Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
Data File : BF109704.D
Acq On : 9 Oct 2018 19:31
Operator : JU/SJ
Sample : J5201-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-100818-C

Quant Time: Oct 10 03:06:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	81059	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	322039	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	126257	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	214756	20.00	ng		0.00
75) Chrysene-d12	13.83	240	214516	20.00	ng		0.00
86) Perylene-d12	15.23	264	164461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	180388	39.50	ng		-0.01
7) Phenol-d6	6.34	99	274518	45.00	ng		-0.02
23) Nitrobenzene-d5	7.26	82	160080	27.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	47472	34.51	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	254543	27.77	ng		0.00
78) Terphenyl-d14	12.78	244	209043	18.86	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	23296	5.445	ng	#	77
25) Isophorone	7.26	82	160080	16.501	ng	#	67
49) Dimethylphthalate	9.45	163	28747	3.105	ng	#	99
70) Phenanthrene	11.23	178	25450	2.368	ng		96
71) Anthracene	11.23	178	25450	2.291	ng		96
74) Fluoranthene	12.41	202	59000	5.255	ng		95
77) Pyrene	12.64	202	53096	3.378	ng		97
80) Benzo(a)anthracene	13.82	228	24321	2.055	ng	#	92
87) Benzo(b)fluoranthene	14.84	252	38237	4.207	ng	#	79
88) Benzo(k)fluoranthene	14.84	252	38237	4.187	ng	#	78
89) Benzo(a)pyrene	15.17	252	18961	2.299	ng	#	76

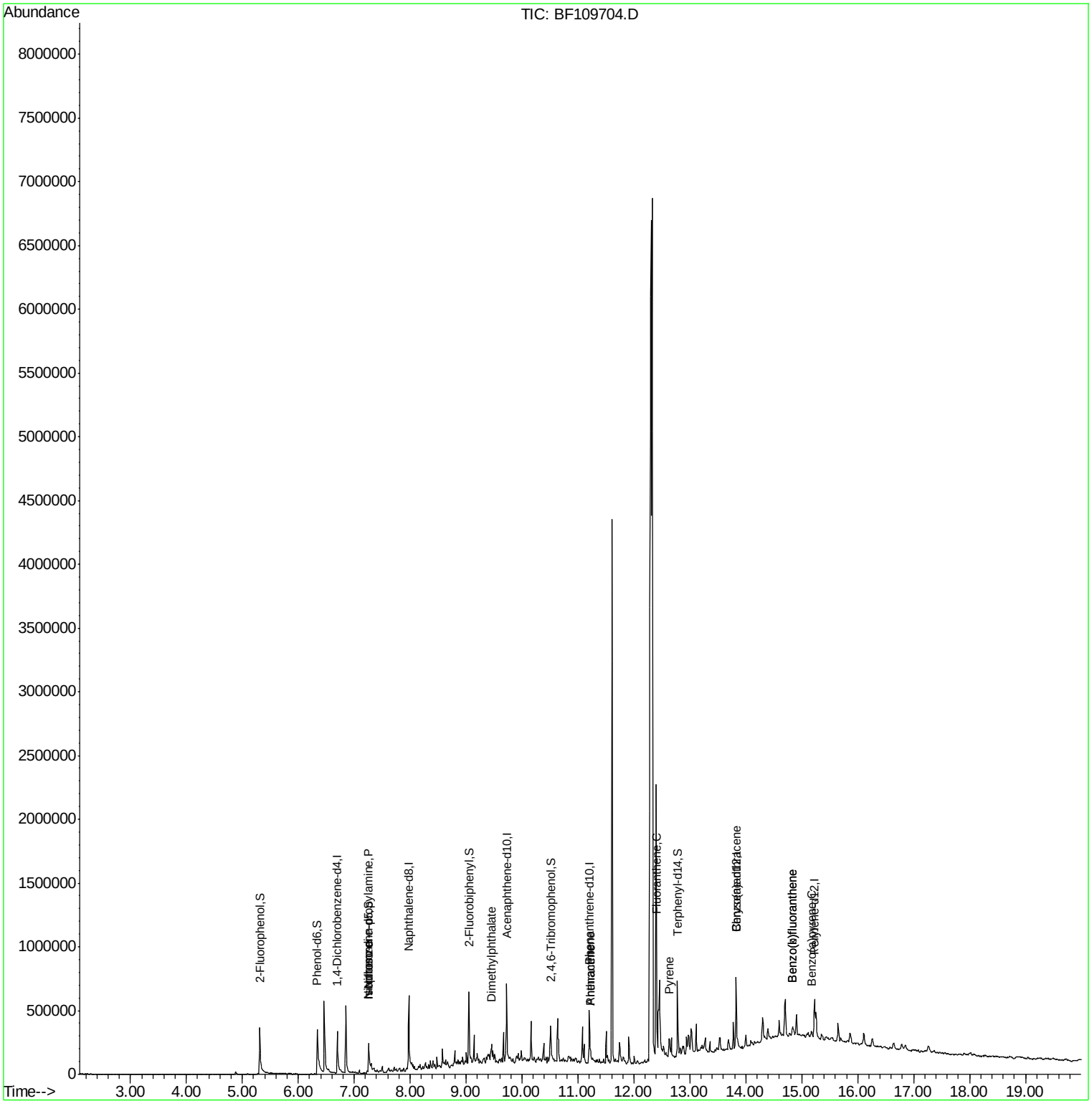
(#) = qualifier out of range (m) = manual integration (+) = signals summed

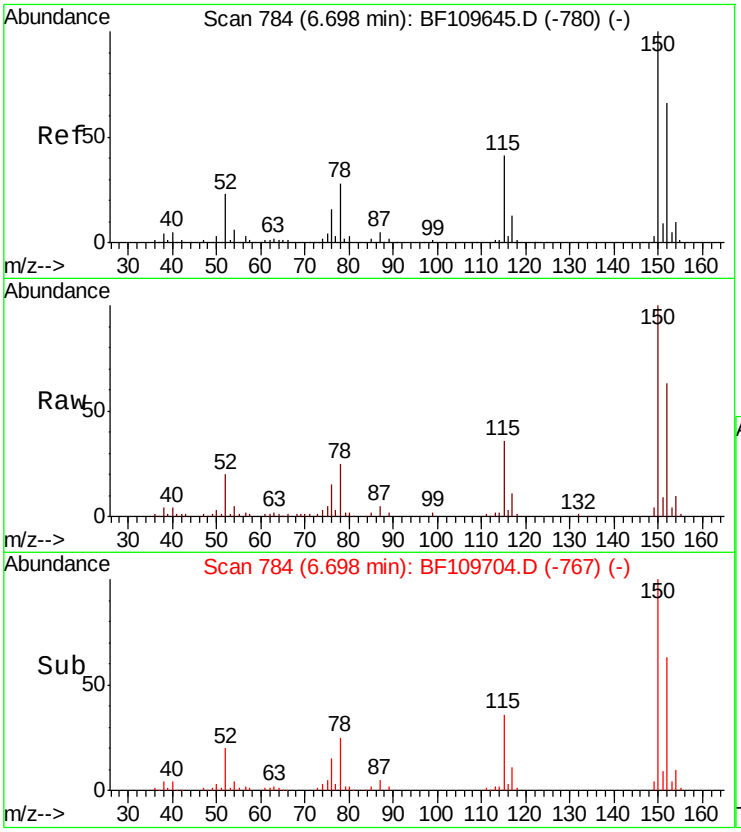
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
Data File : BF109704.D
Acq On : 9 Oct 2018 19:31
Operator : JU/SJ
Sample : J5201-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Quant Time: Oct 10 03:06:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



