Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\

Quantitation Report (Not Reviewed)

Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Time: Nov 30 02:38:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	65159	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	270760	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	120511	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	186042	20.00	ng		0.00
76) Chrysene-d12	14.13	240	150031	20.00	ng		0.00
87) Perylene-d12	15.66	264	109088	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	175623	44.70	ng		0.00
7) Phenol-d6	6.56	99	235418	45.98	ng		-0.01
23) Nitrobenzene-d5	7.50	82	146487	30.96	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	44467	37.15	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	252055	30.30	ng		0.00
79) Terphenyl-d14	13.05	244	185809	24.11	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.70	77	4132	Below Cal		#	80
10) Phenol	6.57	94	18590	3.224	ng		87
19) n-Nitroso-di-n-propylamine	7.50	70	18741	5.619	ng	#	84
25) Isophorone	7.50	82	146488	18.876	ng	#	67
50) Dimethylphthalate	9.69	163	25486	2.884	ng		98
51) 2,6-Dinitrotoluene	9.97	165	15332	7.792	ng	#	21
56) 4-Nitrophenol	10.20	139	344	4.493	ng	#	6
57) 2,4-Dinitrotoluene	9.97	165	15332	6.006	ng	#	17
71) Phenanthrene	11.49	178	36635	3.718	ng		99
72) Anthracene	11.49	178	36635	3.651	ng		99
75) Fluoranthene	12.69	202	46933	4.634	ng		98
78) Pyrene	12.93	202	42445	3.873	ng		98
81) Benzo(a)anthracene	14.15	228	18952	2.140	ng		96
83) Chrysene	14.15	228	18952	2.173	ng		98
88) Benzo(b)fluoranthene	15.21	252	25118	3.919	ng	#	82
89) Benzo(k)fluoranthene	15.21	252	25118	3.808	ng	#	81
90) Benzo(a)pyrene	15.60	252	12874	2.158	ng	#	82

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

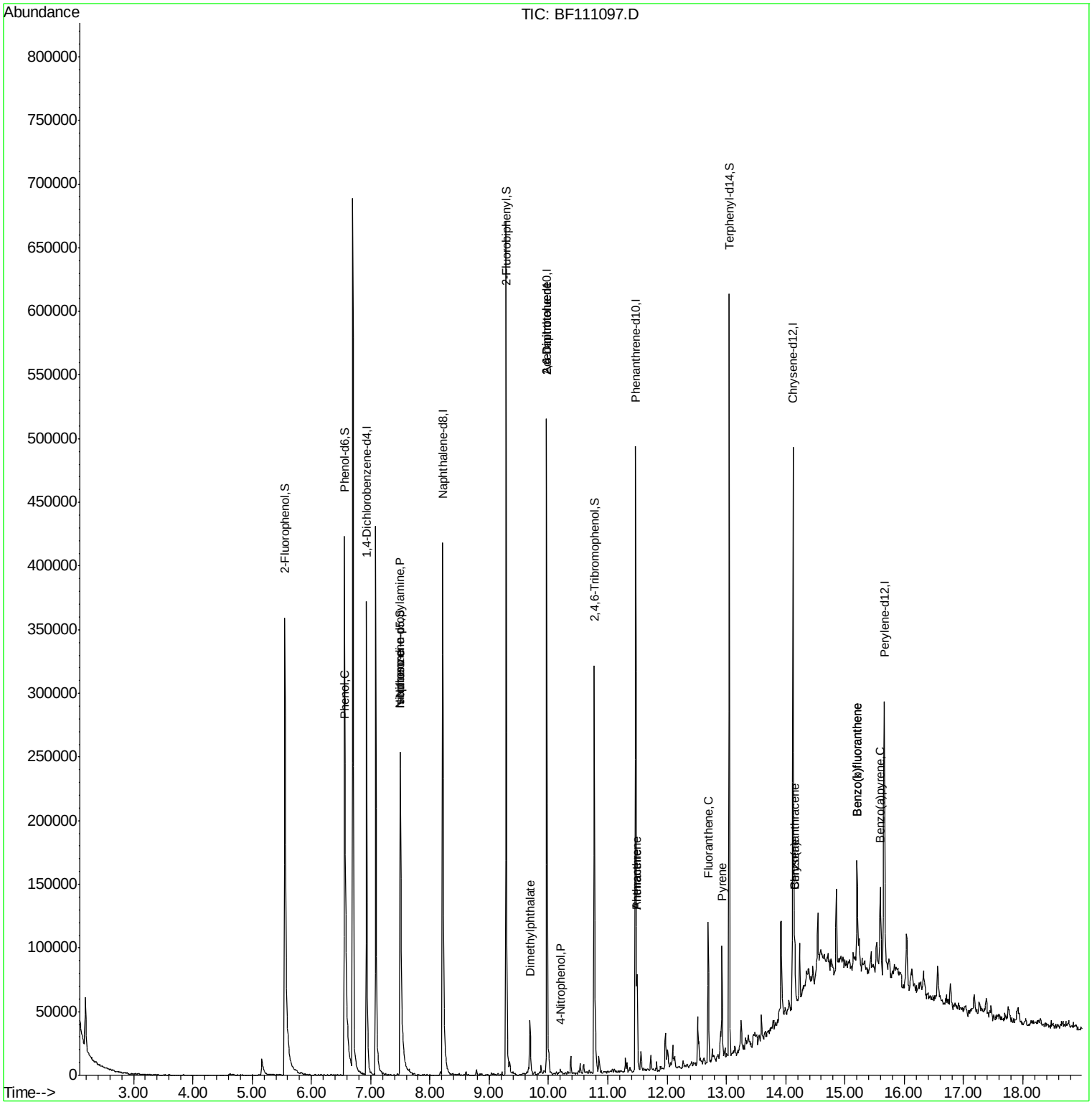
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\

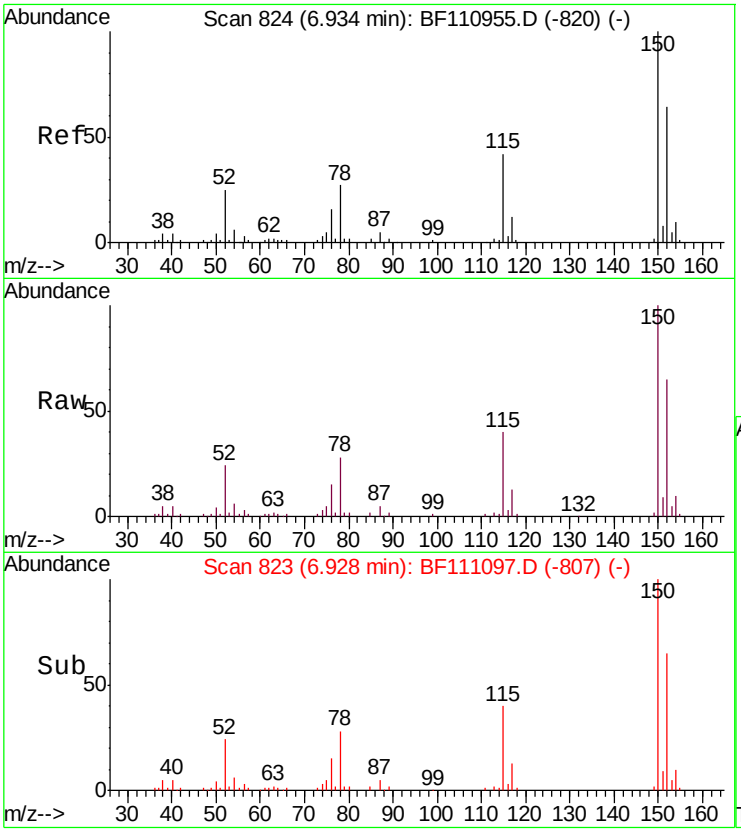
Quantitation Report (Not Reviewed)

Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Quant Time: Nov 30 02:38:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration



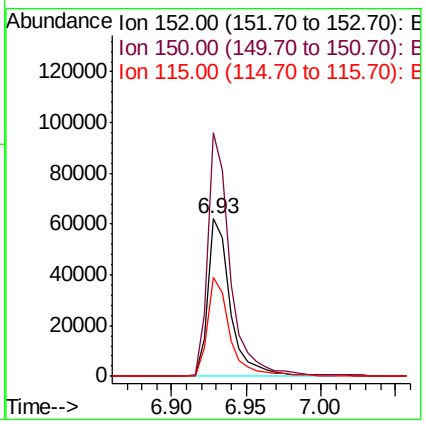


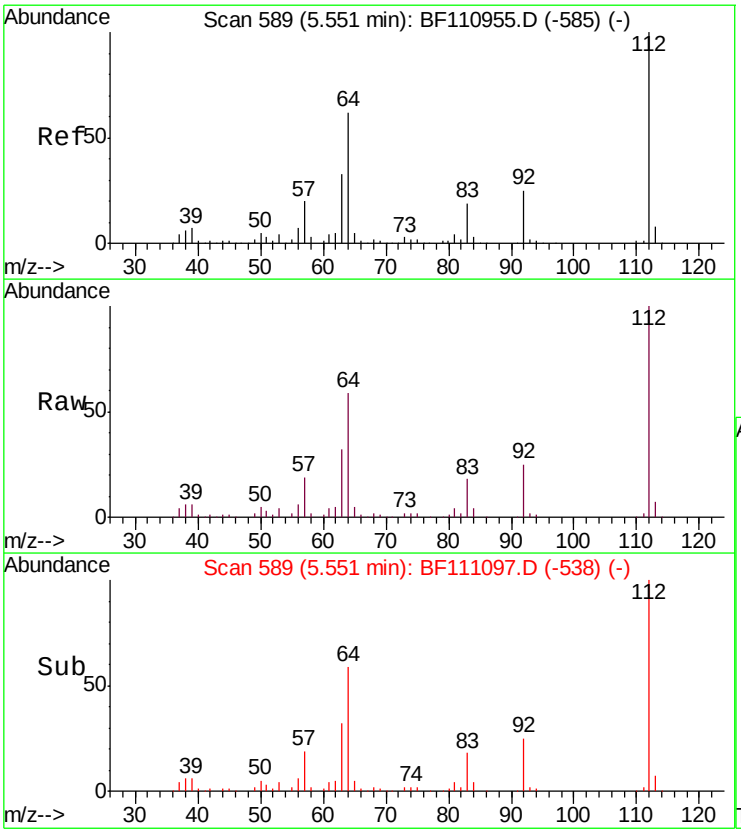
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:152 Resp: 65159

