Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
Data File : BF109762.D
Acq On : 11 Oct 2018 00:30
Operator : JU/SJ
Sample : J5373-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB37708-7211990-45911RT

Quant Time: Oct 11 05:49:32 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	6.69	152	73688	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	292504	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	129874	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	215494	20.00	ng		0.00
75) Chrysene-d12	13.83	240	181973	20.00	ng		0.00
86) Perylene-d12	15.23	264	158968	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	399868	96.32	ng		0.00
7) Phenol-d6	6.35	99	558932	100.79	ng		0.00
23) Nitrobenzene-d5	7.26	82	364764	68.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	112953	79.82	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	658117	69.79	ng		0.00
78) Terphenyl-d14	12.78	244	487529	51.86	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	14017	2.204	ng		87
19) n-Nitroso-di-n-propylamine	7.26	70	47619	12.244	ng	#	77
25) Isophorone	7.26	82	364762	41.396	ng	#	67
49) Dimethylphthalate	9.45	163	79109	8.305	ng		99
56) 2,4-Dinitrotoluene	9.72	165	15763	6.118	ng	#	17
66) 4-Bromophenyl-phenylether	10.51	248	6983	2.820	ng	#	1
70) Phenanthrene	11.23	178	22836	2.118	ng		98
74) Fluoranthene	12.41	202	43414	3.854	ng		98
77) Pyrene	12.63	202	40036	3.003	ng		97
80) Benzo(a)anthracene	13.82	228	21707	2.162	ng		96
82) Chrysene	13.82	228	21707	2.058	ng		95
87) Benzo(b)fluoranthene	14.84	252	26366	3.001	ng	#	86
88) Benzo(k)fluoranthene	14.84	252	26366	2.987	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
Data File : BF109762.D
Acq On : 11 Oct 2018 00:30
Operator : JU/SJ
Sample : J5373-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Quant Time: Oct 11 05:49:32 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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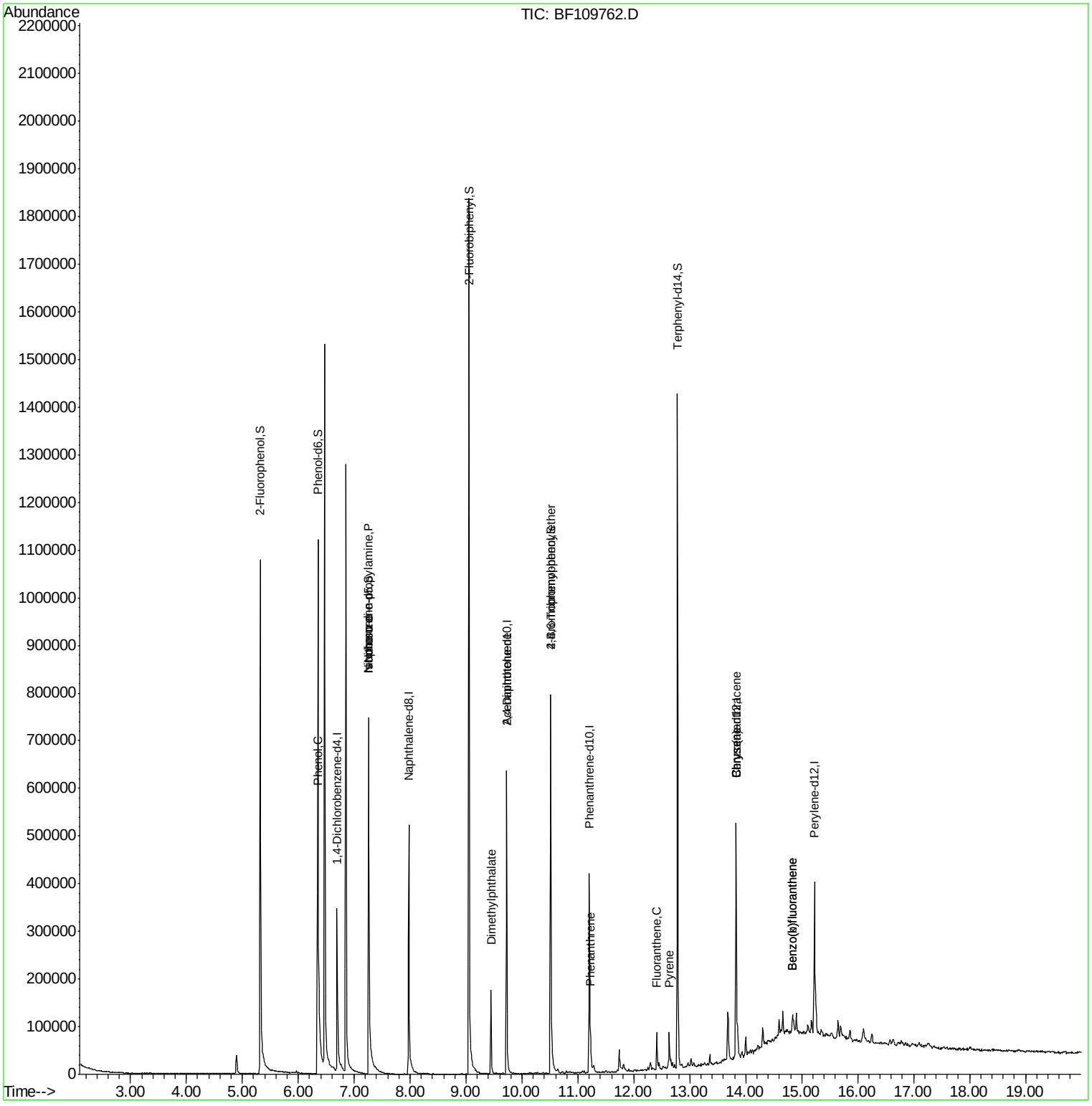
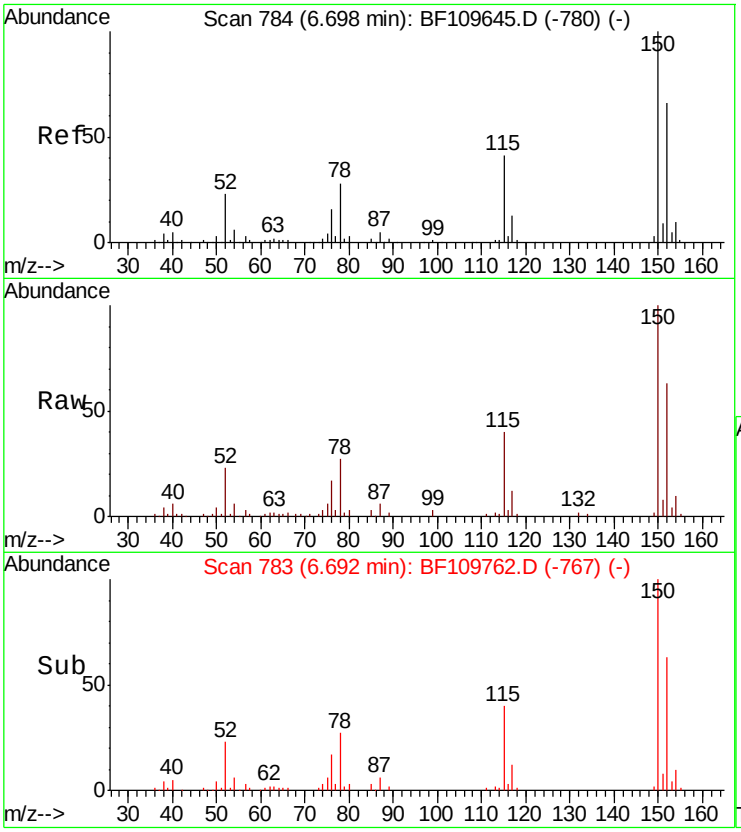


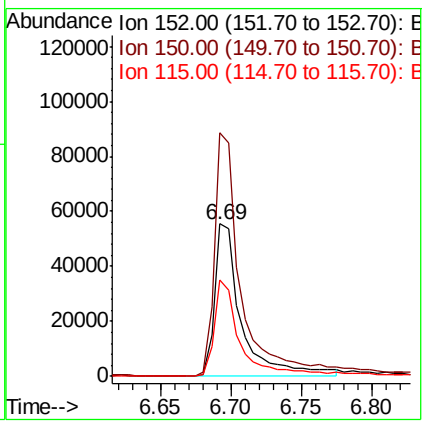


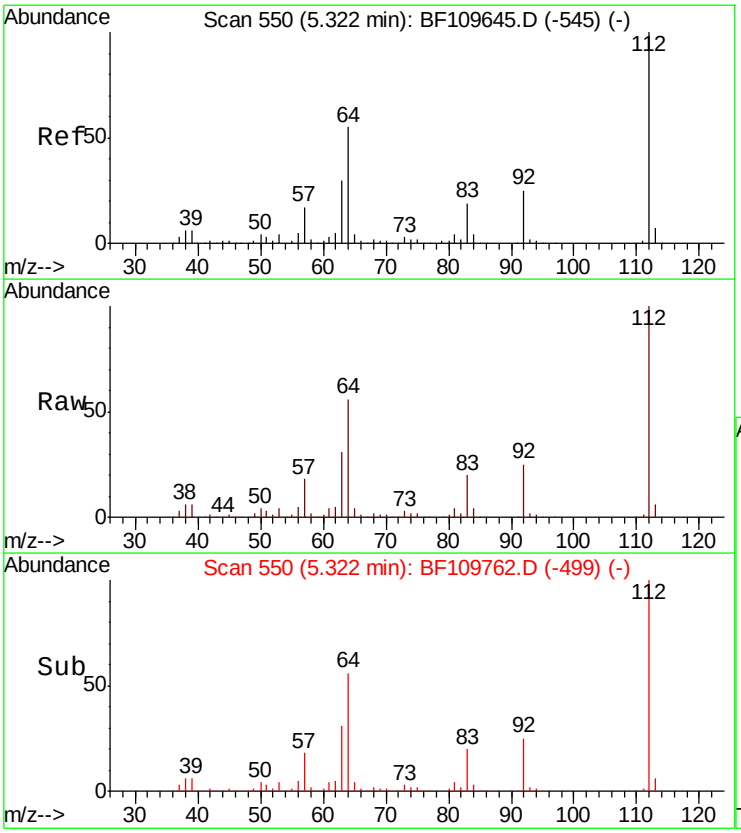
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:152 Resp: 73688

Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.7	184.1
115	63.2	49.1	73.7

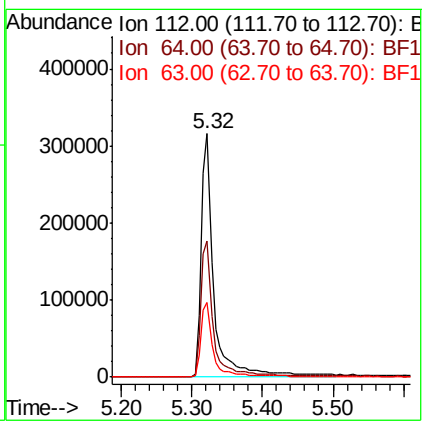


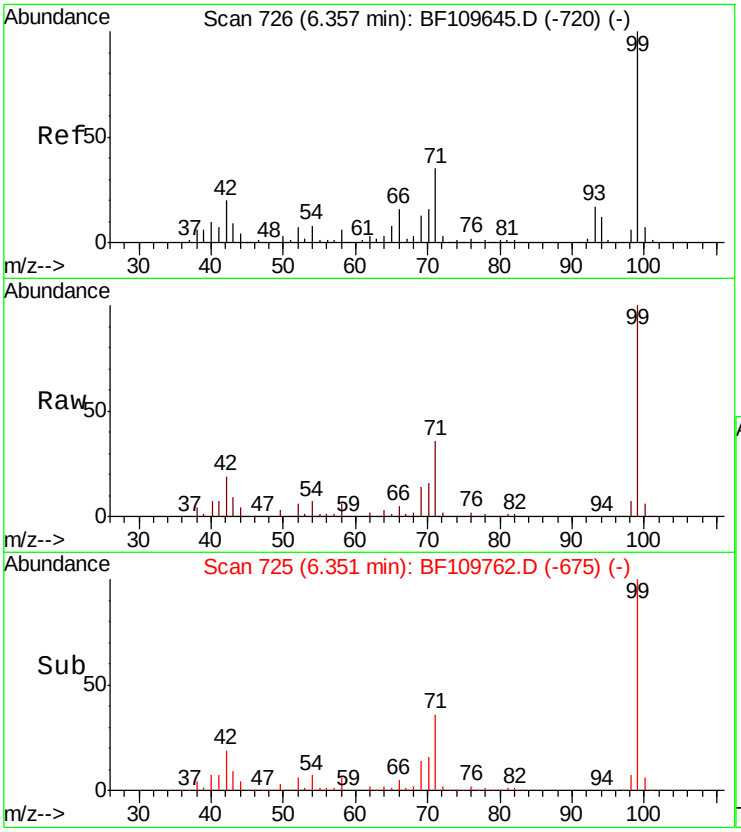


#5
2-Fluorophenol
Concen: 96.322 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:112 Resp: 399868

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.1	66.1
63	30.6	23.7	35.5



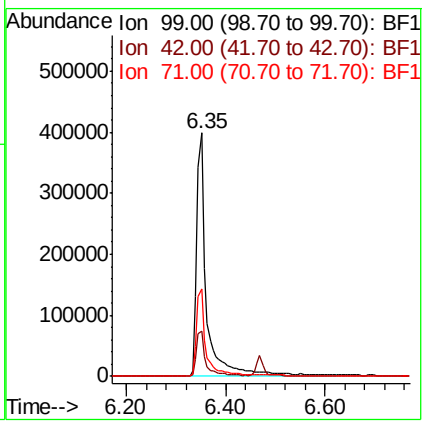


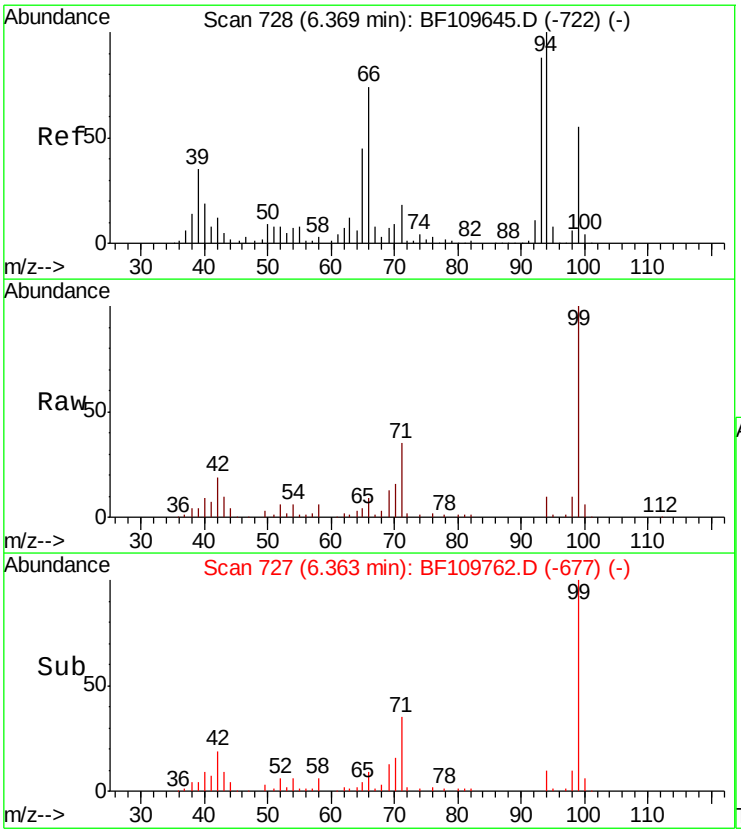
#7
Phenol-d6
Concen: 100.786 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion: 99 Resp: 558932

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.6
71	36.1	28.0	42.0

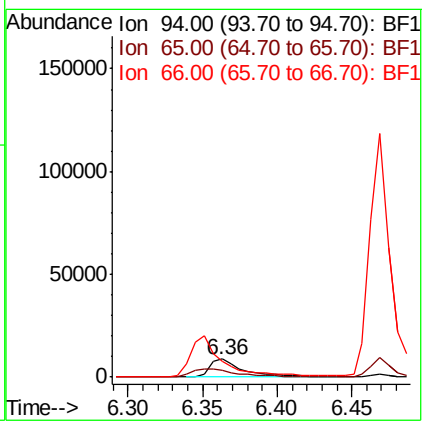


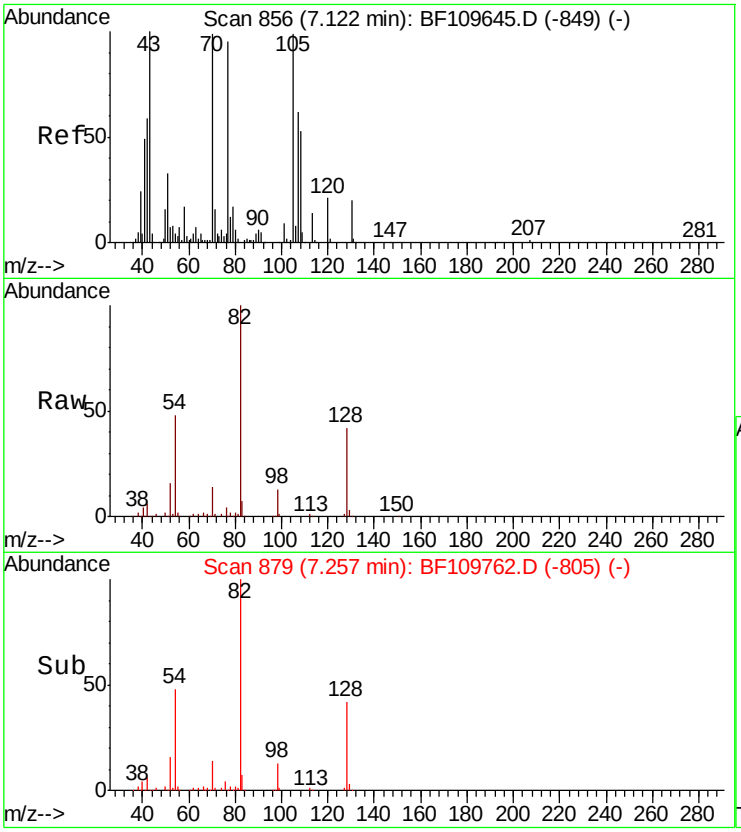


#10
Phenol
Concen: 2.204 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion: 94 Resp: 14017