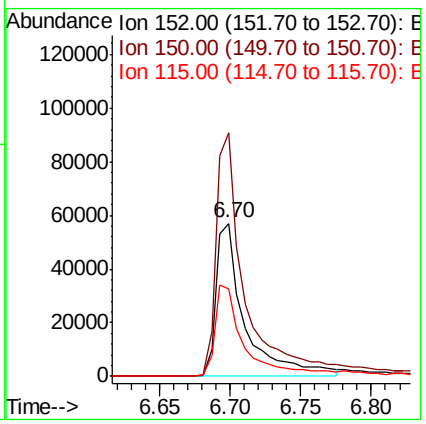


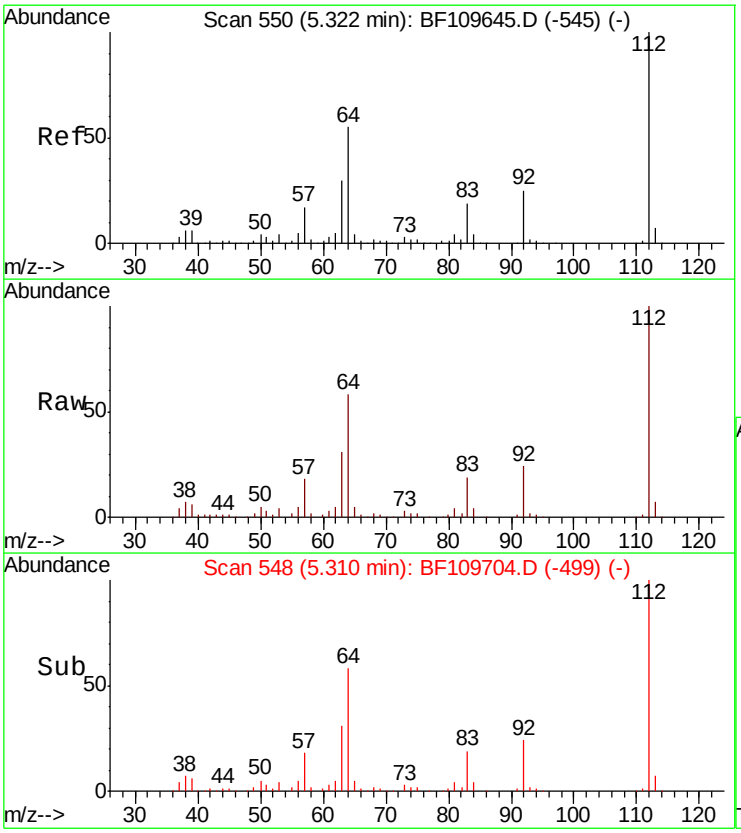
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:152 Resp: 81059

Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	57.5	49.1	73.7

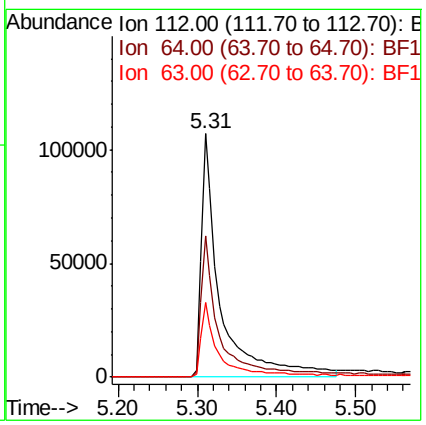


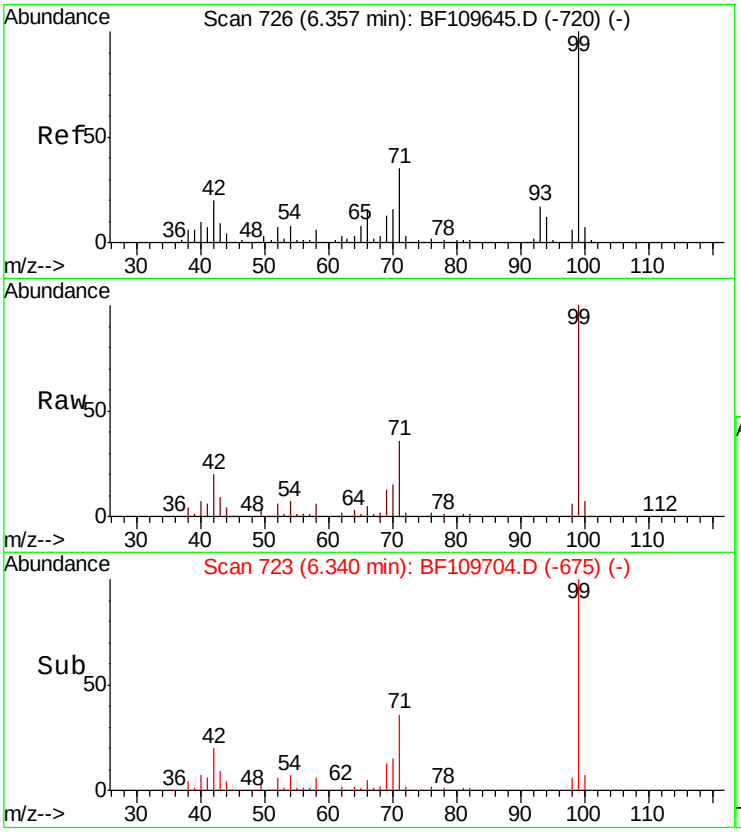


#5
2-Fluorophenol
Concen: 39.501 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion:112 Resp: 180388

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	30.9	23.7	35.5



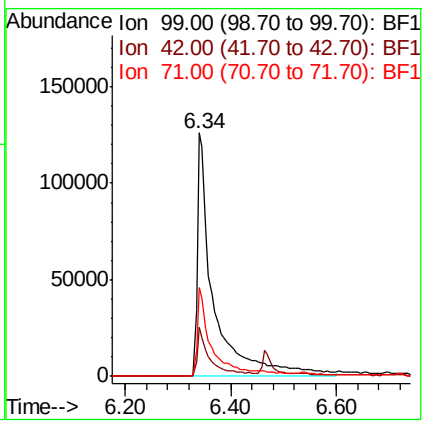


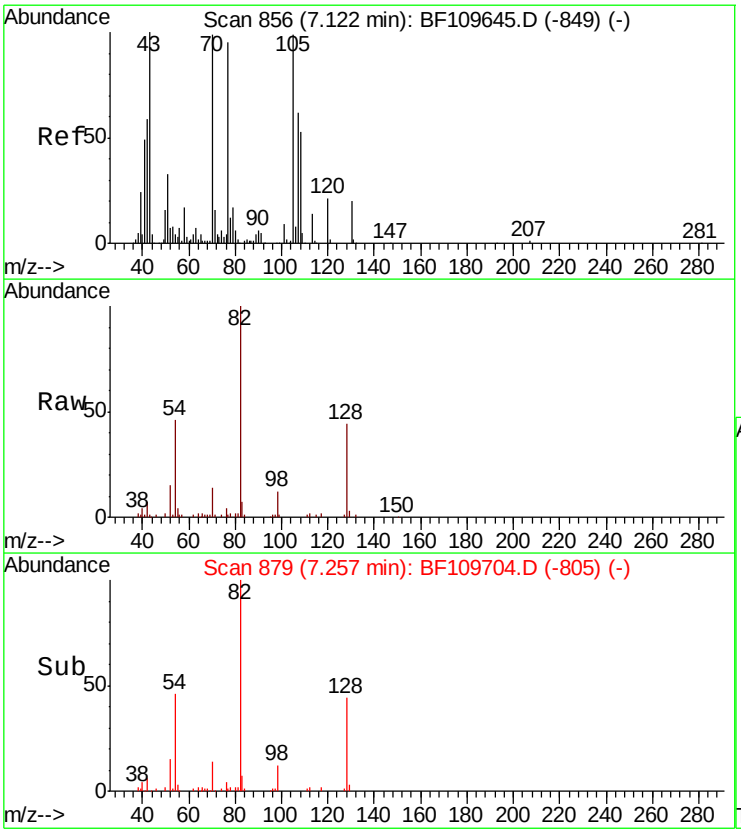
#7
Phenol-d6
Concen: 44.999 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion: 99 Resp: 274518

