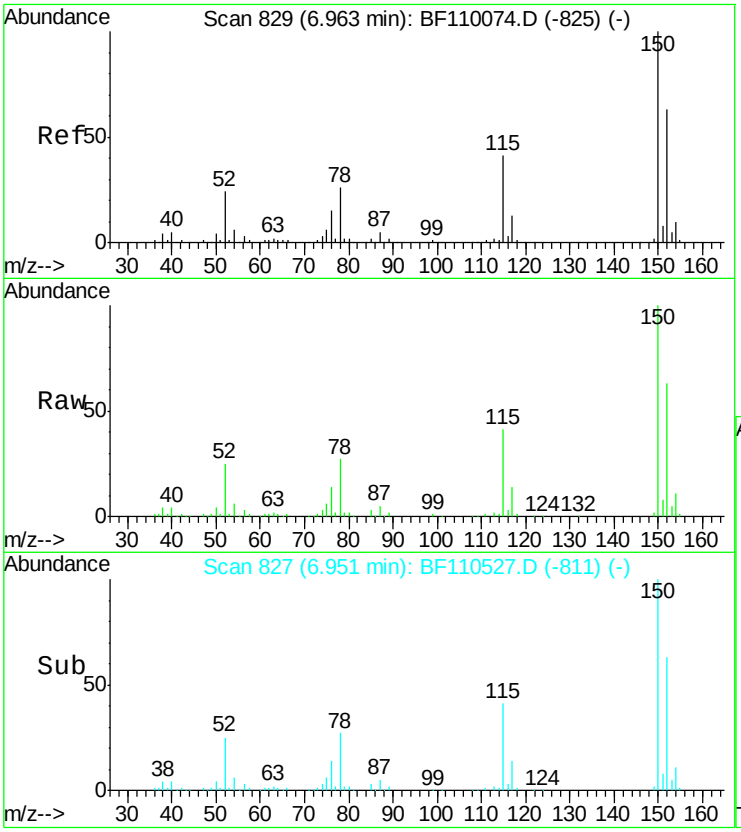
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110527.D
Acq On : 6 Nov 2018 20:46
Operator : JU/SJ
Sample : J5827-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 08:45:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



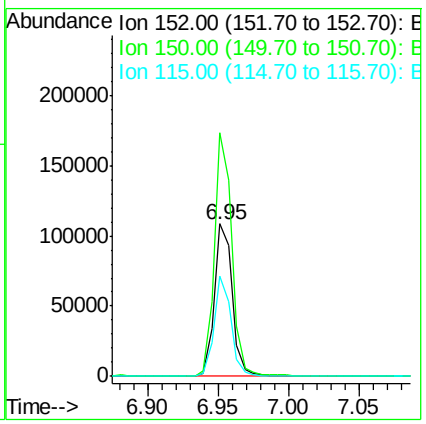


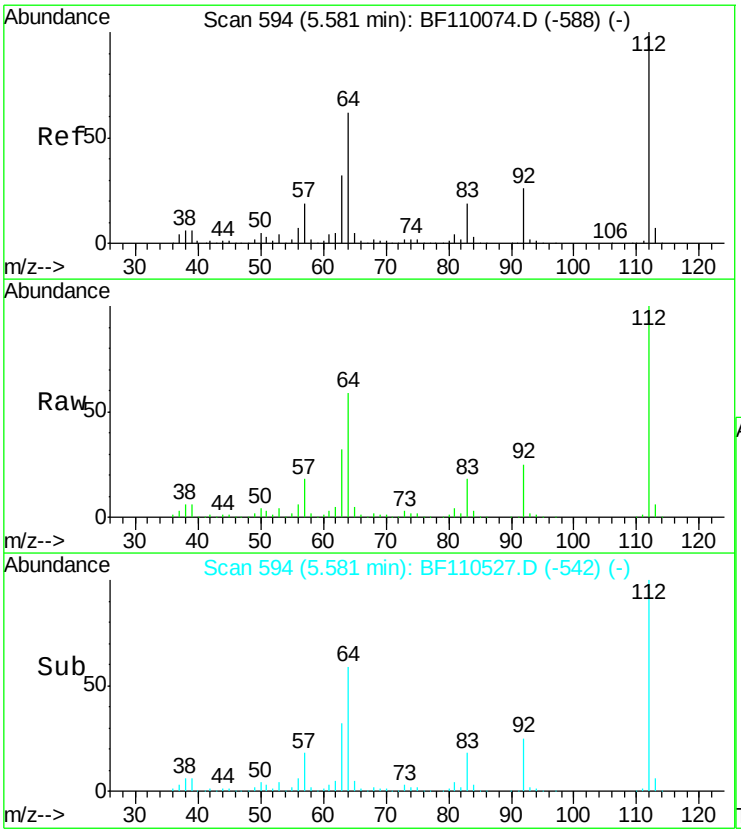
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 95995

Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.7	184.1
115	65.3	49.1	73.7

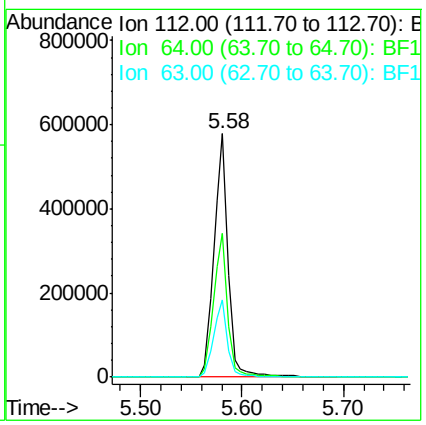


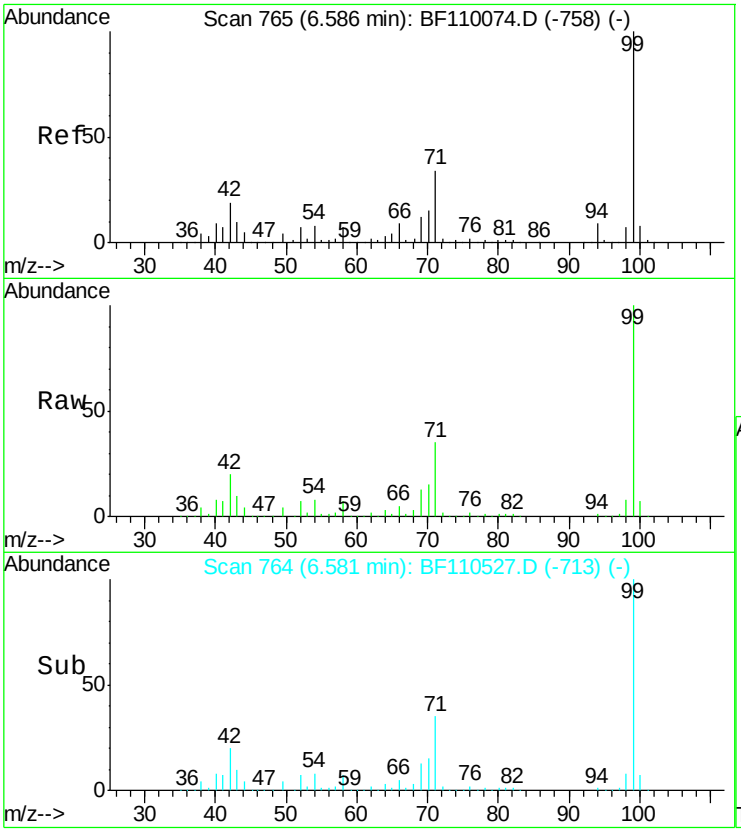


#5
2-Fluorophenol
Concen: 94.72 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:112 Resp: 558354

Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.1	66.1
63	31.5	23.7	35.5



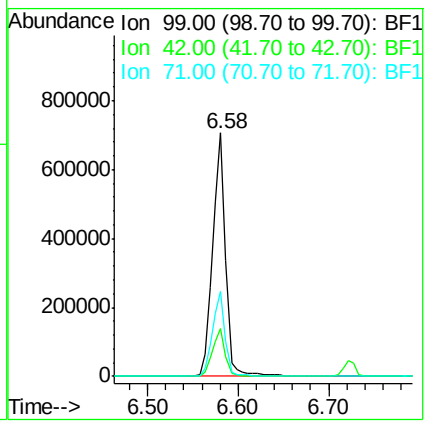


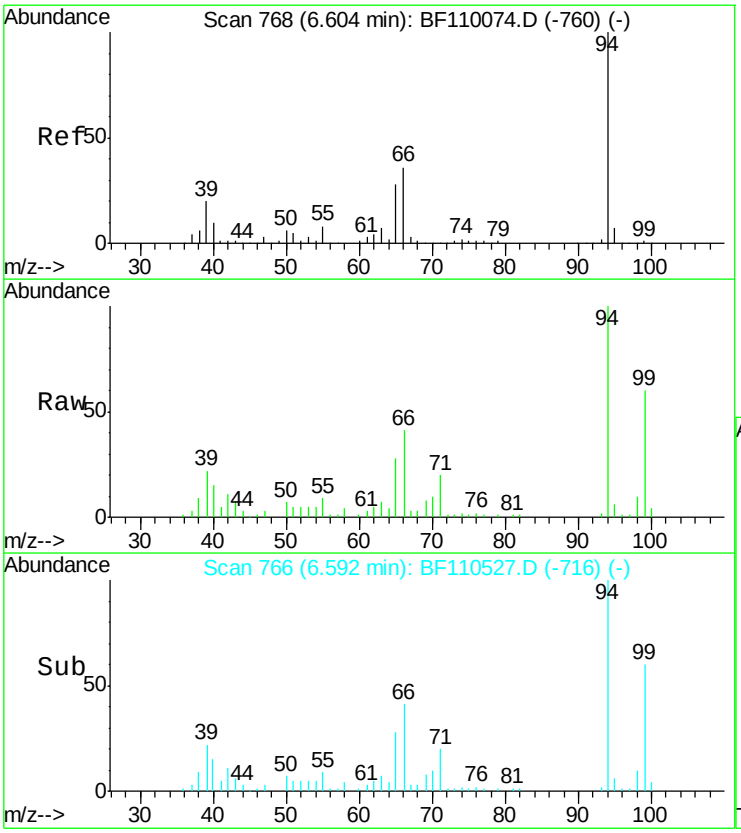
#7
Phenol-d6
Concen: 94.09 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 709433

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	34.8	28.0	42.0

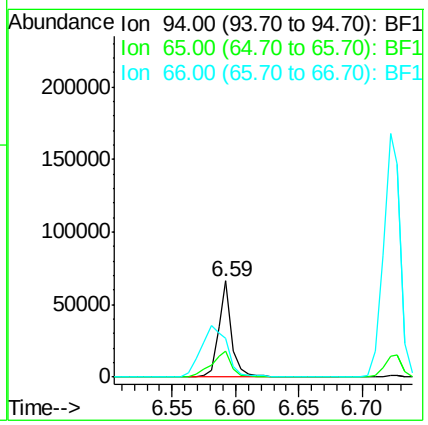


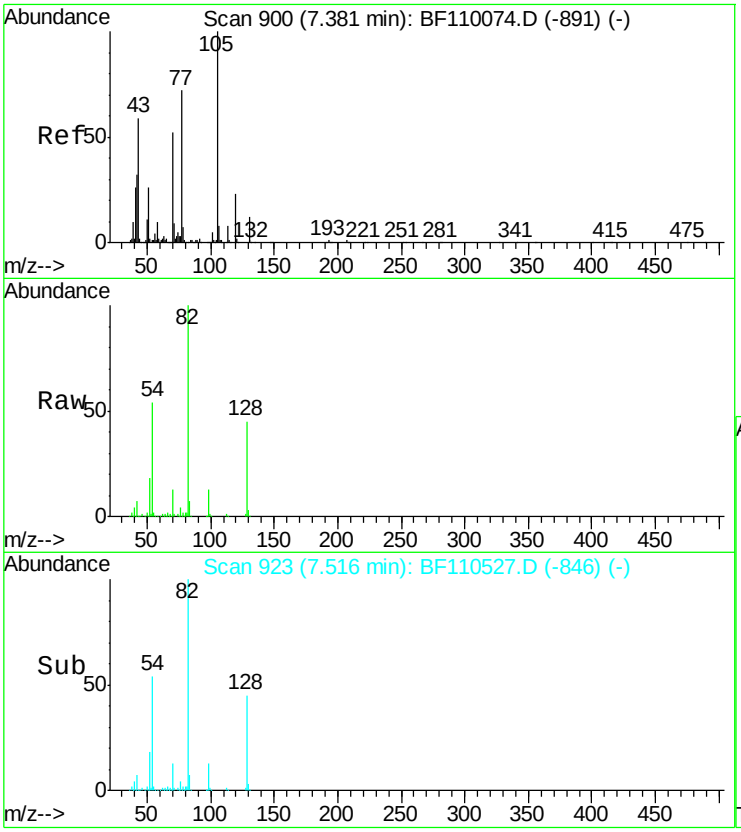


#10
Phenol
Concen: 6.06 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion: 94 Resp: 48832

Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.3	65.3
66	40.9	54.5	94.5#



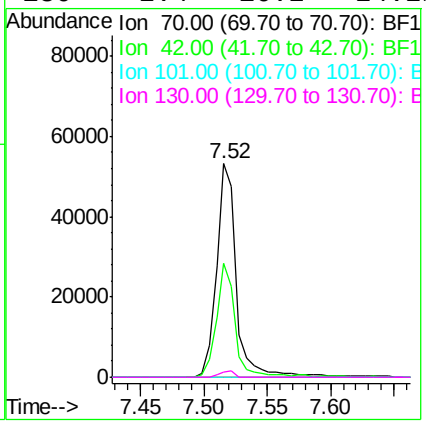


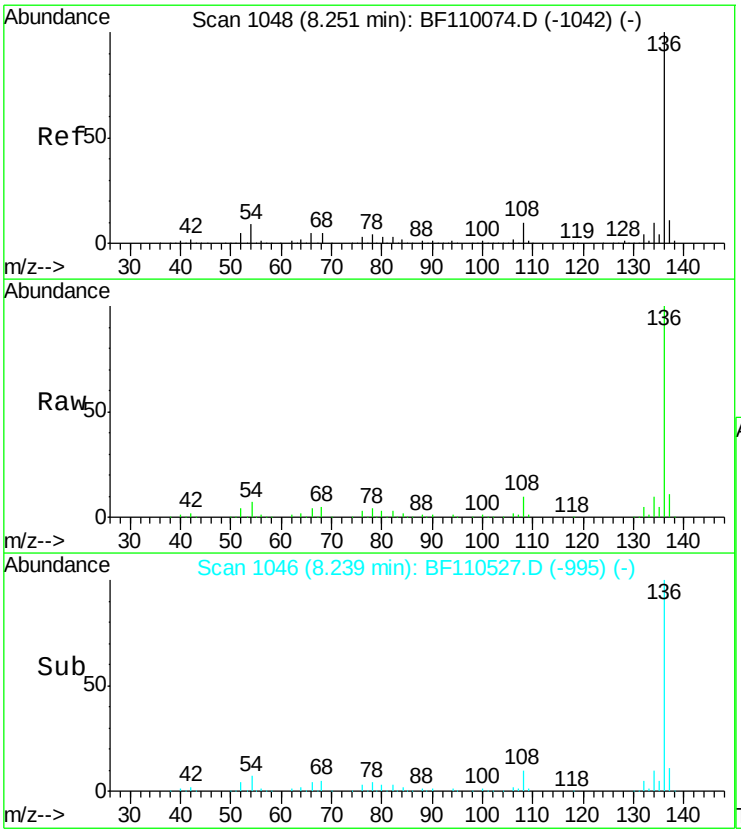
#19
n-Nitroso-di-n-propylamine
Concen: 12.05 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 58304

