Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111906.D
Acq On : 8 Jan 2019 14:53
Operator : JU/SJ
Sample : K1012-01RE 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 08 17:55:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	149597	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	521740	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	217754	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	364017	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	393724	20.00	ng	-0.01
87) Perylene-d12	15.53	264	373521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	344203	39.36	ng	0.00
7) Phenol-d6	6.52	99	482849	42.84	ng	-0.01
23) Nitrobenzene-d5	7.43	82	308970	31.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	102340	36.13	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	424377	28.42	ng	-0.02
79) Terphenyl-d14	12.99	244	383173	18.47	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	918	Below Cal	#	1
25) Isophorone	7.43	82	304454	19.260	ng	# 65
50) Dimethylphthalate	9.63	163	41676	2.548	ng	# 97
71) Phenanthrene	11.43	178	58239	2.992	ng	97
75) Fluoranthene	12.62	202	87567	4.383	ng	97
78) Pyrene	12.85	202	71695	2.646	ng	98
81) Benzo(a)anthracene	14.03	228	46824	2.066	ng	96
88) Benzo(b)fluoranthene	15.09	252	59155	2.647	ng	# 86
89) Benzo(k)fluoranthene	15.09	252	59155	2.817	ng	# 87

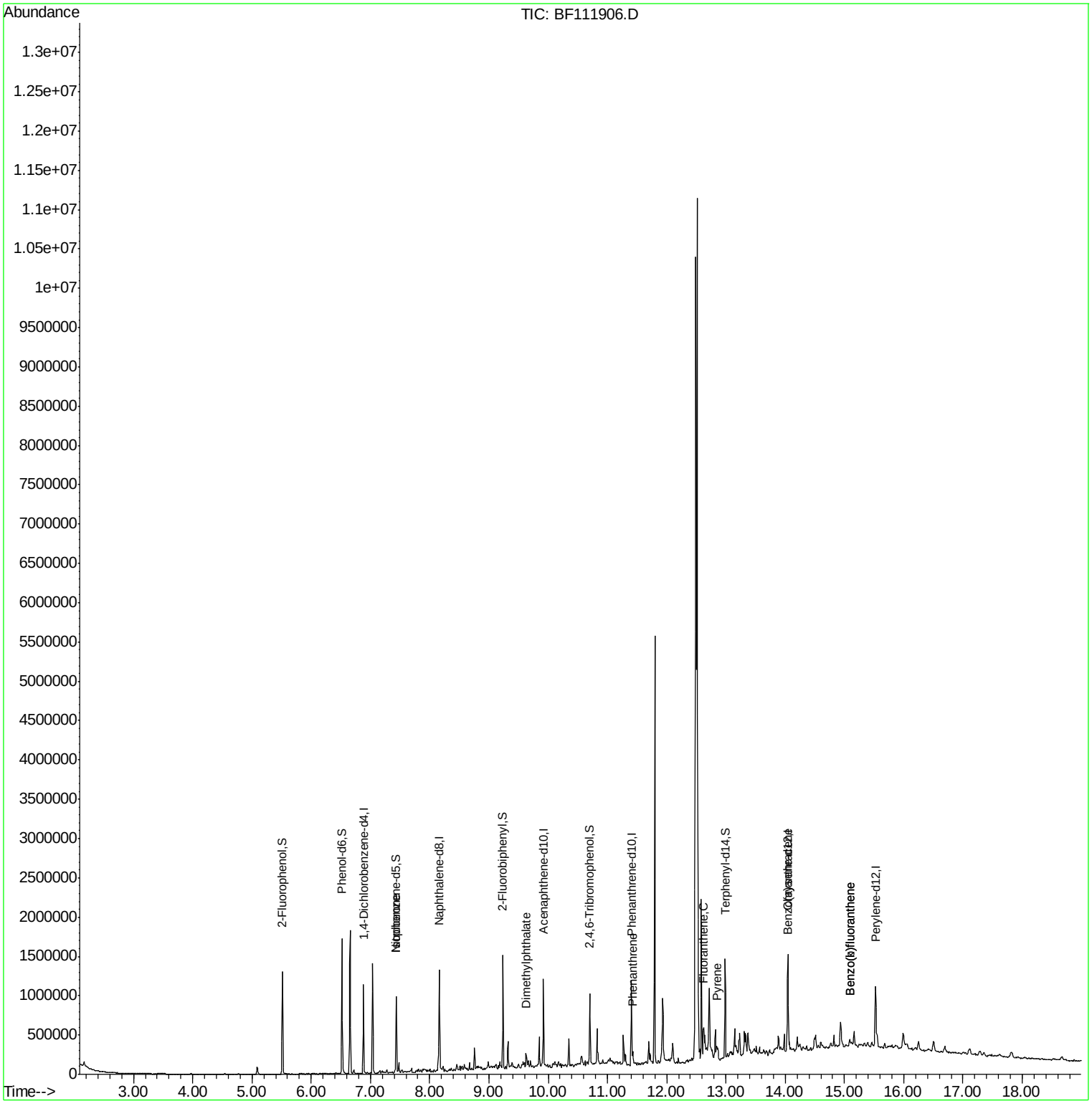
(#) = qualifier out of range (m) = manual integration (+) = signals summed

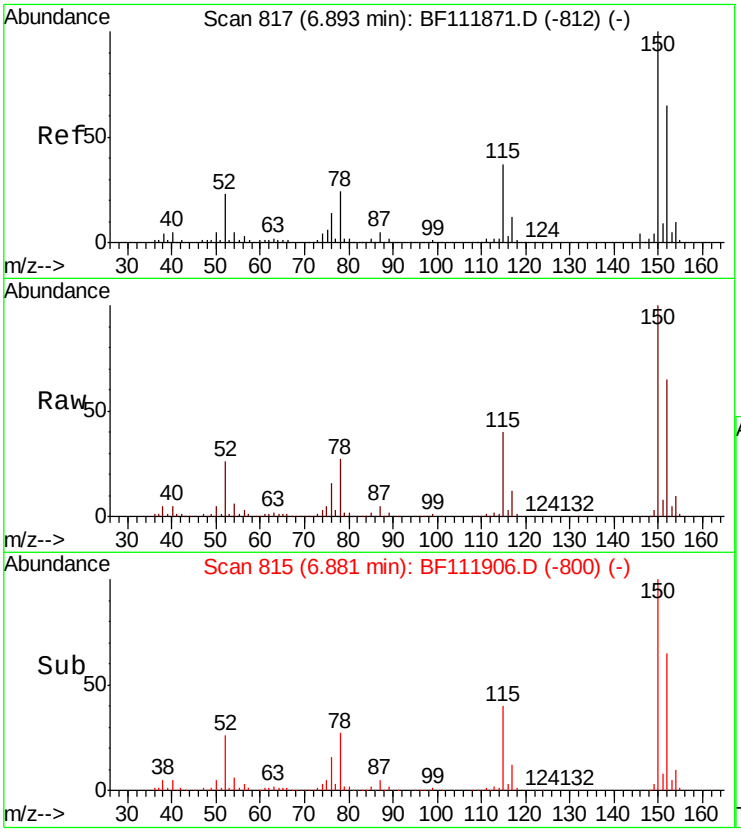
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111906.D
Acq On : 8 Jan 2019 14:53
Operator : JU/SJ
Sample : K1012-01RE 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 08 17:55:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