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	36.4	28.0	42.0

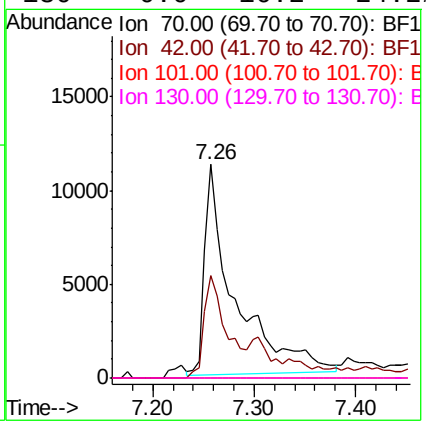


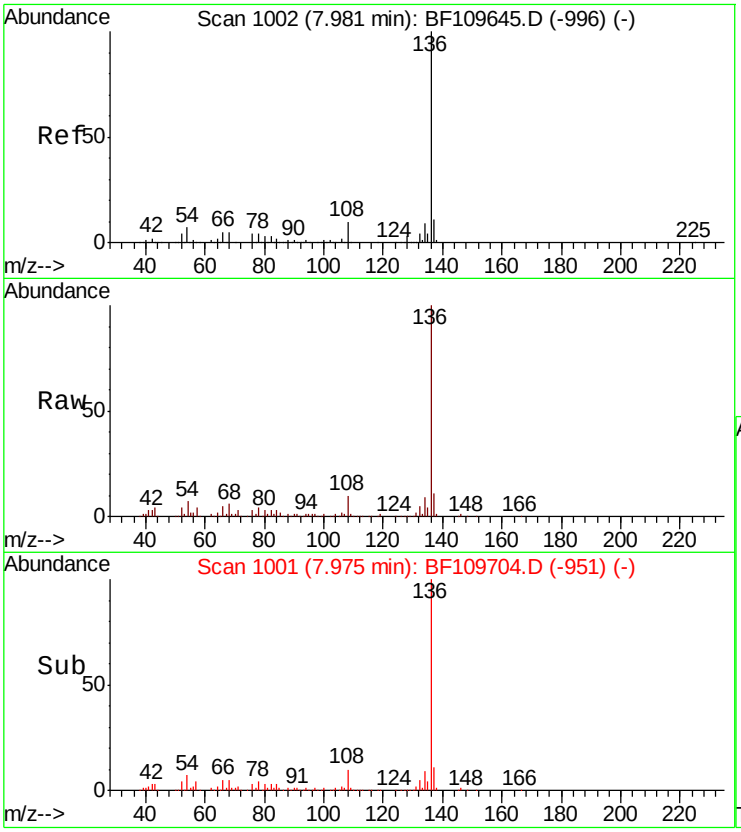


#19
n-Nitroso-di-n-propylamine
Concen: 5.445 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion: 70 Resp: 23296

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



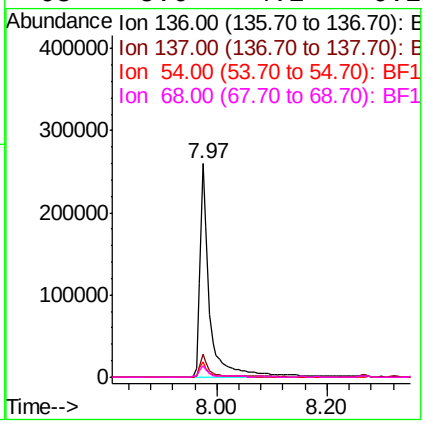


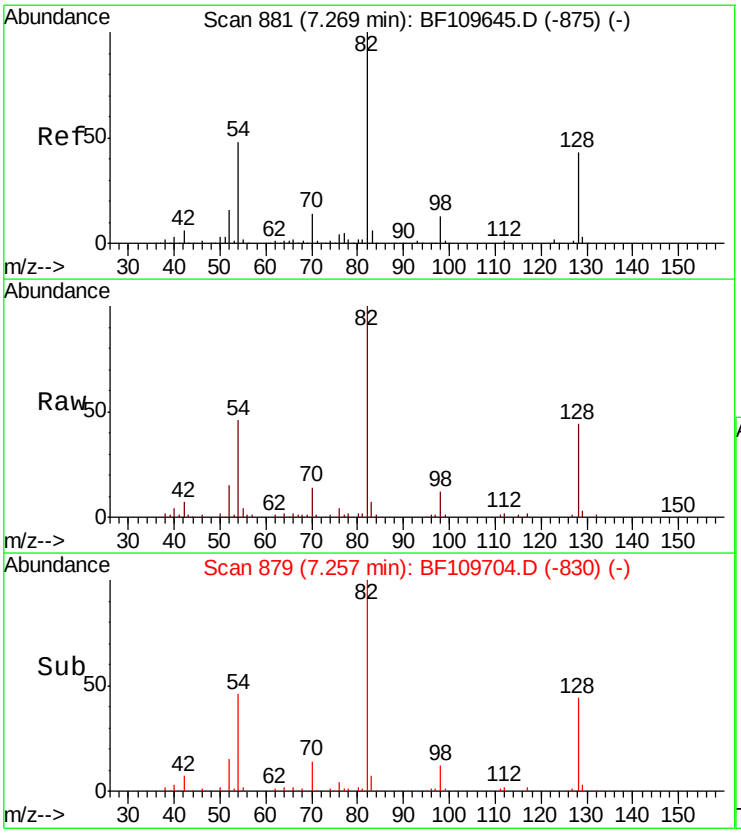
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:136 Resp: 322039

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.4	8.2
68	5.6	4.2	6.2

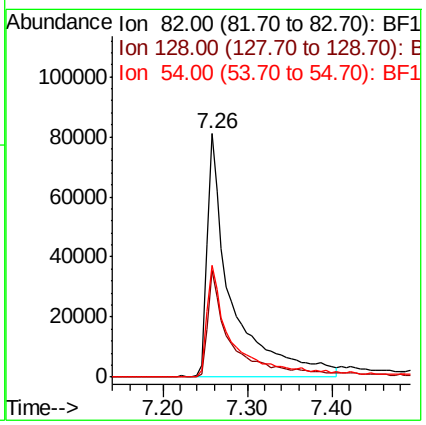


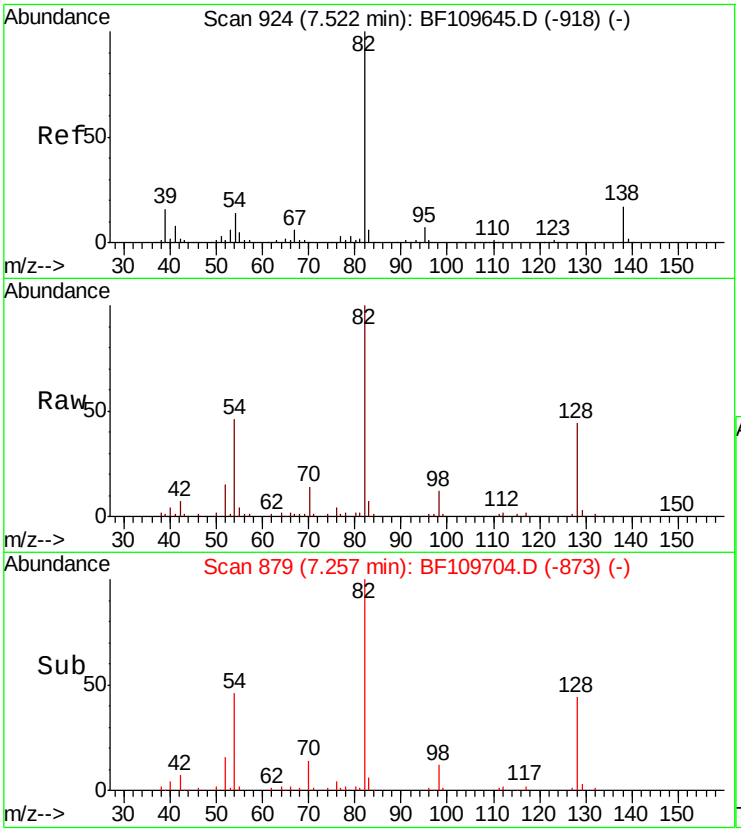


#23
Nitrobenzene-d5
Concen: 27.401 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion: 82 Resp: 160080

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	46.0	38.6	58.0



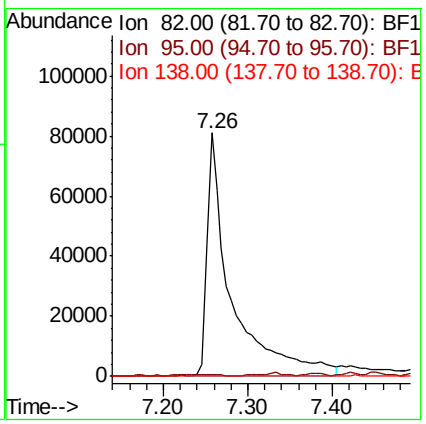


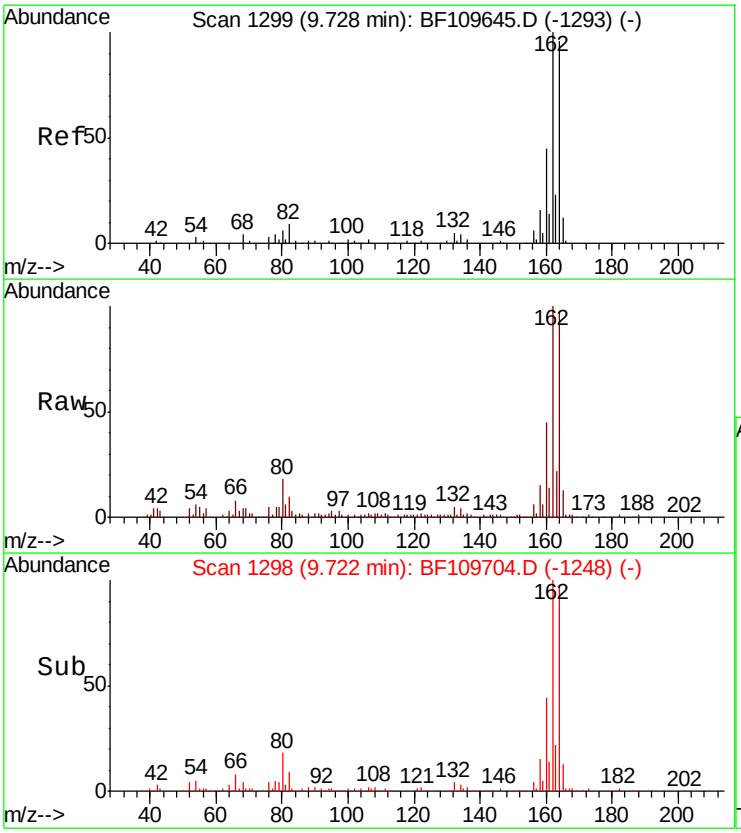
#25
Isophorone
Concen: 16.501 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion: 82 Resp: 160080