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.7	184.1
115	62.5	49.1	73.7

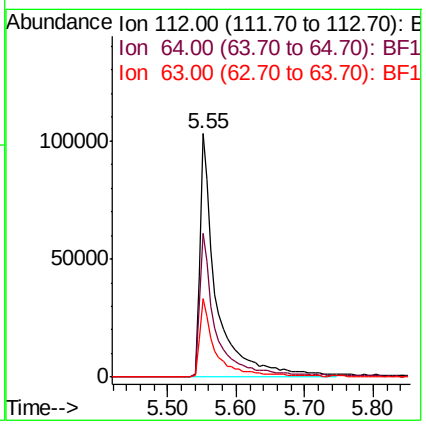


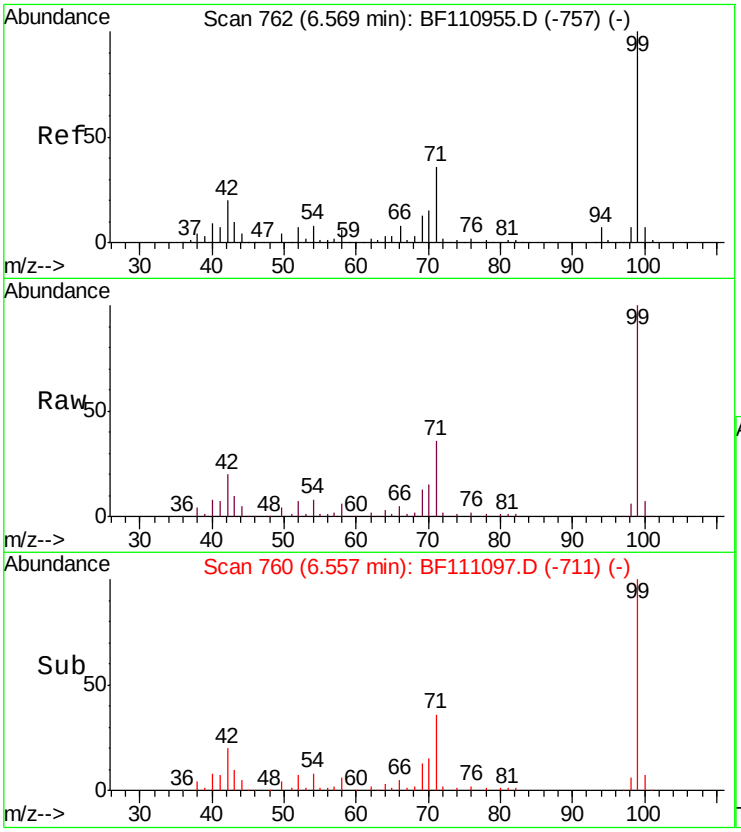


#5
2-Fluorophenol
Concen: 44.697 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:112 Resp: 175623

Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	32.1	23.7	35.5



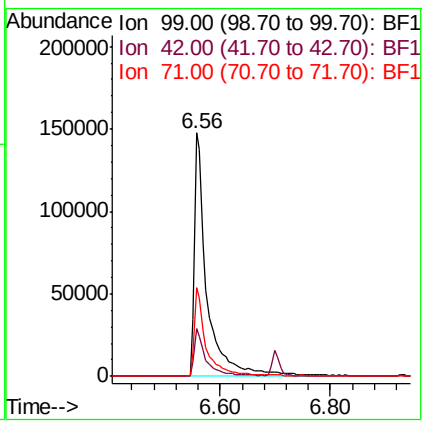


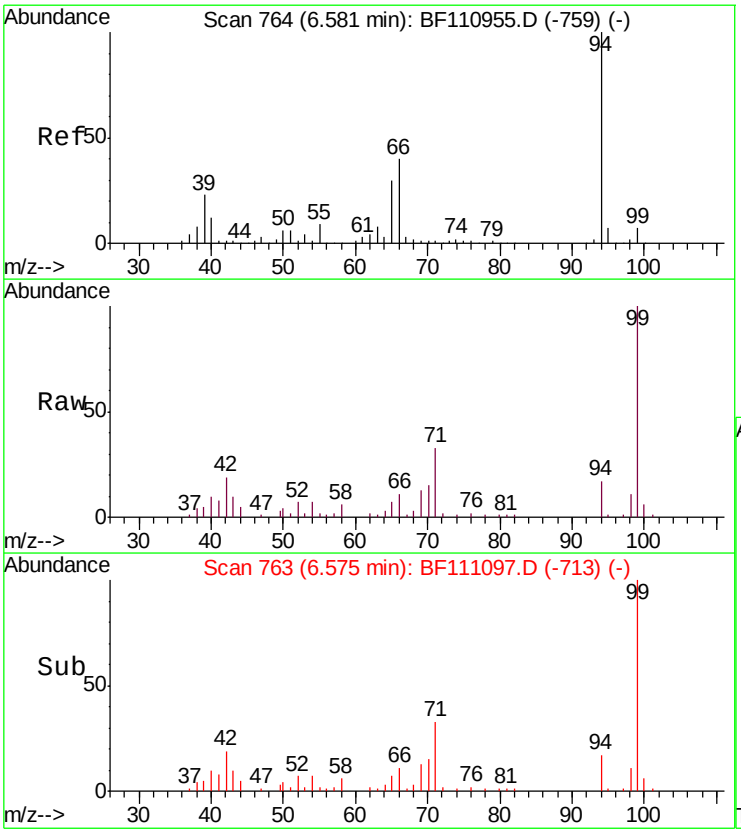
#7
Phenol-d6
Concen: 45.976 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion: 99 Resp: 235418

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	36.4	28.0	42.0

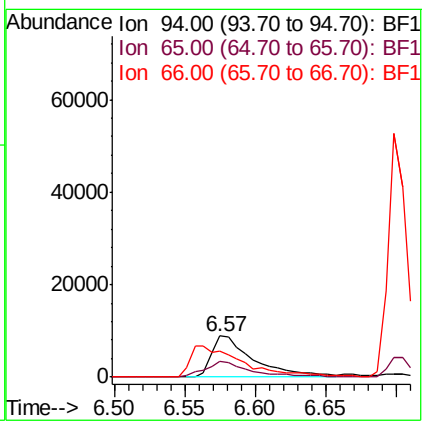


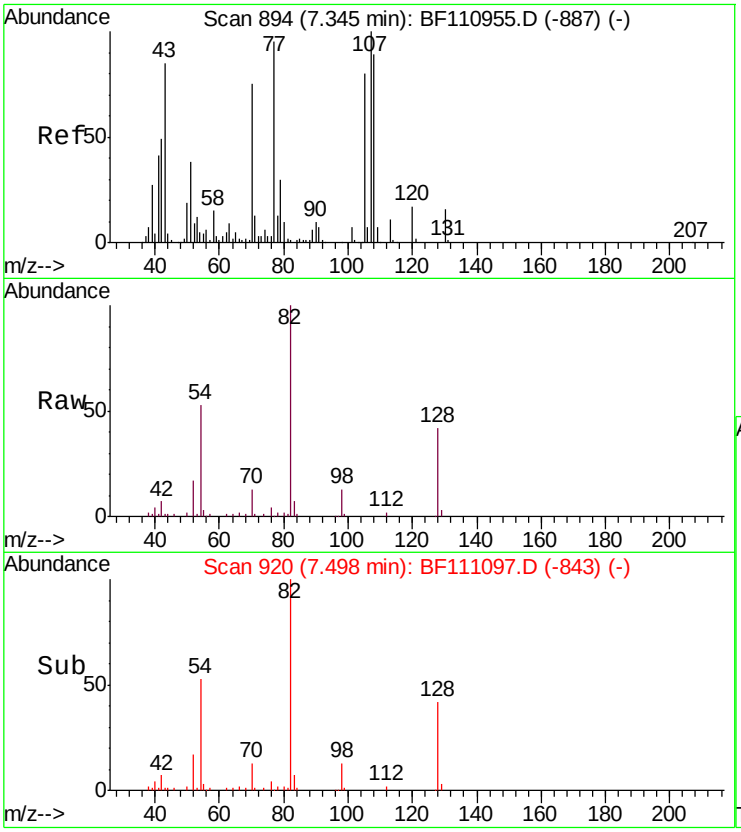


#10
Phenol
Concen: 3.224 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion: 94 Resp: 18590

Ion	Ratio	Lower	Upper
94	100		
65	38.6	25.3	65.3
66	62.2	54.5	94.5



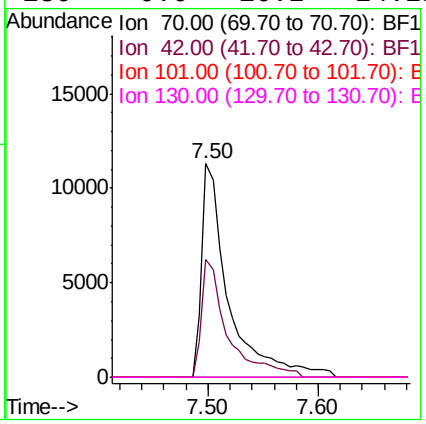


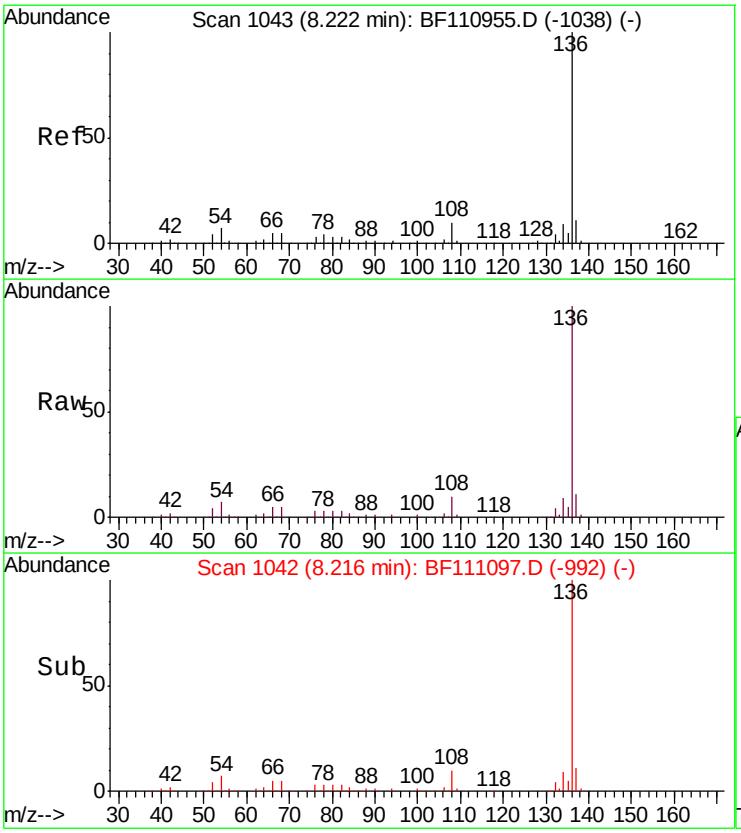
#19
n-Nitroso-di-n-propylamine
Concen: 5.619 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion: 70 Resp: 18741

Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#

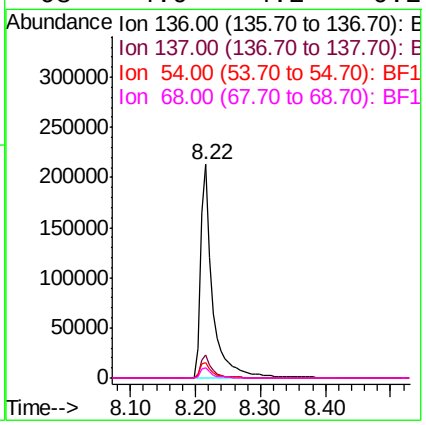


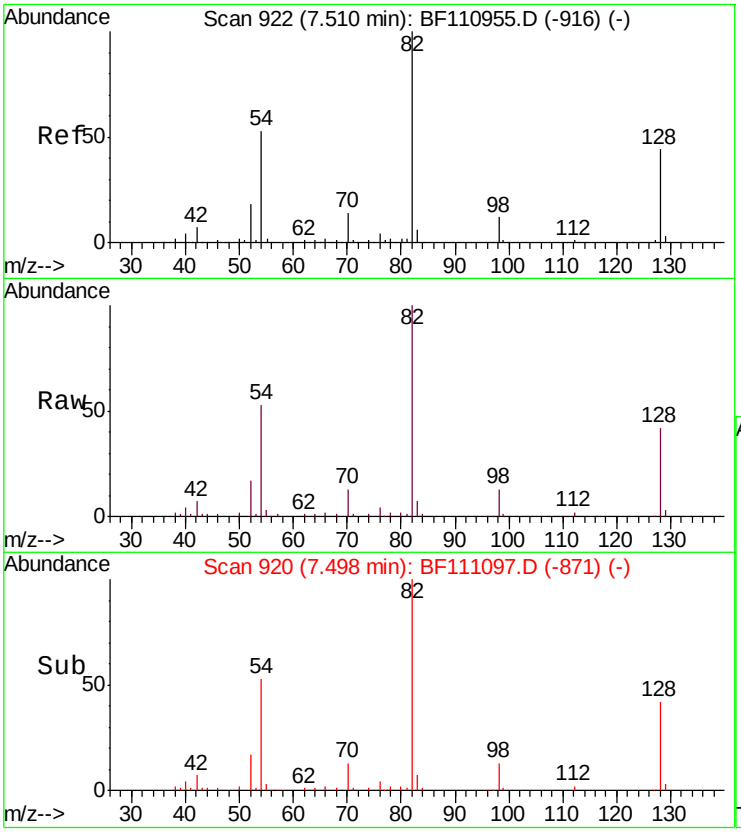


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:136 Resp: 270760

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.2	5.4	8.2
68	4.9	4.2	6.2



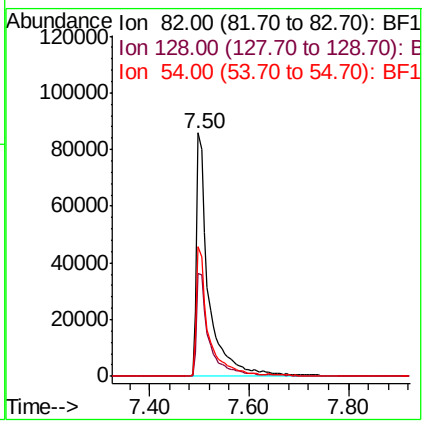


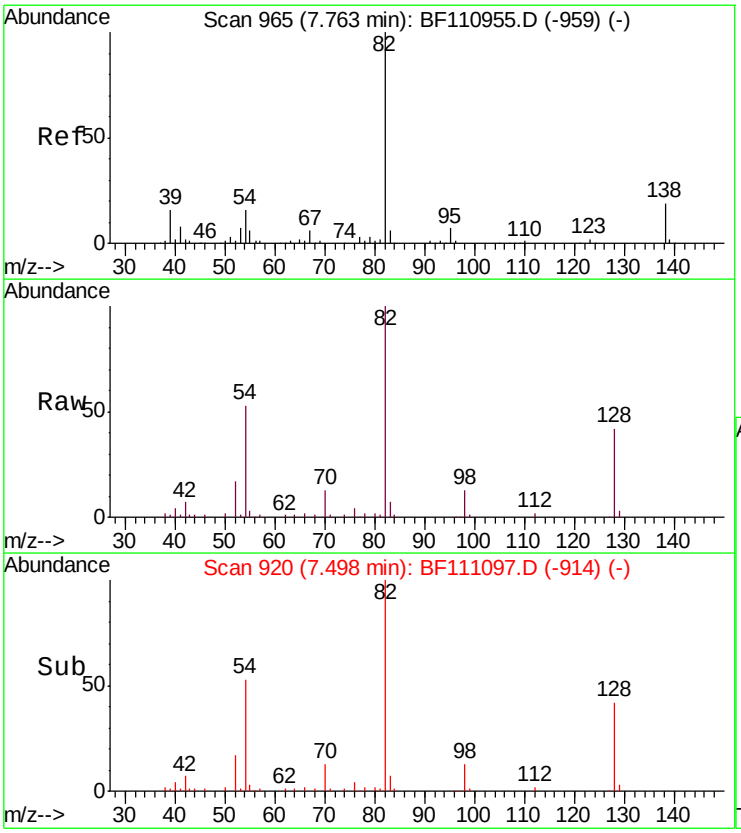
#23
Nitrobenzene-d5
Concen: 30.963 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion: 82 Resp: 146487

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.2	51.2
54	53.2	38.6	58.0

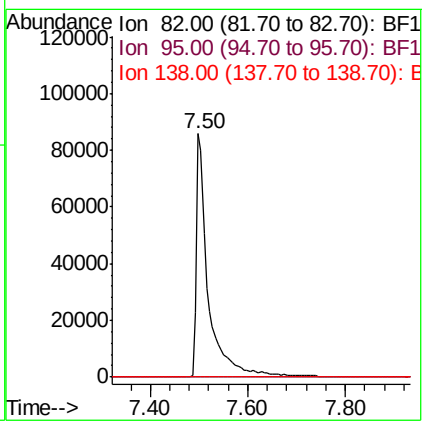


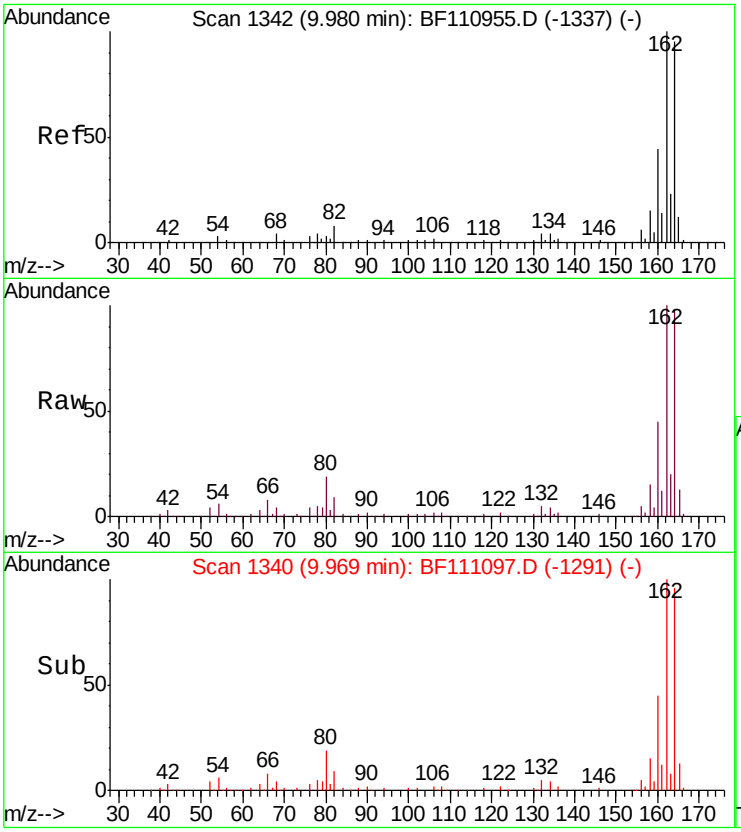


#25
Isophorone
Concen: 18.876 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion: 82 Resp: 146488