Ion	Ratio	Lower	Upper
94	100		
65	39.9	25.3	65.3
66	88.4	54.5	94.5



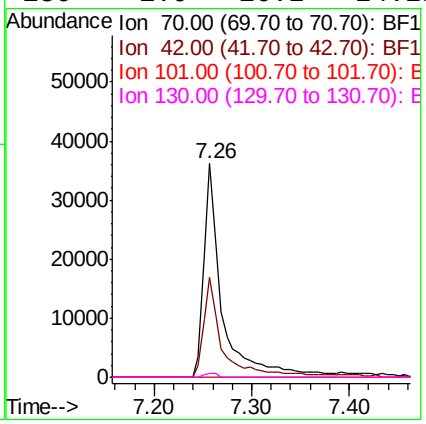


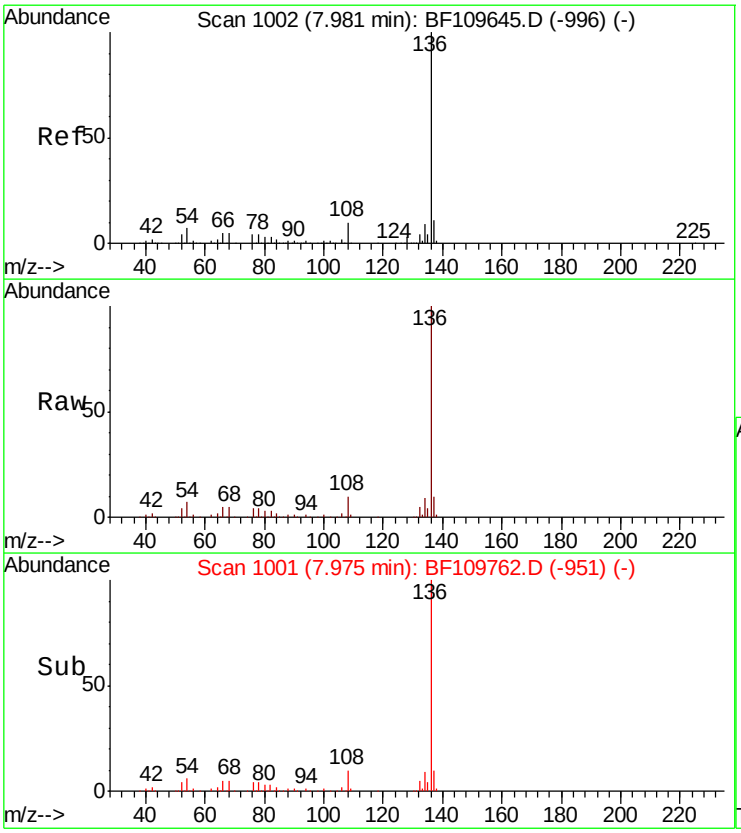
#19
n-Nitroso-di-n-propylamine
Concen: 12.244 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion: 70 Resp: 47619

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.4	71.2#
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#

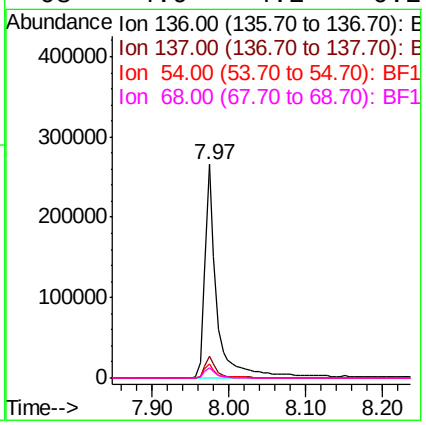


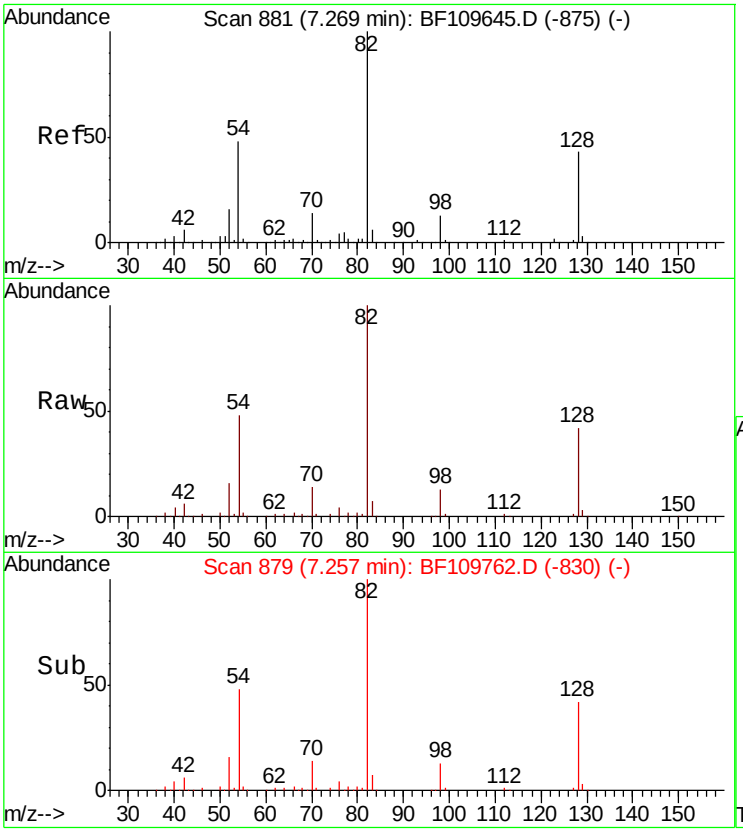


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:136 Resp: 292504

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.5	5.4	8.2
68	4.9	4.2	6.2



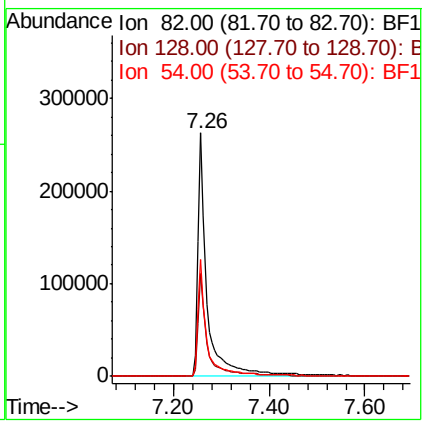


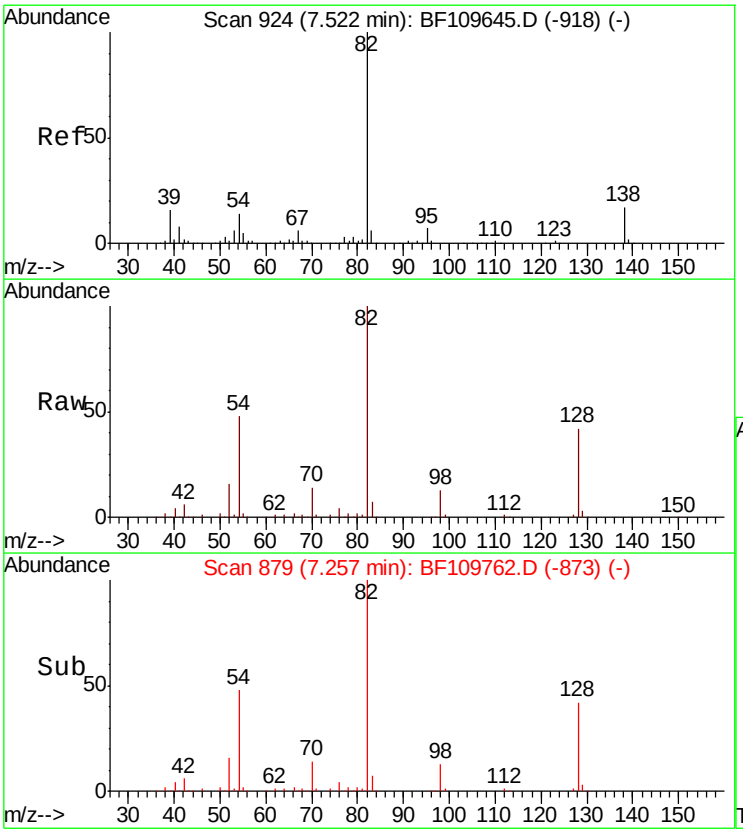
#23
Nitrobenzene-d5
Concen: 68.741 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion: 82 Resp: 364764