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

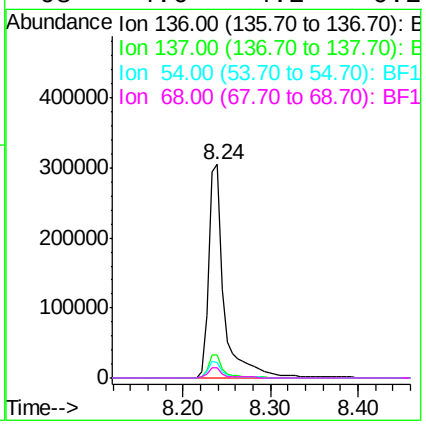


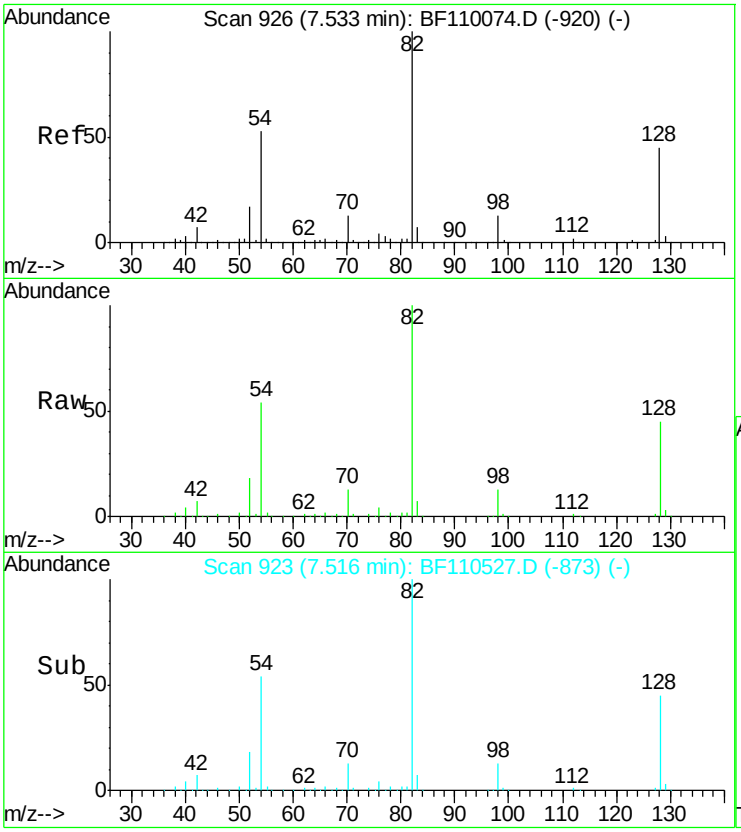


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:136 Resp: 375059

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.2	5.4	8.2
68	4.6	4.2	6.2



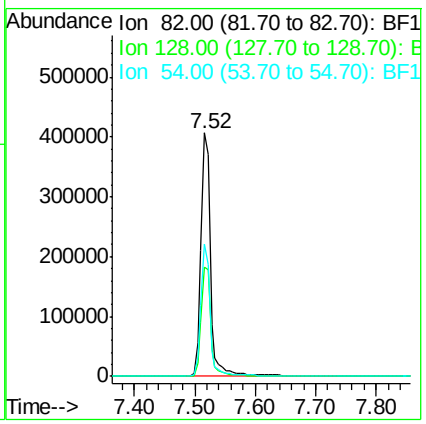


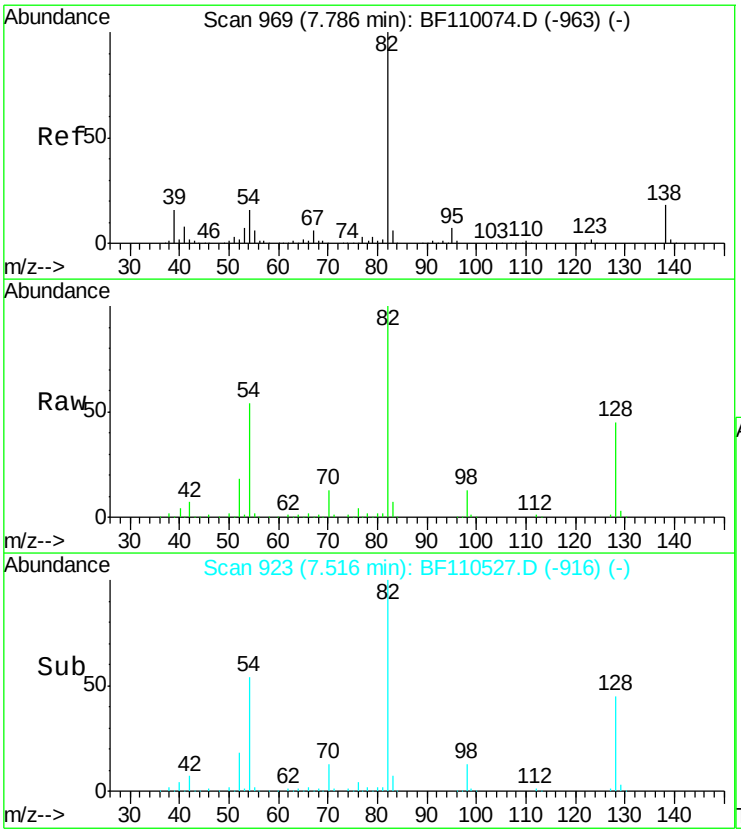
#23
Nitrobenzene-d5
Concen: 71.88 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 454550

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	54.3	38.6	58.0

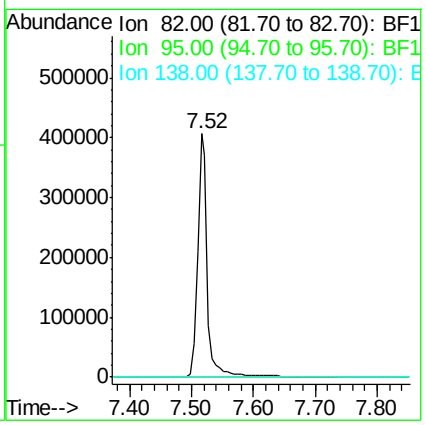


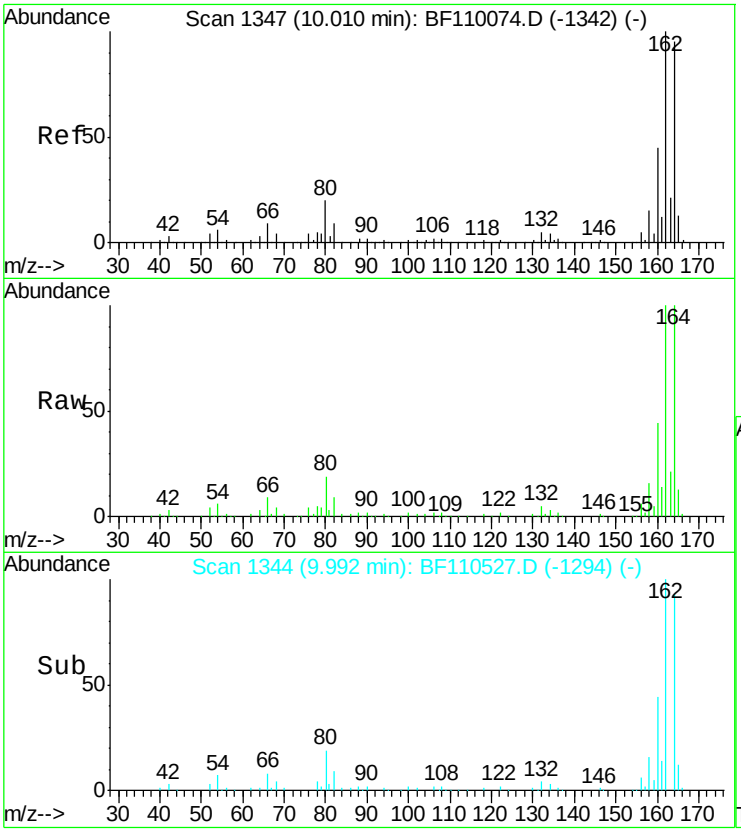


#25
Isophorone
Concen: 42.17 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion: 82 Resp: 454547

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



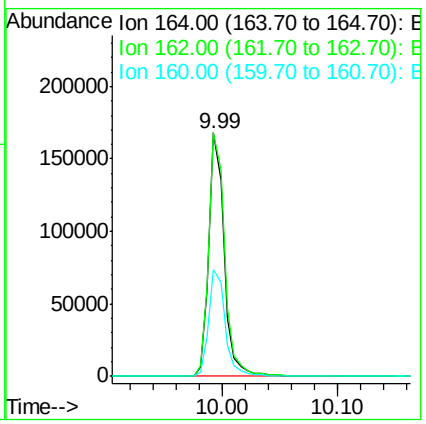


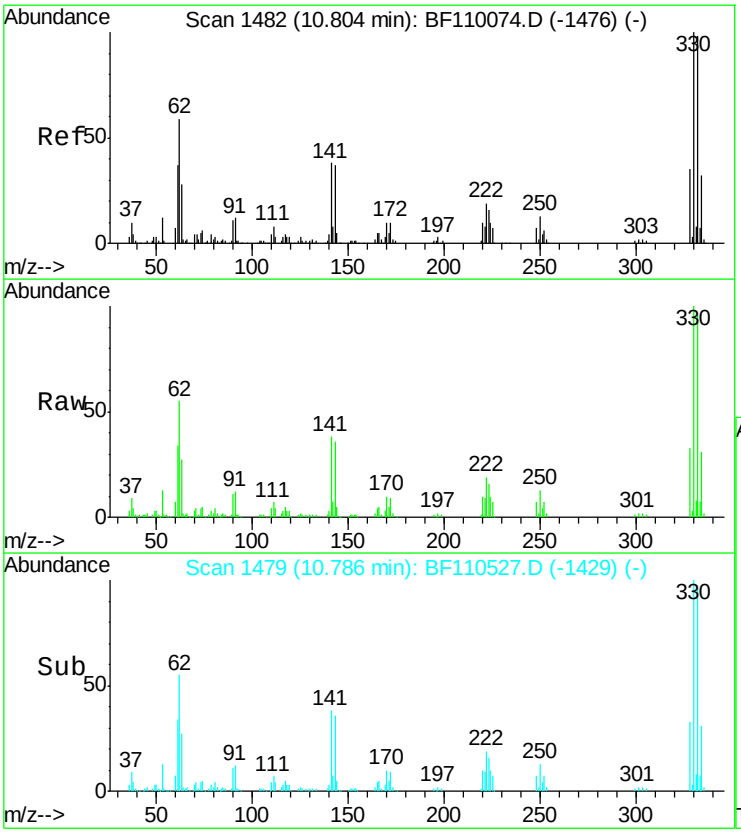
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 155925

Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.0	124.6
160	43.6	37.0	55.6

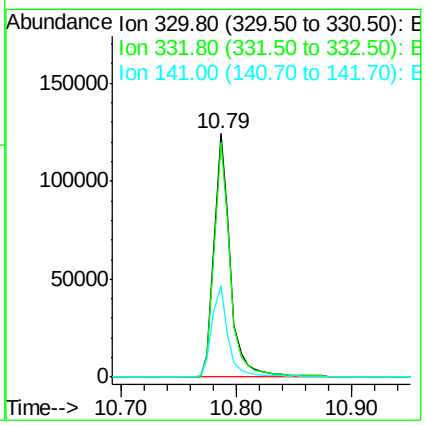


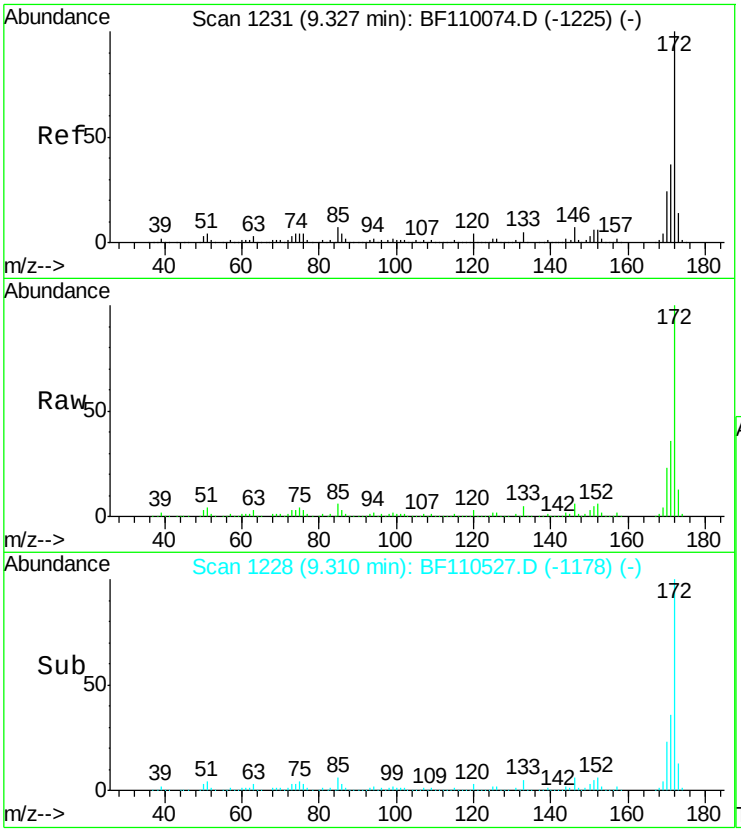


#42
2,4,6-Tribromophenol
Concen: 78.62 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:330 Resp: 121429

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	38.0	27.0	40.4



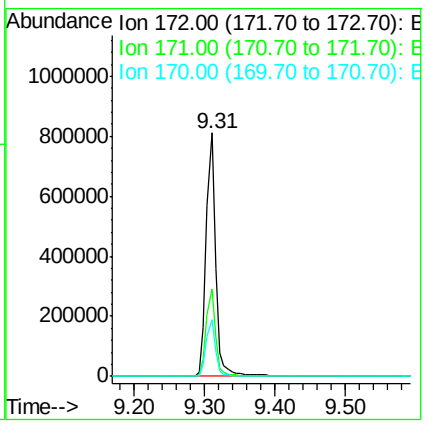


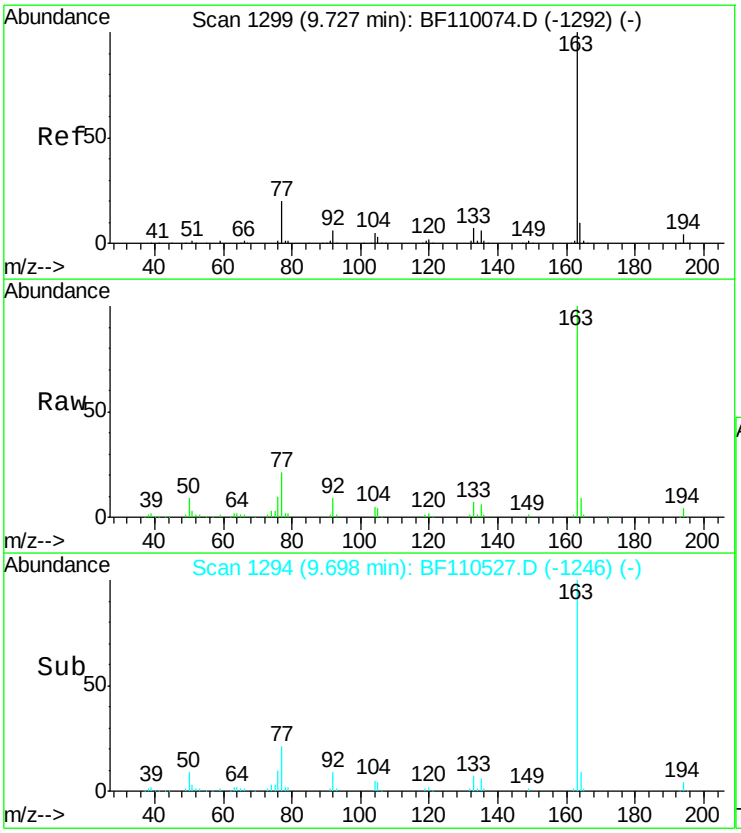
#45
2-Fluorobiphenyl
Concen: 76.27 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 757325

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.4	19.7	29.5

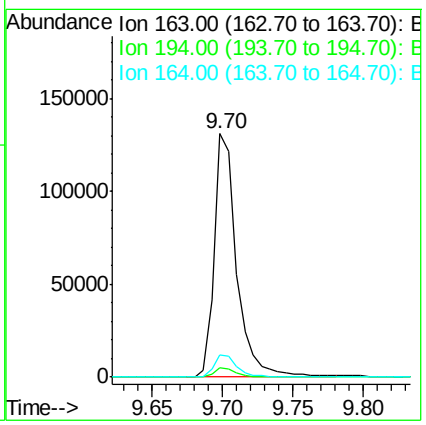


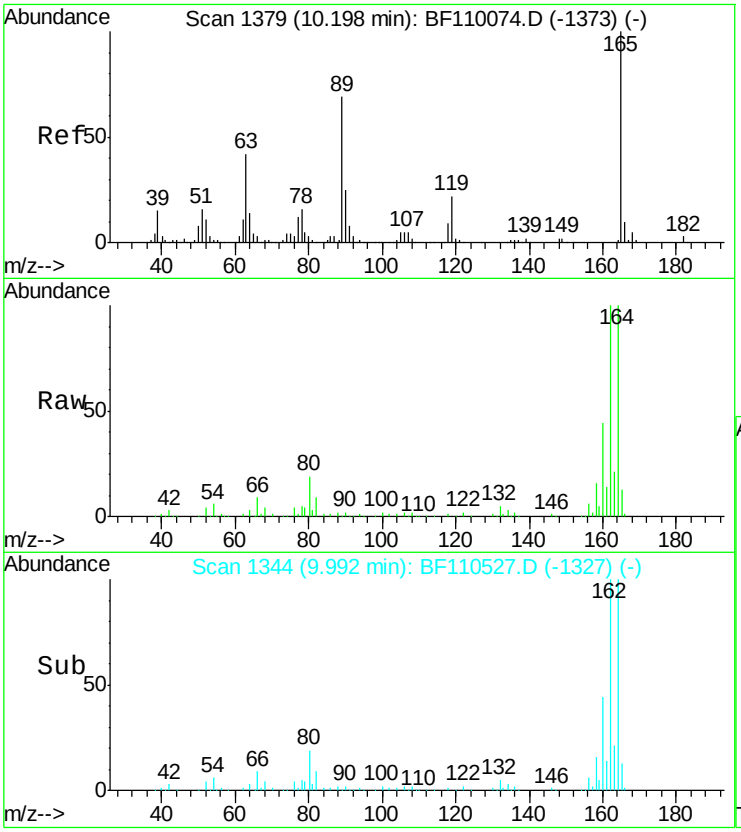


#50
Dimethylphthalate
Concen: 12.60 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:163 Resp: 145079

