Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
Data File : BF109804.D
Acq On : 11 Oct 2018 23:23
Operator : JU/SJ
Sample : J5314-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-20

Quant Time: Oct 12 04:28:04 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	68937	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	271710	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	108480	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	186884	20.00	ng		0.00
75) Chrysene-d12	13.83	240	197682	20.00	ng		0.00
86) Perylene-d12	15.23	264	188306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	333620	85.90	ng		0.00
7) Phenol-d6	6.34	99	478649	92.26	ng		-0.02
23) Nitrobenzene-d5	7.26	82	315391	63.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	85765	72.56	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	470530	59.74	ng		-0.01
78) Terphenyl-d14	12.78	244	375500	36.77	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	14590	2.452	ng		88
19) n-Nitroso-di-n-propylamine	7.26	70	39638	10.895	ng	#	78
25) Isophorone	7.26	82	315391	38.532	ng	#	67
49) Dimethylphthalate	9.45	163	57040	7.169	ng		99
50) 2,6-Dinitrotoluene	9.72	165	13765	7.982	ng	#	21
56) 2,4-Dinitrotoluene	9.72	165	13765	6.396	ng	#	17
66) 4-Bromophenyl-phenylether	10.50	248	5026	2.341	ng	#	1
70) Phenanthrene	11.22	178	134131	14.342	ng		99
71) Anthracene	11.28	178	55040	5.693	ng		97
74) Fluoranthene	12.40	202	314384	32.177	ng		99
77) Pyrene	12.63	202	281862	19.461	ng		98
80) Benzo(a)anthracene	13.82	228	176828	16.210	ng		99
82) Chrysene	13.85	228	140946	12.301	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	54380	6.630	ng	#	94
87) Benzo(b)fluoranthene	14.83	252	238787	22.947	ng		99
88) Benzo(k)fluoranthene	14.83	252	238787	22.838	ng		98
89) Benzo(a)pyrene	15.17	252	124484	13.182	ng		100
91) Benzo(g,h,i)perylene	16.98	276	51972	6.711	ng	#	93

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

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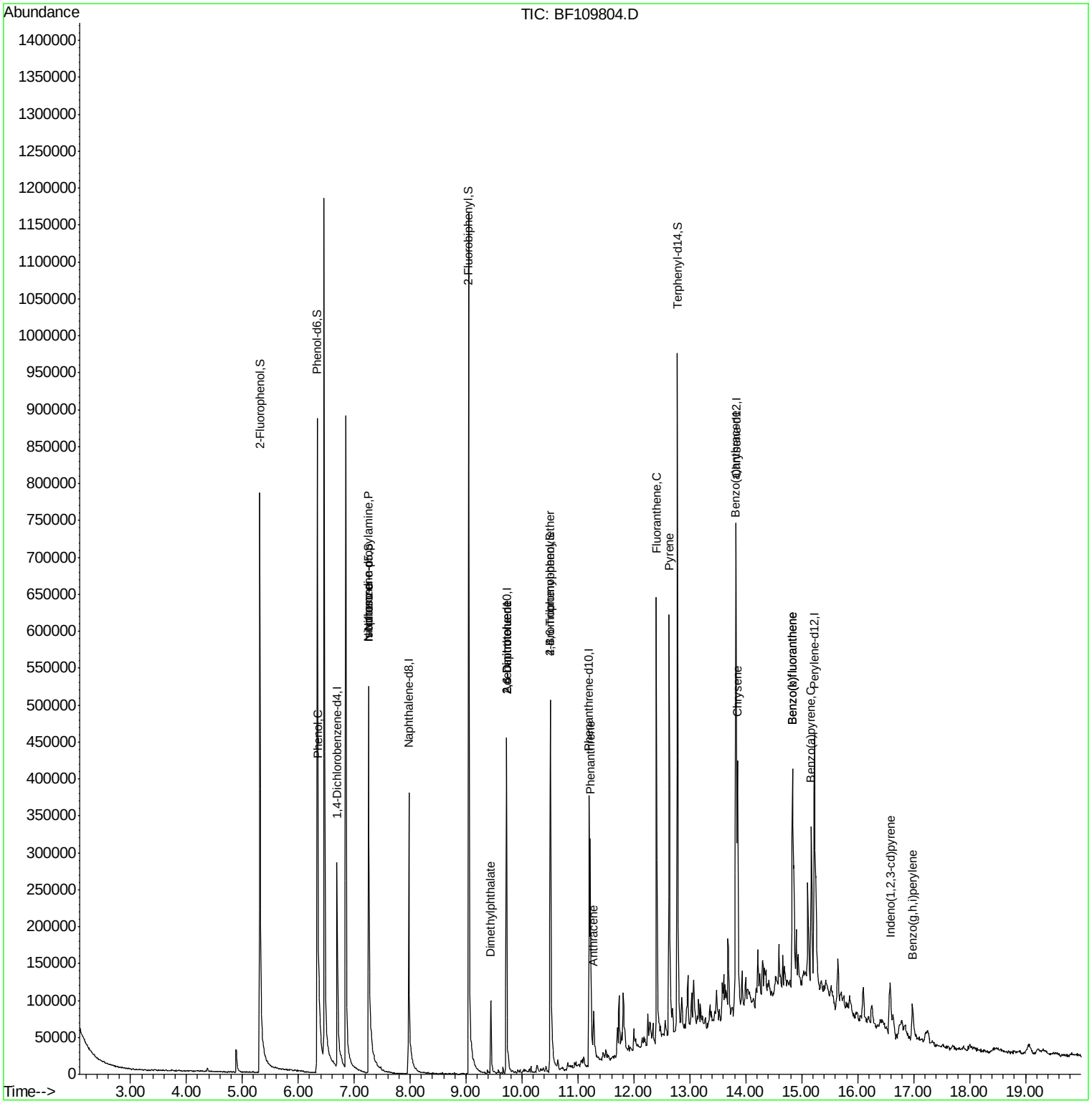
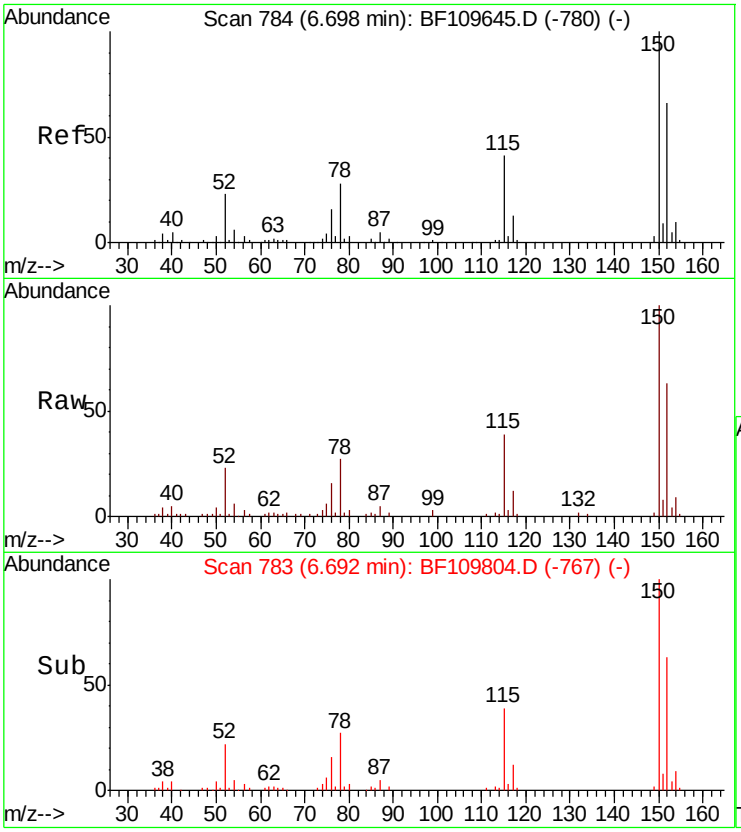


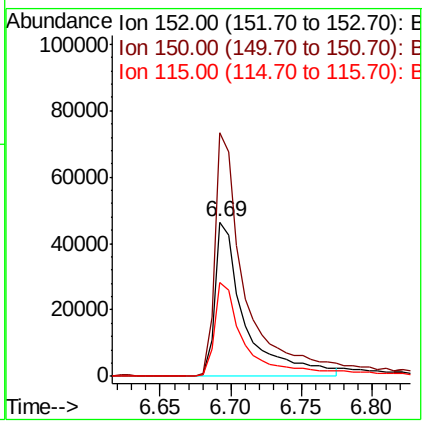


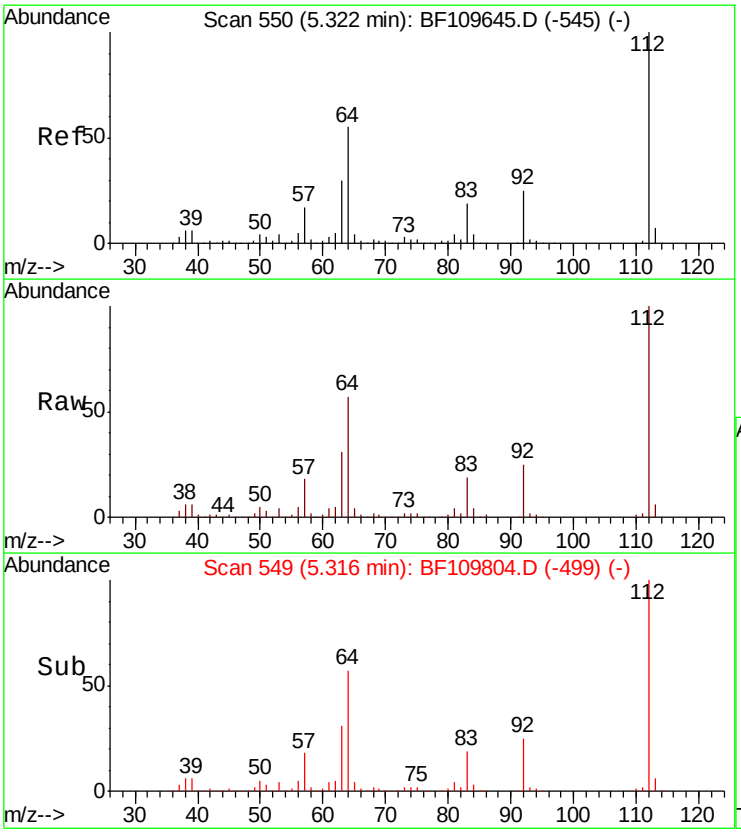
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:152 Resp: 68937