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.2	51.2
54	47.8	38.6	58.0

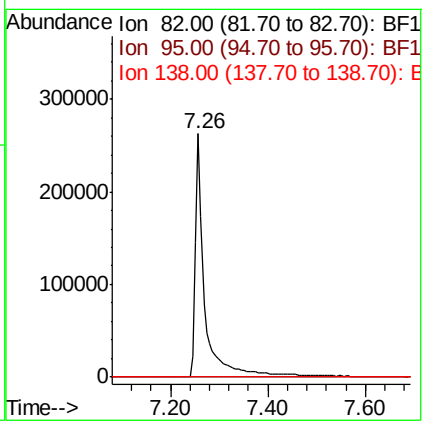


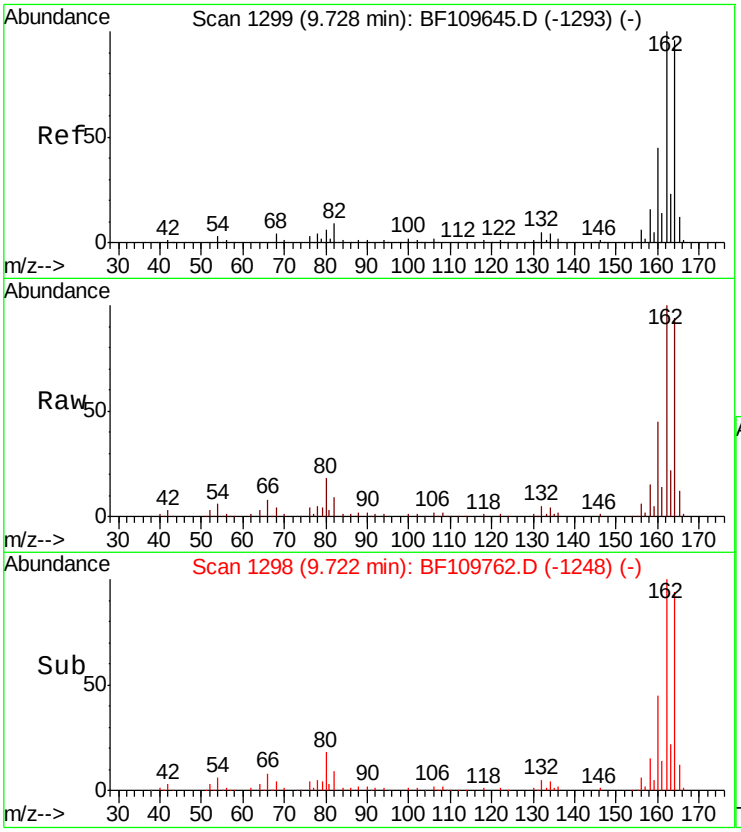


#25
Isophorone
Concen: 41.396 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion: 82 Resp: 364762

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



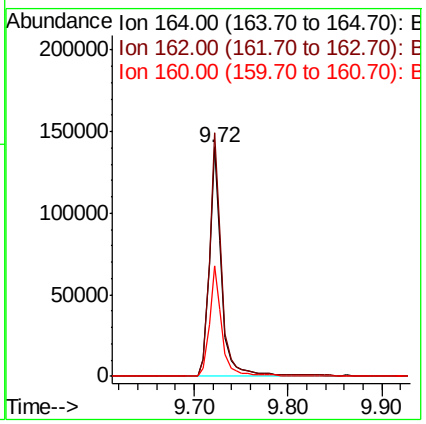


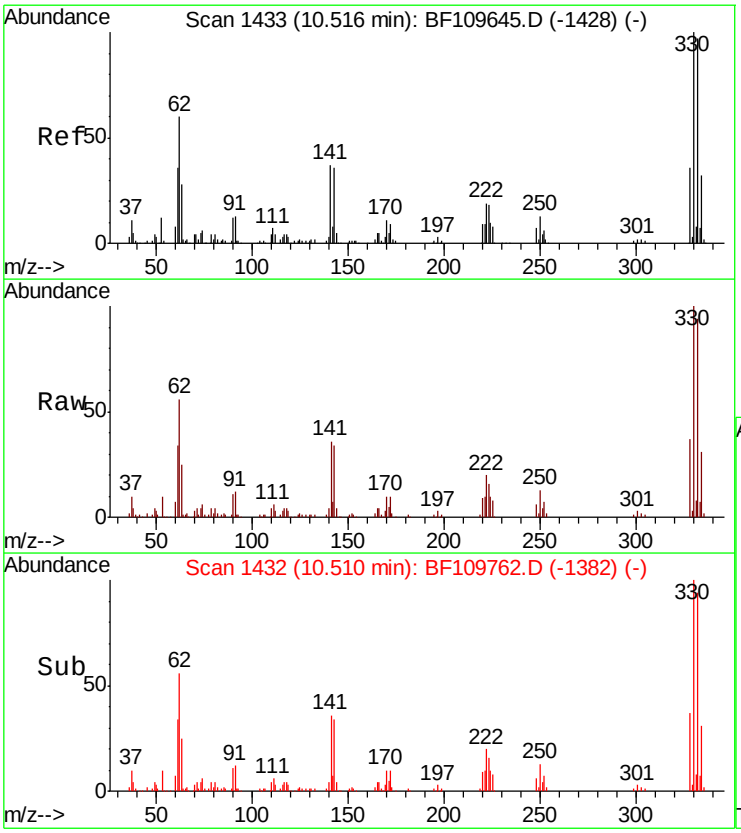
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:164 Resp: 129874

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.0	124.6
160	48.2	37.0	55.6

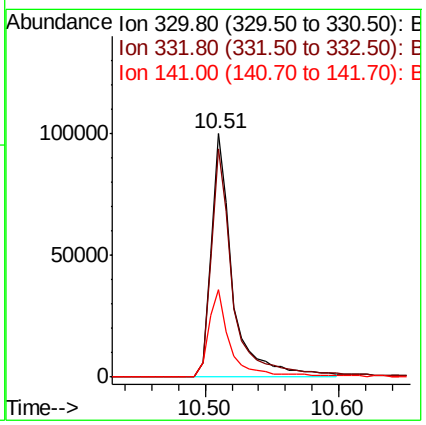


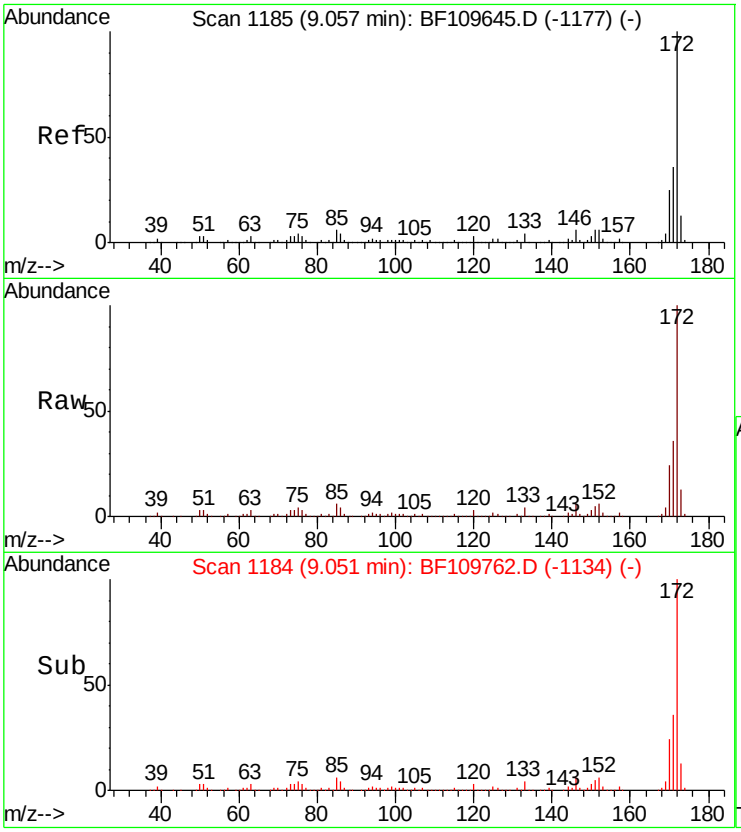


#41
2,4,6-Tribromophenol
Concen: 79.819 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:330 Resp: 112953

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.1	115.7
141	37.5	27.0	40.4



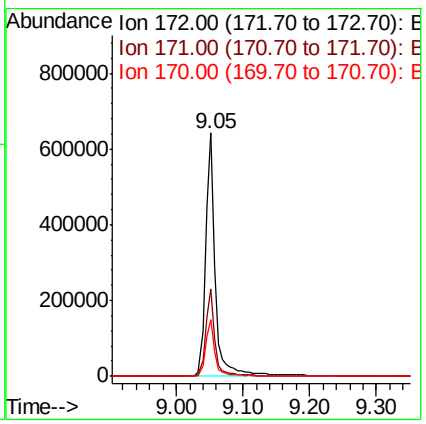


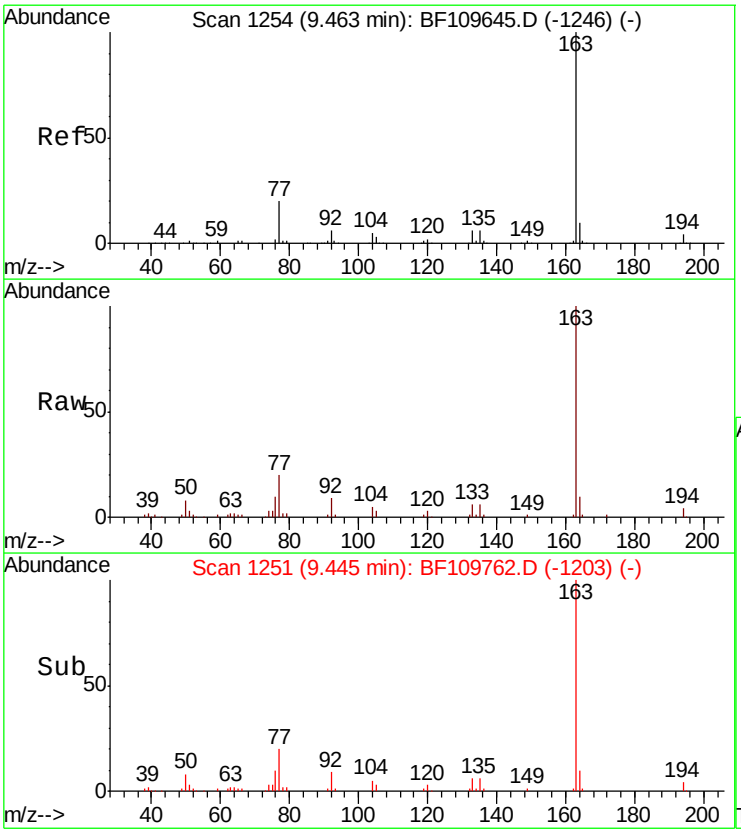
#44
2-Fluorobiphenyl
Concen: 69.790 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:172 Resp: 658117