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.7	8.5#
138	0.0	13.2	19.8#

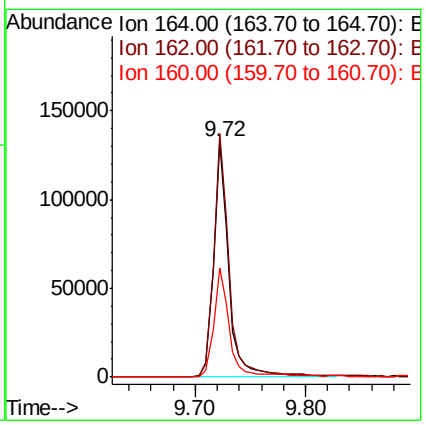


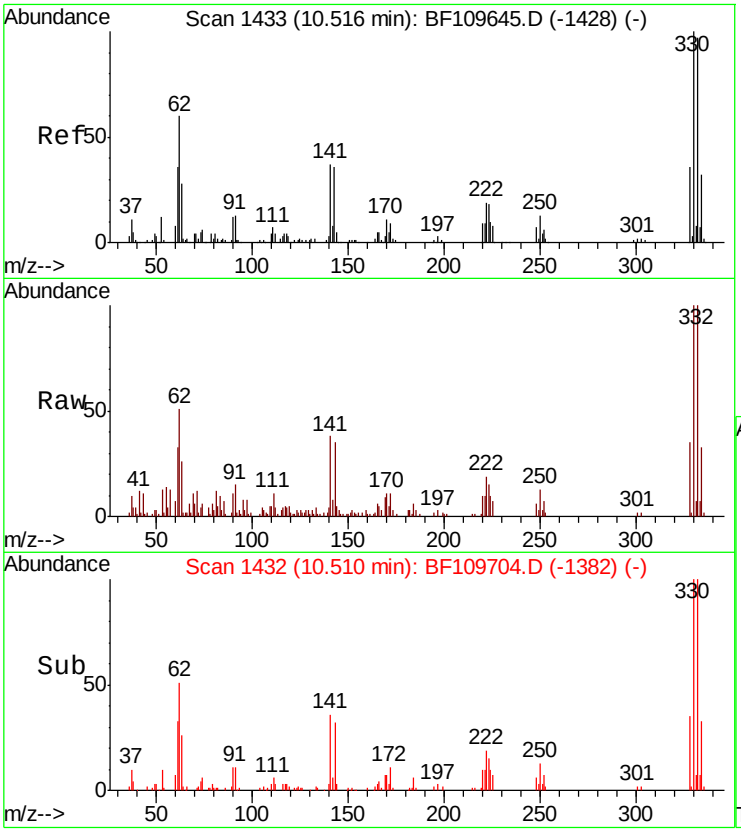


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion:164 Resp: 126257

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	46.3	37.0	55.6



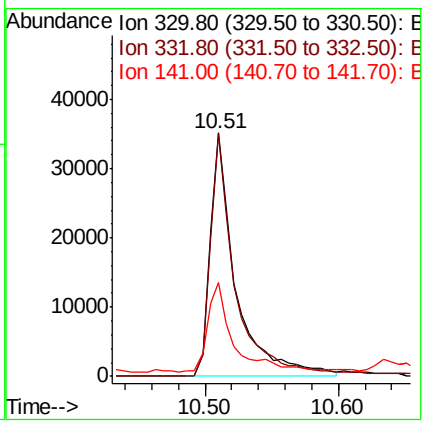


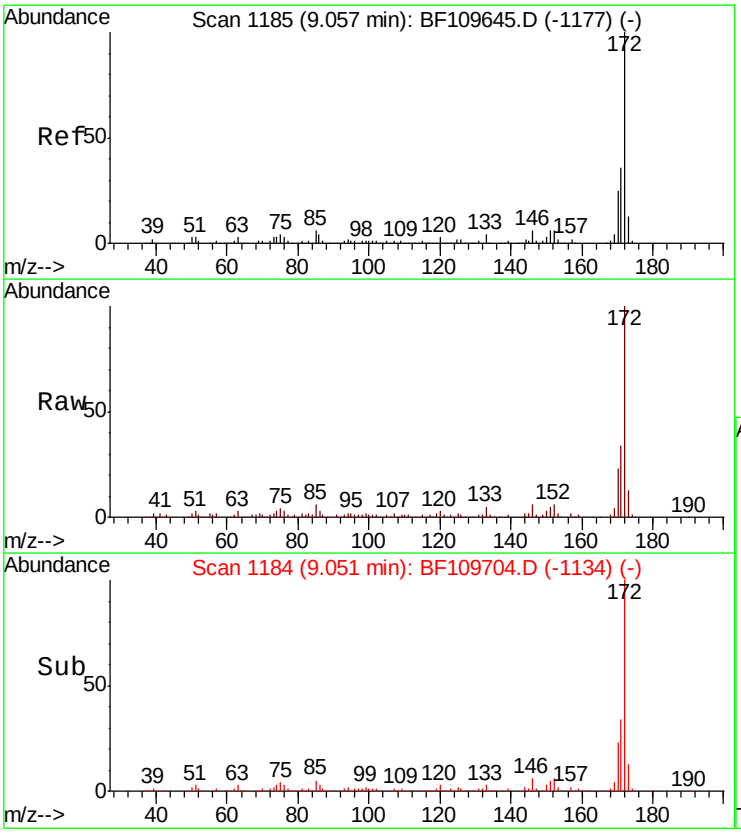
#41
2,4,6-Tribromophenol
Concen: 34.507 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:330 Resp: 47472

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.1	115.7
141	37.0	27.0	40.4

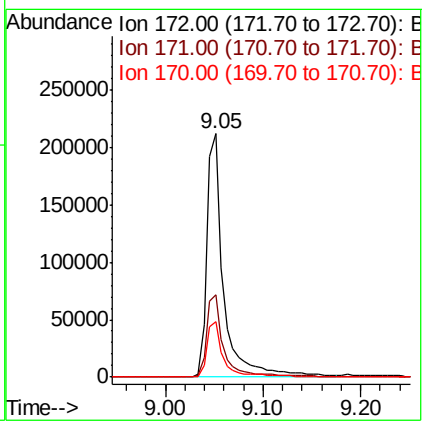


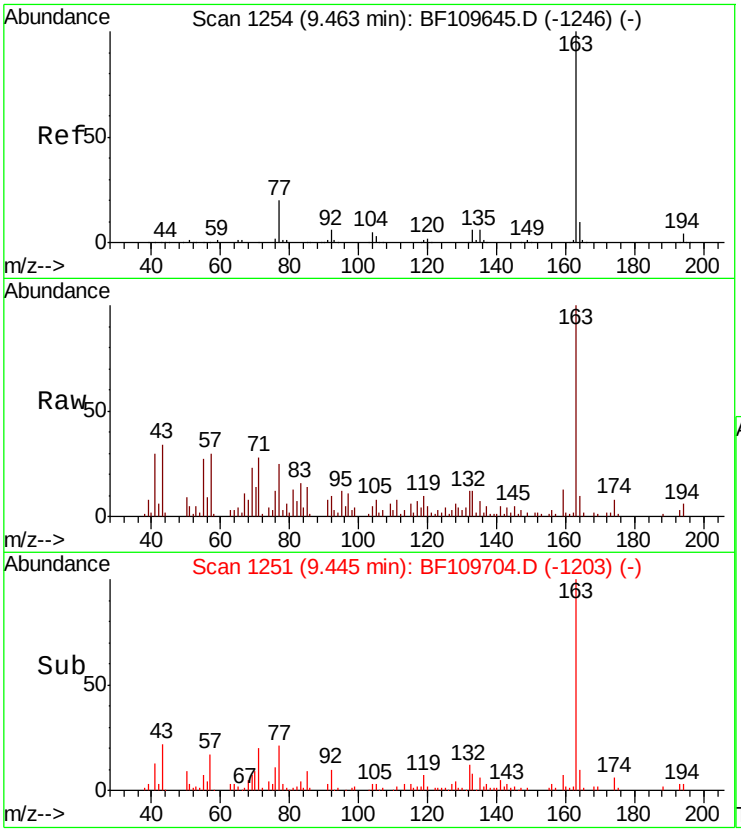


#44
2-Fluorobiphenyl
Concen: 27.766 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion:172 Resp: 254543