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



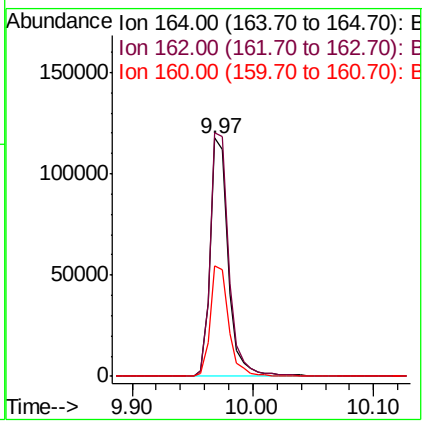


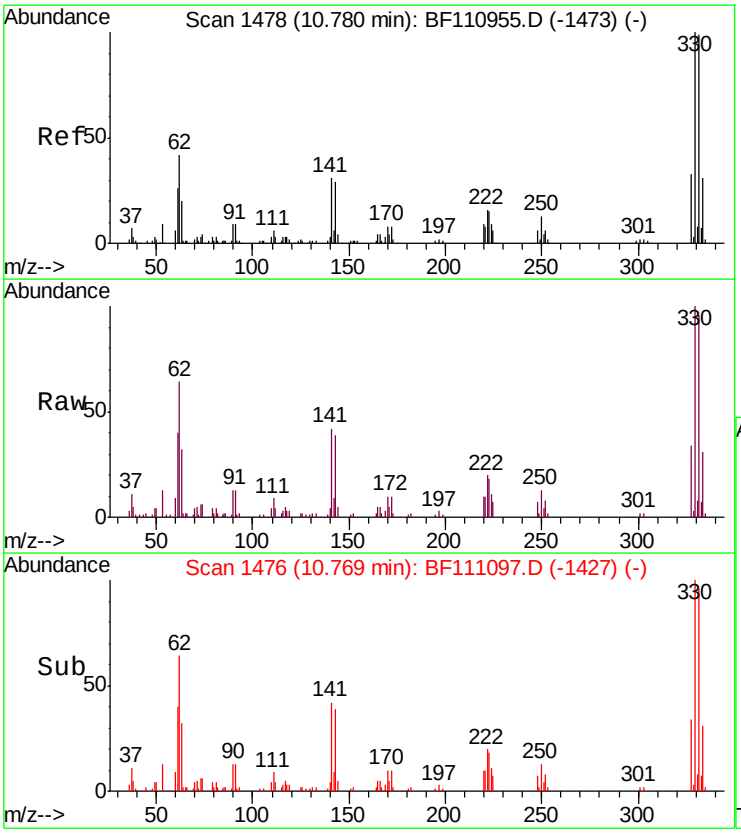
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:164 Resp: 120511

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	46.3	37.0	55.6

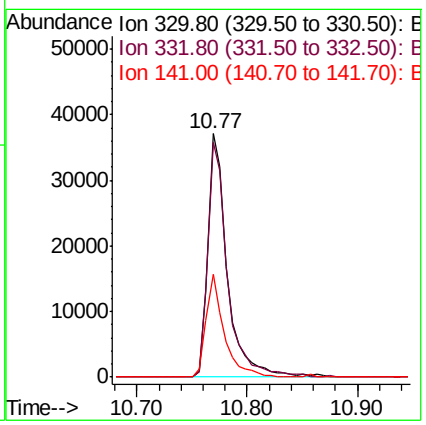


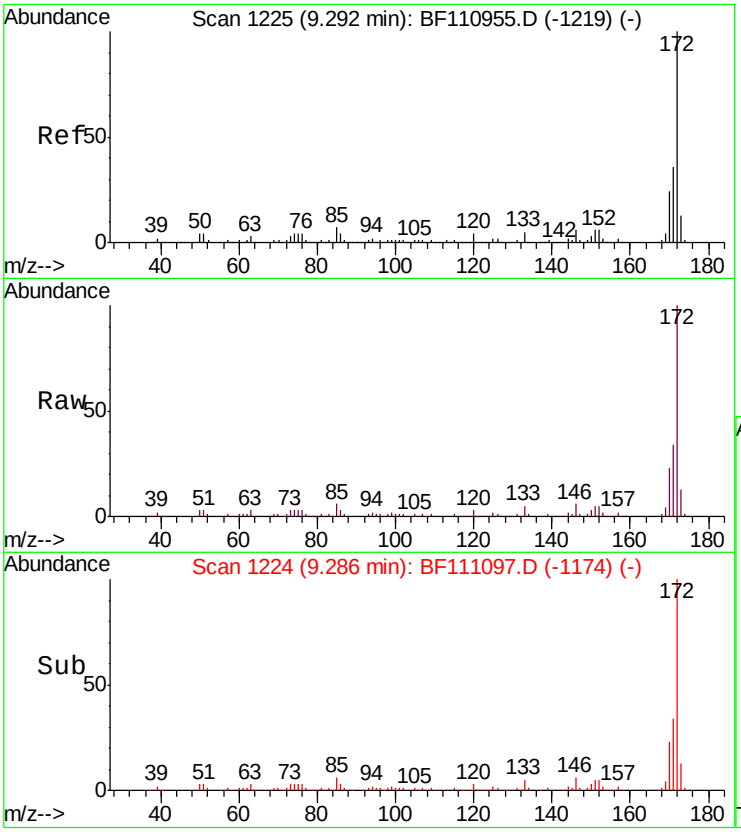


#42
2,4,6-Tribromophenol
Concen: 37.154 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:330 Resp: 44467

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	38.6	27.0	40.4



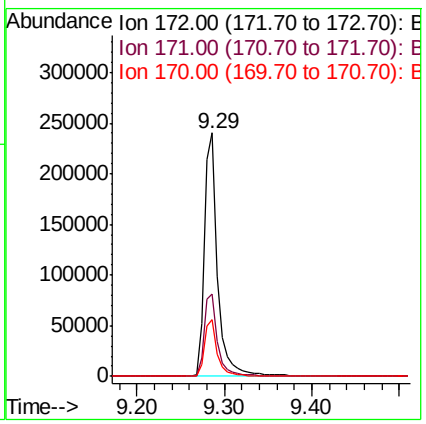


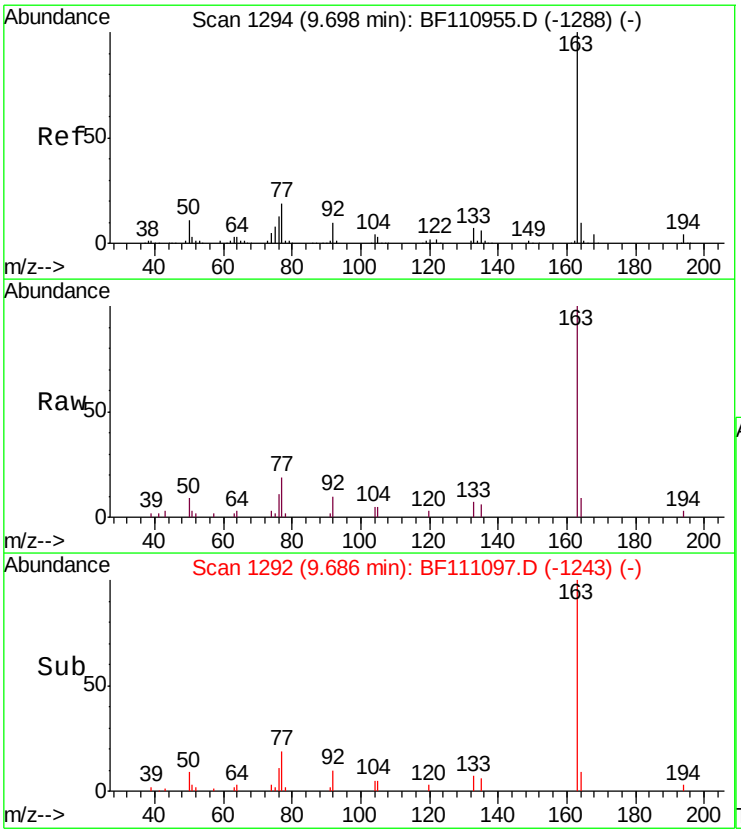
#45
2-Fluorobiphenyl
Concen: 30.302 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:172 Resp: 252055

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	43.0
170	23.4	19.7	29.5

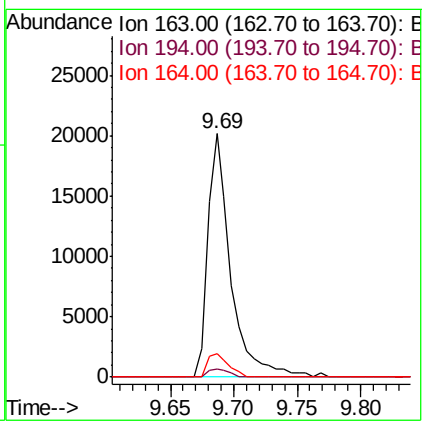


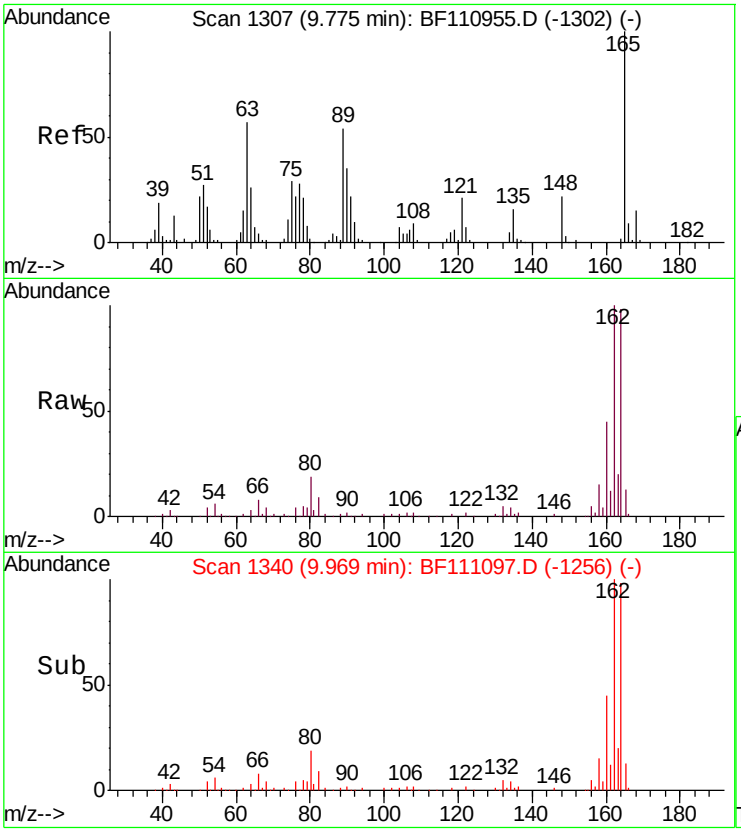


#50
Dimethylphthalate
Concen: 2.884 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:163 Resp: 25486