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.5	19.7	29.5

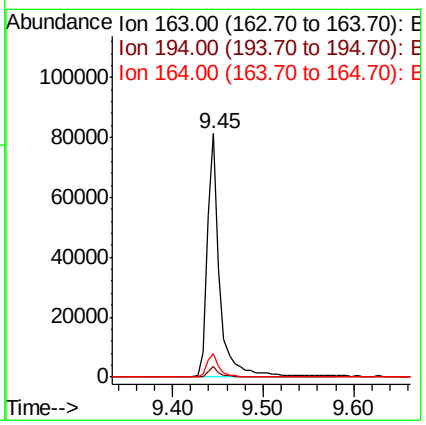


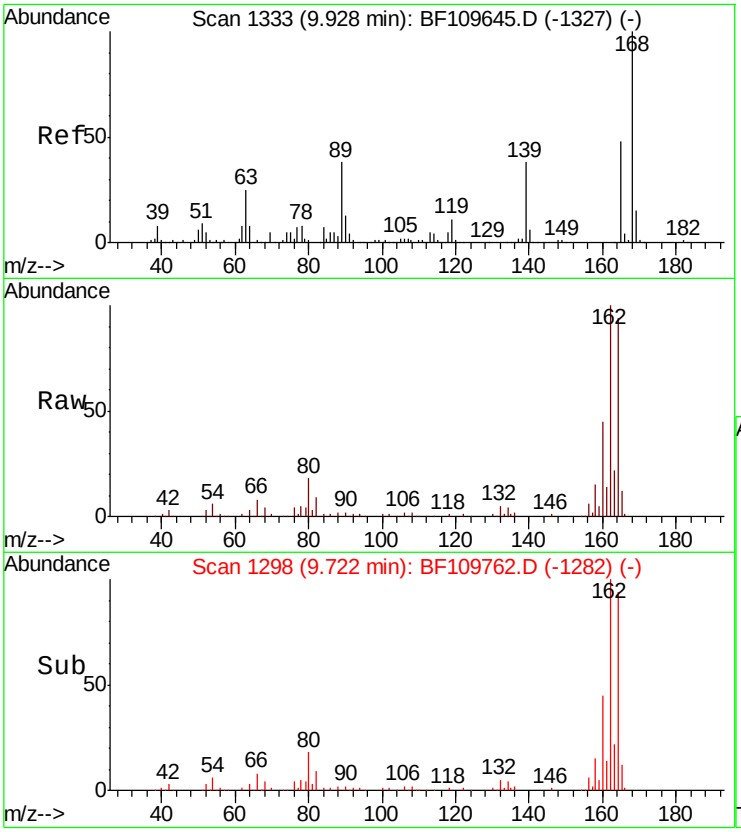


#49
Dimethylphthalate
Concen: 8.305 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:163 Resp: 79109

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.9	8.1	12.1



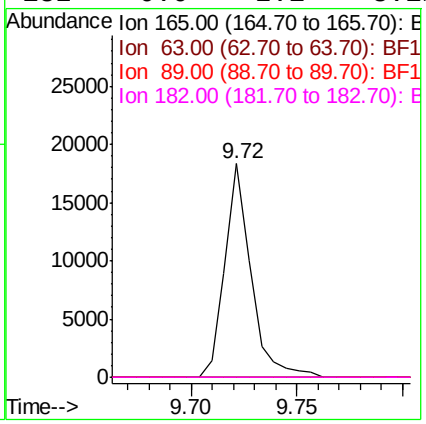


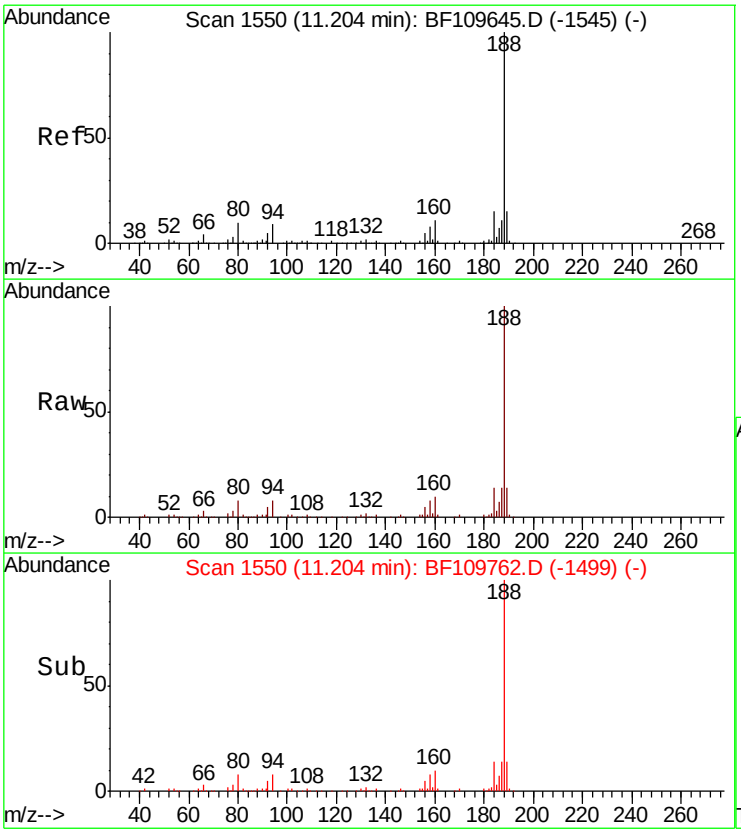
#56
2,4-Dinitrotoluene
Concen: 6.118 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:165 Resp: 15763