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.6	43.0
170	22.9	19.7	29.5



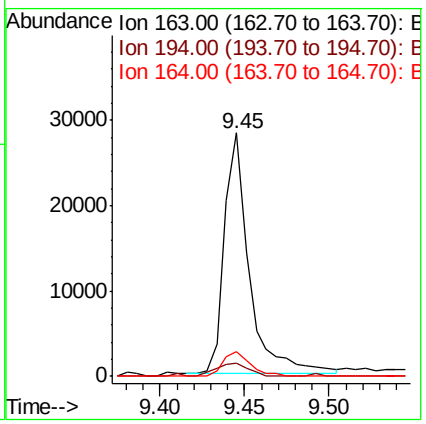


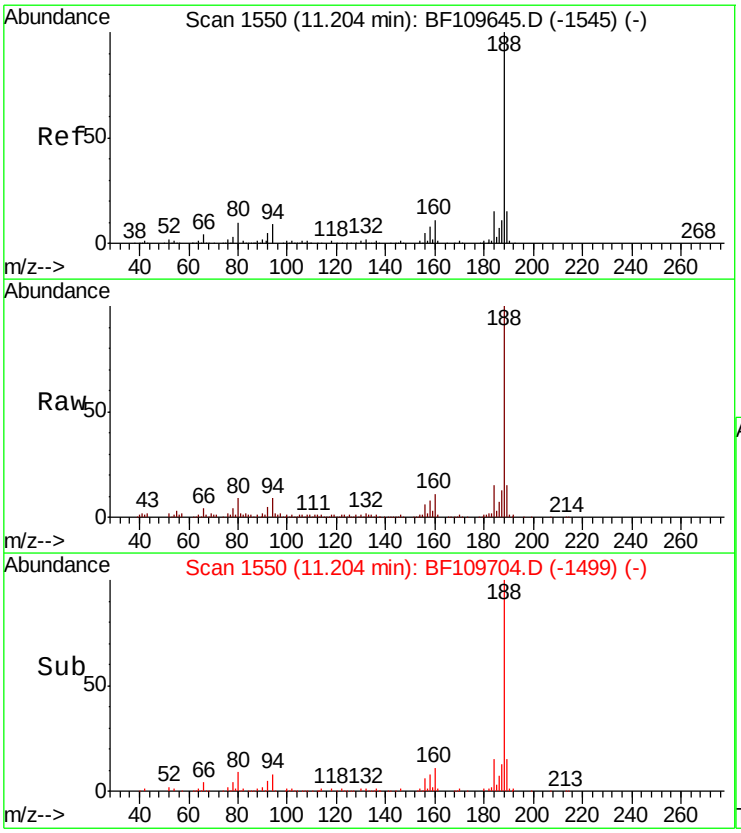
#49
Dimethylphthalate
Concen: 3.105 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:163 Resp: 28747

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.2	4.8#
164	10.2	8.1	12.1

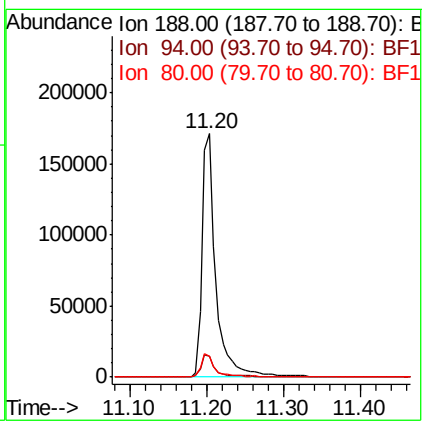


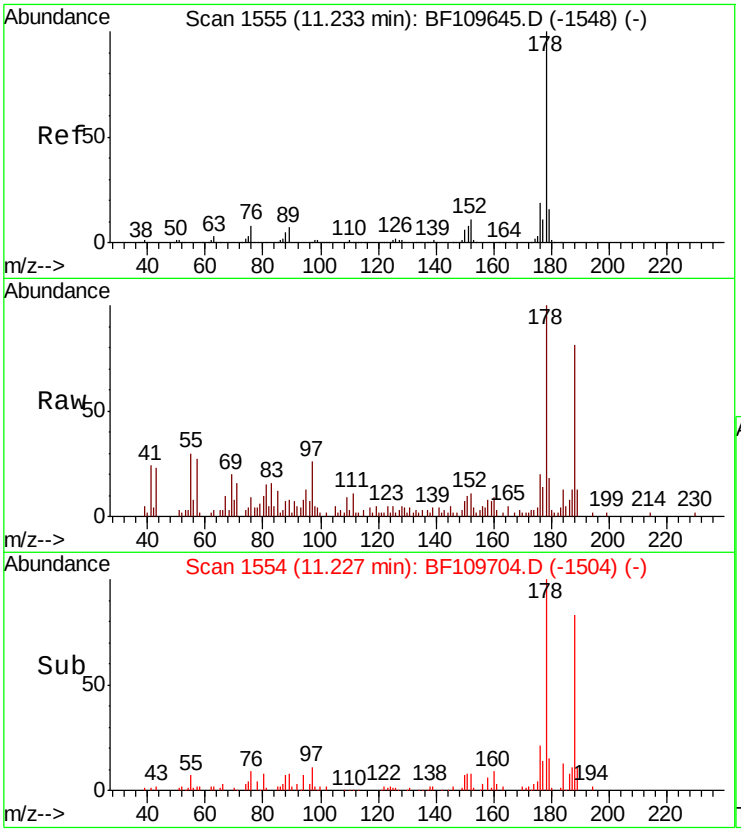


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion:188 Resp: 214756

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.7	7.9	11.9



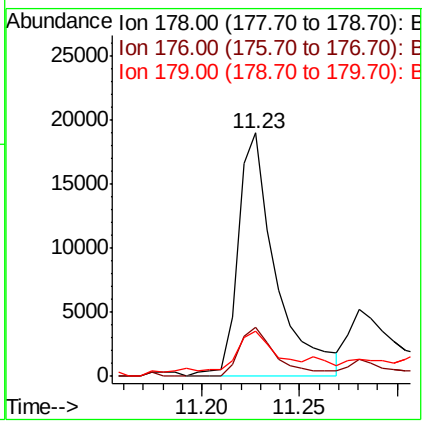


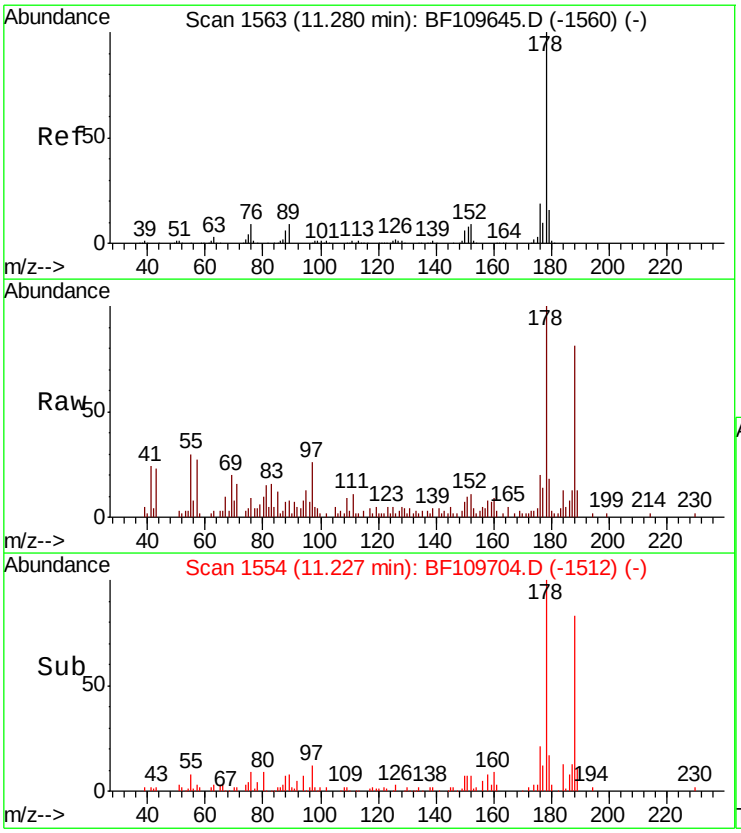
#70
Phenanthrene
Concen: 2.368 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:178 Resp: 25450