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8
164	9.4	8.1	12.1



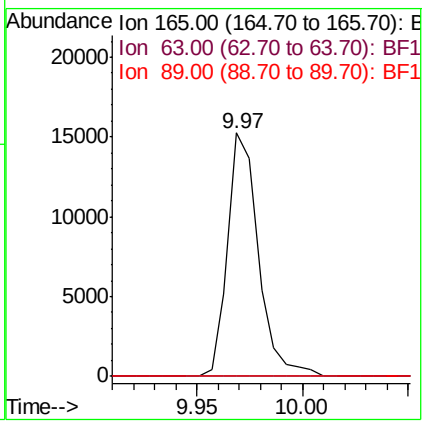


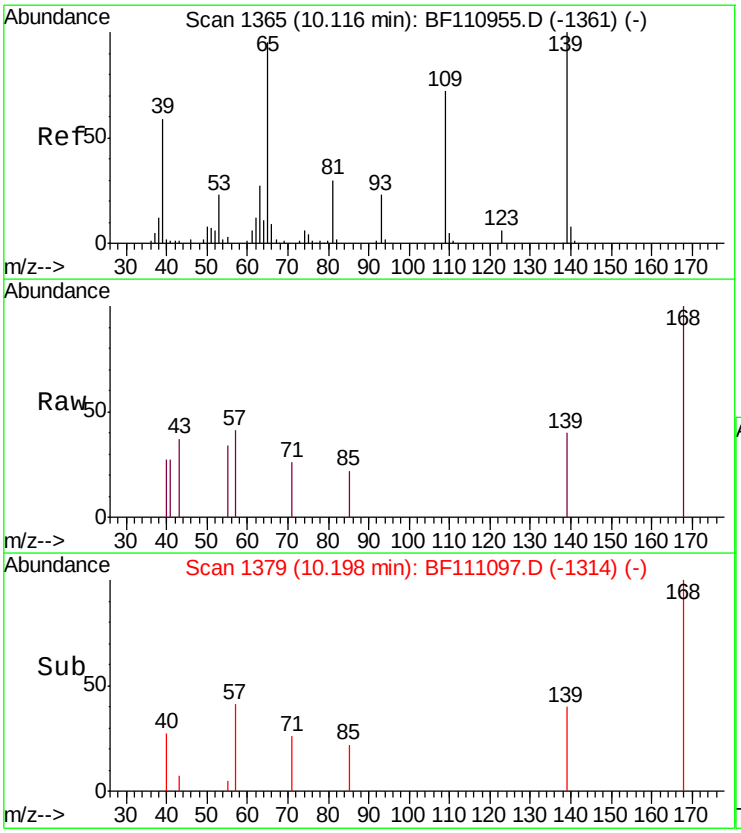
#51
2,6-Dinitrotoluene
Concen: 7.792 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.19 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:165 Resp: 15332

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

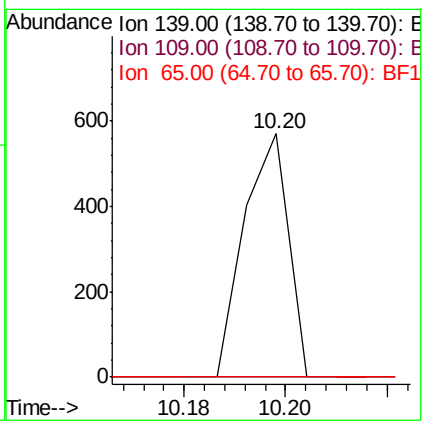


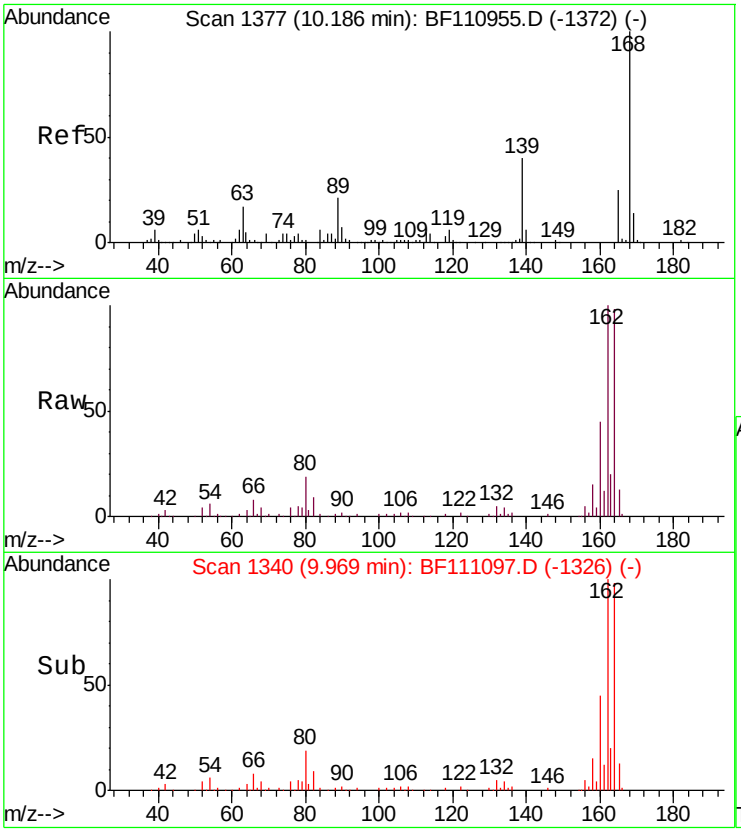


#56
4-Nitrophenol
Concen: 4.493 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.08 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:139 Resp: 344

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#



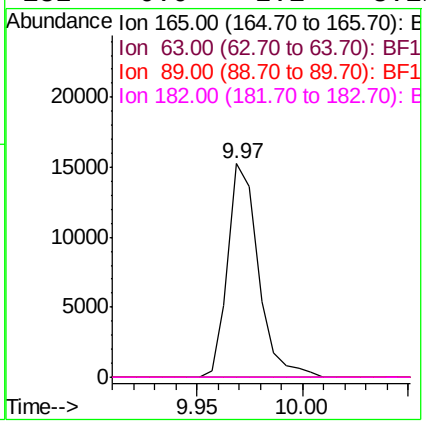


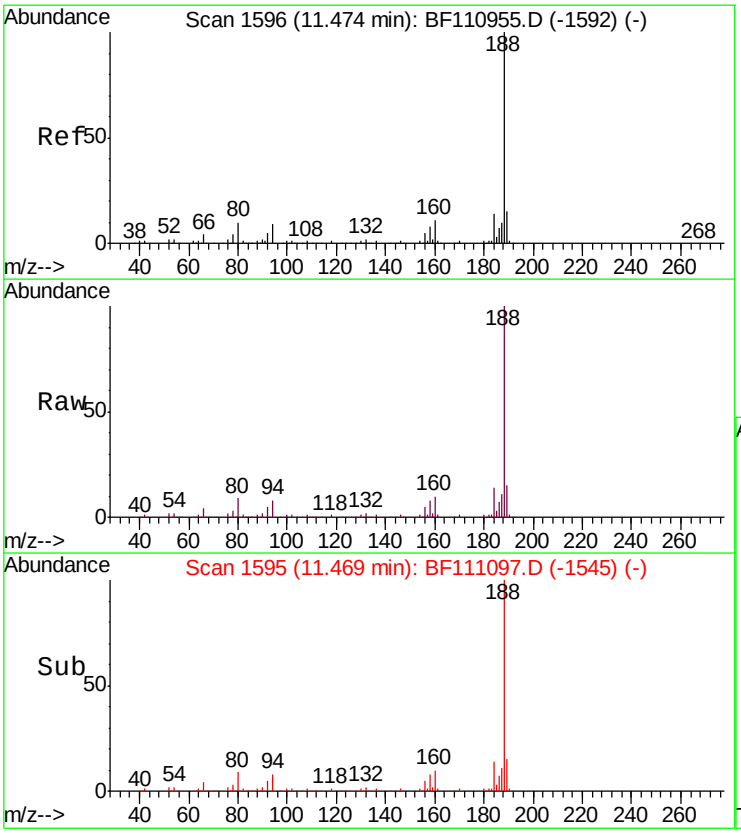
#57
2,4-Dinitrotoluene
Concen: 6.006 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.22 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:165 Resp: 15332