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#

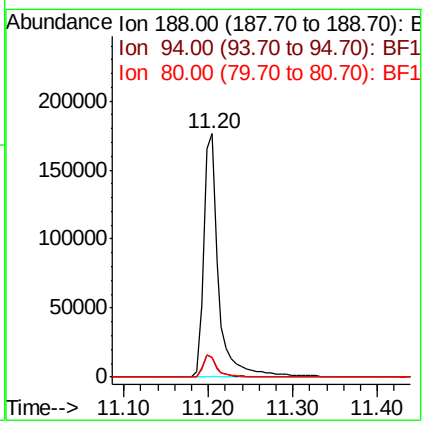


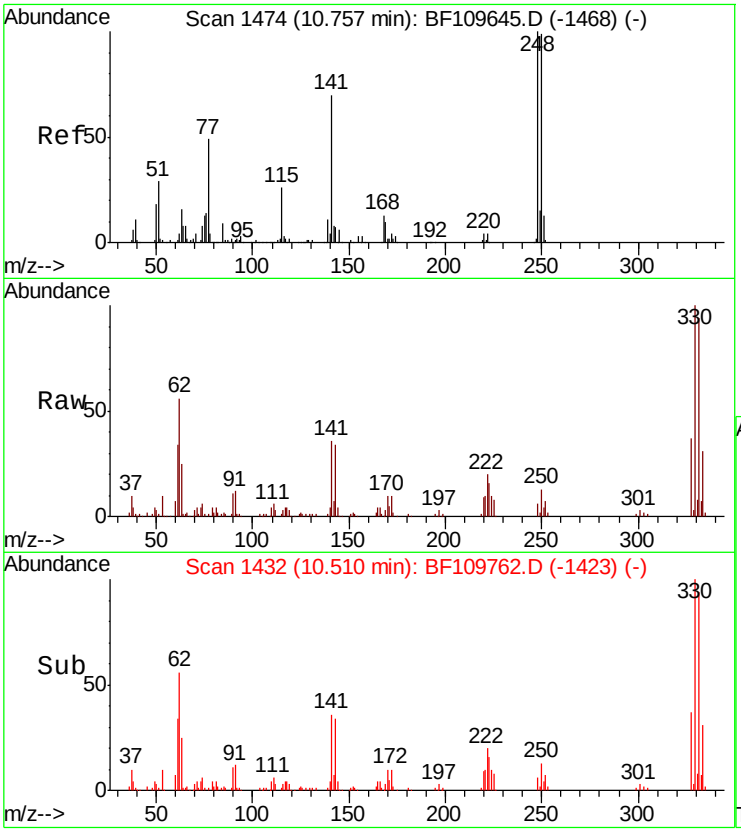


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:188 Resp: 215494

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.2	7.9	11.9



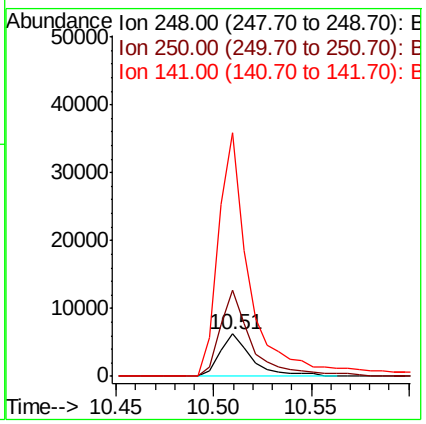


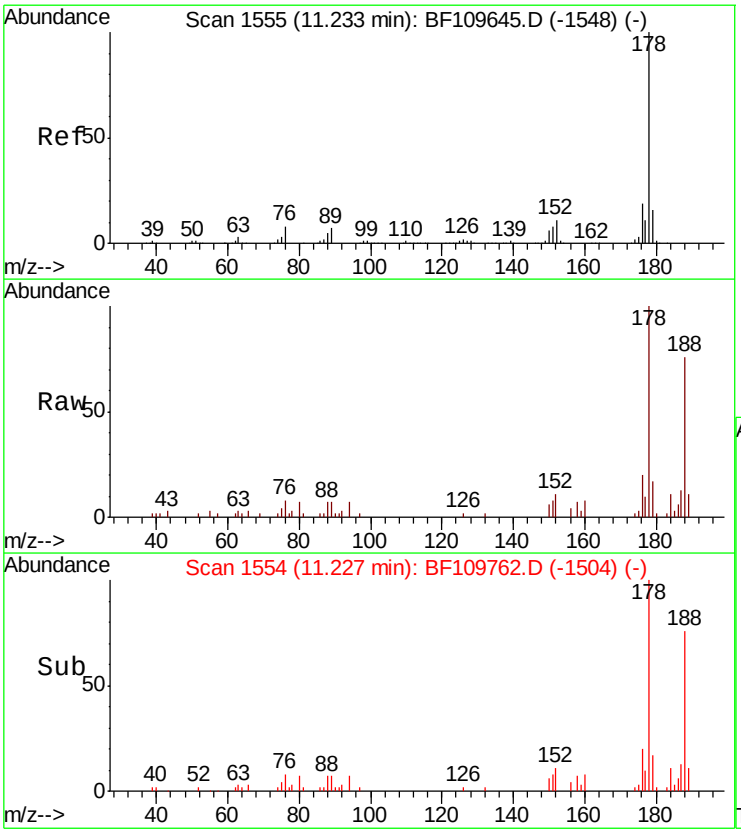
#66
4-Bromophenyl-phenylether
Concen: 2.820 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:248 Resp: 6983

Ion	Ratio	Lower	Upper
248	100		
250	205.5	79.4	119.2#
141	577.2	55.9	83.9#

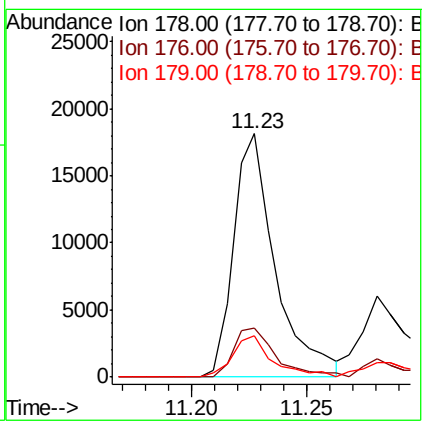


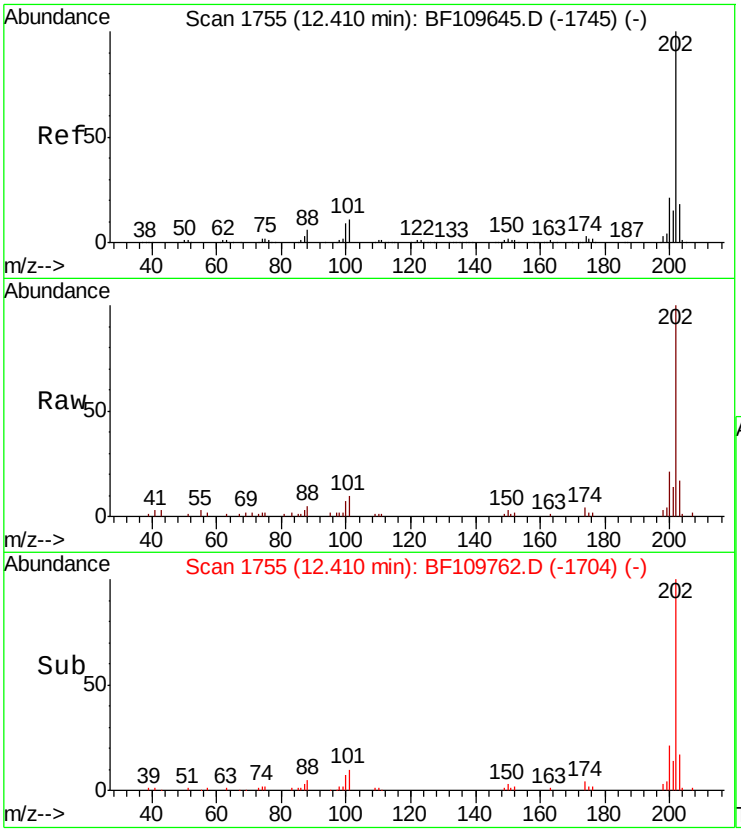


#70
Phenanthrene
Concen: 2.118 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:178 Resp: 22836

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	17.0	12.5	18.7



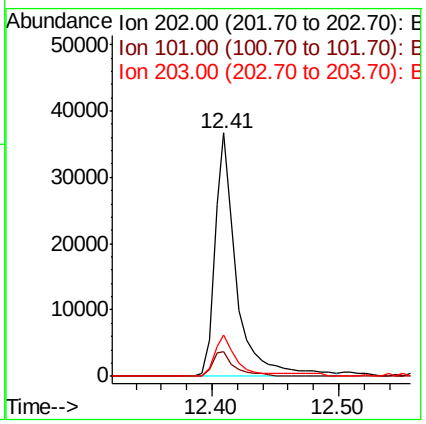


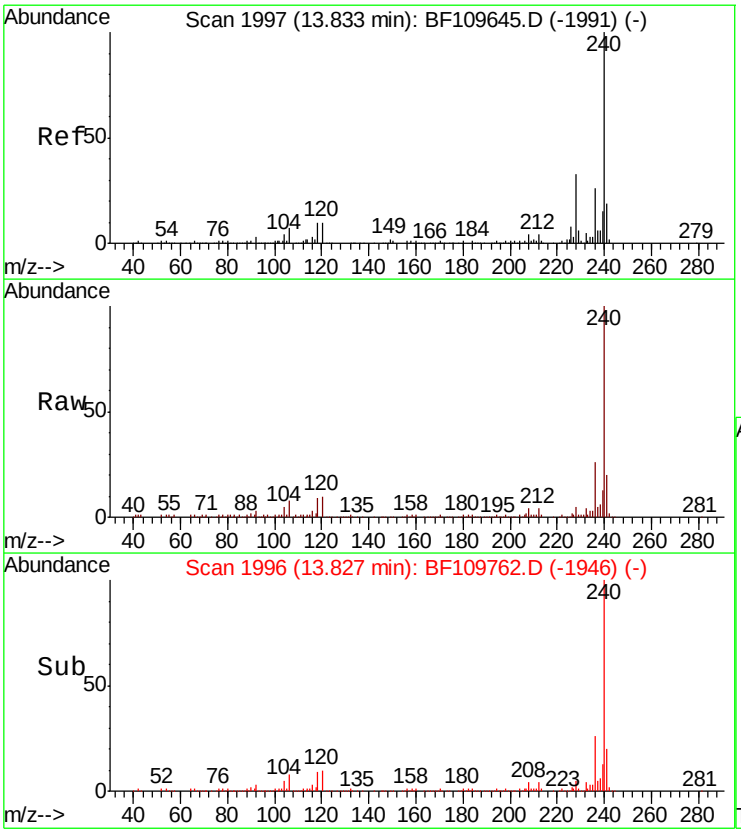
#74
Fluoranthene
Concen: 3.854 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:202 Resp: 43414