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	61.1	49.1	73.7

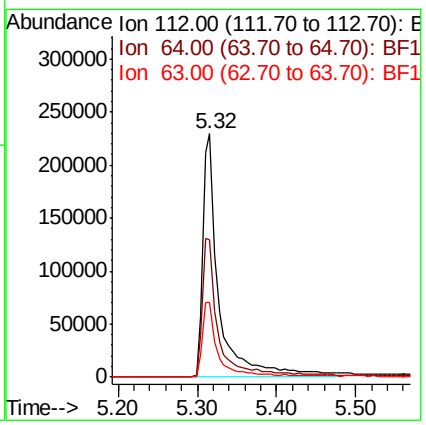


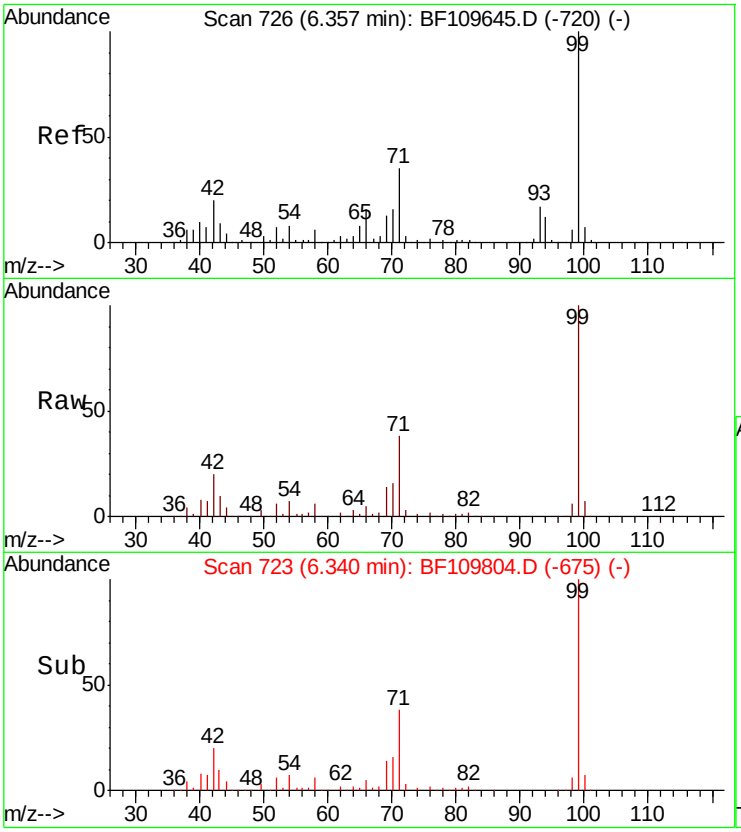


#5
2-Fluorophenol
Concen: 85.902 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:112 Resp: 333620

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.1	66.1
63	30.8	23.7	35.5



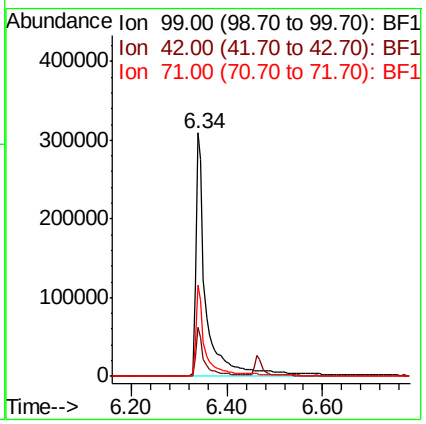


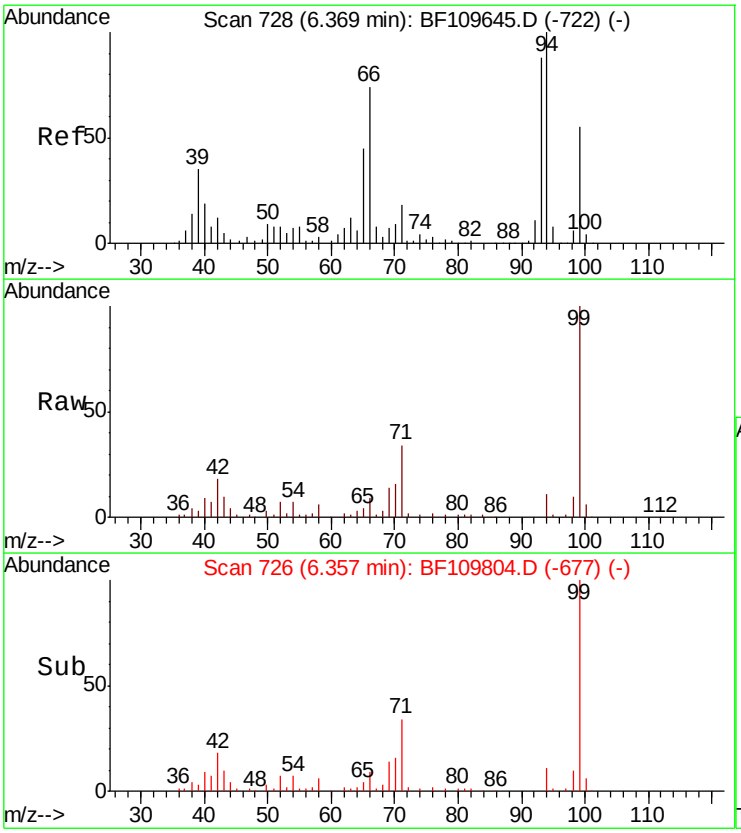
#7
Phenol-d6
Concen: 92.257 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion: 99 Resp: 478649

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	37.6	28.0	42.0

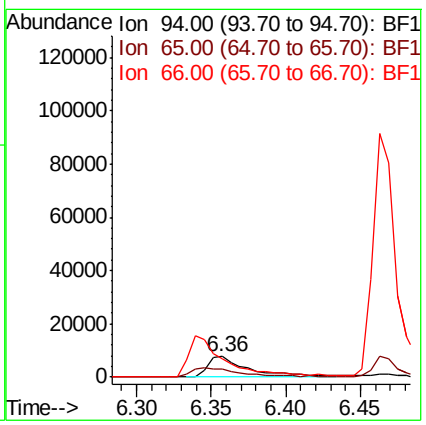


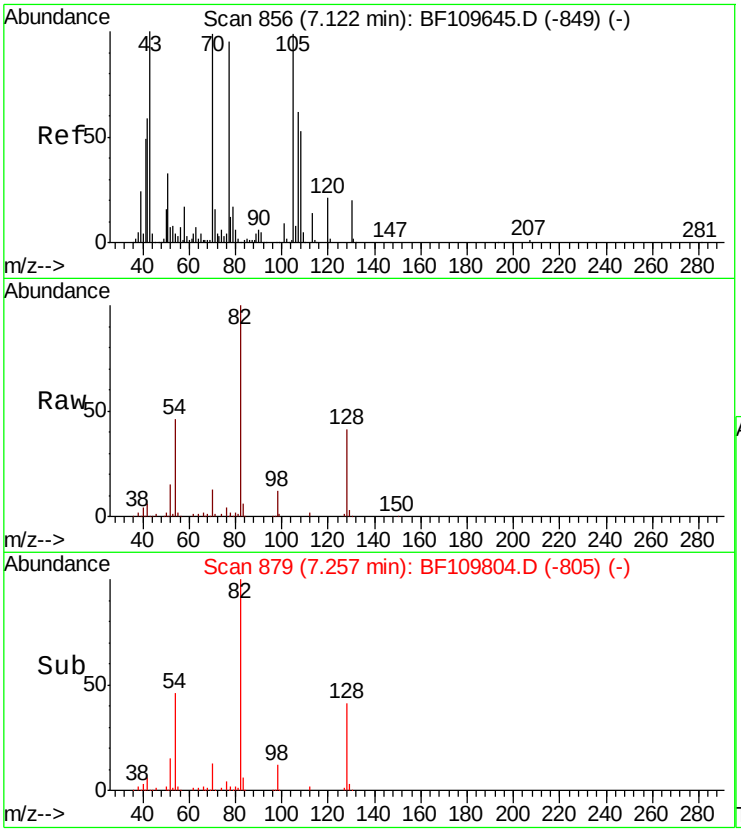


#10
Phenol
Concen: 2.452 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion: 94 Resp: 14590

Ion	Ratio	Lower	Upper
94	100		
65	39.1	25.3	65.3
66	86.5	54.5	94.5



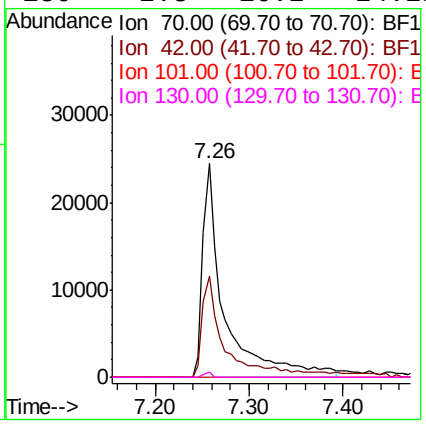


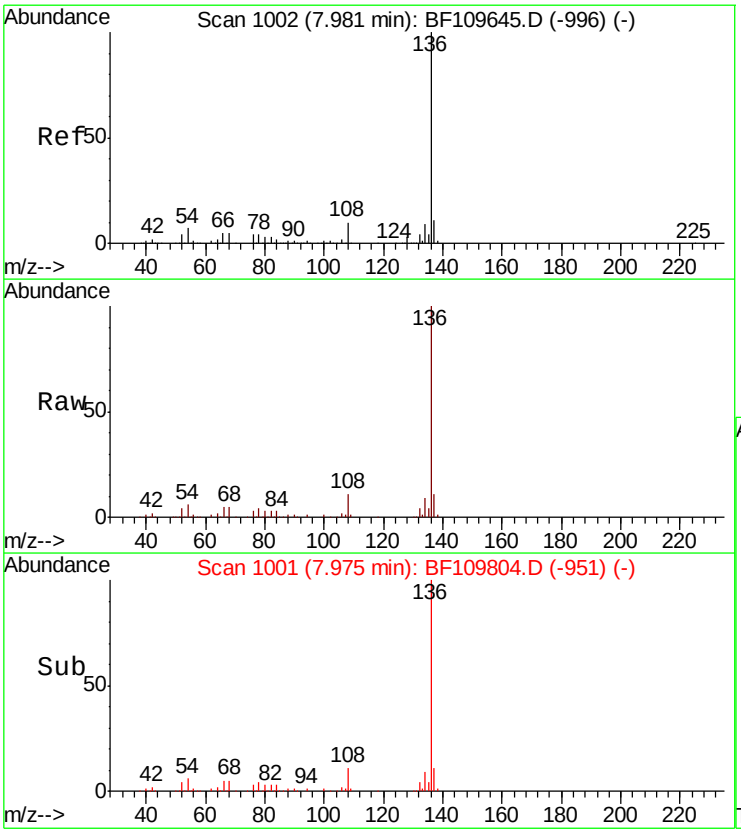
#19
n-Nitroso-di-n-propylamine
Concen: 10.895 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion: 70 Resp: 39638