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

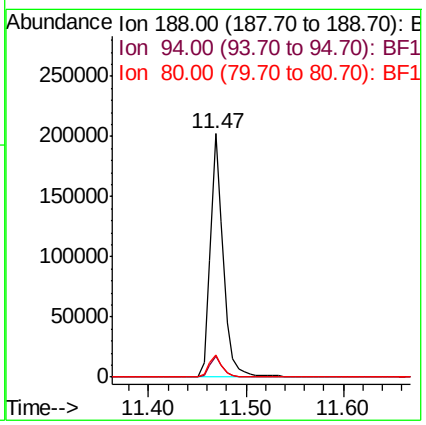


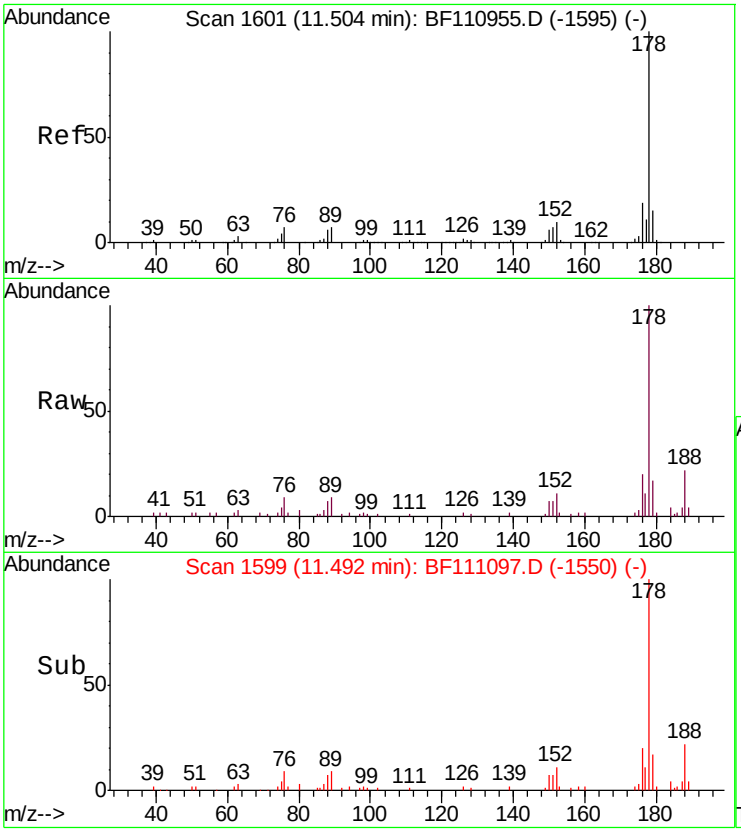


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:188 Resp: 186042

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.1	7.9	11.9



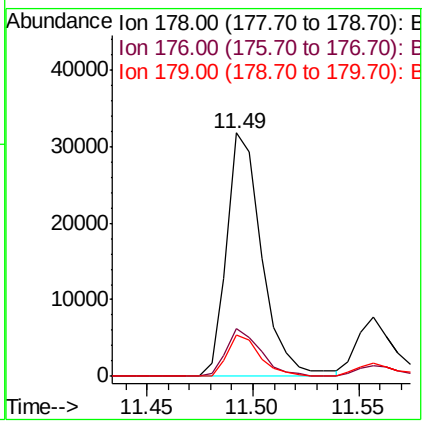


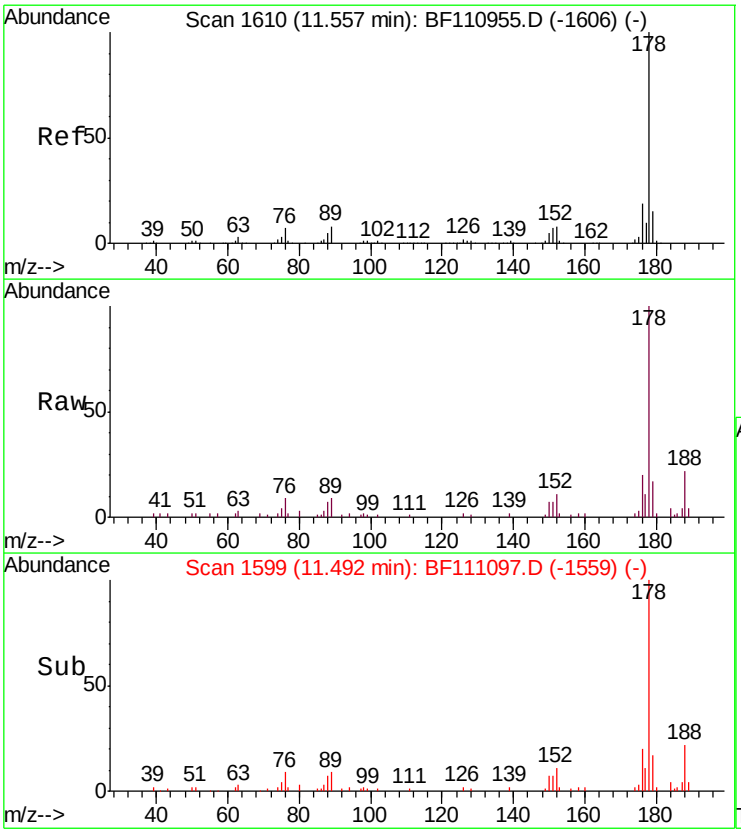
#71
Phenanthrene
Concen: 3.718 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:178 Resp: 36635

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.7	12.5	18.7

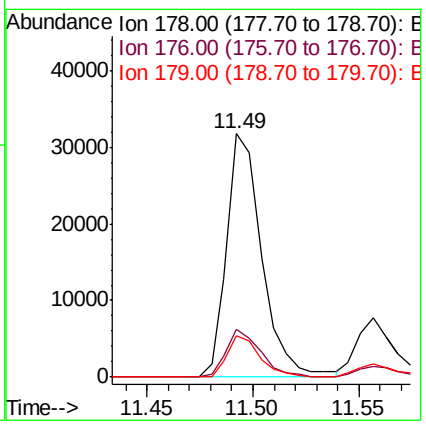


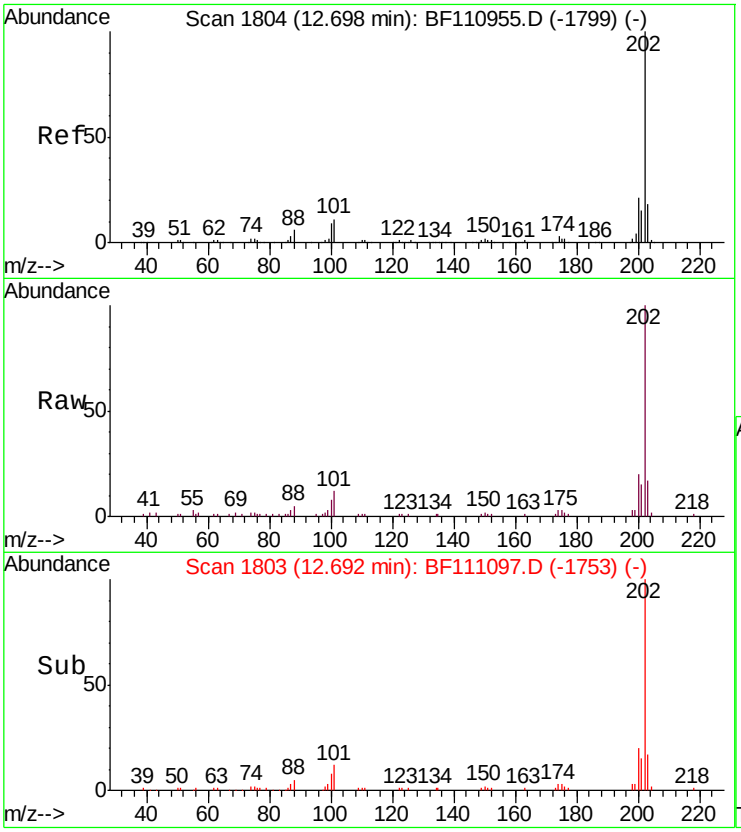


#72
Anthracene
Concen: 3.651 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.06 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:178 Resp: 36635

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.7	12.6	18.8



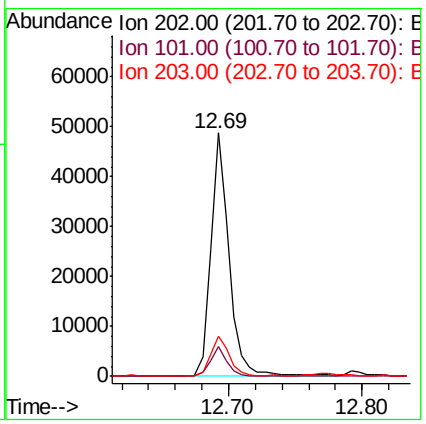


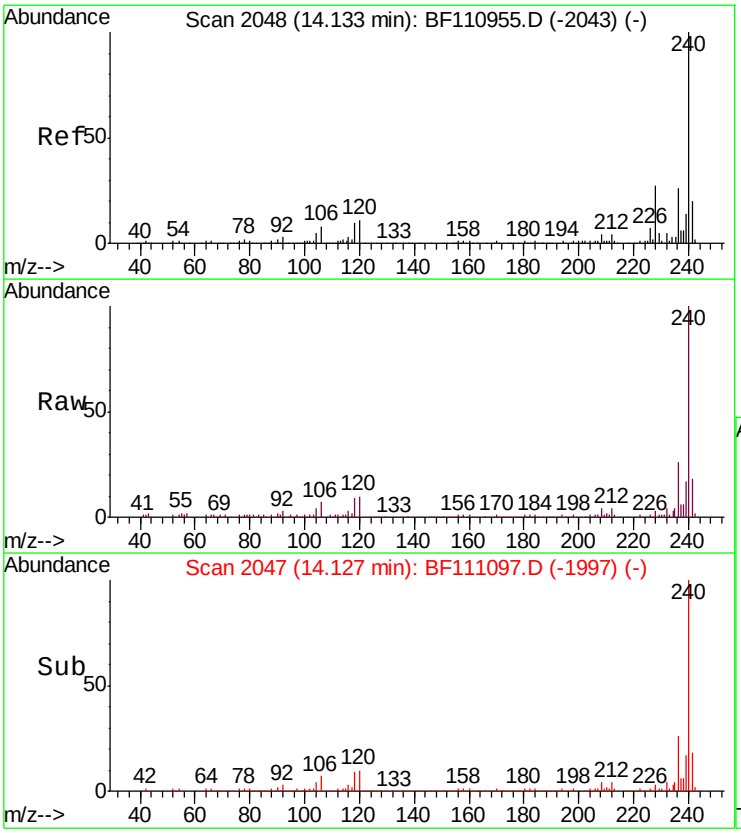
#75
Fluoranthene
Concen: 4.634 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:202 Resp: 46933