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.3	8.1	12.1



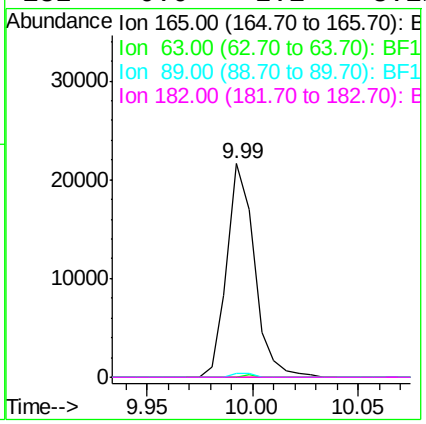


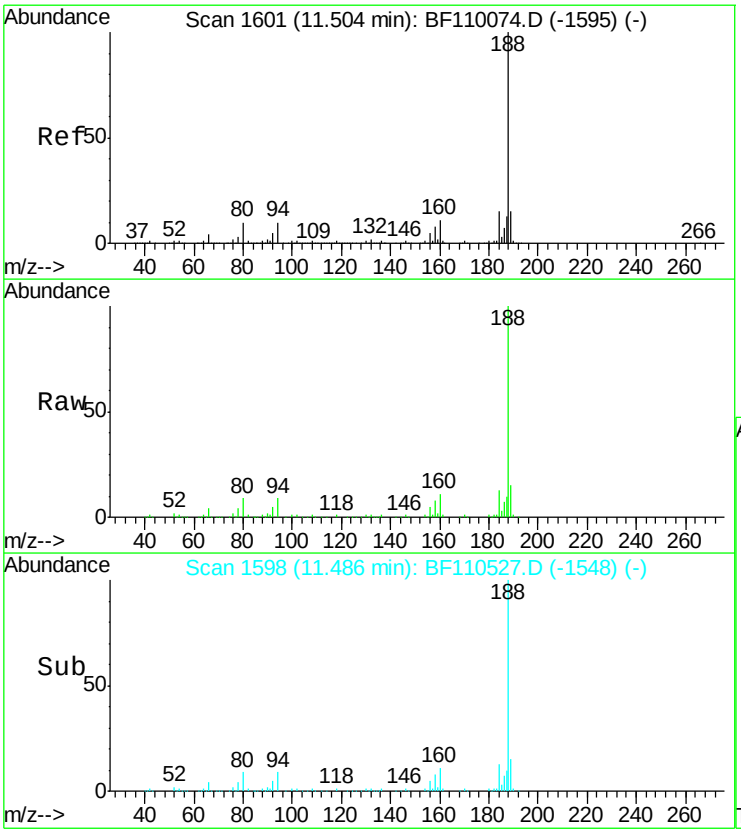
#57
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19617

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#

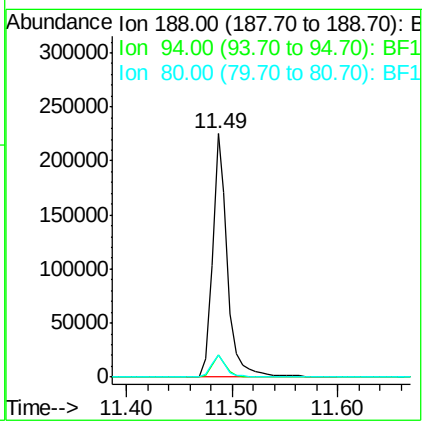


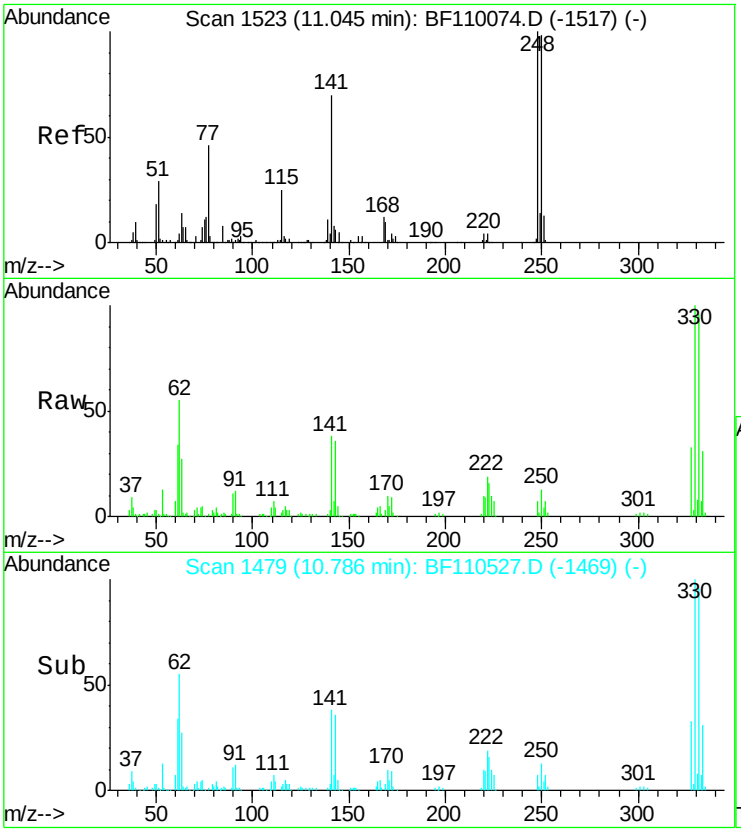


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:188 Resp: 225034

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.3	7.9	11.9



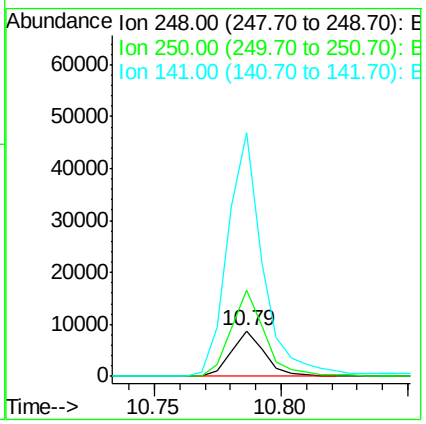


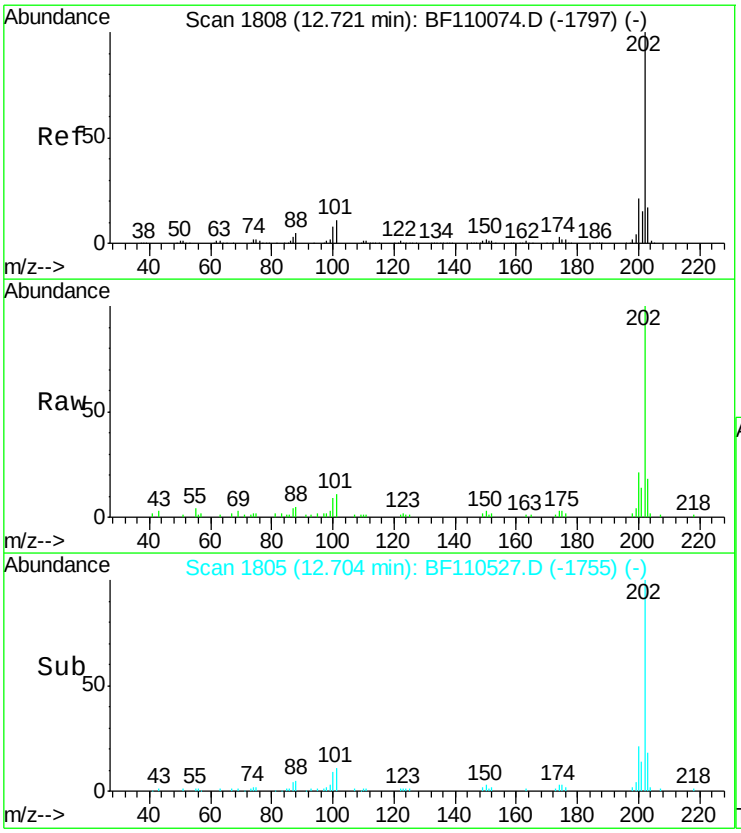
#67
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8045