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.1	0.0	37.7

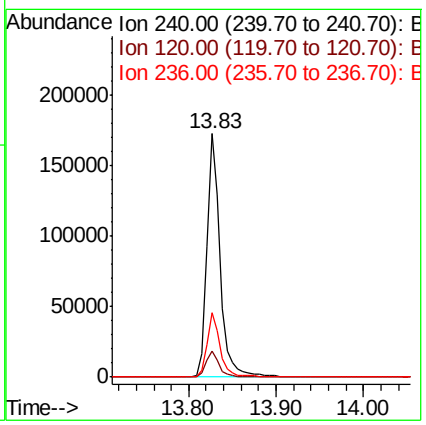


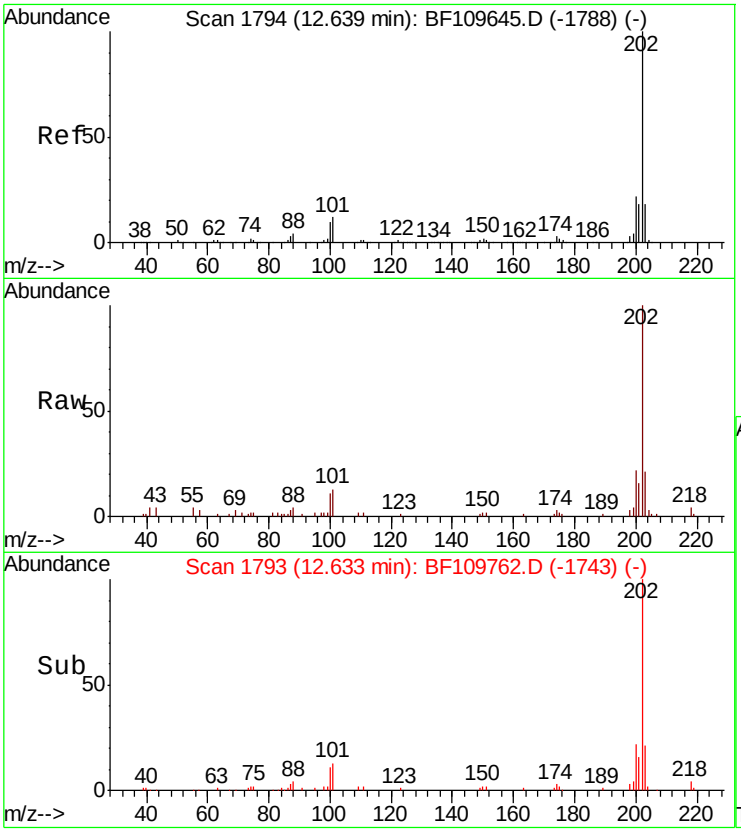


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:240 Resp: 181973

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	26.3	21.2	31.8



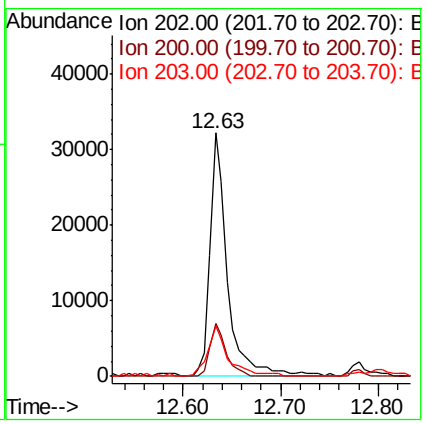


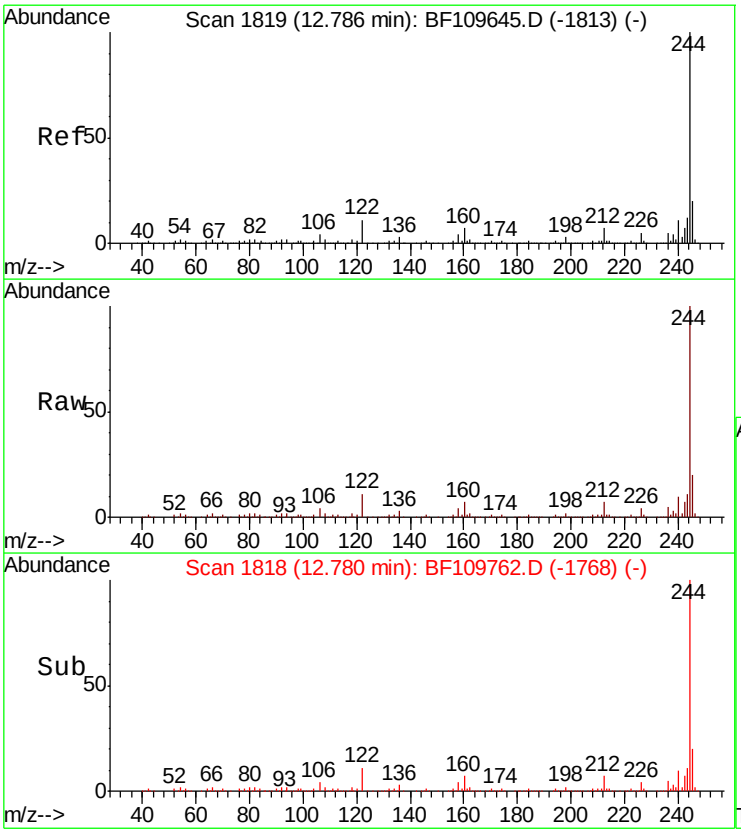
#77
Pyrene
Concen: 3.003 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:202 Resp: 40036

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	20.6	14.2	21.4

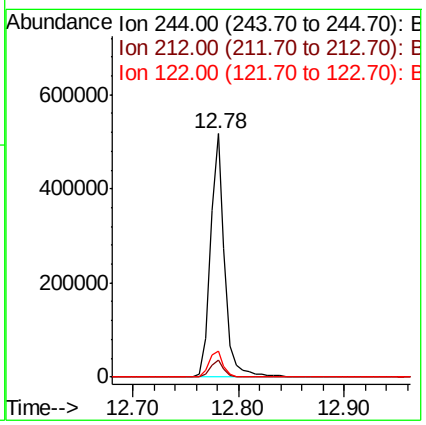


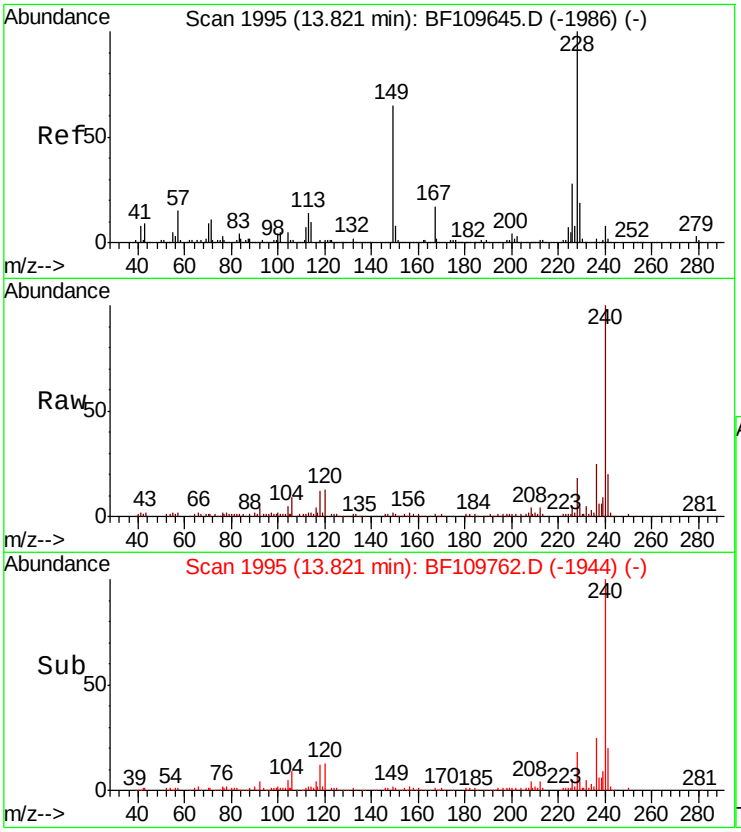


#78
Terphenyl-d14
Concen: 51.864 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:244 Resp: 487529

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.6	8.7	13.1



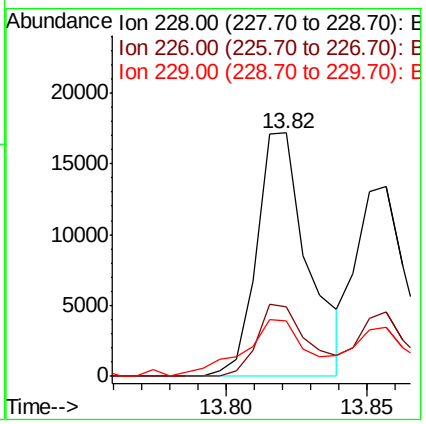


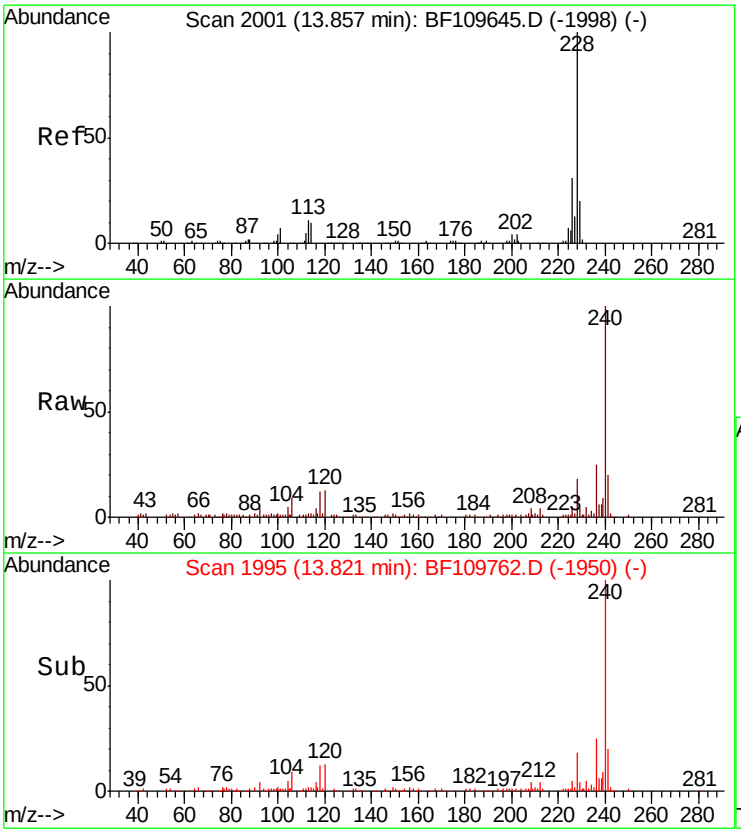
#80
Benzo(a)anthracene
Concen: 2.162 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:228 Resp: 21707