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.4
203	16.7	0.0	37.7

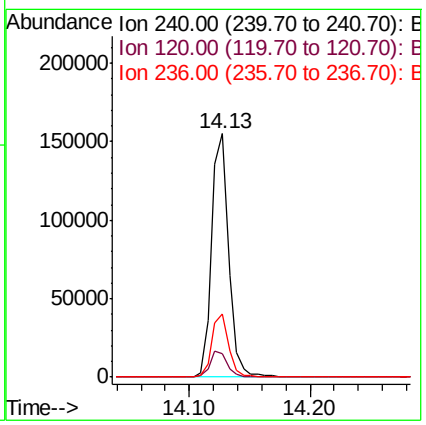


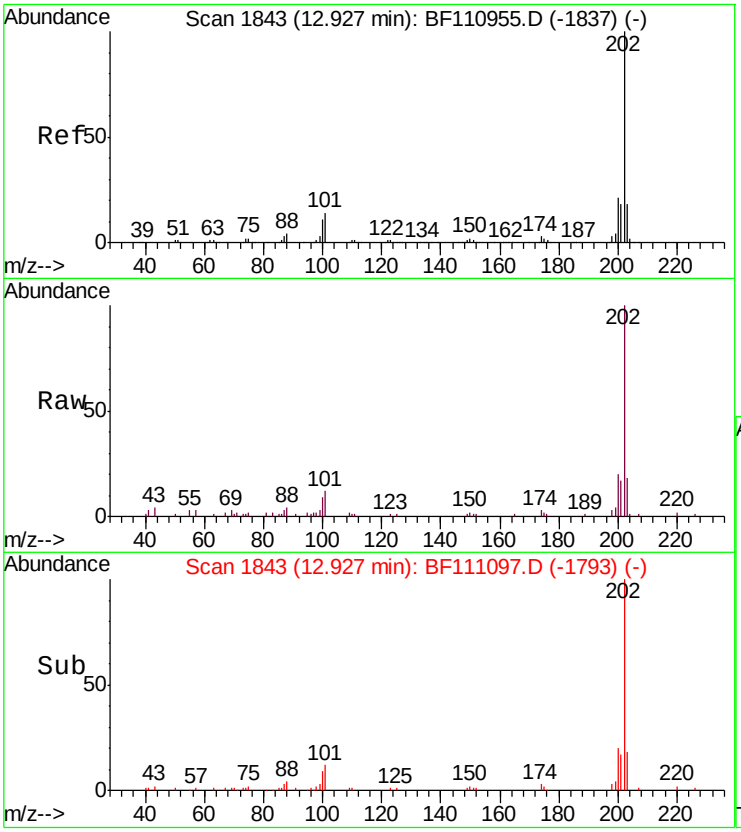


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:240 Resp: 150031

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.3	12.5
236	26.0	21.2	31.8



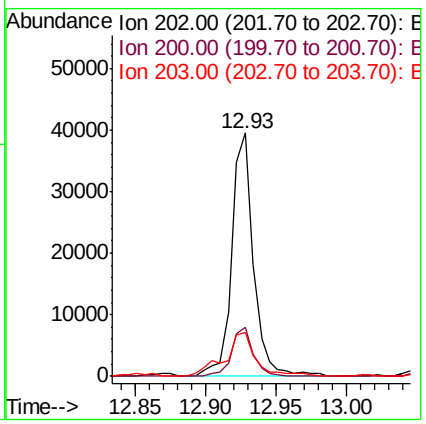


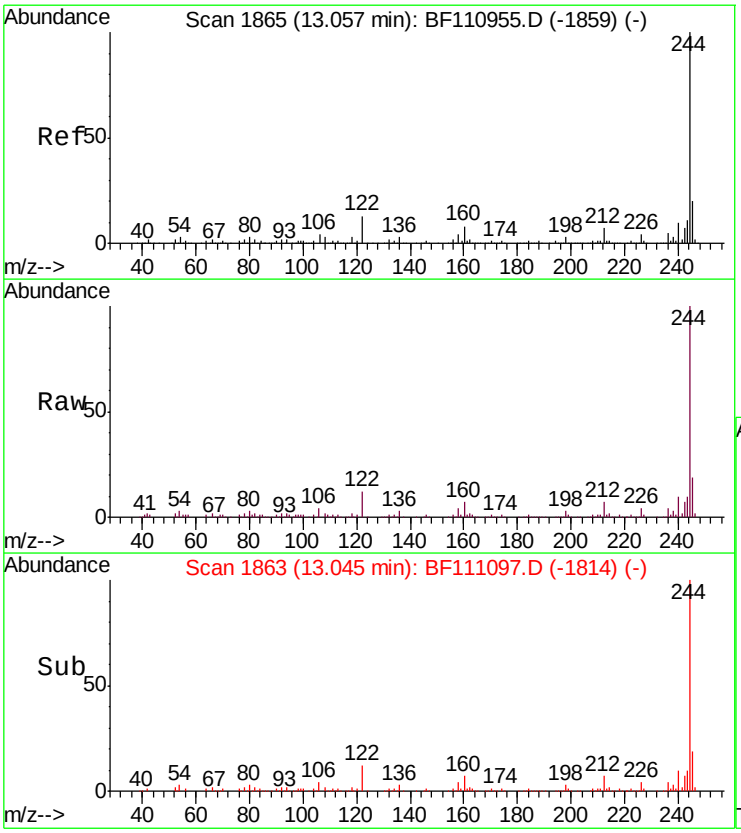
#78
Pyrene
Concen: 3.873 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:202 Resp: 42445

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	17.9	14.2	21.4

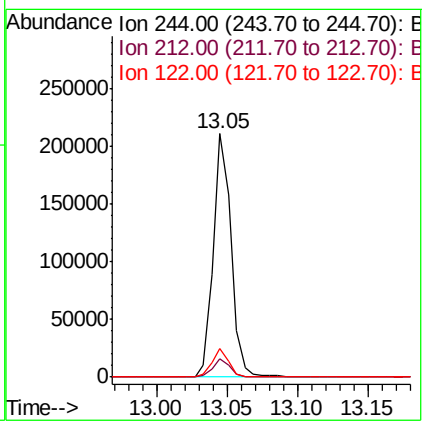


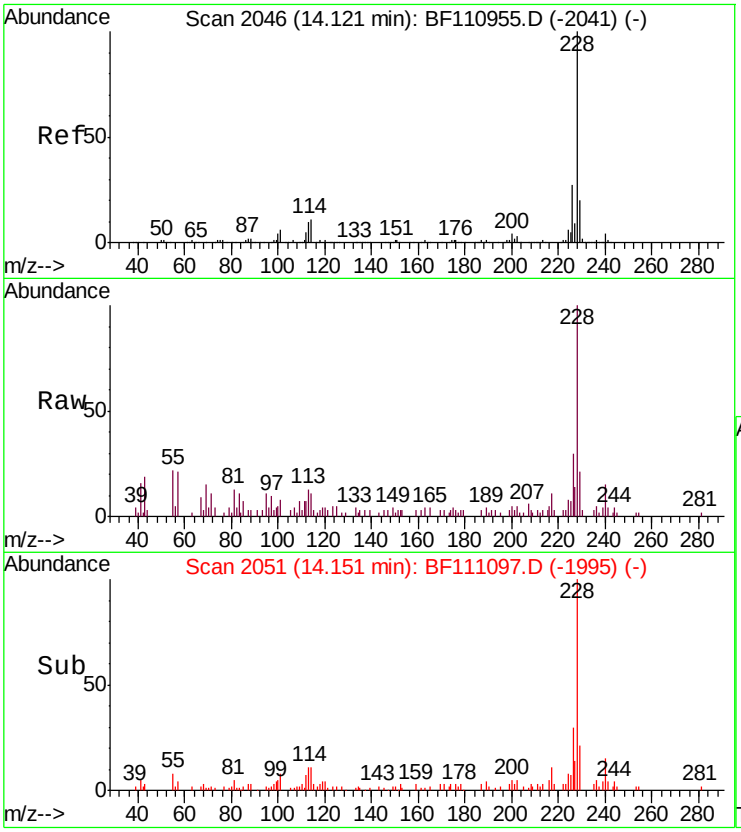


#79
Terphenyl-d14
Concen: 24.109 ng
RT: 13.05 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:244 Resp: 185809

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.6	8.7	13.1



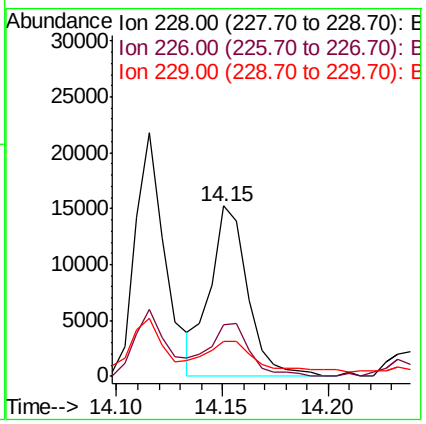


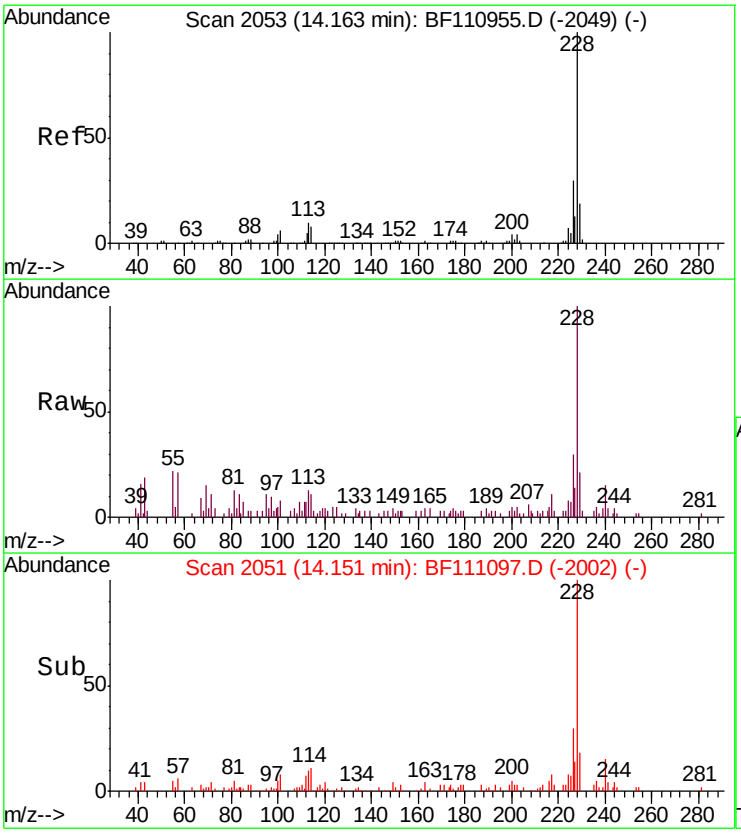
#81
Benzo(a)anthracene
Concen: 2.140 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.03 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:228 Resp: 18952