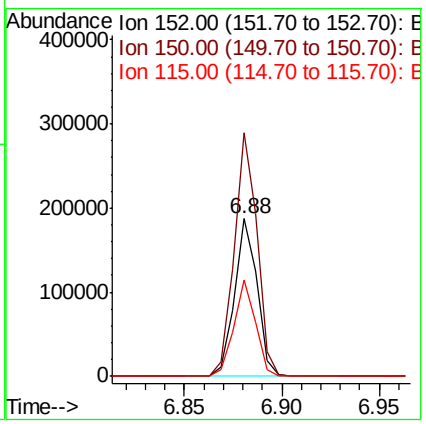


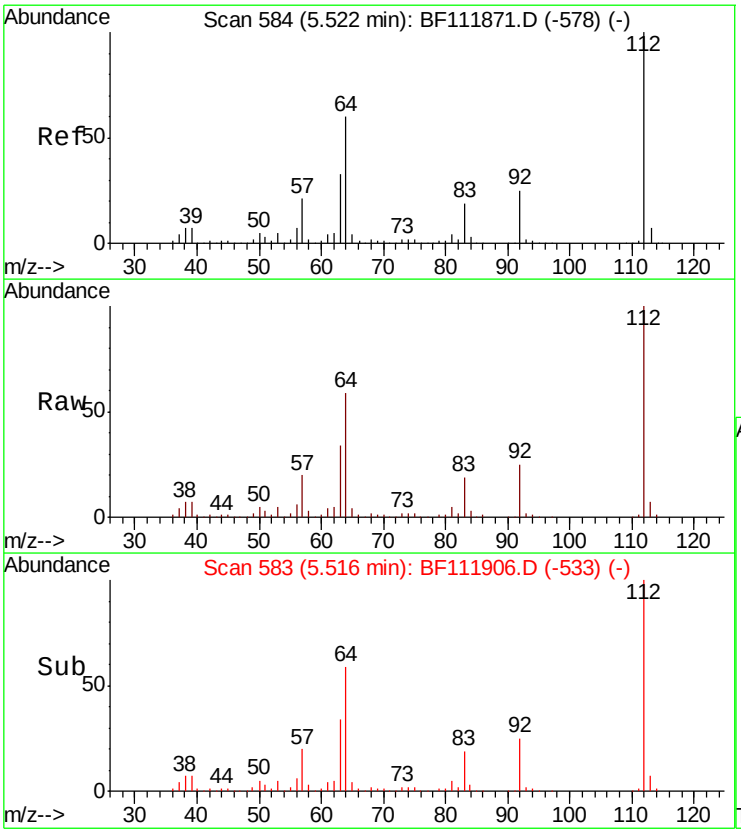
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149597

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	61.4	45.2	67.8

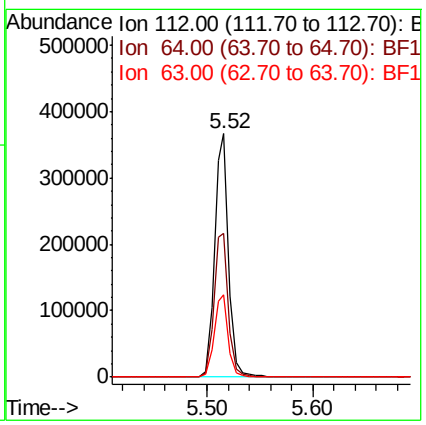


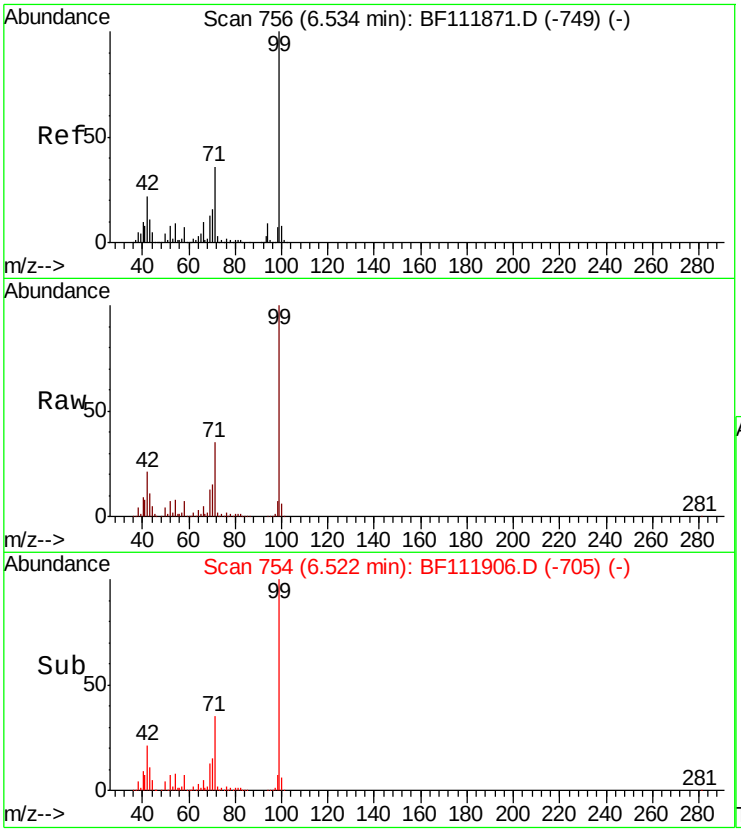


#5
2-Fluorophenol
Concen: 39.364 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:112 Resp: 344203

Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.3	72.5
63	33.7	26.1	39.1



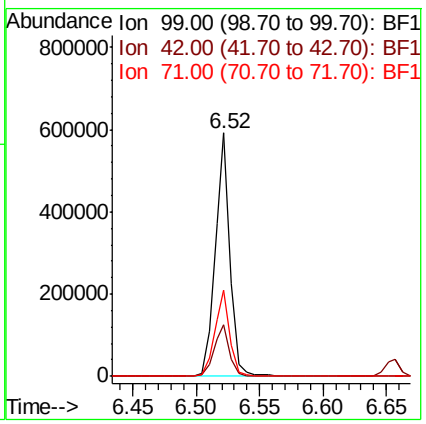


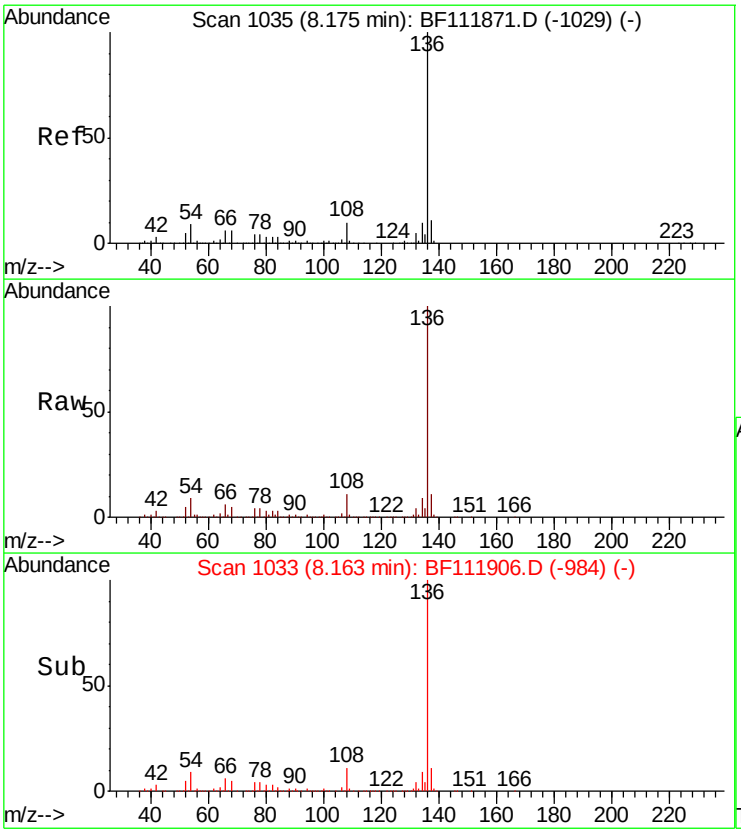
#7
Phenol-d6
Concen: 42.843 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 482849