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

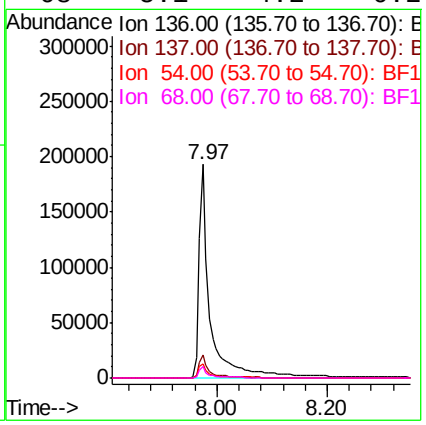


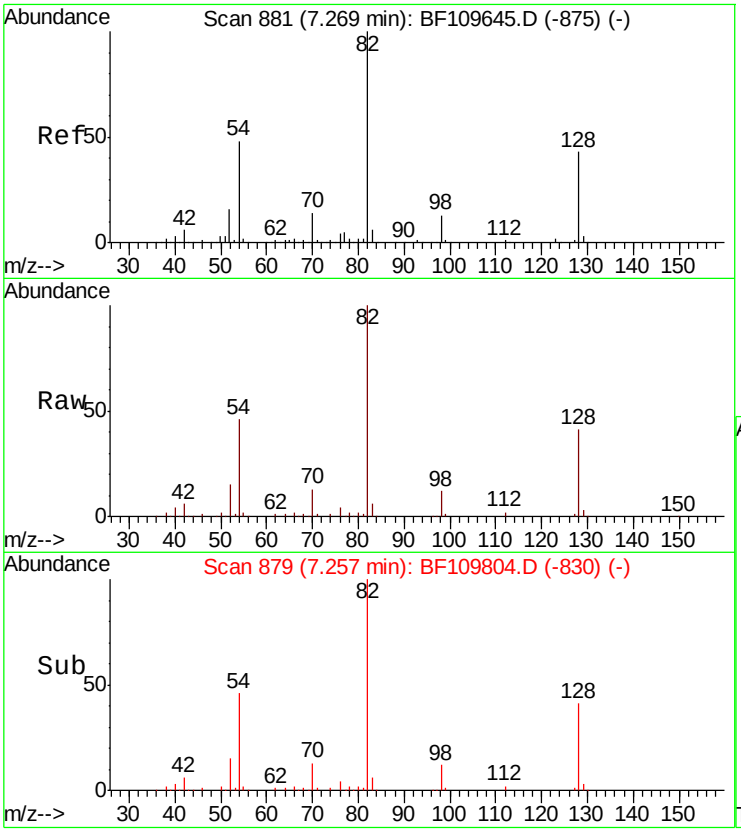


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:136 Resp: 271710

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.3	5.4	8.2
68	5.1	4.2	6.2



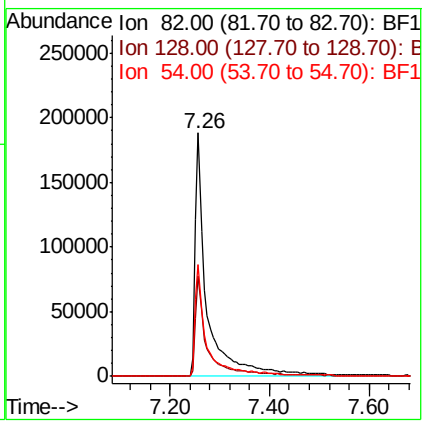


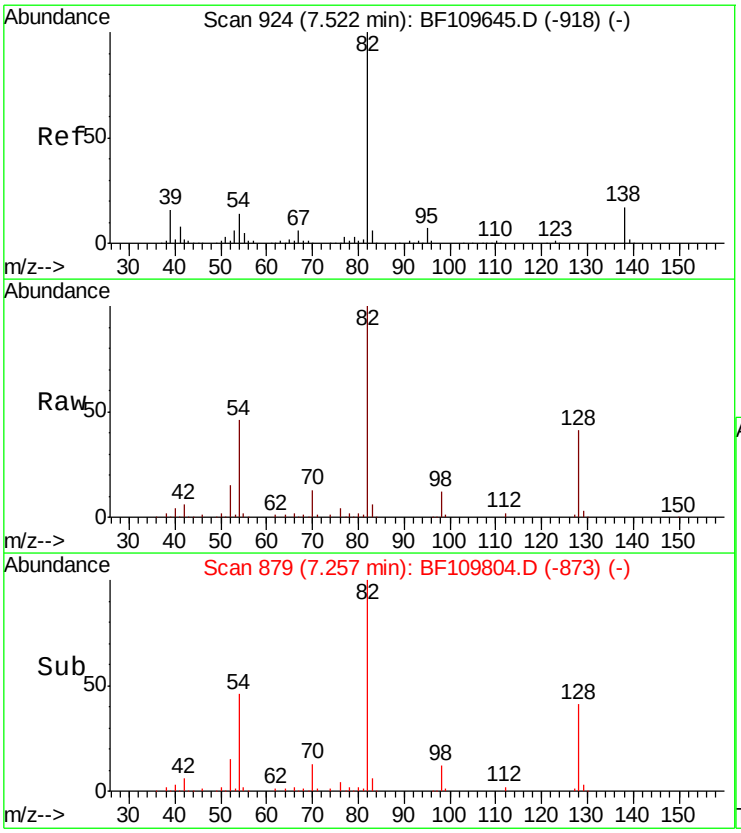
#23
Nitrobenzene-d5
Concen: 63.985 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion: 82 Resp: 315391

Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.2	51.2
54	46.1	38.6	58.0

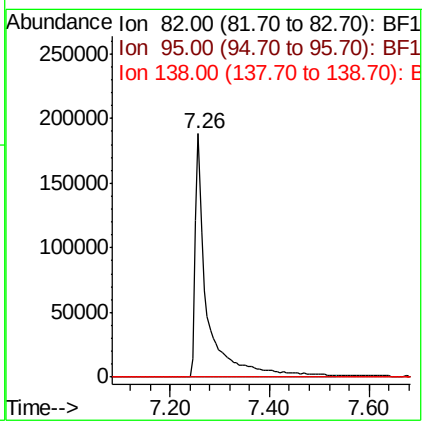


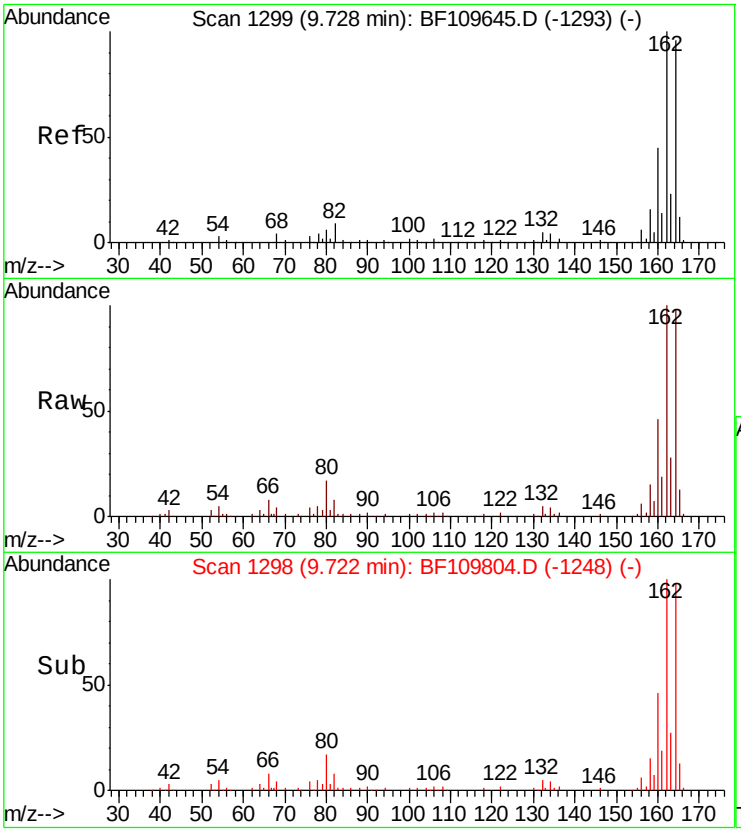


#25
Isophorone
Concen: 38.532 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion: 82 Resp: 315391

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



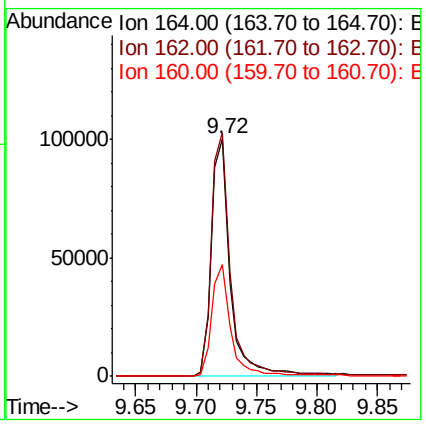


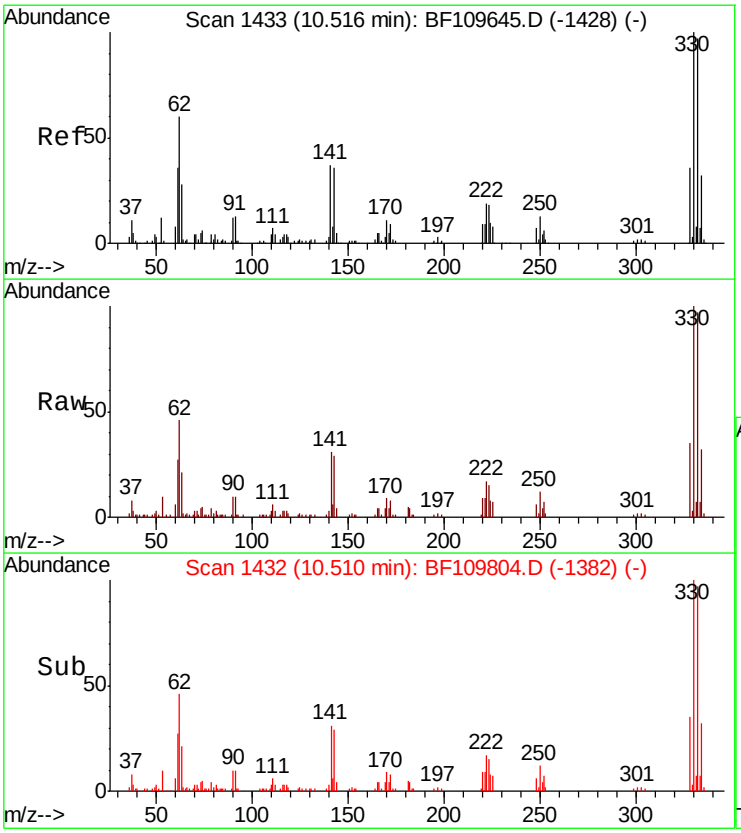
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:164 Resp: 108480