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.1	33.1
229	20.5	15.6	23.4

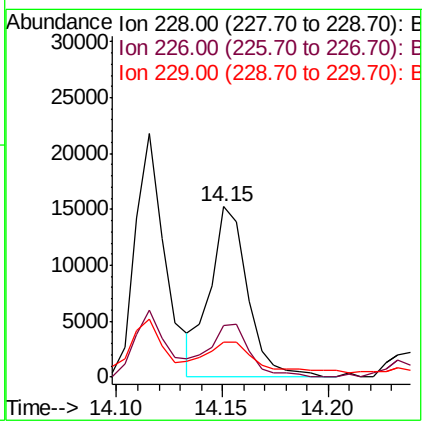


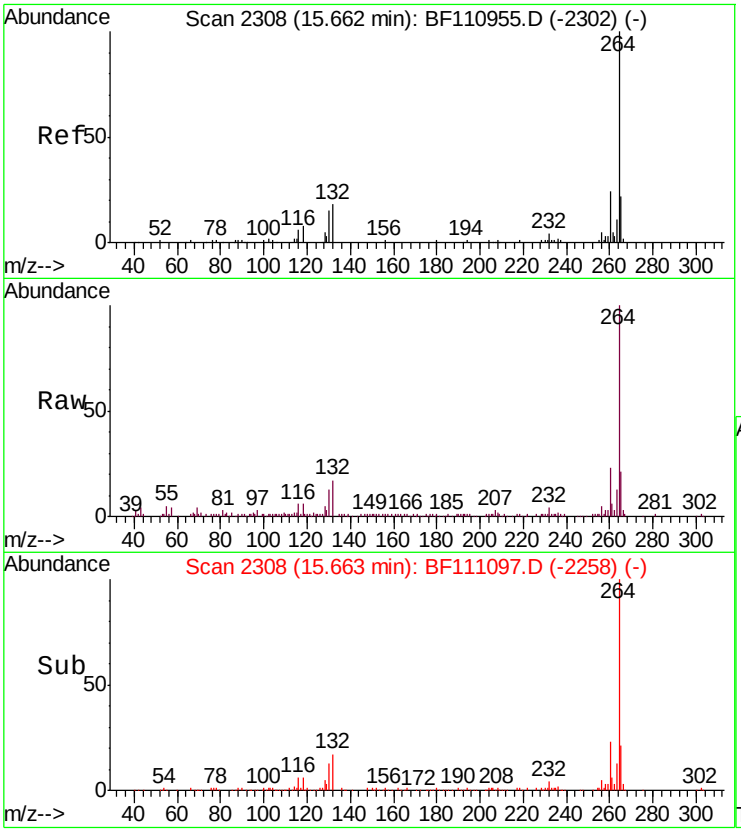


#83
Chrysene
Concen: 2.173 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:228 Resp: 18952

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.5	15.9	23.9



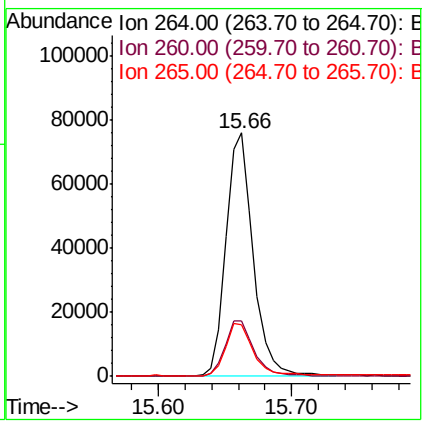


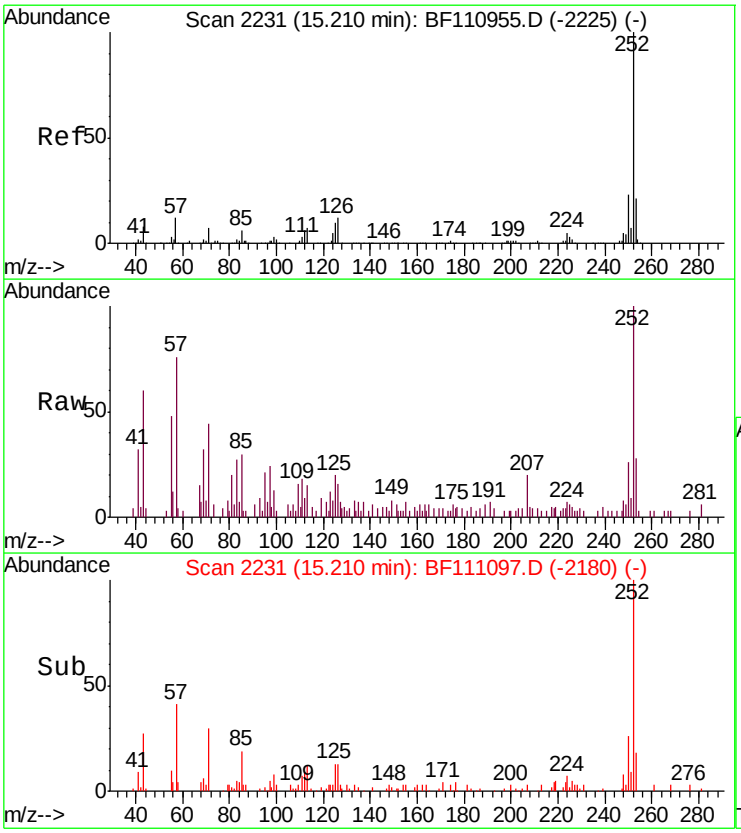
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:264 Resp: 109088

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.0	16.7	25.1

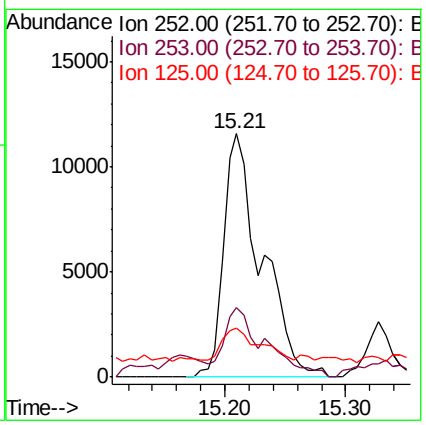


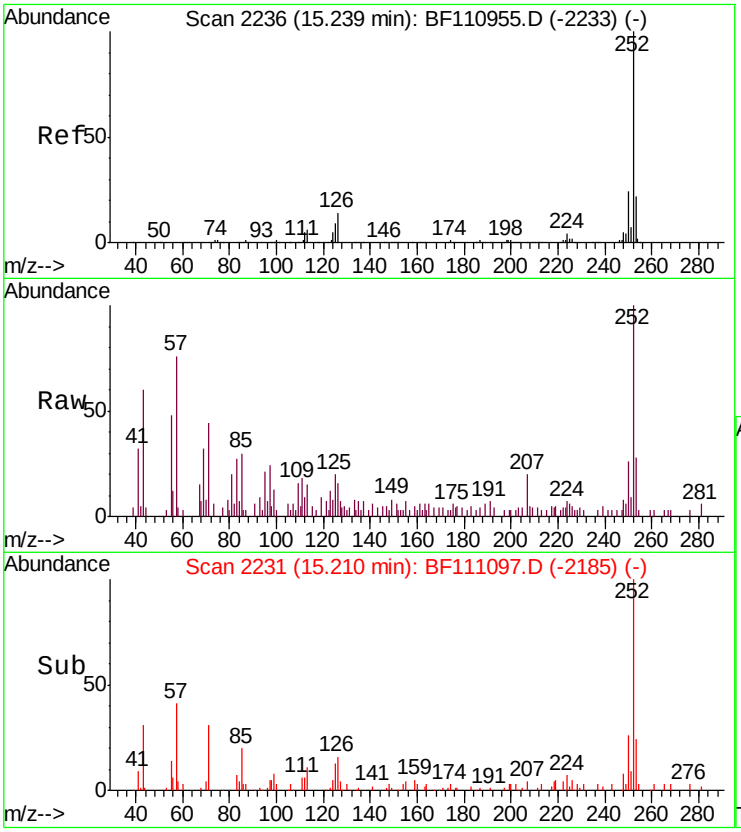


#88
Benzo(b)fluoranthene
Concen: 3.919 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:252 Resp: 25118

Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.2	25.8#
125	20.1	8.2	12.4#



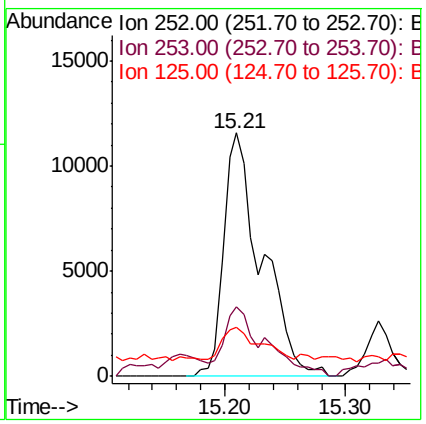


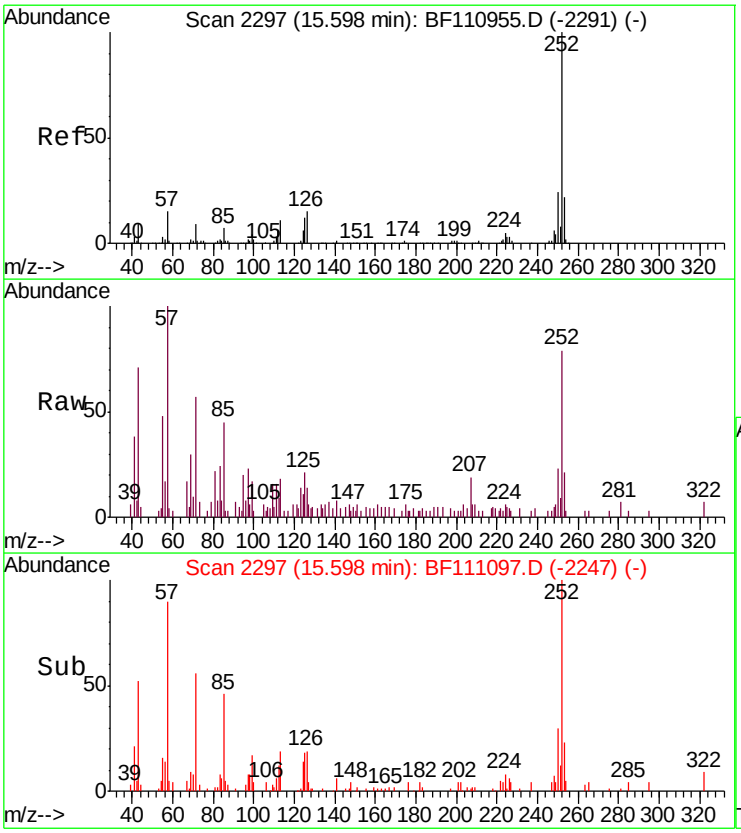
#89
Benzo(k)fluoranthene
Concen: 3.808 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-C

Tgt Ion:252 Resp: 25118

Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.2	25.8#
125	20.1	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.158 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111097.D
Acq: 29 Nov 2018 18:20

Tgt Ion:252 Resp: 12874

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.4
125	26.4	9.0	13.6#