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	35.2	28.7	43.1

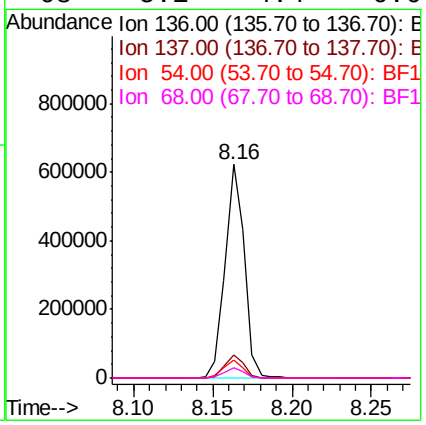


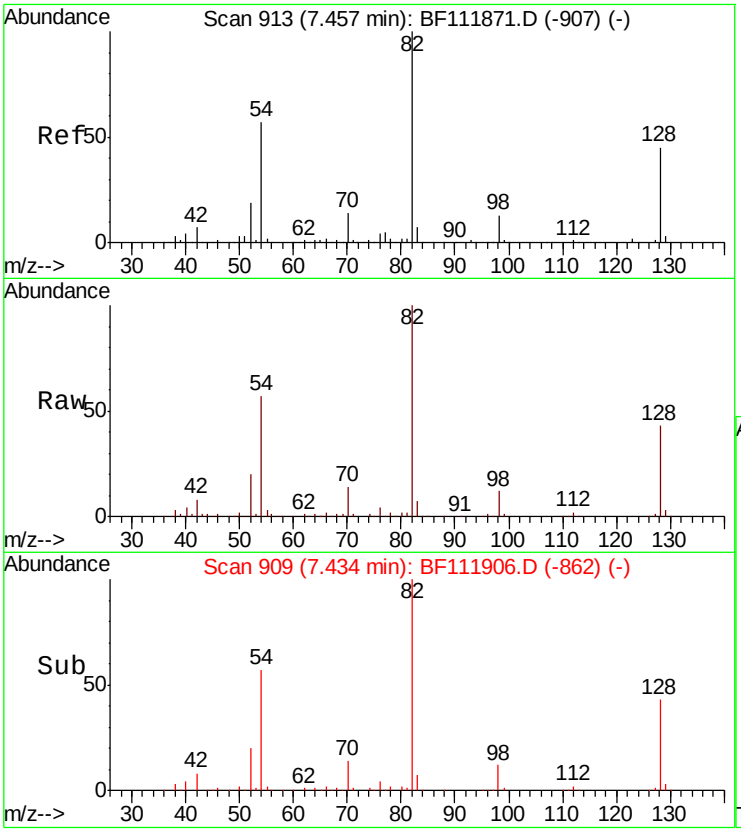


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:136 Resp: 521740

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.7	7.2	10.8
68	5.1	4.4	6.6



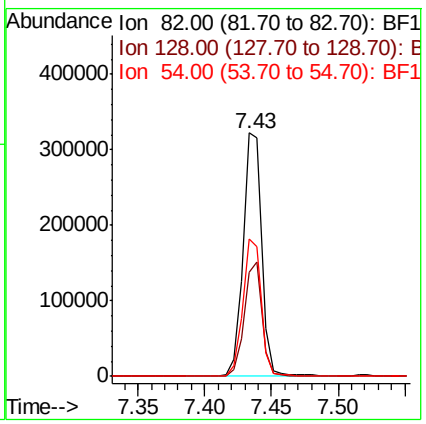


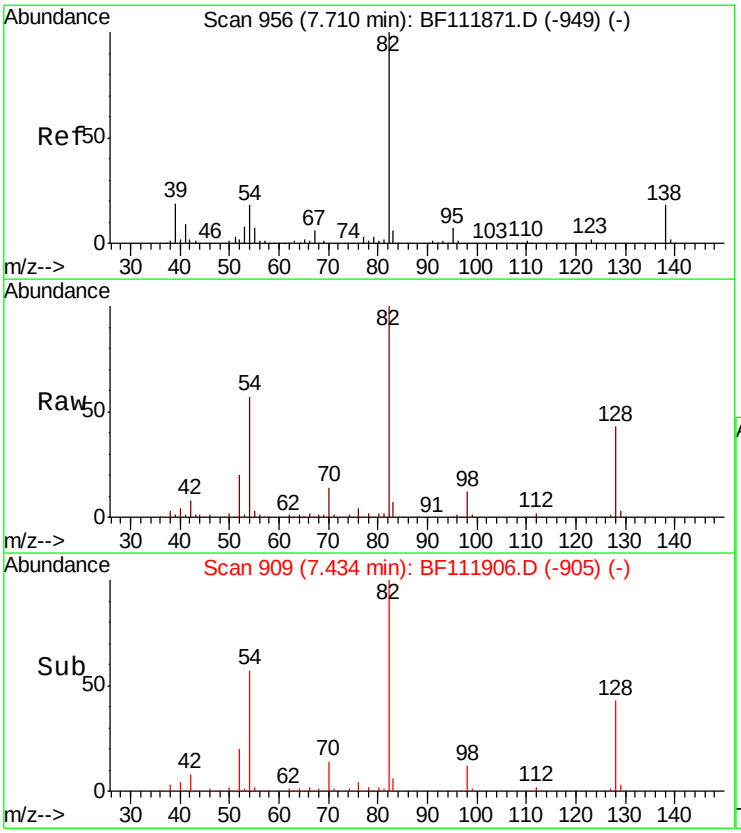
#23
Nitrobenzene-d5
Concen: 31.650 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 308970