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.6
160	46.8	37.0	55.6

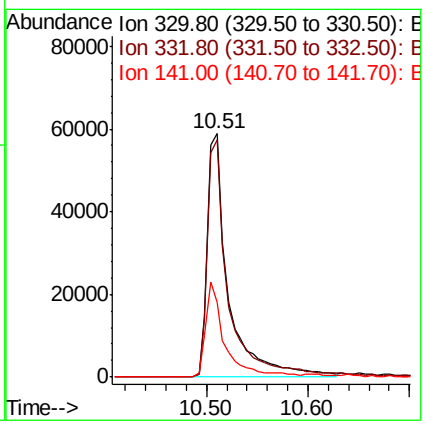


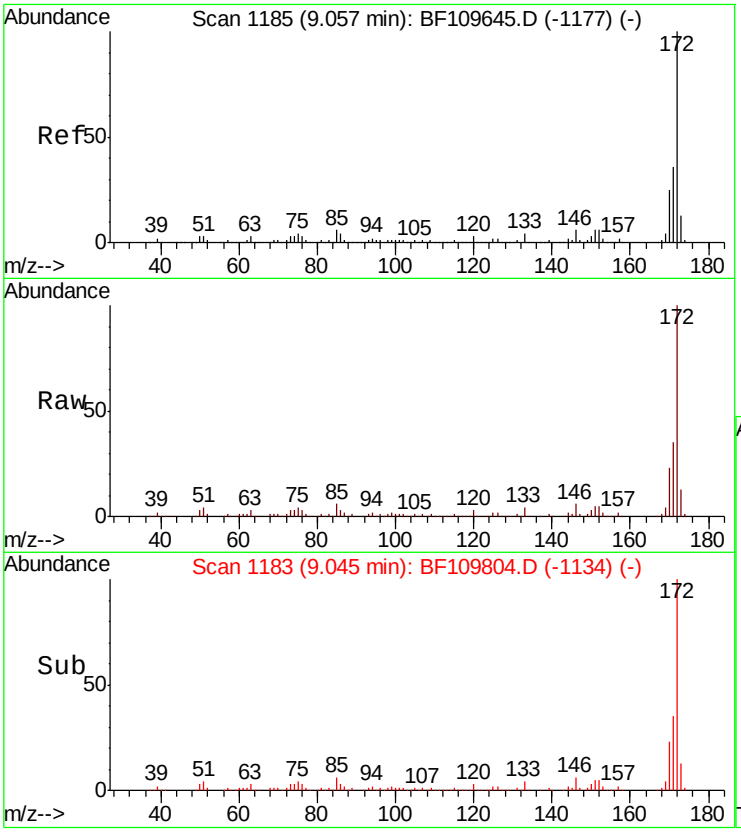


#41
2,4,6-Tribromophenol
Concen: 72.559 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:330 Resp: 85765

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.1	115.7
141	35.3	27.0	40.4



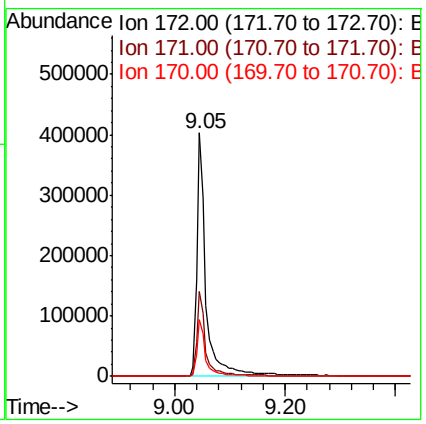


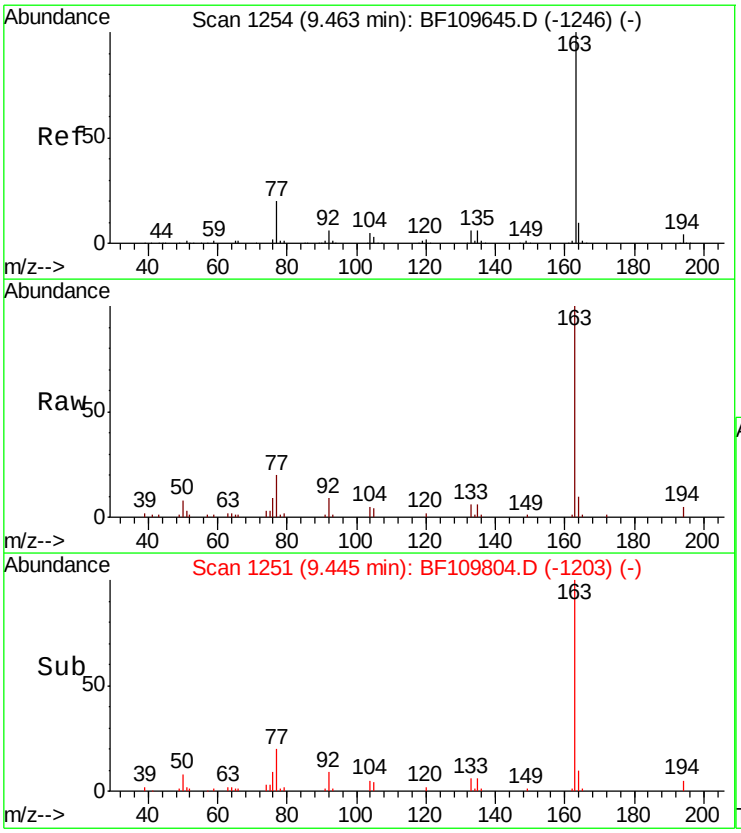
#44
2-Fluorobiphenyl
Concen: 59.738 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:172 Resp: 470530

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.3	19.7	29.5

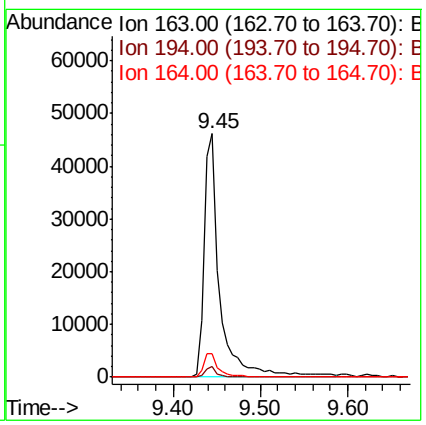


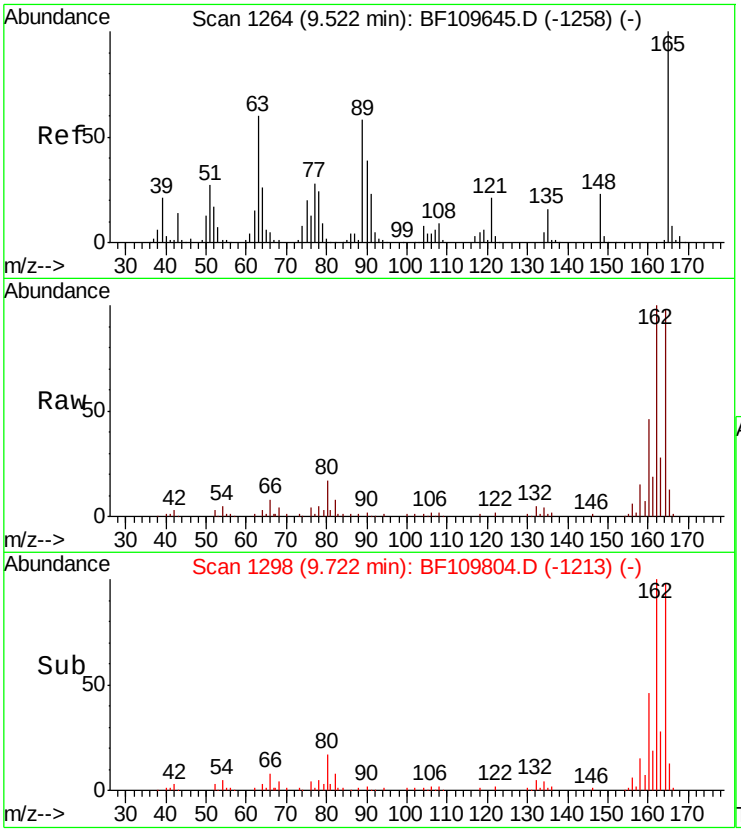


#49
Dimethylphthalate
Concen: 7.169 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:163 Resp: 57040

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.6	8.1	12.1



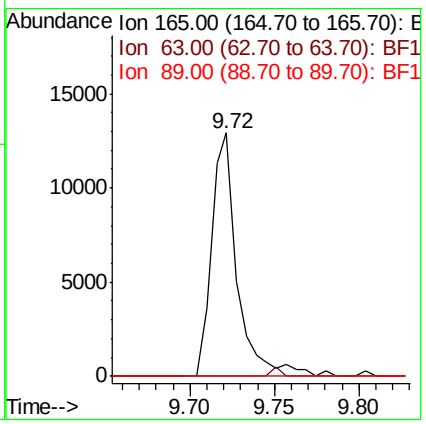


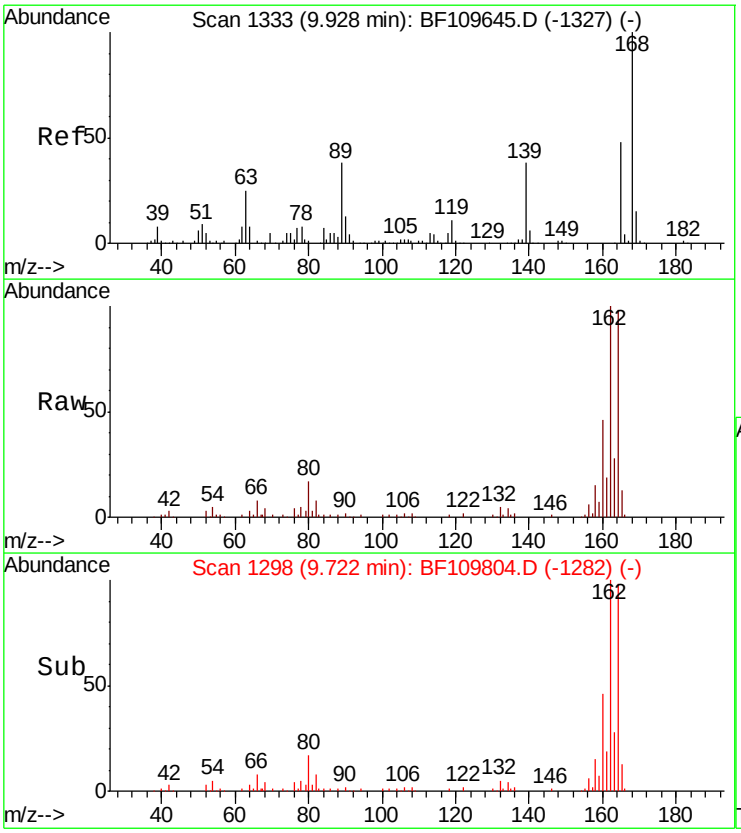
#50
2,6-Dinitrotoluene
Concen: 7.982 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:165 Resp: 13765