Ion	Ratio	Lower	Upper
248	100		
250	188.6	79.4	119.2#
141	533.3	55.9	83.9#

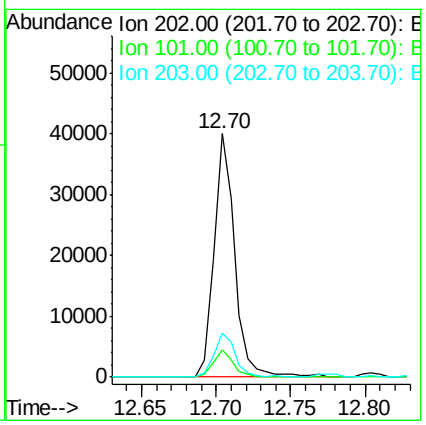


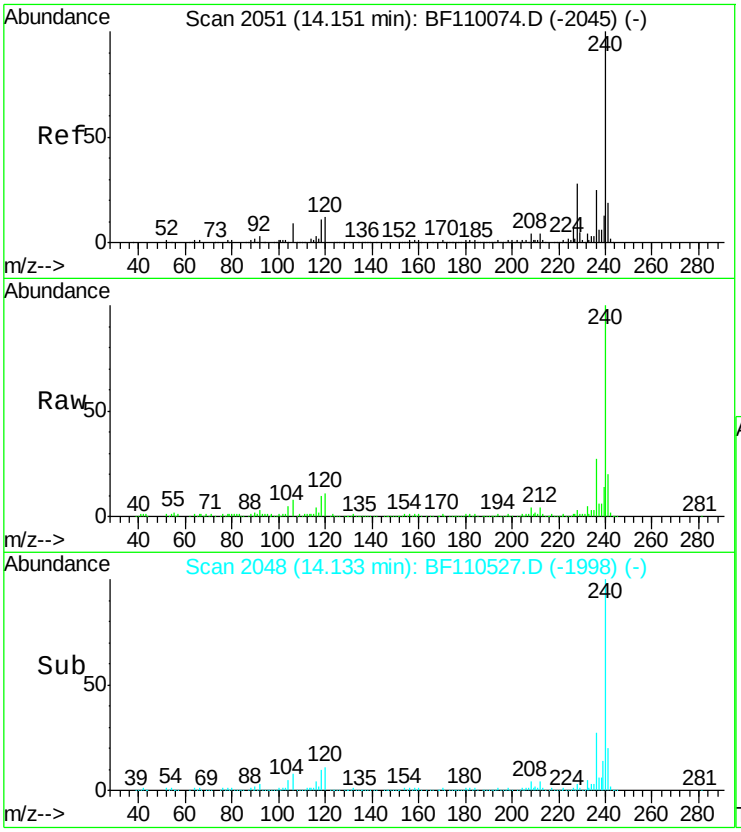


#75
Fluoranthene
Concen: 3.23 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:202 Resp: 38569

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	18.2	0.0	37.7



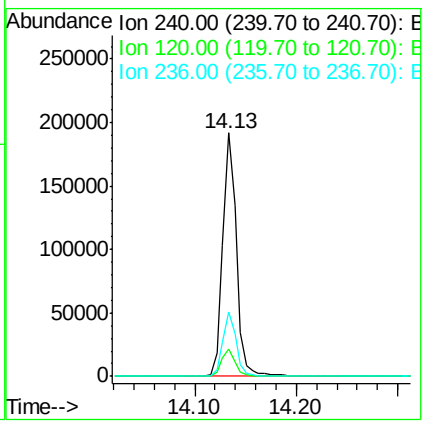


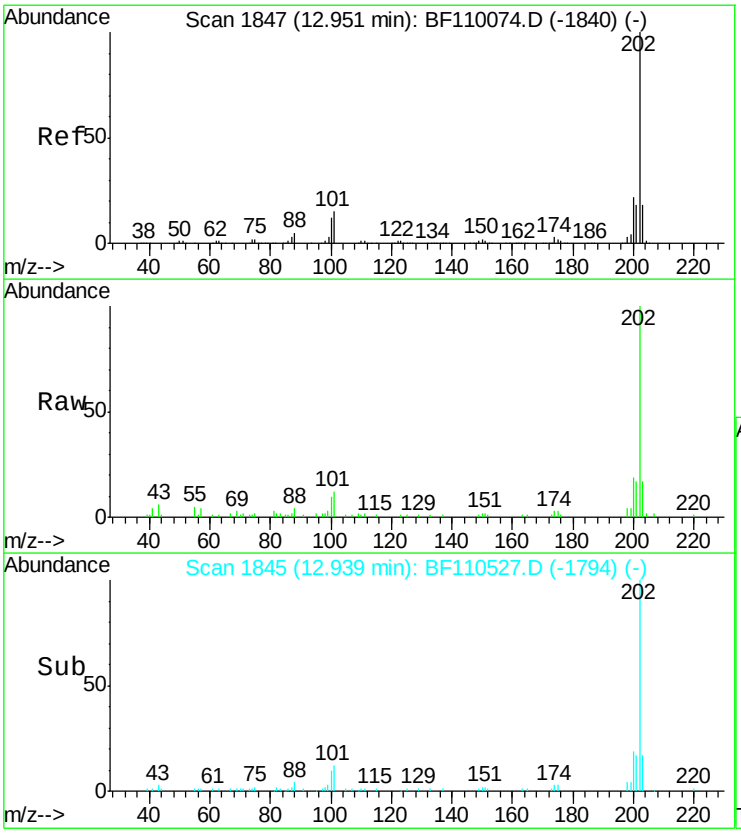
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 180181

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	26.6	21.2	31.8

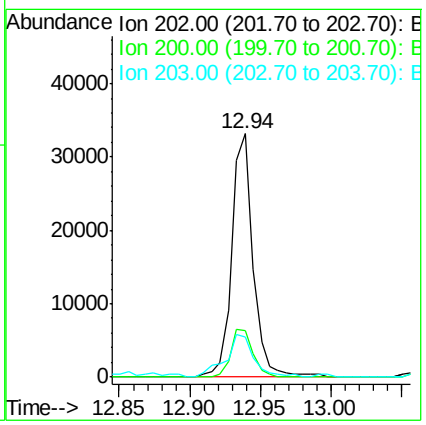


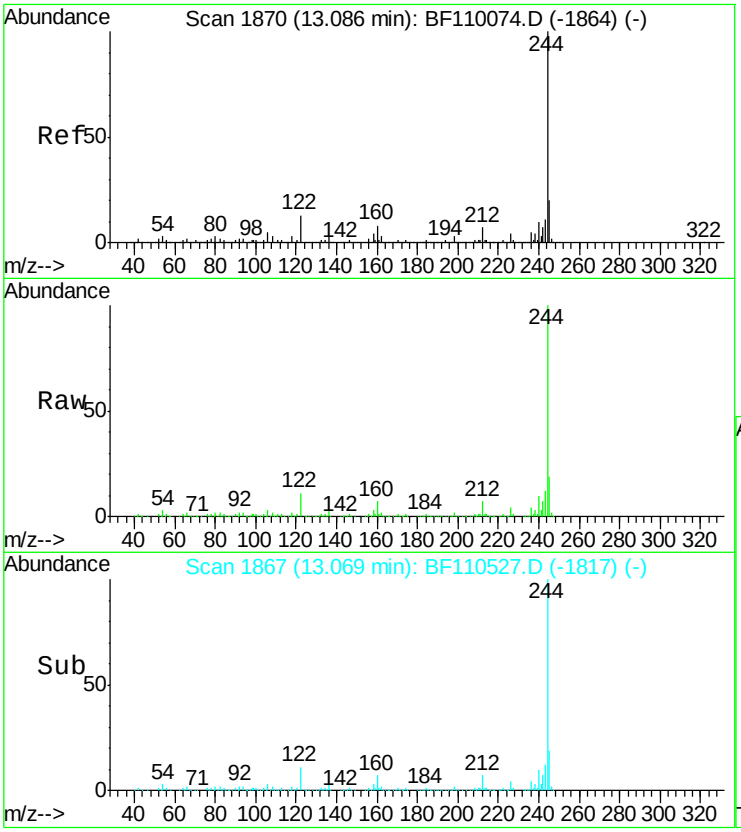


#78
Pyrene
Concen: 2.70 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:202 Resp: 34902

Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.8	26.6
203	16.5	14.2	21.4



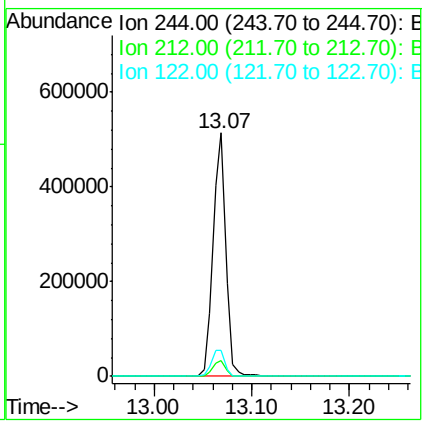


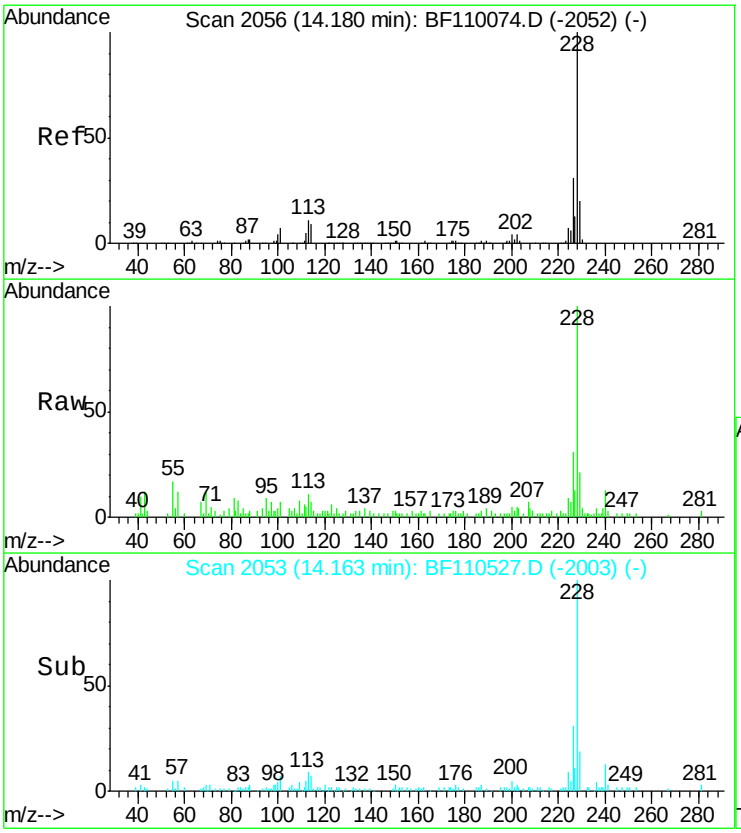
#79
Terphenyl-d14
Concen: 53.47 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 463288

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.8	8.7	13.1

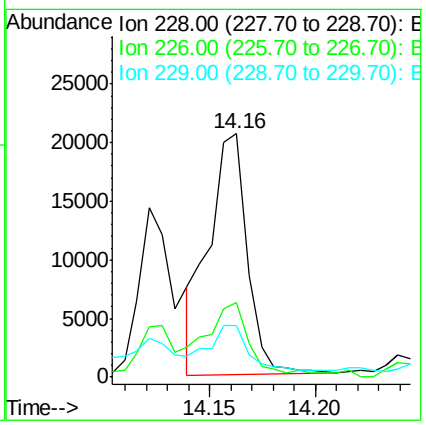


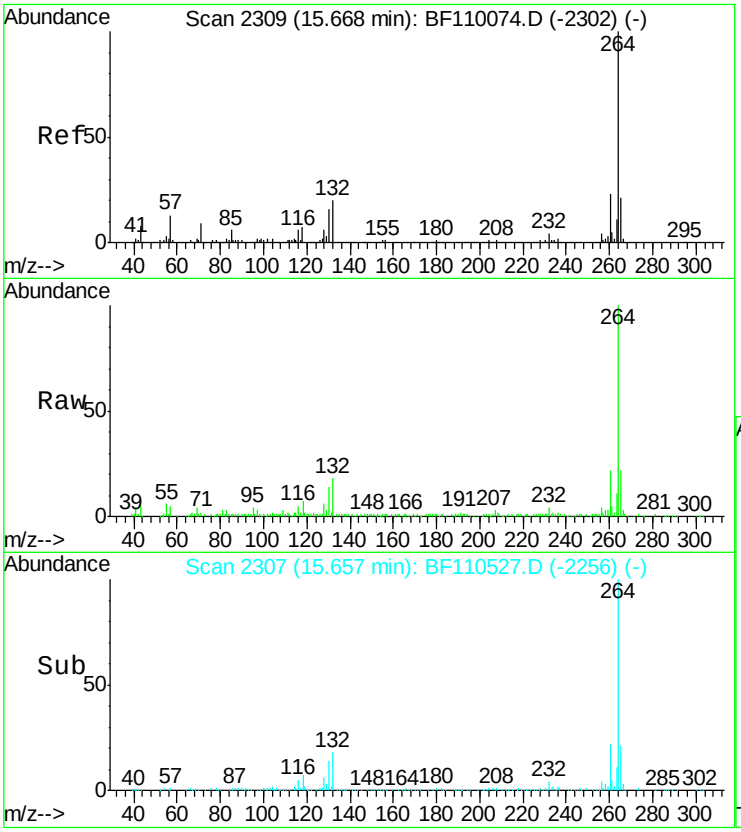


#83
Chrysene
Concen: 2.56 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:228 Resp: 26029

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	21.0	15.9	23.9



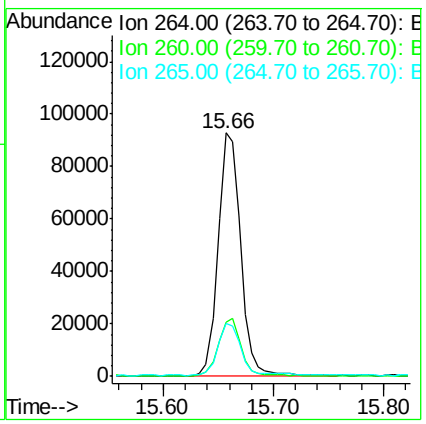


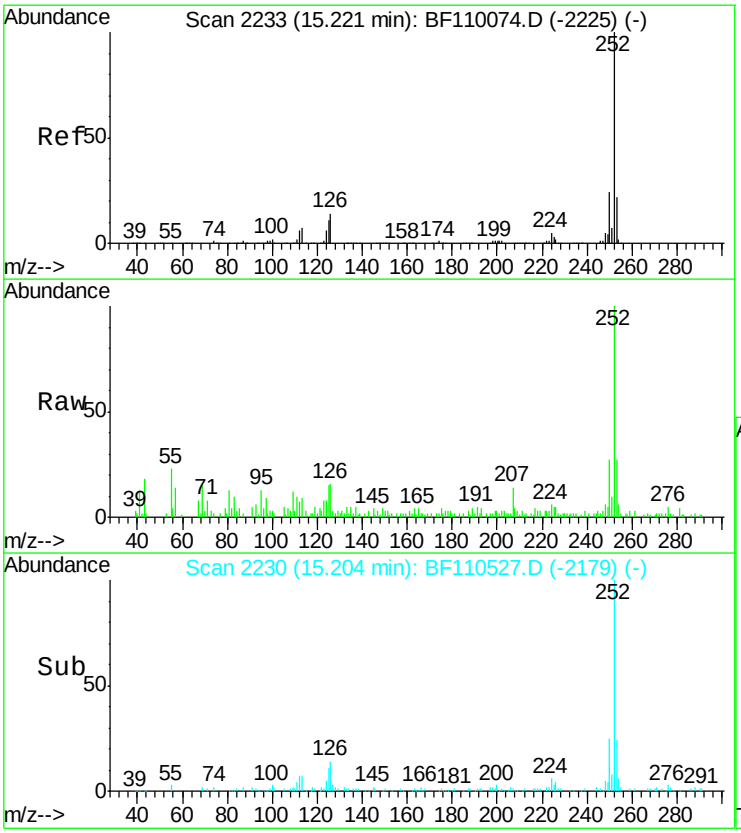
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 133733