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.1	33.1
229	22.9	15.6	23.4

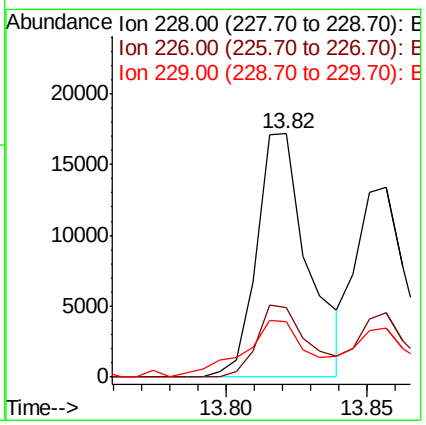


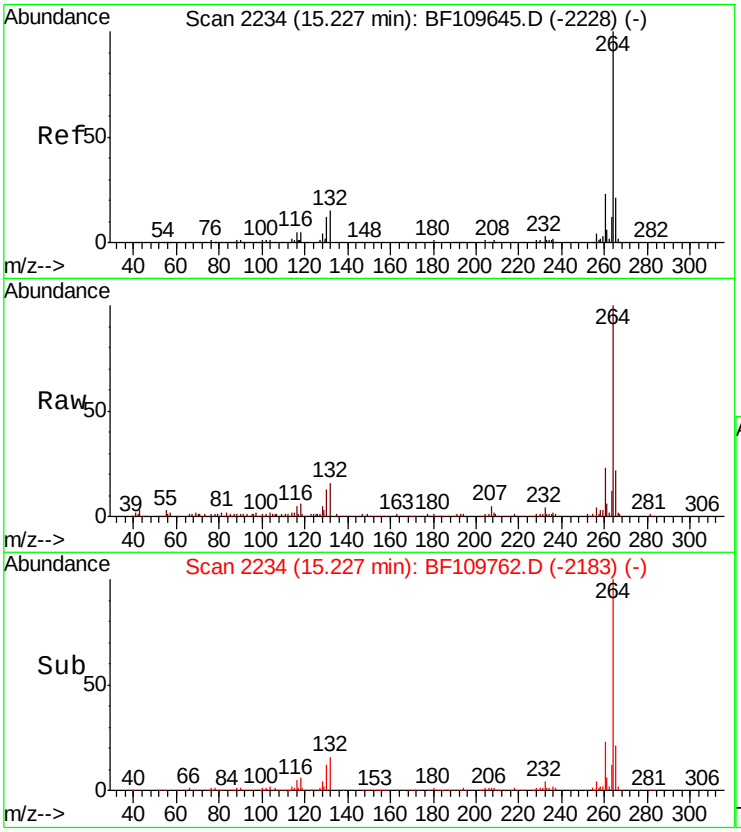


#82
Chrysene
Concen: 2.058 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:228 Resp: 21707

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.7	37.1
229	22.9	15.9	23.9



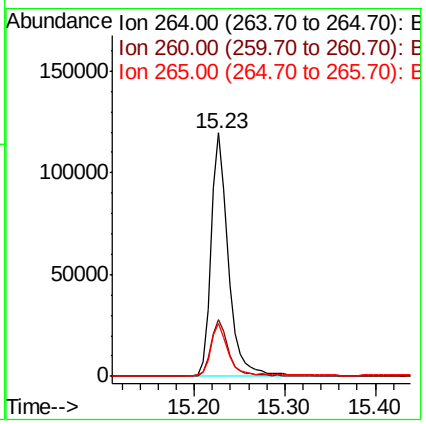


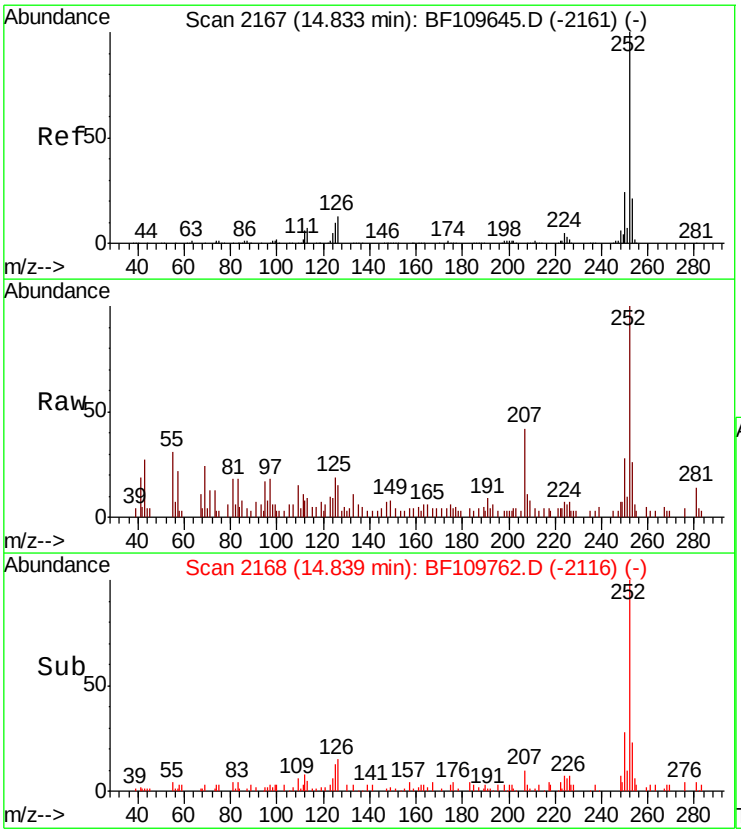
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:264 Resp: 158968

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.6	16.7	25.1

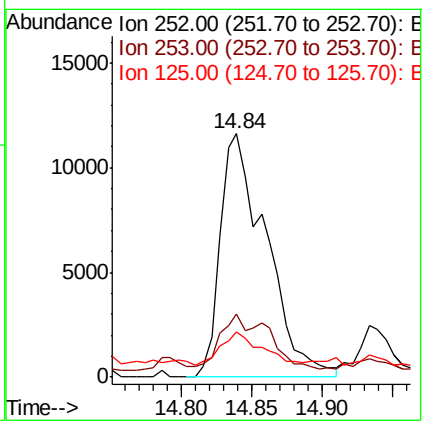


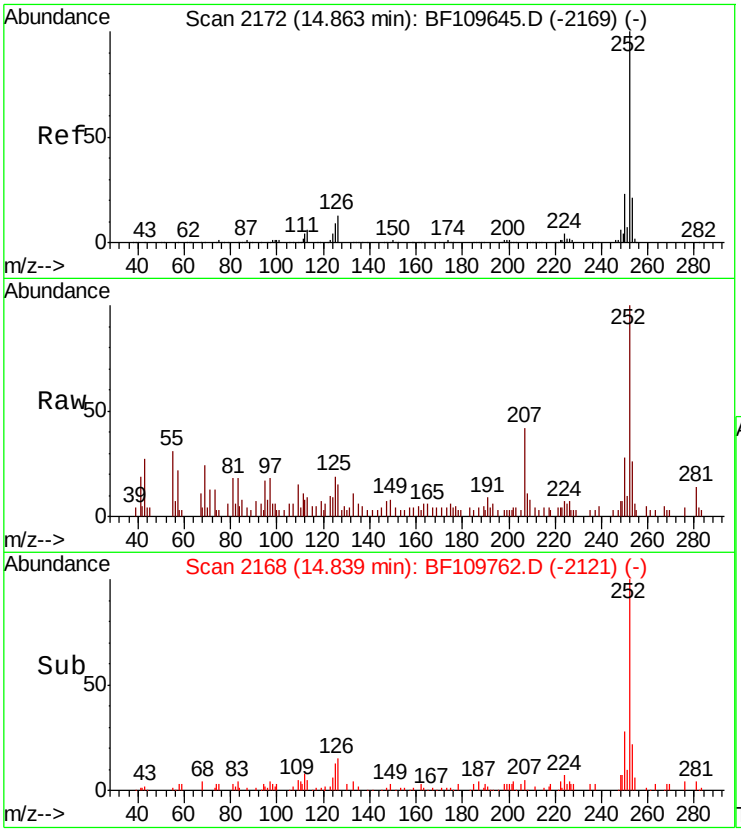


#87
Benzo(b)fluoranthene
Concen: 3.001 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:252 Resp: 26366

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	18.6	8.2	12.4#





#88
Benzo(k)fluoranthene
Concen: 2.987 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:252 Resp: 26366

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	18.6	7.4	11.0#