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	18.4	12.5	18.7

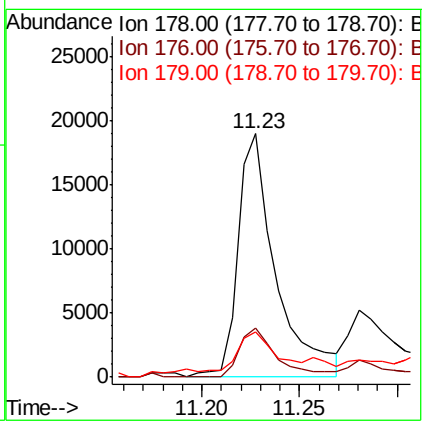


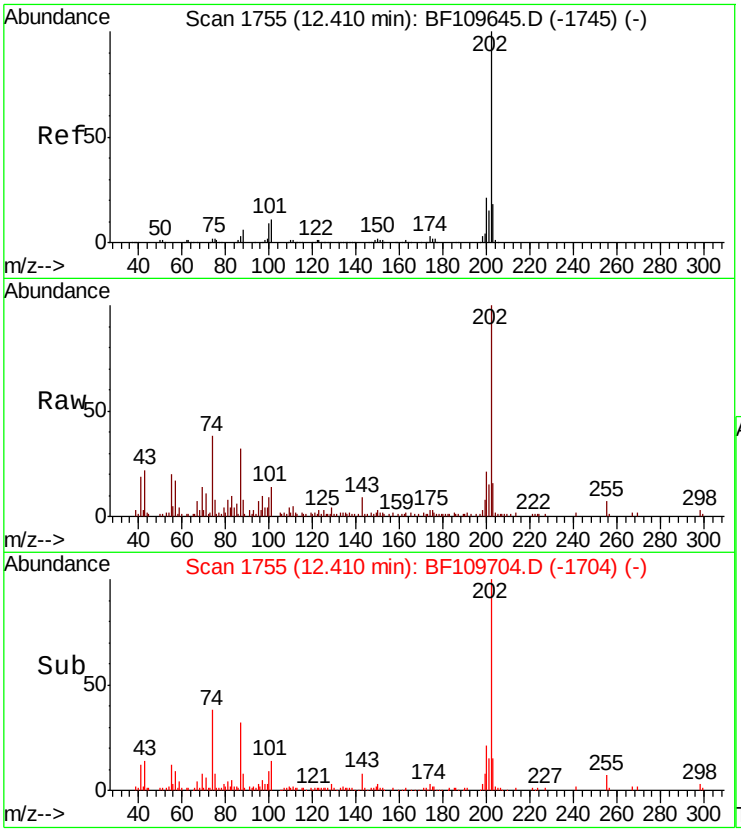


#71
Anthracene
Concen: 2.291 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.05 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion:178 Resp: 25450

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	18.4	12.6	18.8



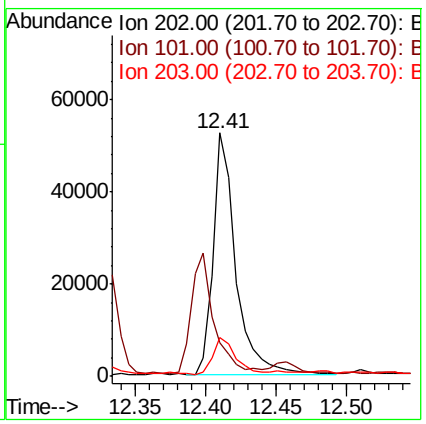


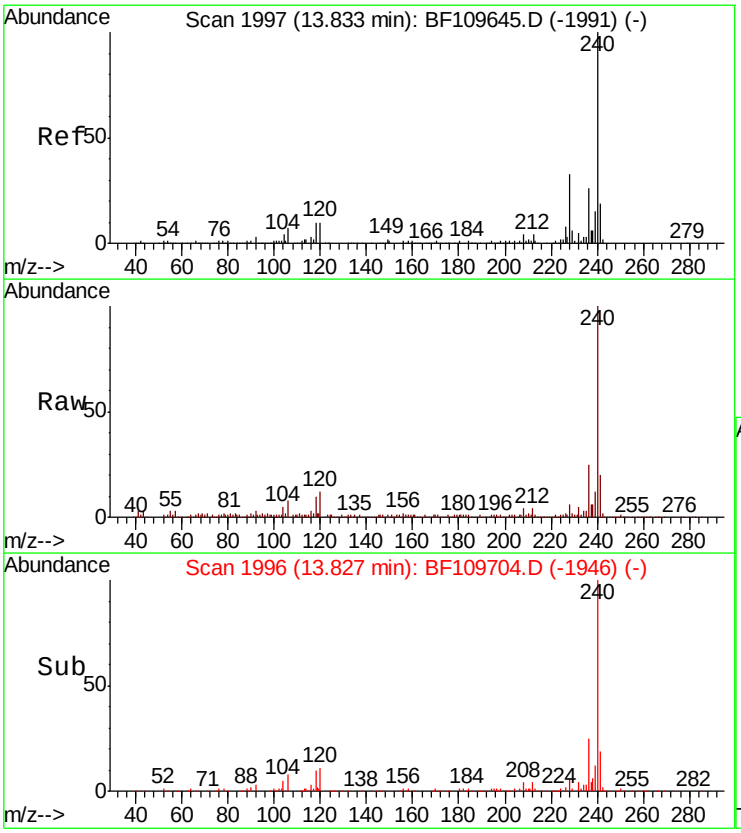
#74
Fluoranthene
Concen: 5.255 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:202 Resp: 59000