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.6	16.7	25.1

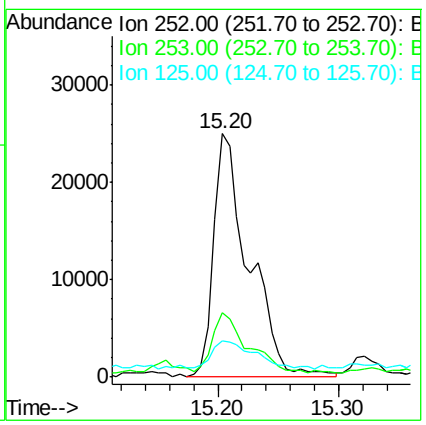


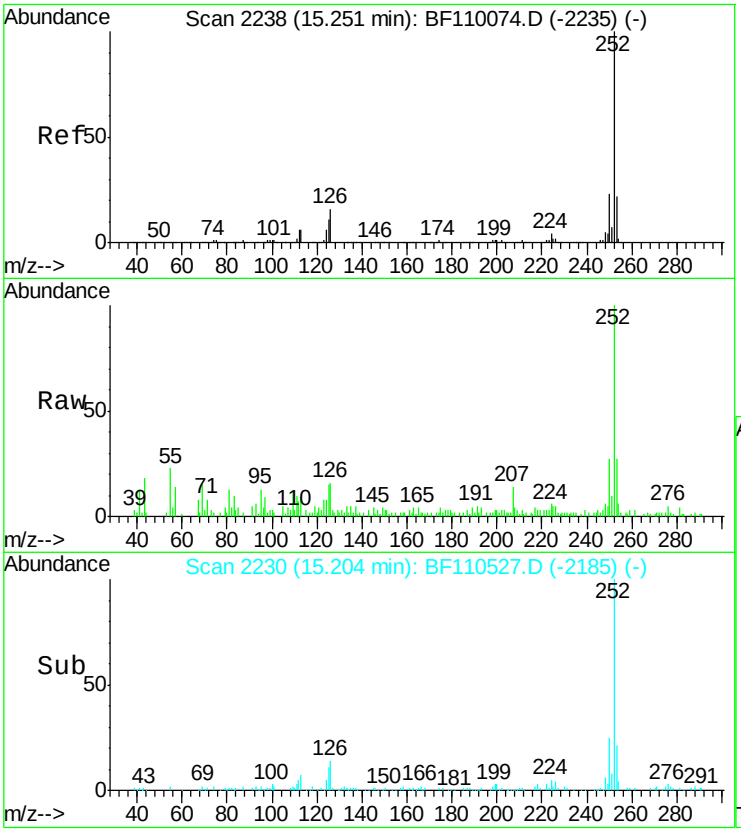


#88
Benzo(b)fluoranthene
Concen: 6.53 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:252 Resp: 50462

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.2	25.8#
125	15.0	8.2	12.4#



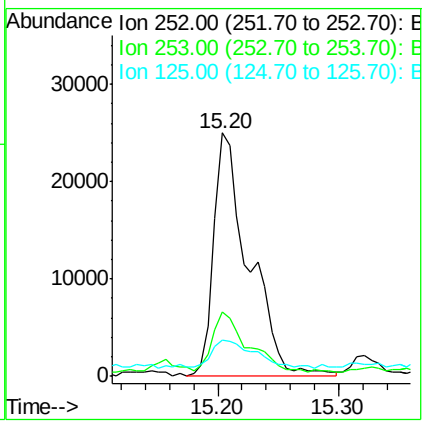


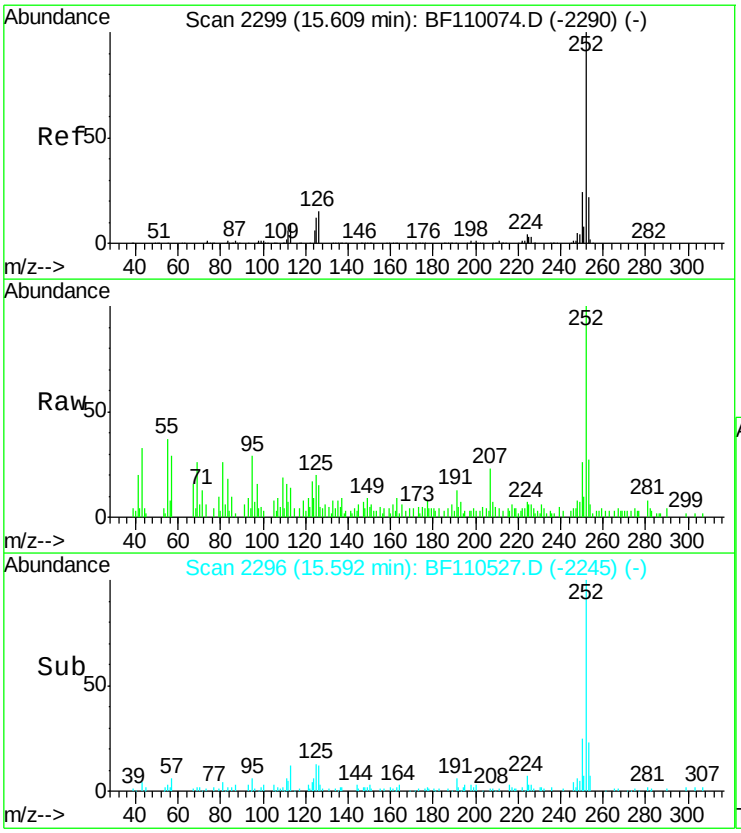
#89
Benzo(k)fluoranthene
Concen: 6.65 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50462

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.2	25.8#
125	15.0	7.4	11.0#

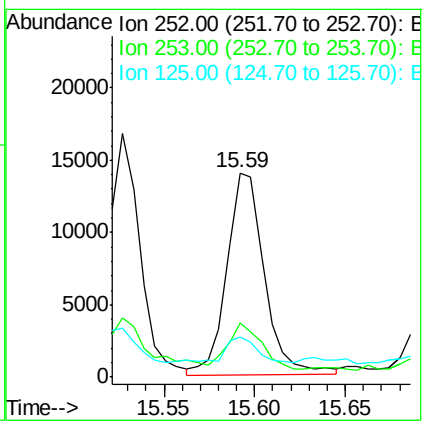


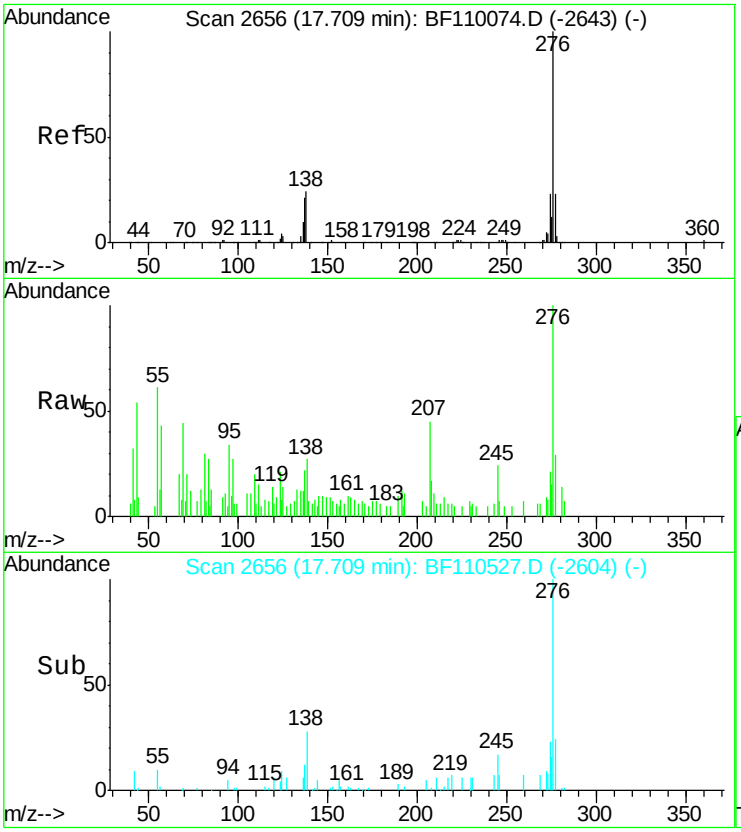


#90
Benzo(a)pyrene
Concen: 2.85 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Tgt Ion:252 Resp: 20217

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.2	27.4
125	19.9	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 2.41 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110527.D
Acq: 6 Nov 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 14543

Ion	Ratio	Lower	Upper
276	100		
277	29.0	18.8	28.2#
138	26.7	16.0	24.0#