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.7	53.5
54	56.7	45.8	68.8

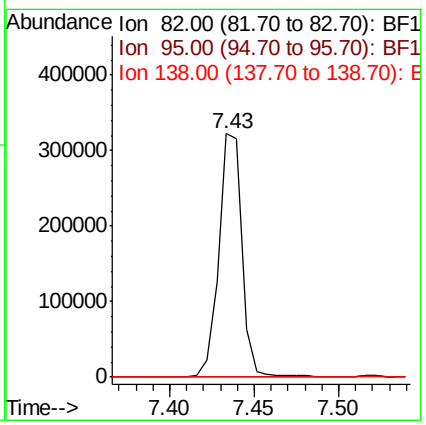


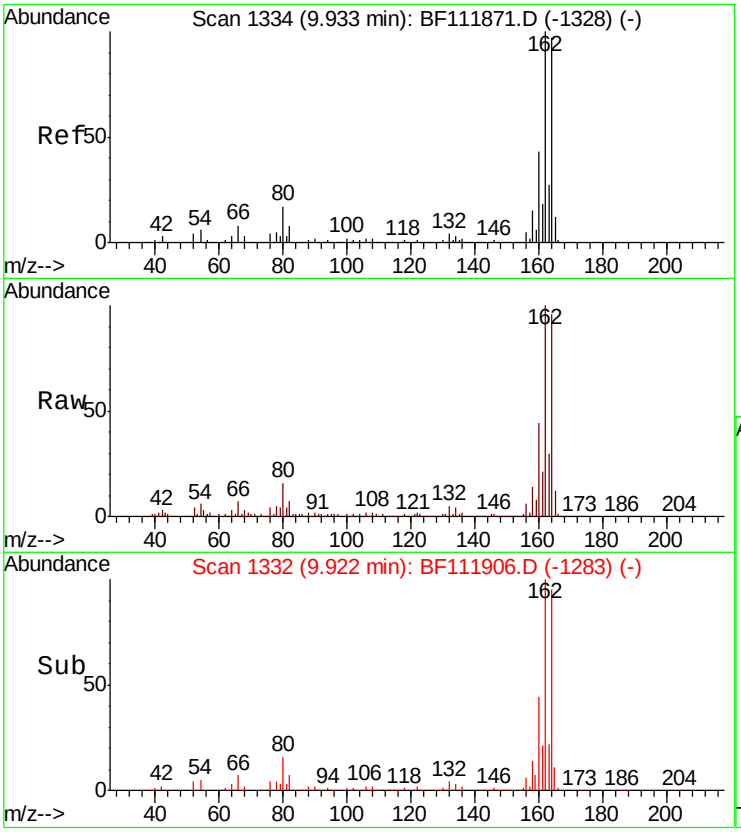


#25
Isophorone
Concen: 19.260 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion: 82 Resp: 304454

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.8	8.6#
138	0.0	14.4	21.6#



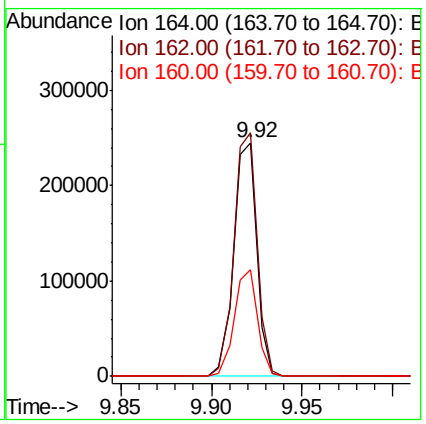


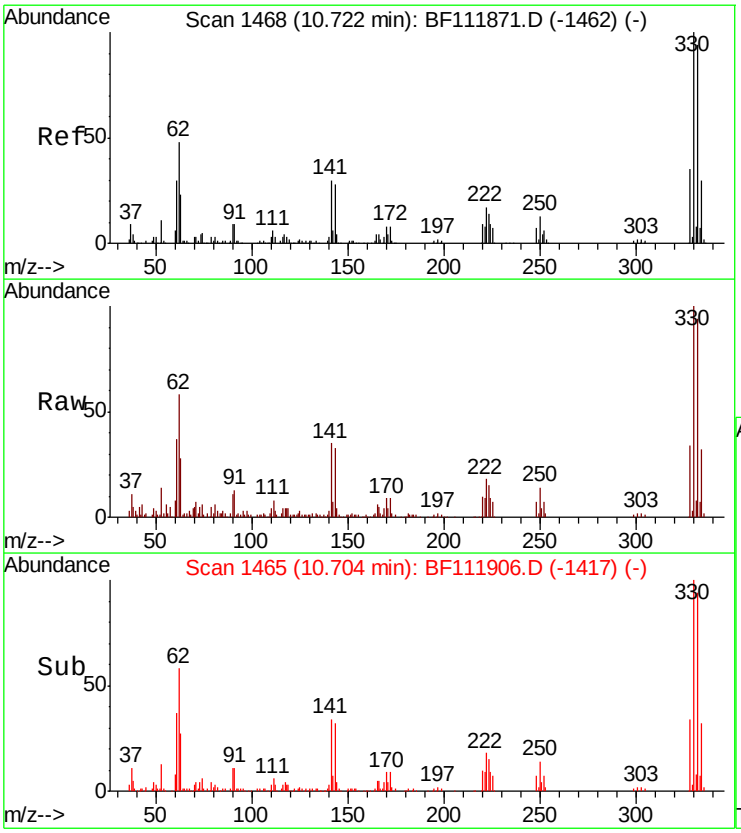
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 217754

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	45.9	35.5	53.3

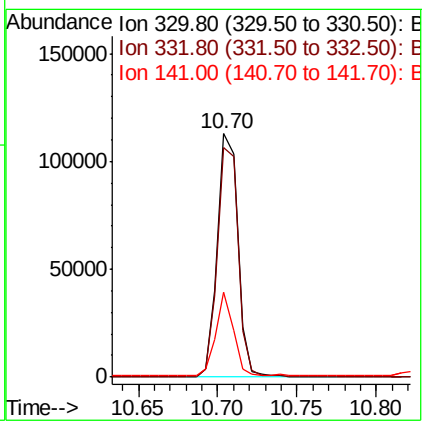


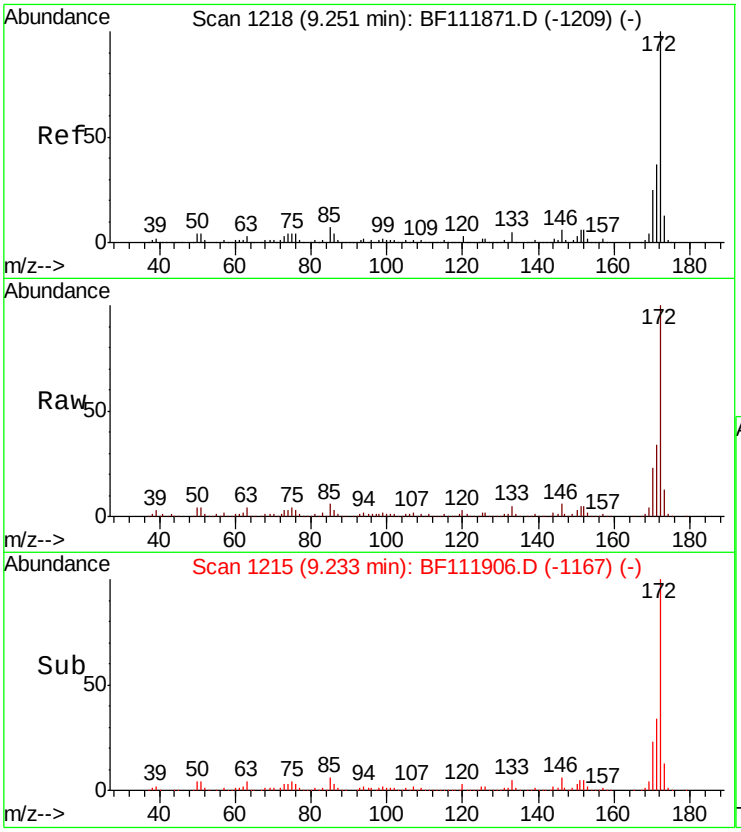


#42
2,4,6-Tribromophenol
Concen: 36.133 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:330 Resp: 102340