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.4
203	16.2	0.0	37.7

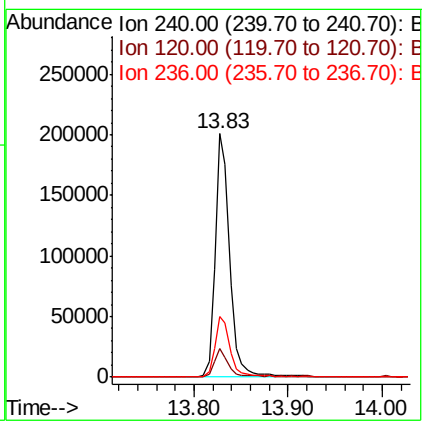


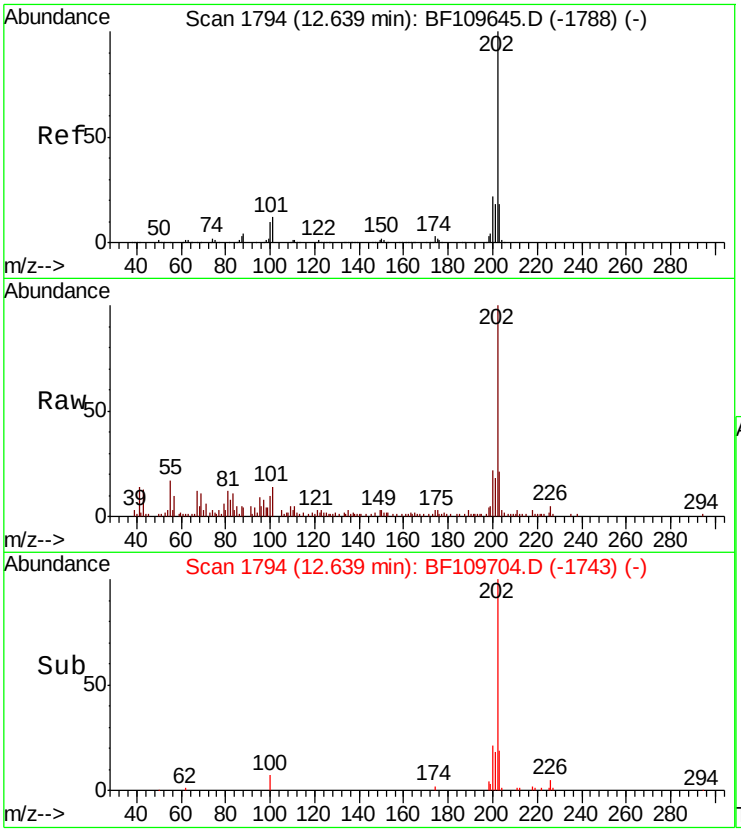


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion:240 Resp: 214516

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	24.7	21.2	31.8



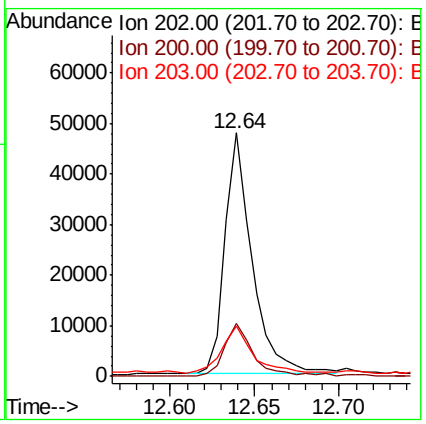


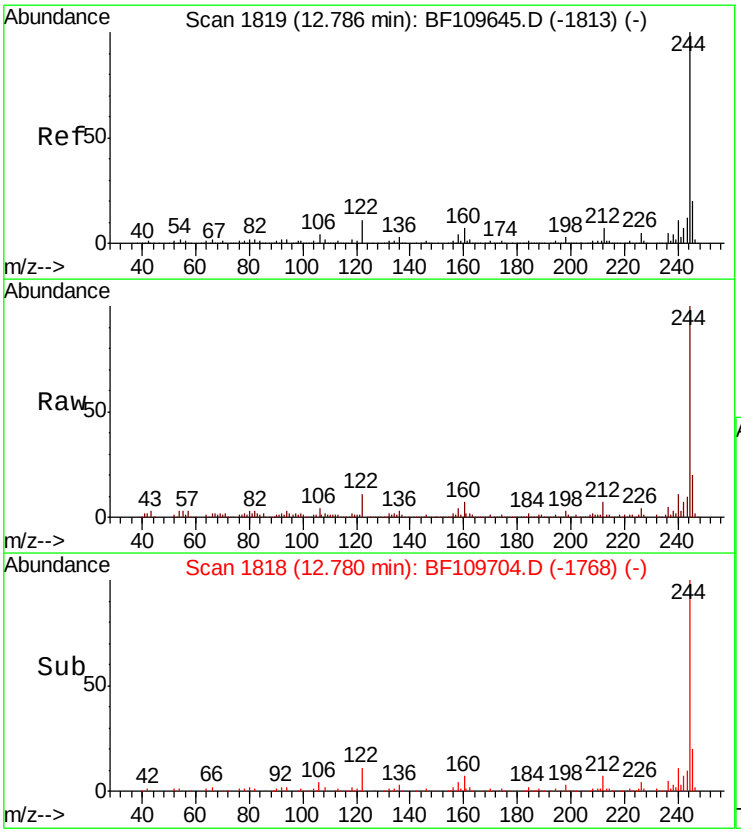
#77
Pyrene
Concen: 3.378 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:202 Resp: 53096

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	20.6	14.2	21.4

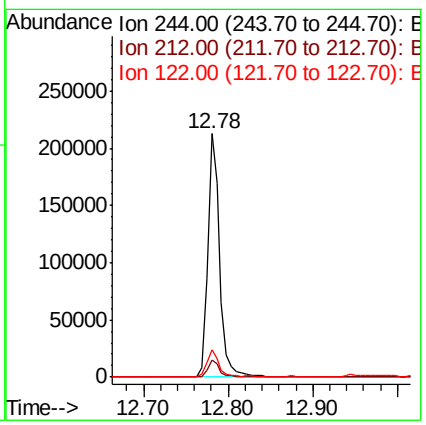


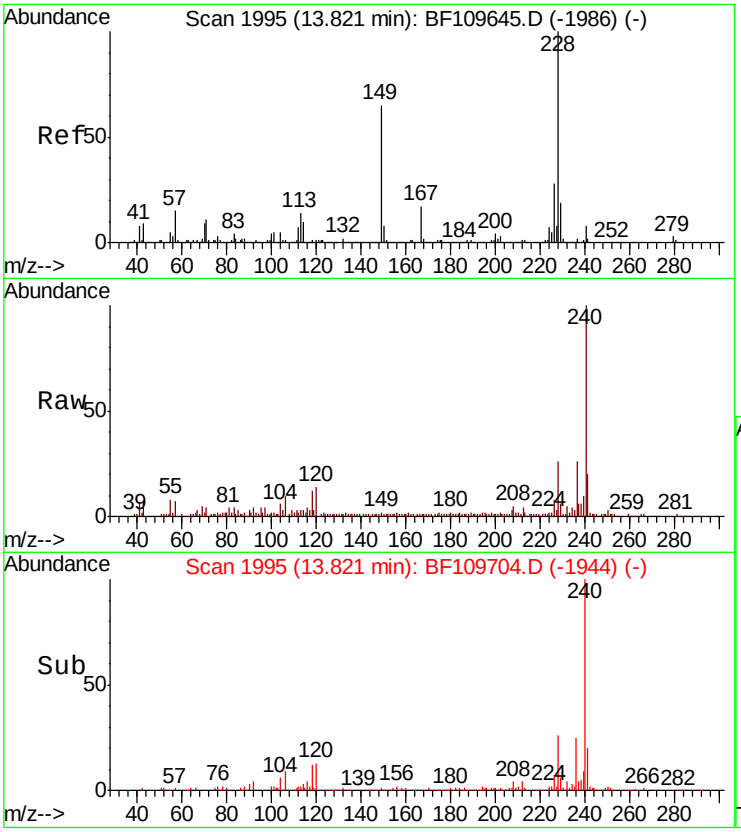


#78
Terphenyl-d14
Concen: 18.864 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion:244 Resp: 209043

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.3	8.7	13.1



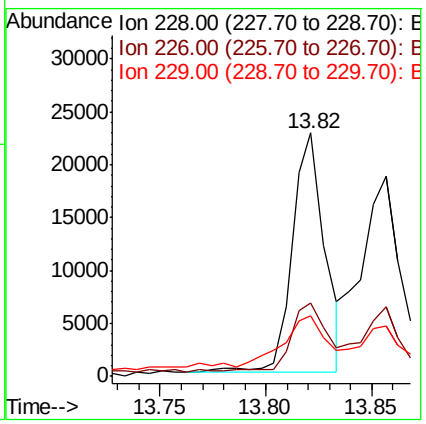


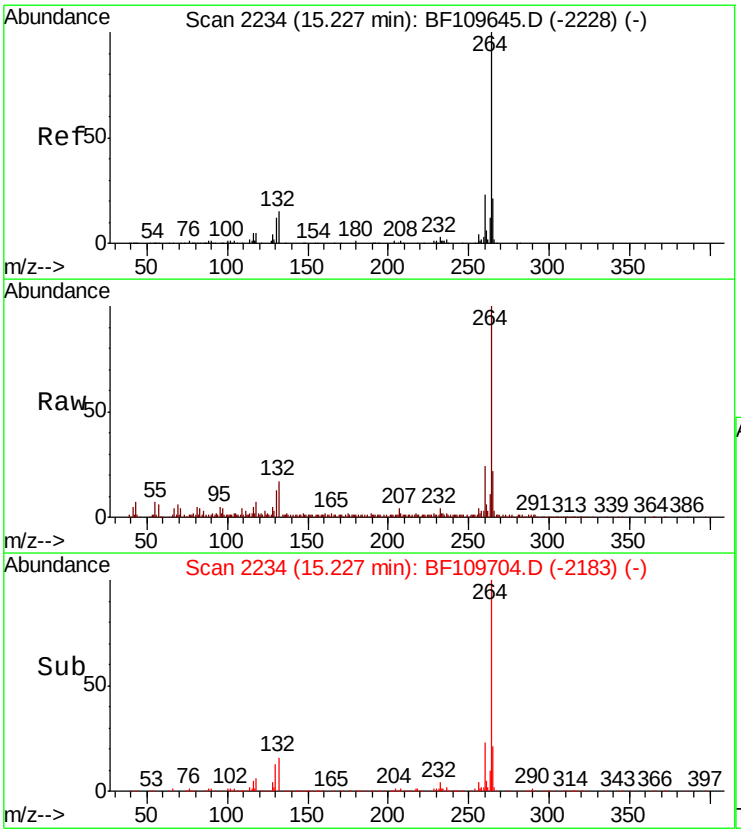
#80
Benzo(a)anthracene
Concen: 2.055 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:228 Resp: 24321