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

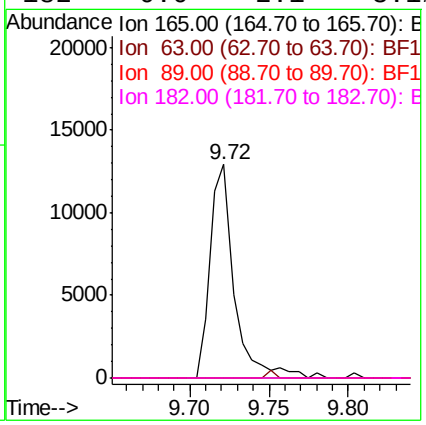


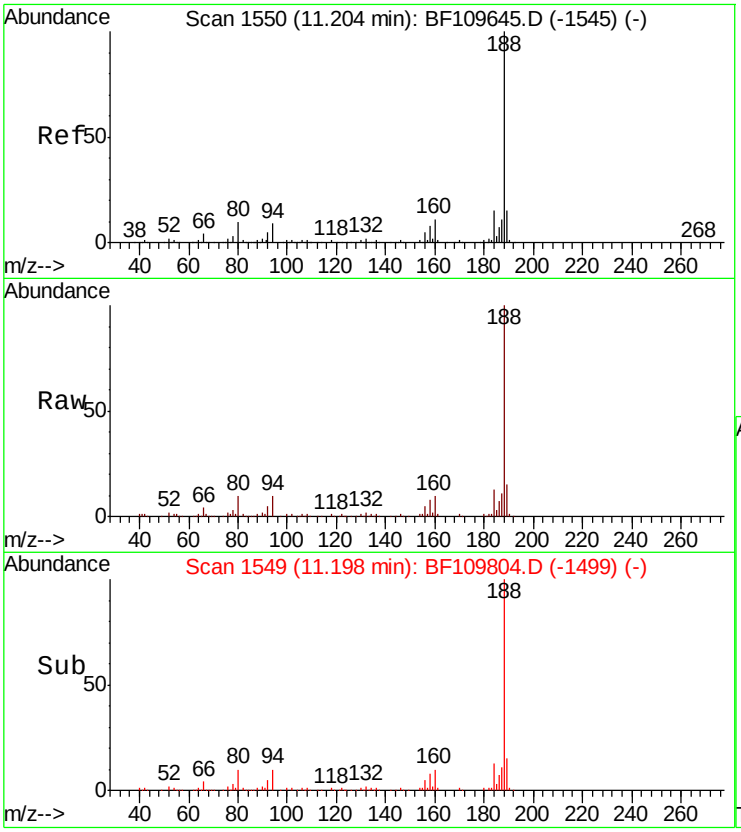


#56
2,4-Dinitrotoluene
Concen: 6.396 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:165 Resp: 13765

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#



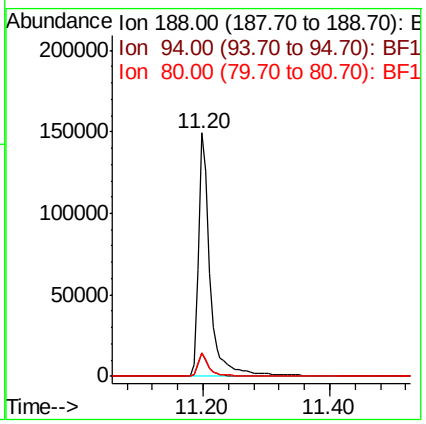


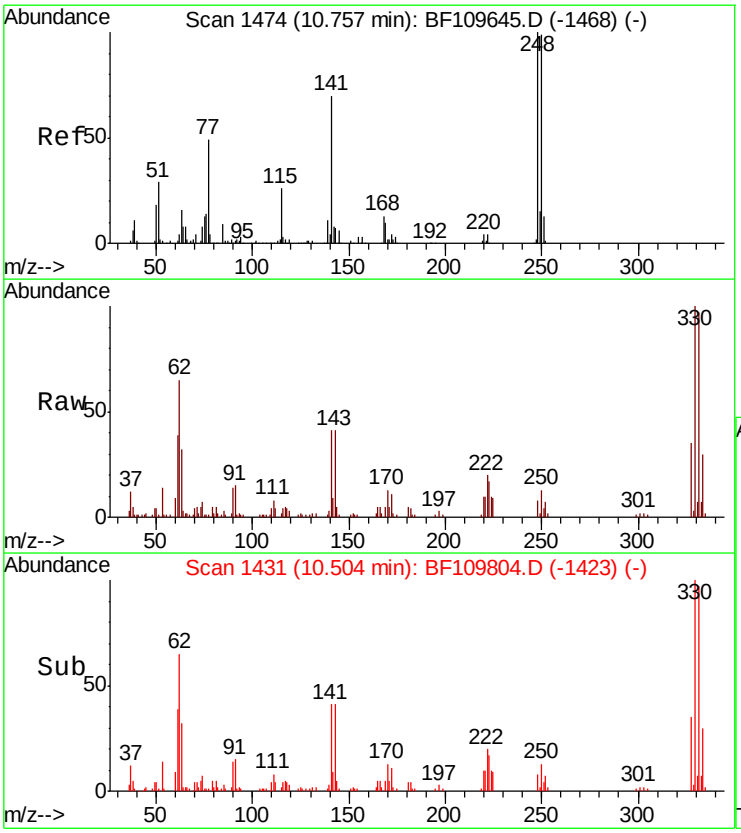
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:188 Resp: 186884

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	9.7	7.9	11.9

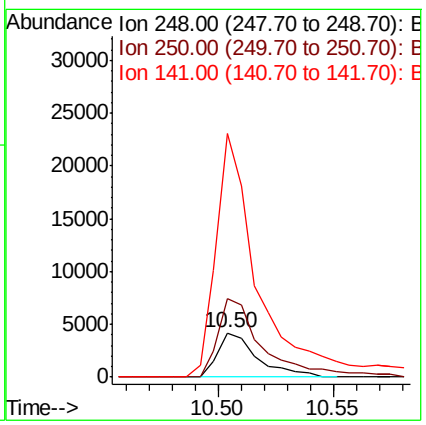


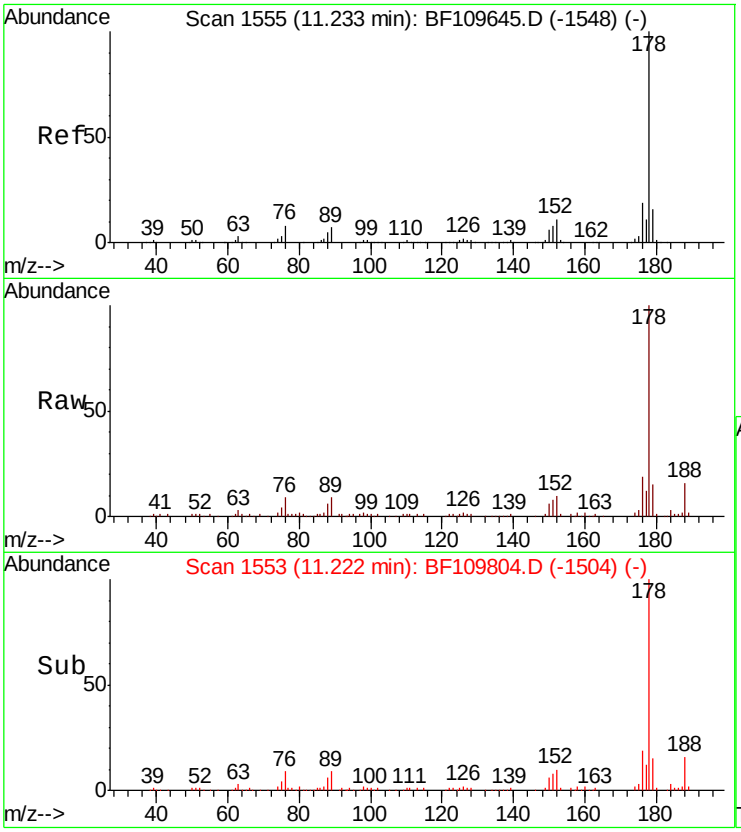


#66
4-Bromophenyl-phenylether
Concen: 2.341 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:248 Resp: 5026

Ion	Ratio	Lower	Upper
248	100		
250	177.2	79.4	119.2#
141	548.0	55.9	83.9#



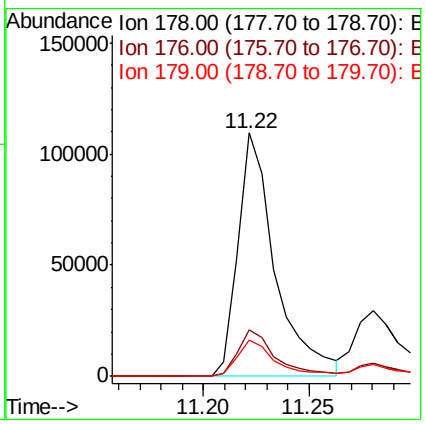


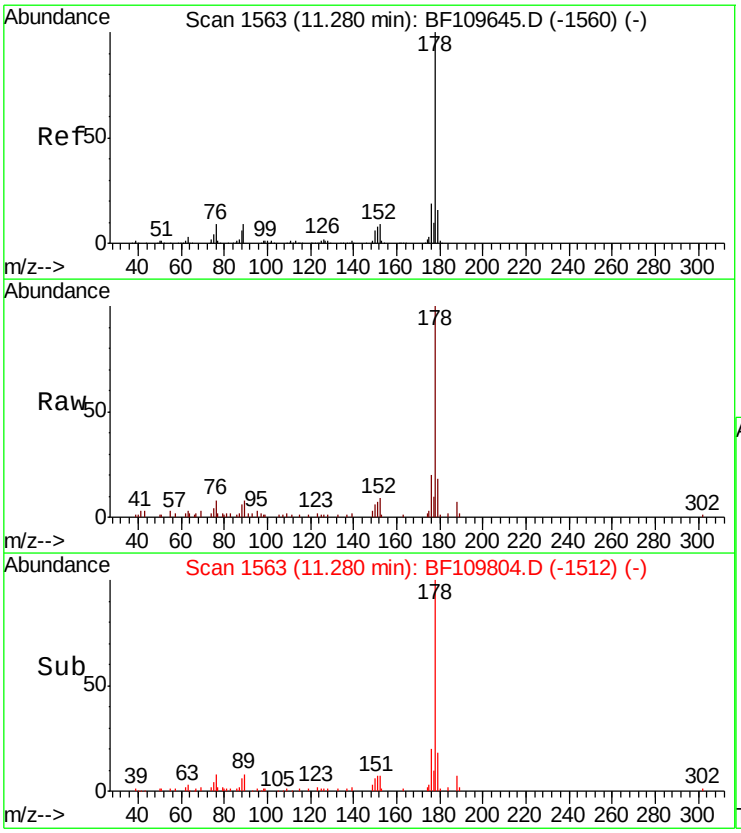
#70
Phenanthrene
Concen: 14.342 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:178 Resp: 134131