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	29.0	23.7	35.5



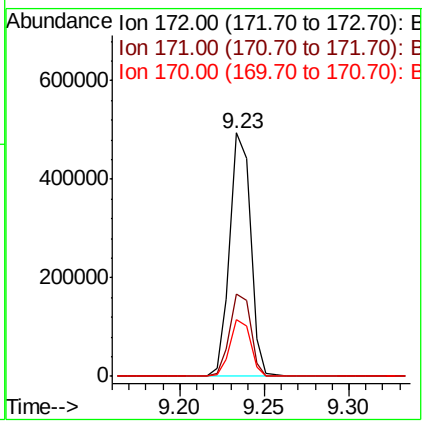


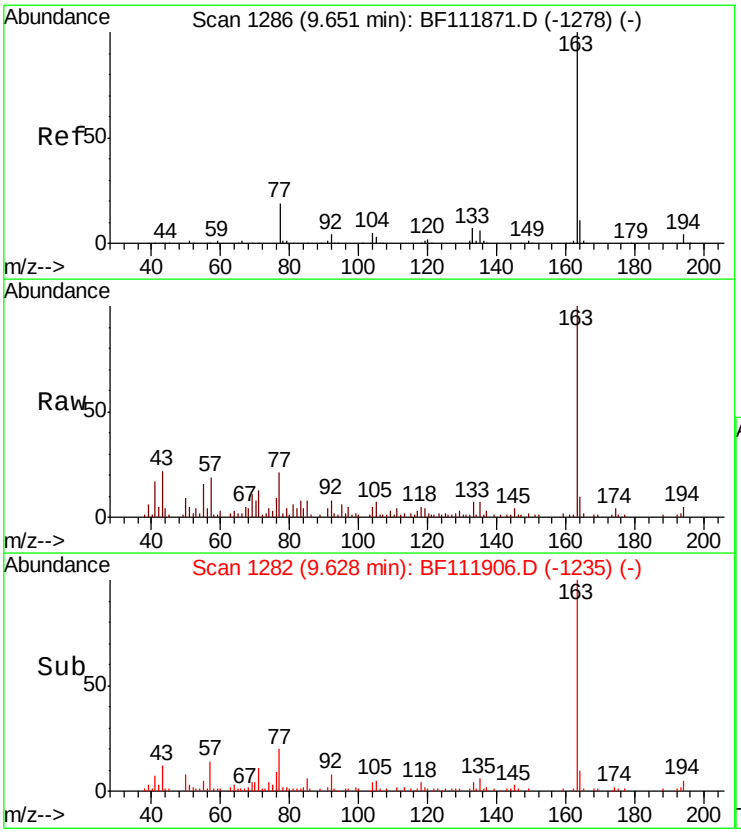
#45
2-Fluorobiphenyl
Concen: 28.419 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 424377

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.6	44.4
170	23.3	19.8	29.8

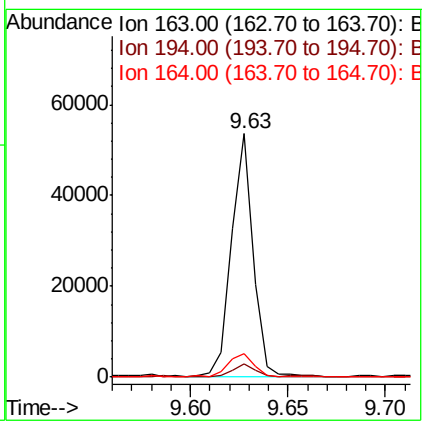


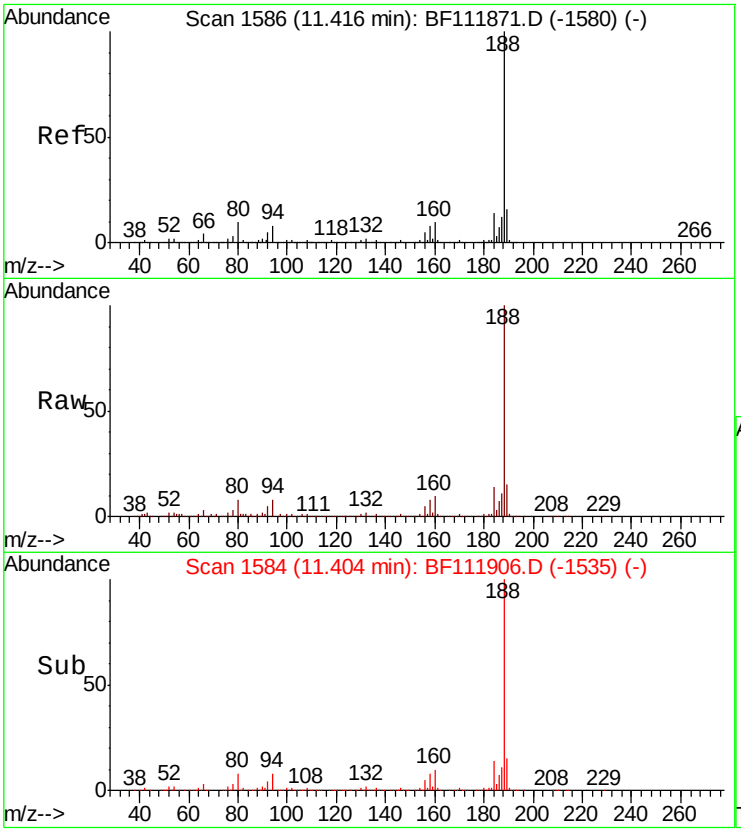


#50
Dimethylphthalate
Concen: 2.548 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:163 Resp: 41676

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	9.6	8.5	12.7



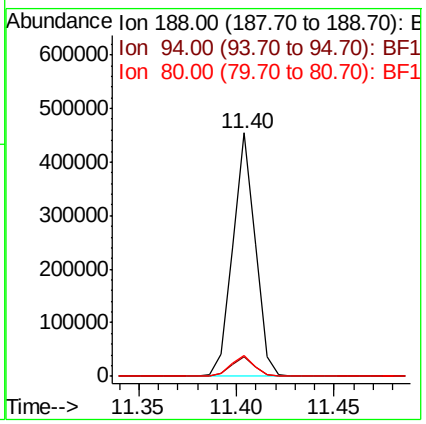


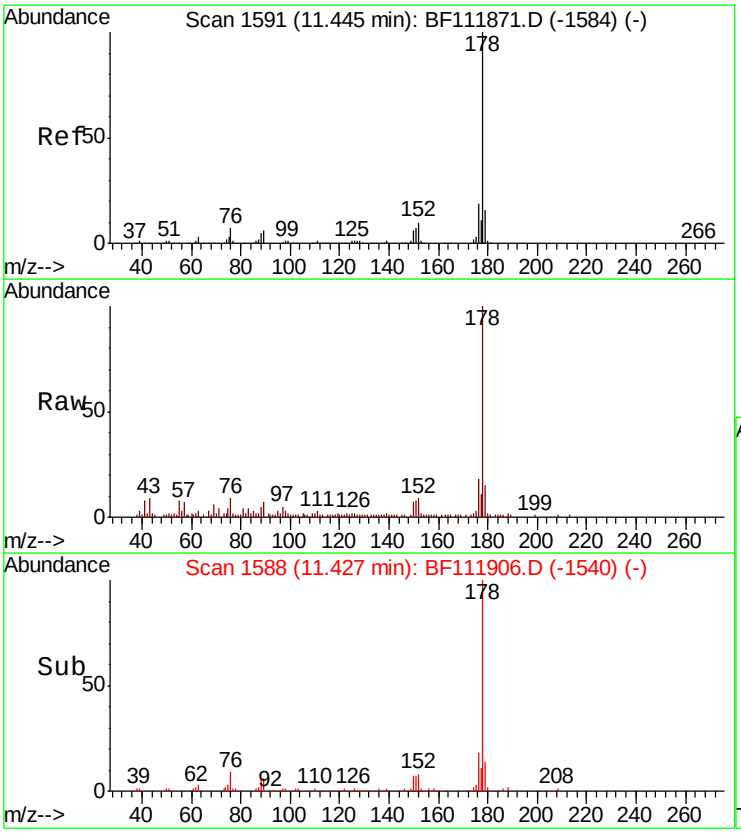
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 364017