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.1	33.1
229	24.7	15.6	23.4#

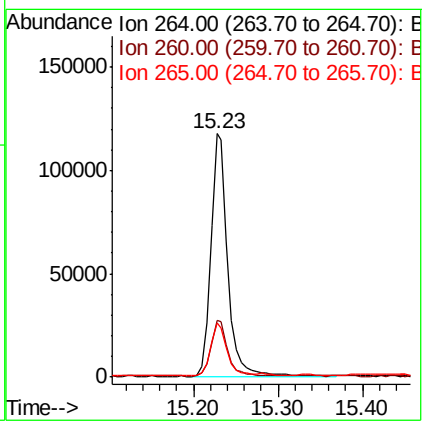


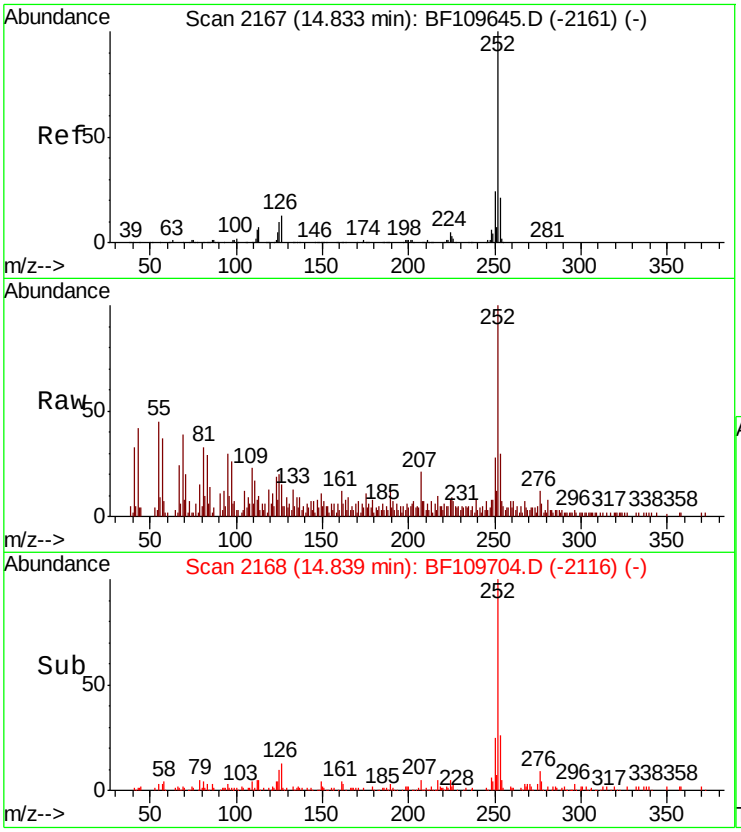


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion:264 Resp: 164461

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.2	16.7	25.1



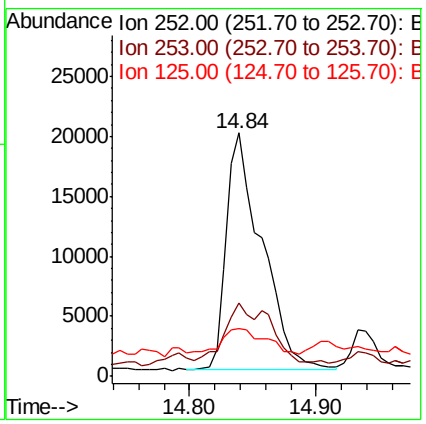


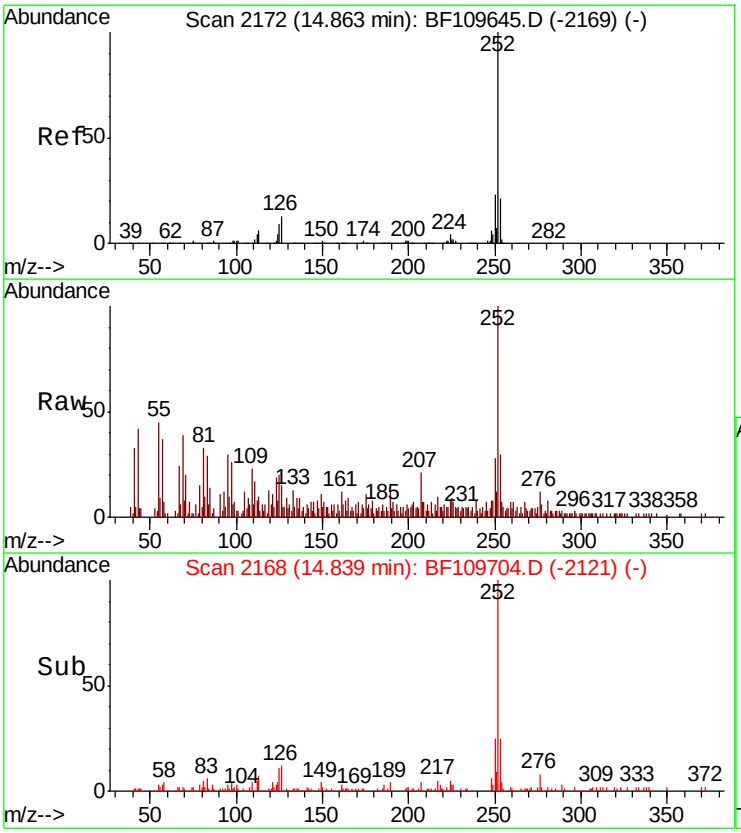
#87
Benzo(b)fluoranthene
Concen: 4.207 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:252 Resp: 38237

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.2	25.8#
125	19.6	8.2	12.4#

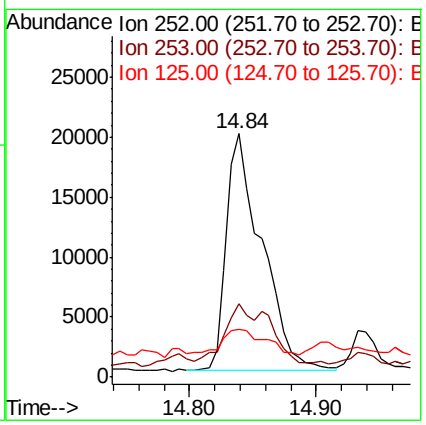


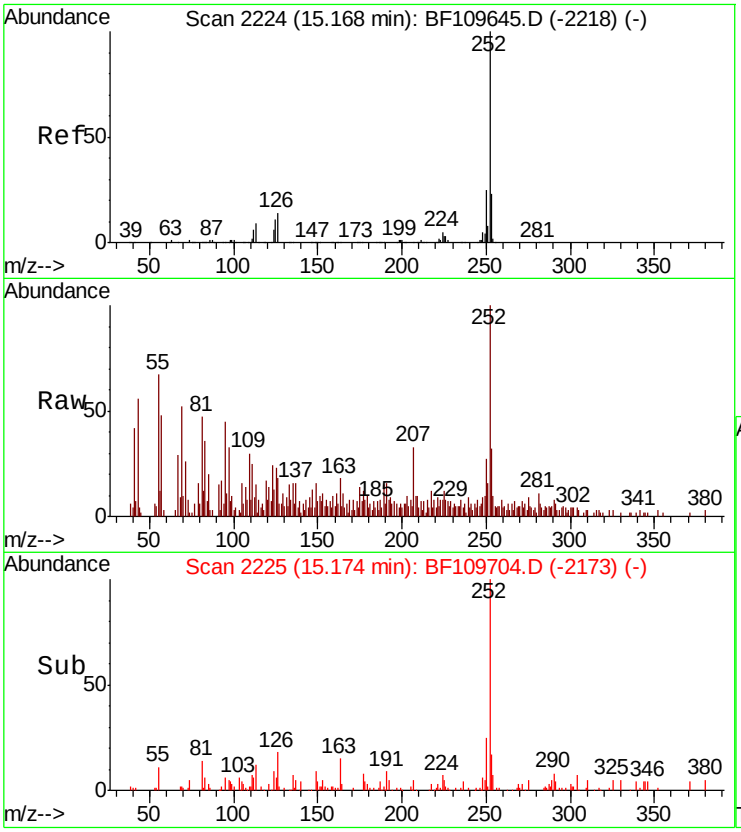


#88
Benzo(k)fluoranthene
Concen: 4.187 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion:252 Resp: 38237

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.2	25.8#
125	19.6	7.4	11.0#





#89
Benzo(a)pyrene
Concen: 2.299 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tgt Ion:252 Resp: 18961

Ion	Ratio	Lower	Upper
252	100		
253	32.4	18.2	27.4#
125	23.2	9.0	13.6#