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.1	12.5	18.7

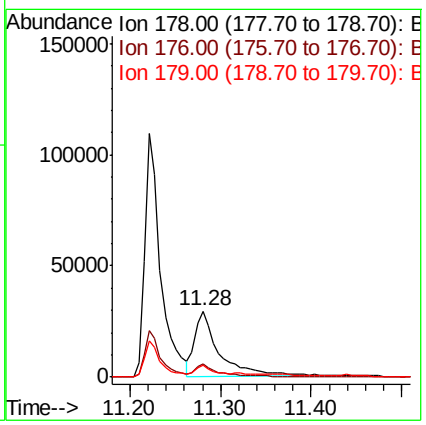


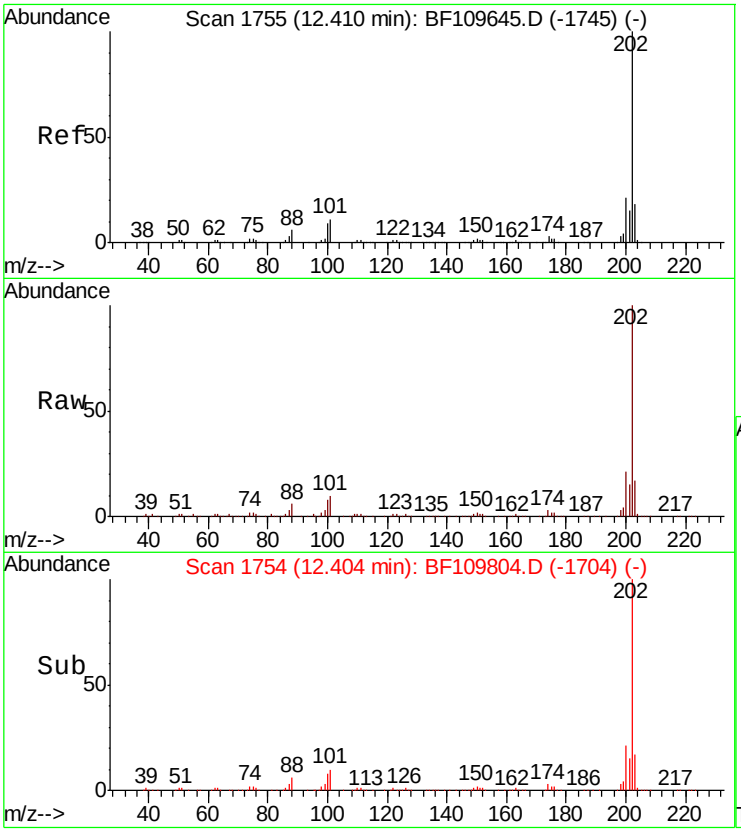


#71
Anthracene
Concen: 5.693 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:178 Resp: 55040

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	18.0	12.6	18.8



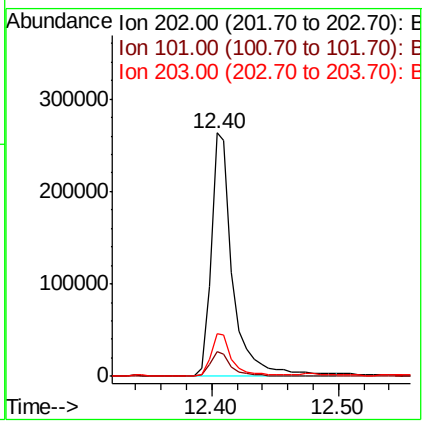


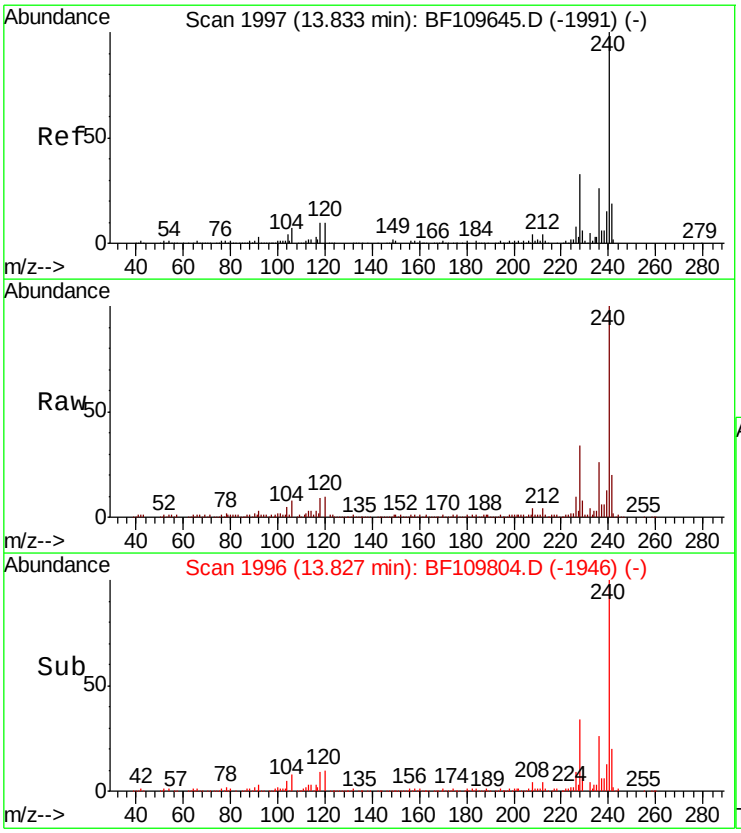
#74
Fluoranthene
Concen: 32.177 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:202 Resp: 314384

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	17.5	0.0	37.7

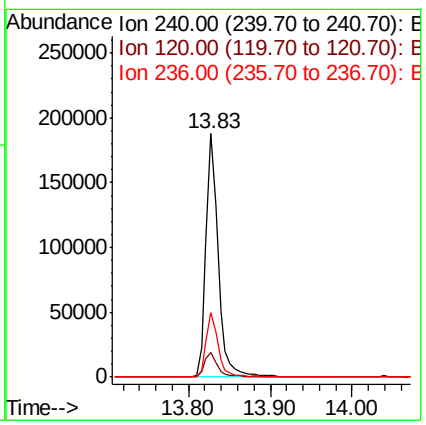


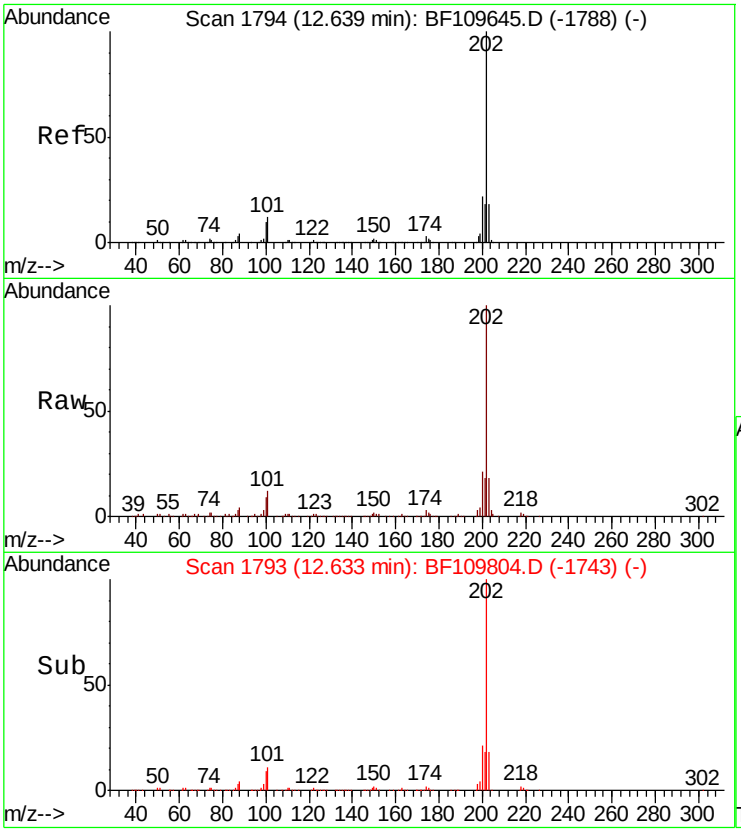


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:240 Resp: 197682

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	26.3	21.2	31.8



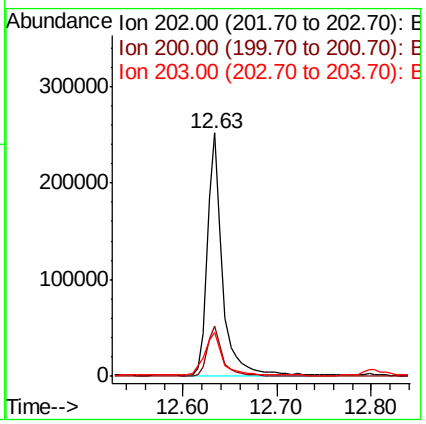


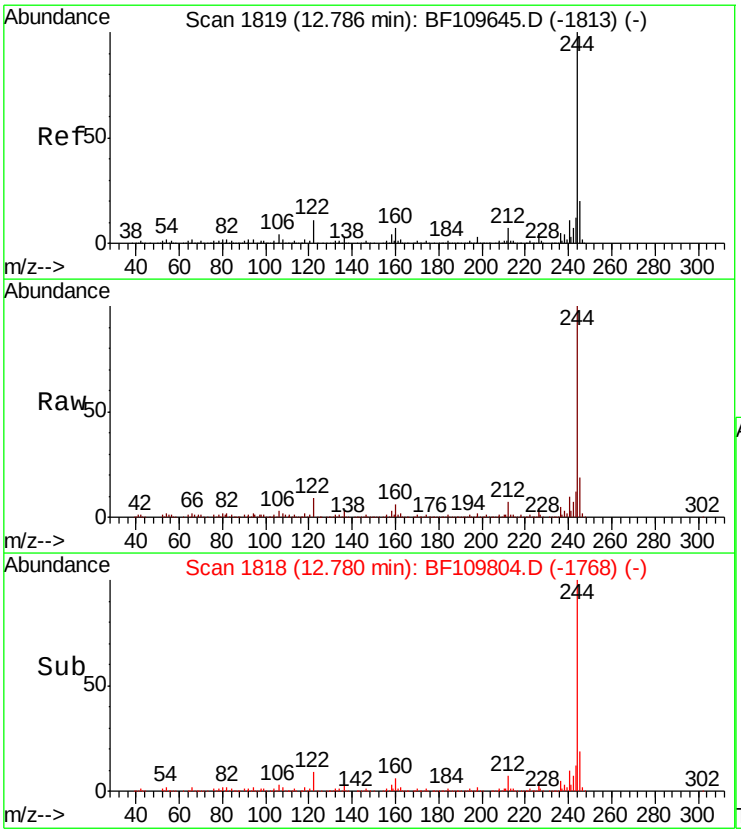
#77
Pyrene
Concen: 19.461 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:202 Resp: 281862