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.6	10.0
80	8.4	7.7	11.5

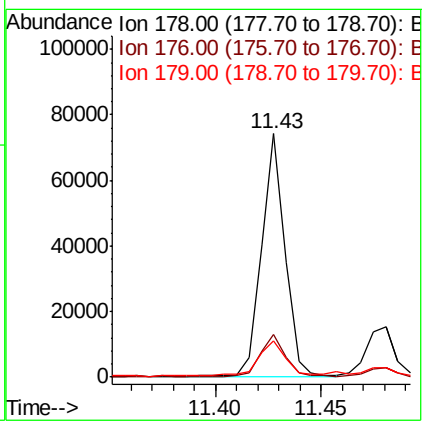


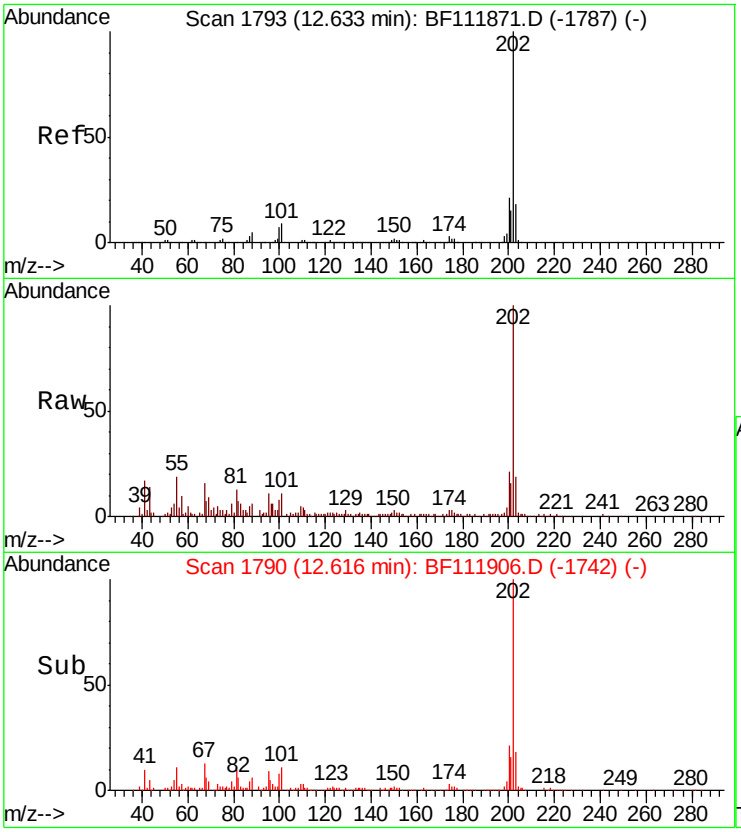


#71
Phenanthrene
Concen: 2.992 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:178 Resp: 58239

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	14.9	12.6	18.8



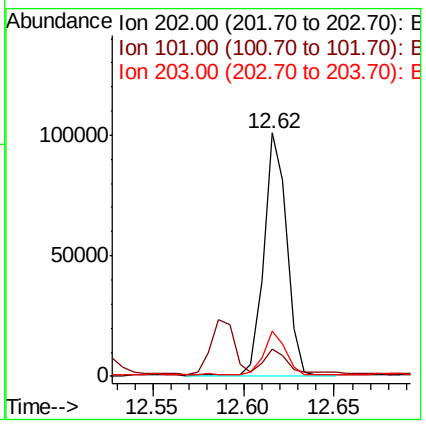


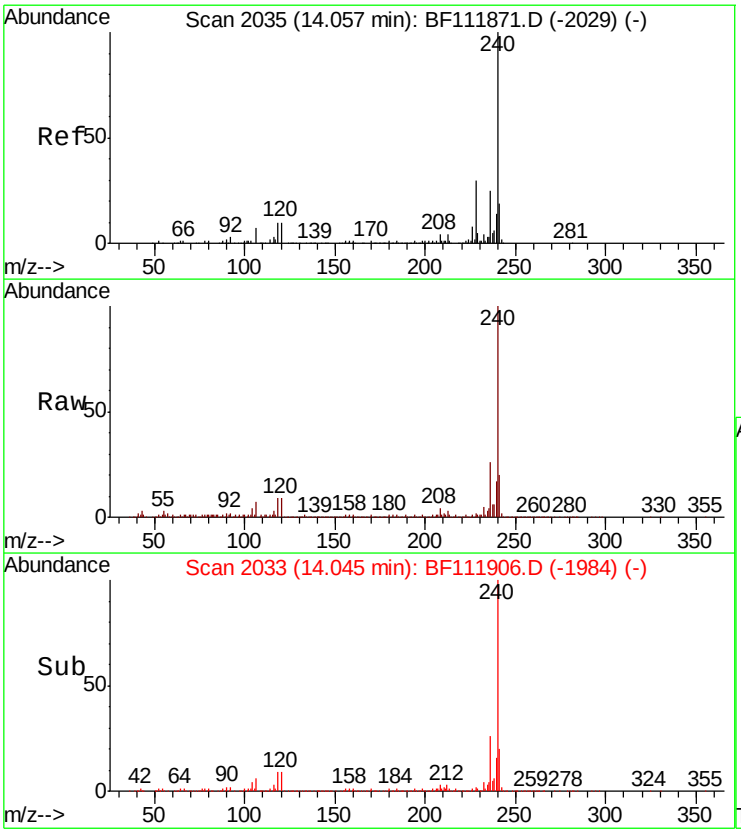
#75
Fluoranthene
Concen: 4.383 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 87567

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.3
203	18.6	0.0	37.6

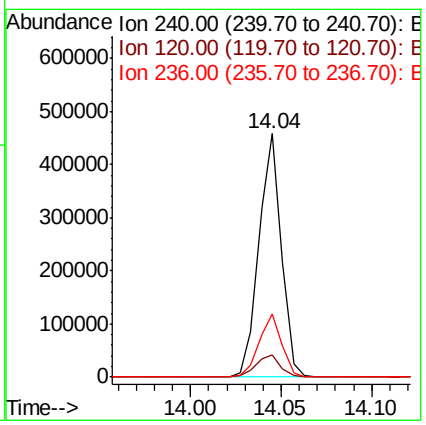


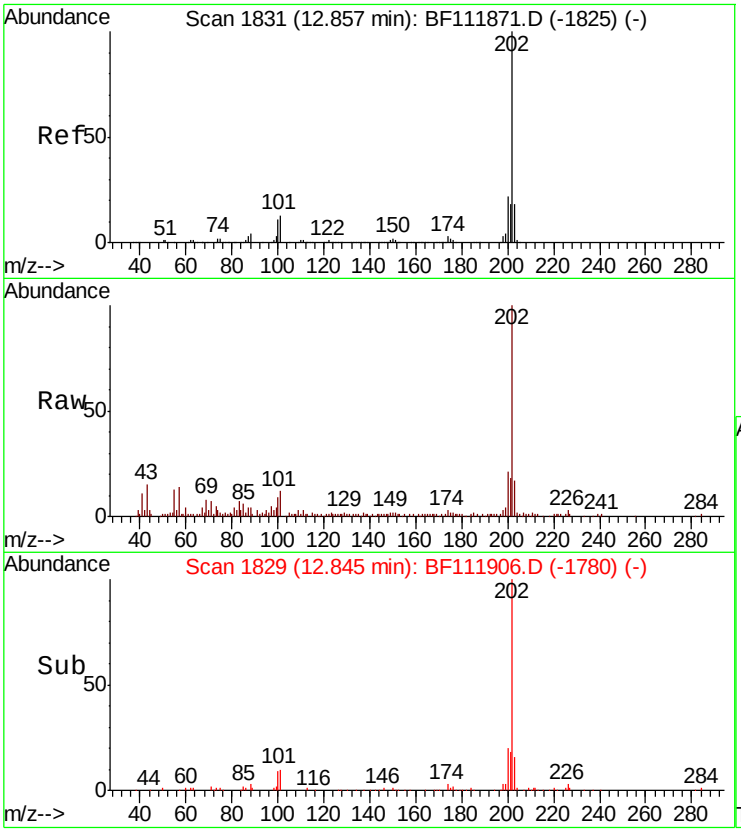


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:240 Resp: 393724

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	26.1	20.2	30.4



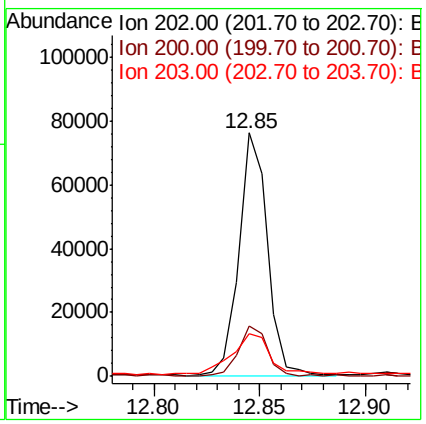


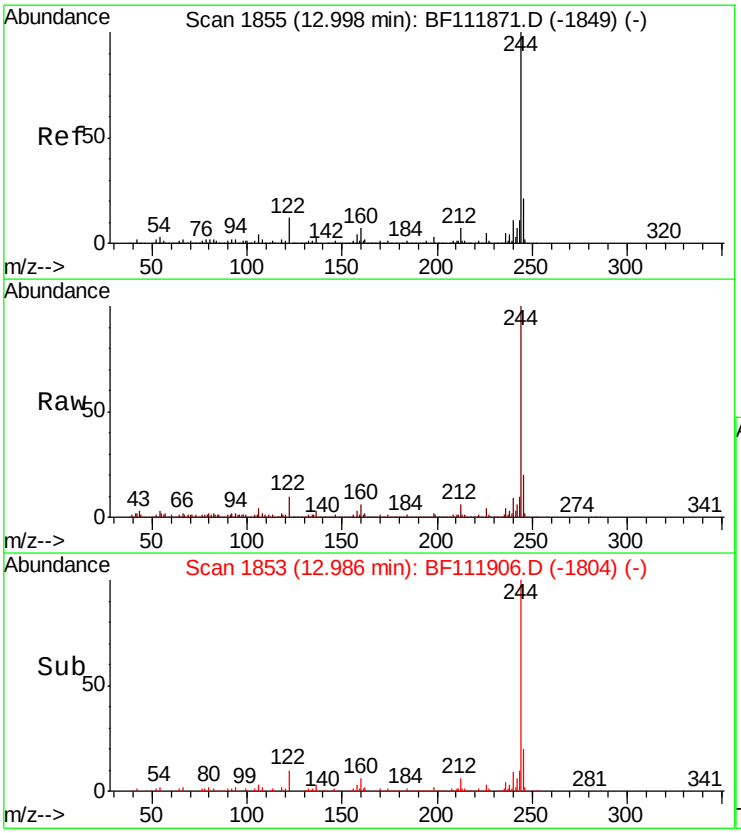
#78
Pyrene
Concen: 2.646 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 71695

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.4	14.6	21.8

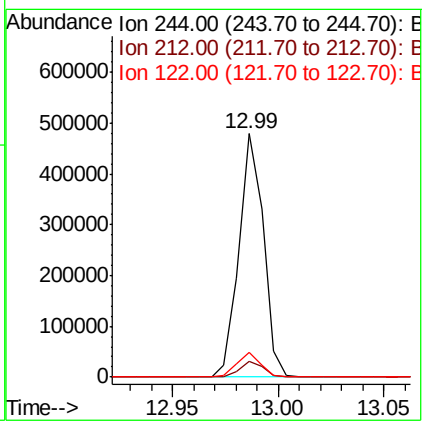


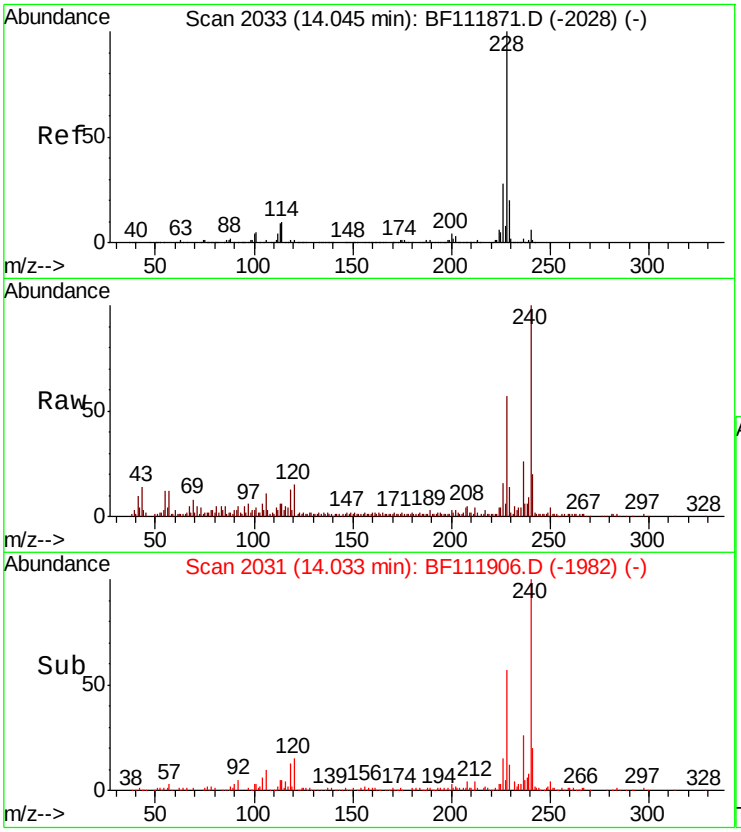


#79
Terphenyl-d14
Concen: 18.474 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:244 Resp: 383173