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	18.0	14.2	21.4

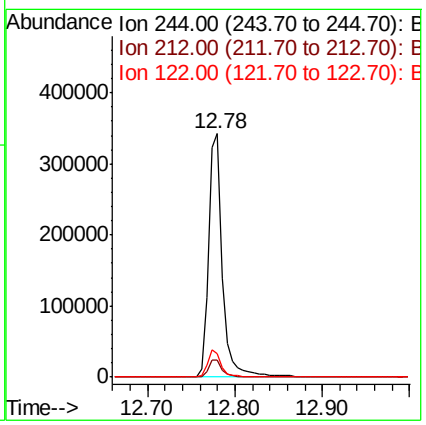


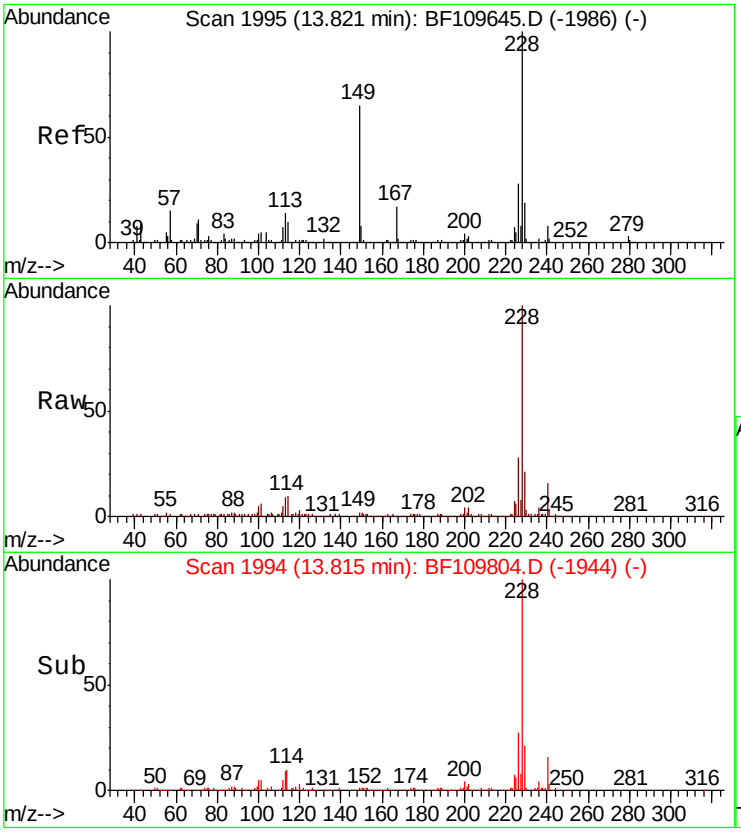


#78
Terphenyl-d14
Concen: 36.772 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:244 Resp: 375500

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.4	8.7	13.1



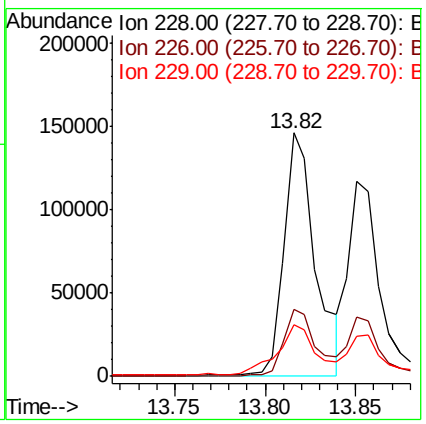


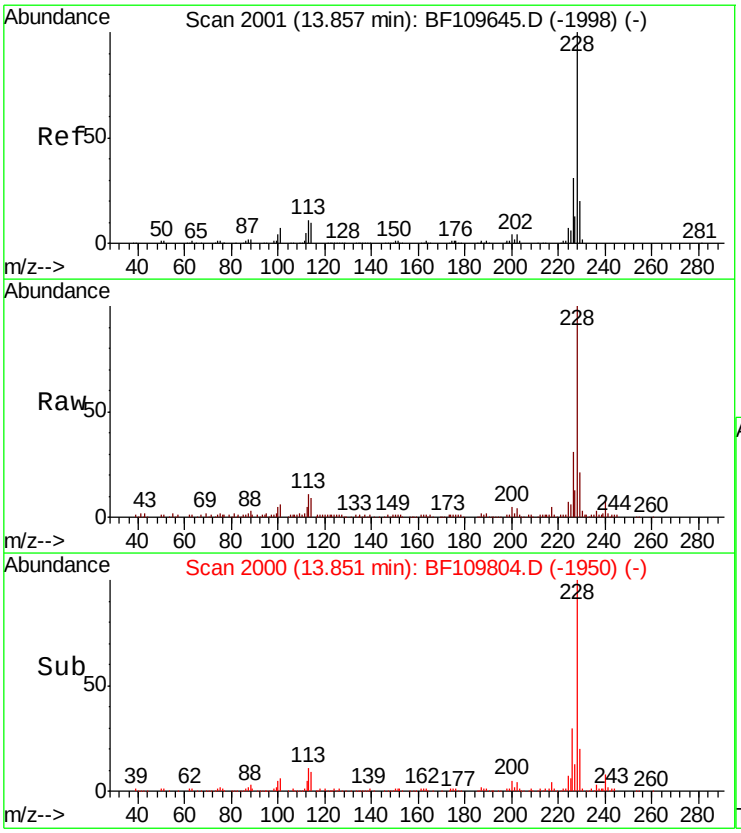
#80
Benzo(a)anthracene
Concen: 16.210 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:228 Resp: 176828

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	21.0	15.6	23.4

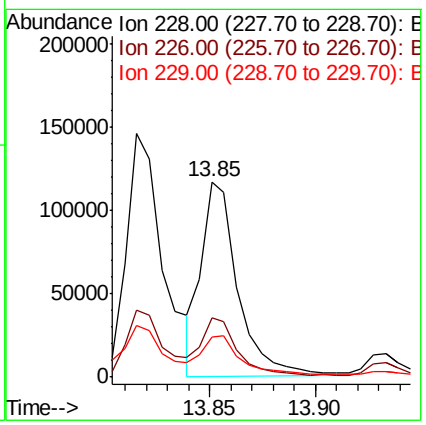


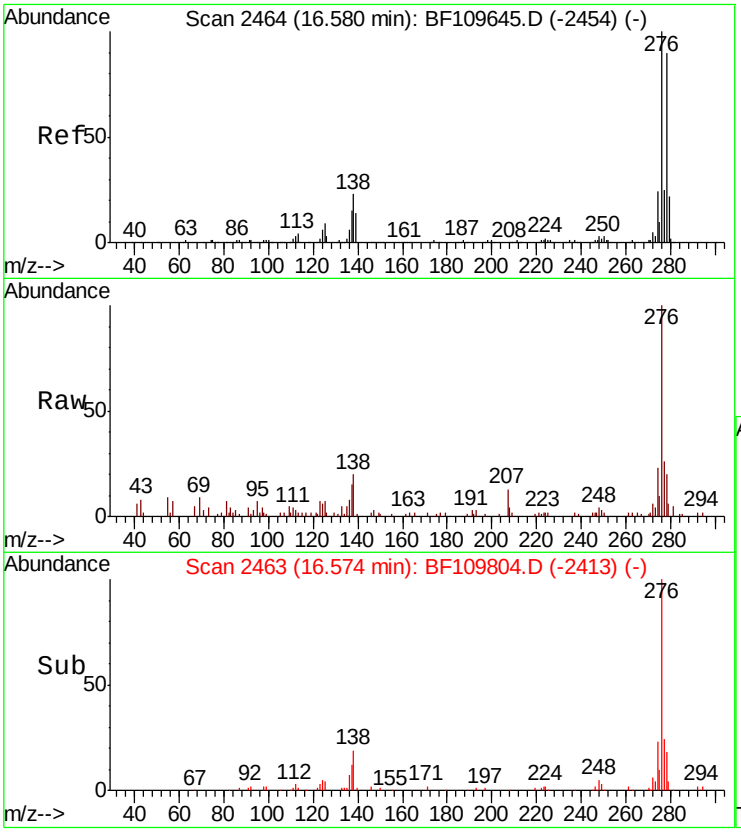


#82
Chrysene
Concen: 12.301 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:228 Resp: 140946

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	20.7	15.9	23.9



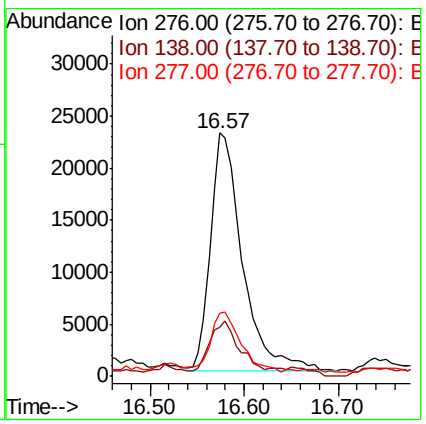


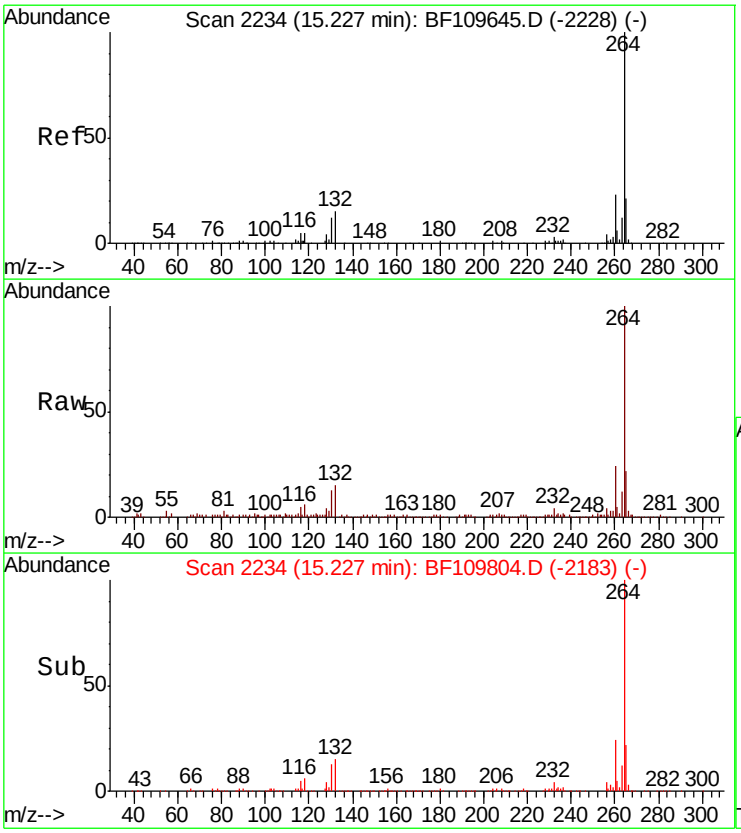
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.630 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:276 Resp: 54380

Ion	Ratio	Lower	Upper
276	100		
138	18.3	18.5	27.7#
277	23.3	20.0	30.0

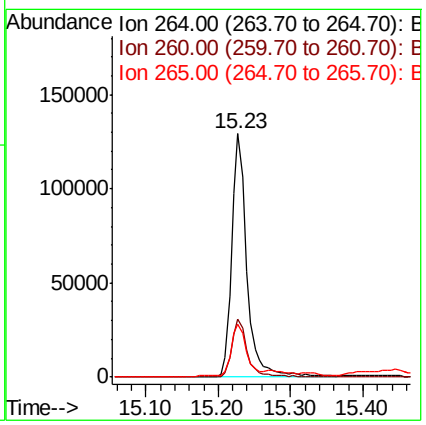


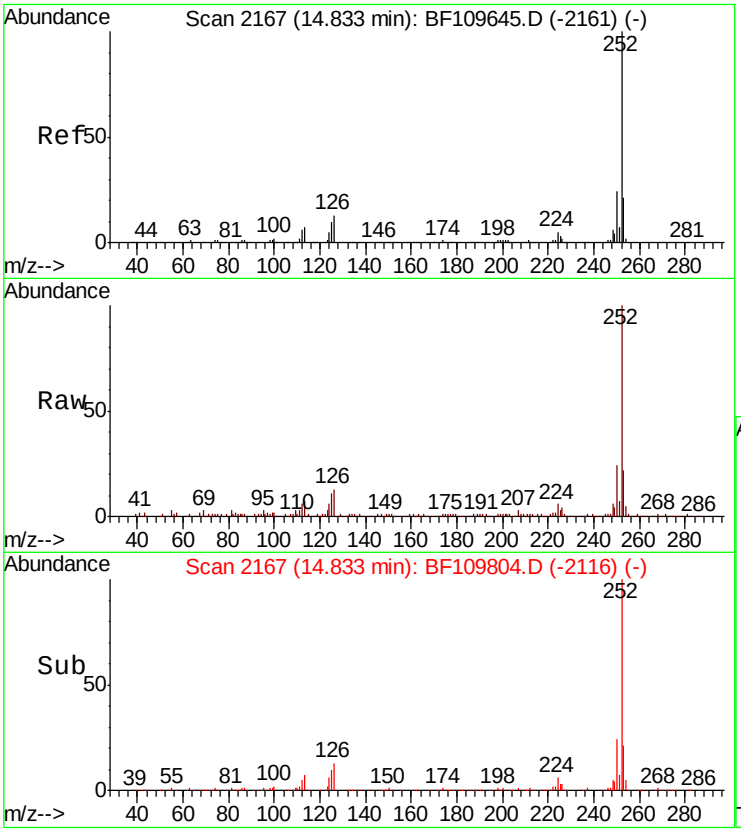


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:264 Resp: 188306

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	16.7	25.1



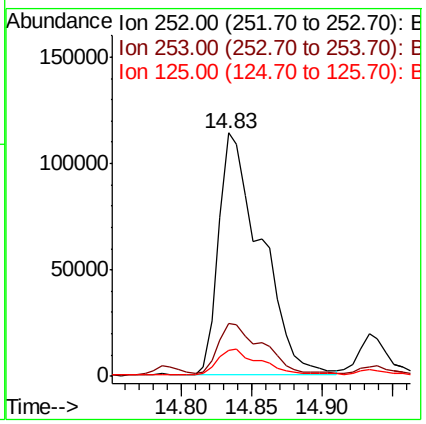


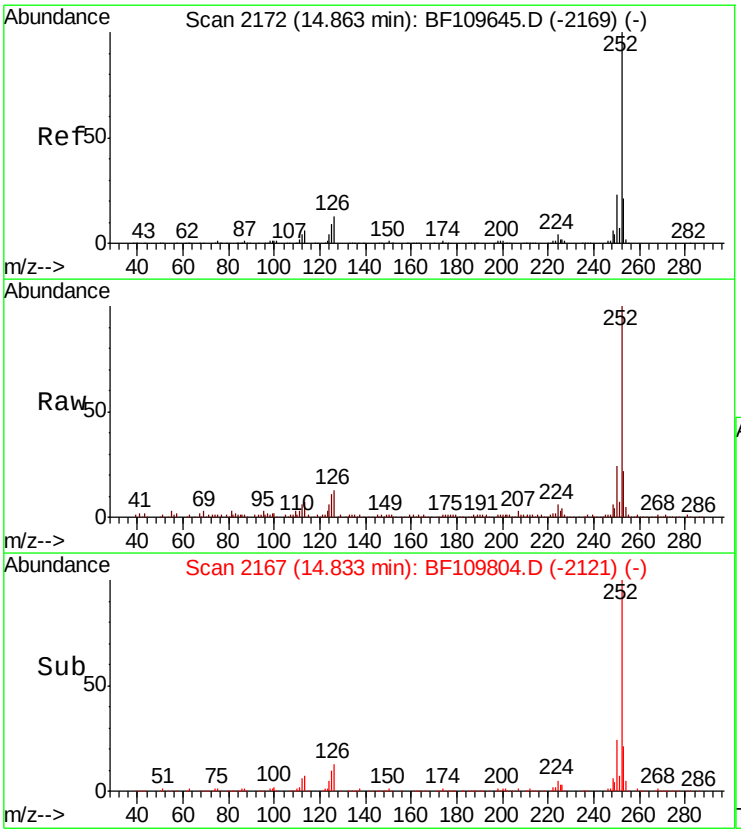
#87
Benzo(b)fluoranthene
Concen: 22.947 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:252 Resp: 238787

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.9	8.2	12.4

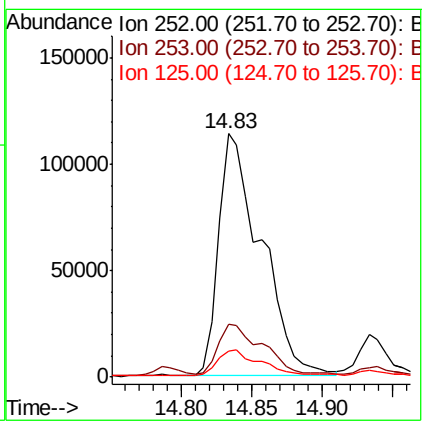


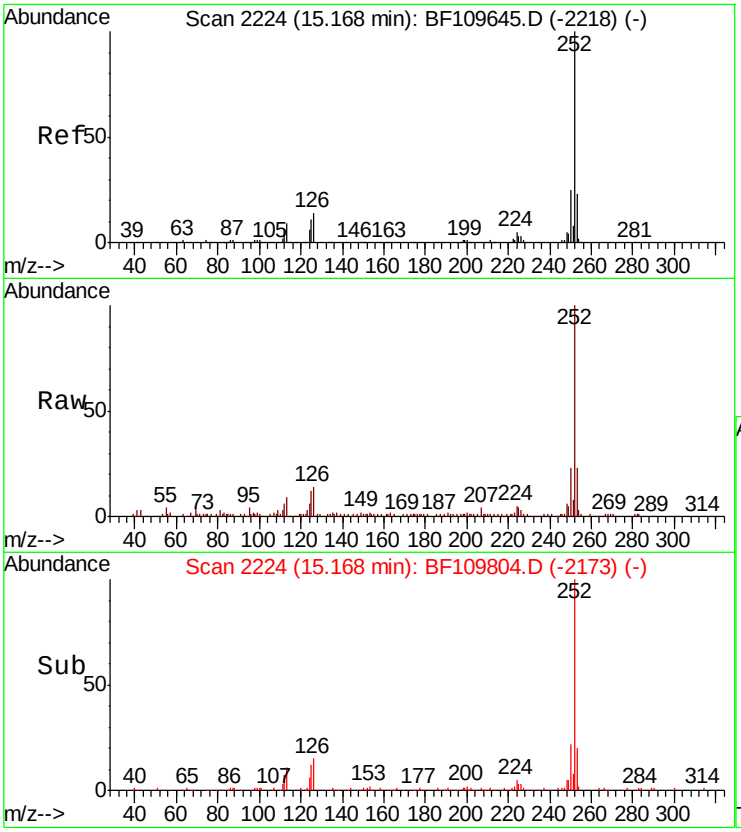


#88
Benzo(k)fluoranthene
Concen: 22.838 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:252 Resp: 238787

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.9	7.4	11.0



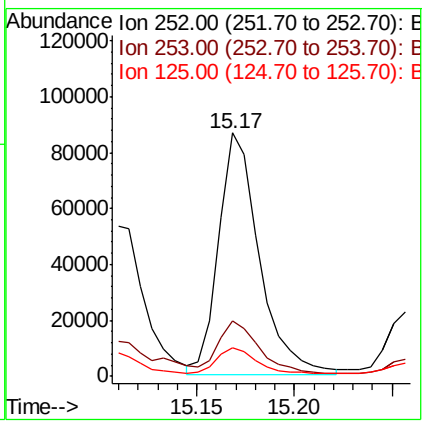


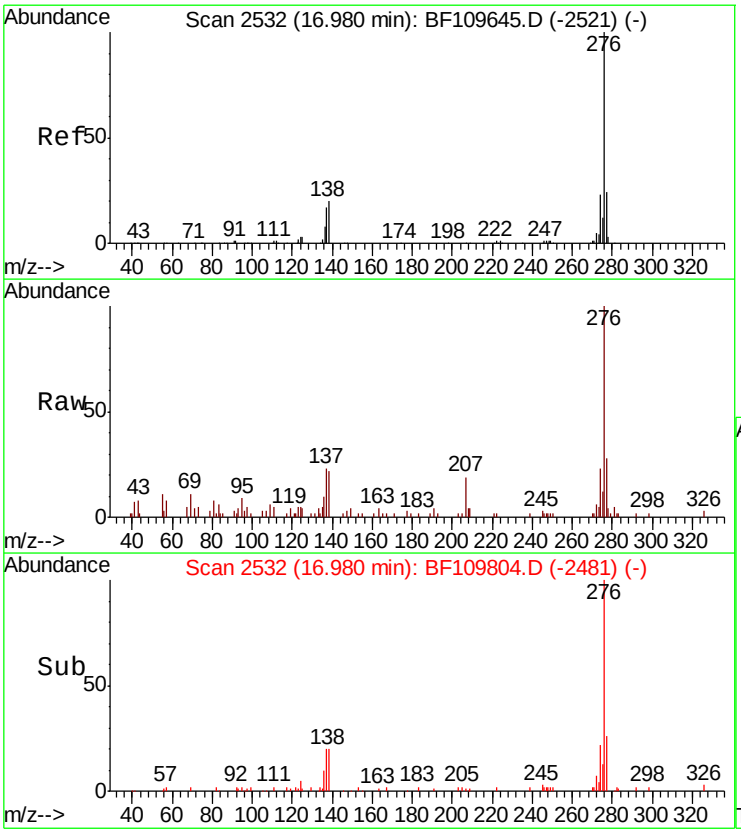
#89
Benzo(a)pyrene
Concen: 13.182 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-20

Tgt Ion:252 Resp: 124484

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.5	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 6.711 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BF109804.D
Acq: 11 Oct 2018 23:23

Tgt Ion:276 Resp: 51972

Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.8	28.2#
138	21.5	16.0	24.0