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	10.1	9.5	14.3



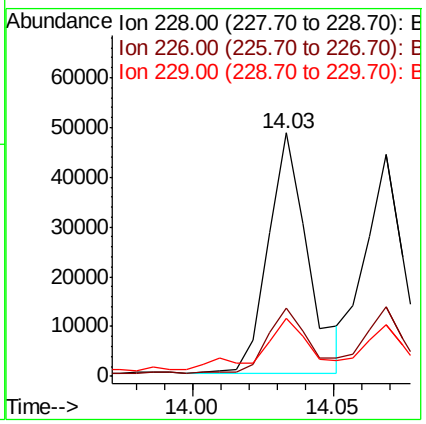


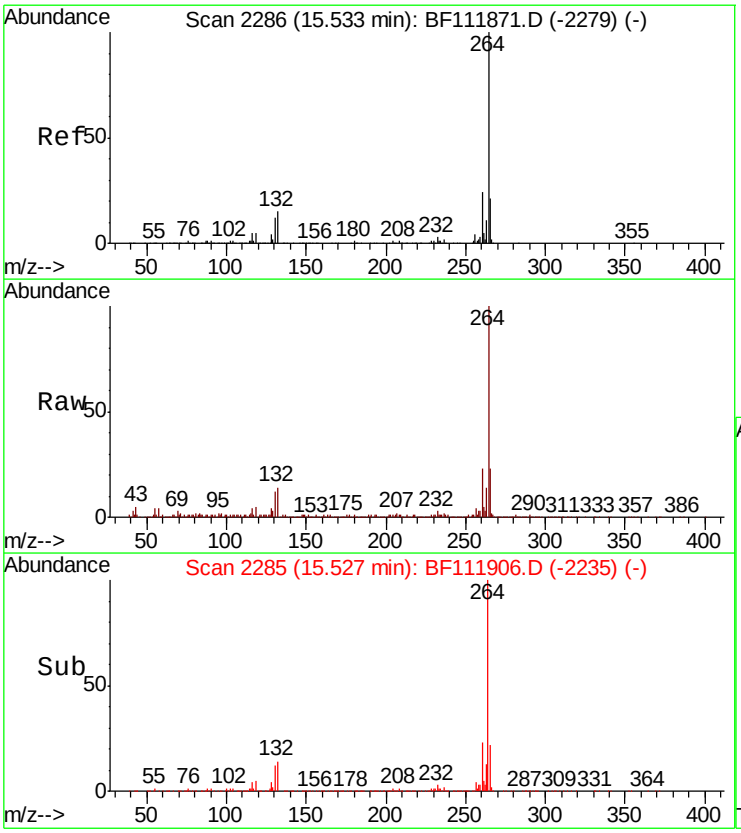
#81
Benzo(a)anthracene
Concen: 2.066 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 46824

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	23.8	16.2	24.2

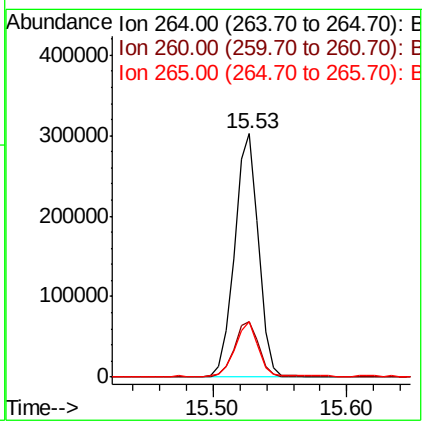


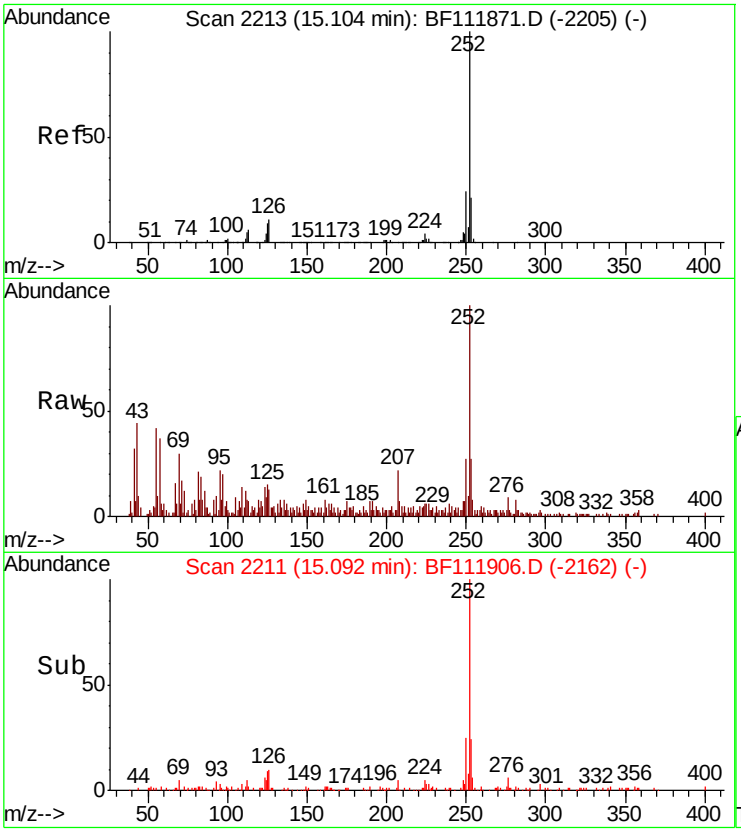


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:264 Resp: 373521

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.5	17.1	25.7



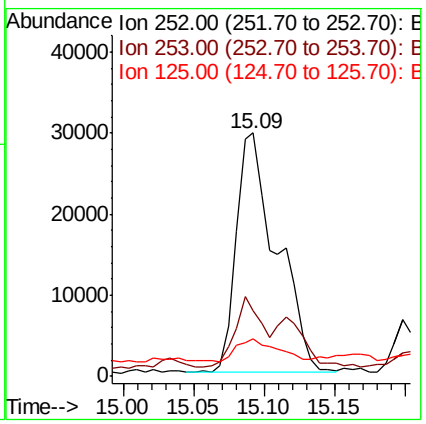


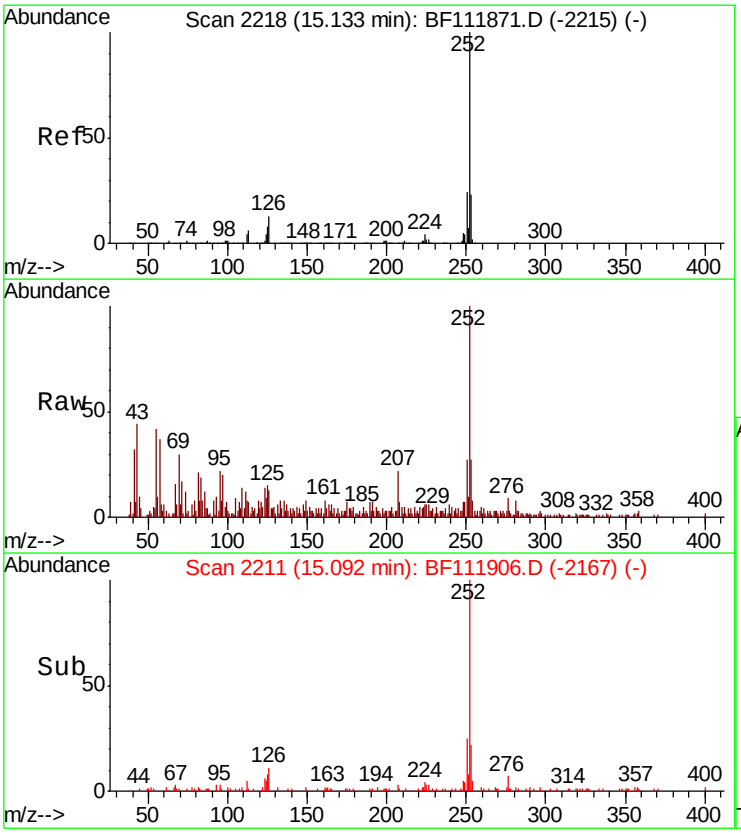
#88
Benzo(b)fluoranthene
Concen: 2.647 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 59155

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.0	25.6#
125	15.4	7.1	10.7#





#89
Benzo(k)fluoranthene
Concen: 2.817 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:252 Resp: 59155

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.6#
125	15.4	7.0	10.4#