Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
Data File : BF109853.D
Acq On : 13 Oct 2018 00:35
Operator : JU/SJ
Sample : J5314-01DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-18DL

Quant Time: Oct 13 03:08:43 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	117398	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	476543	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	195432	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	334016	20.00	ng		0.00
75) Chrysene-d12	13.83	240	304244	20.00	ng		0.00
86) Perylene-d12	15.23	264	250473	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	183295	27.71	ng		-0.01
7) Phenol-d6	6.34	99	251277	28.44	ng		-0.02
23) Nitrobenzene-d5	7.26	82	179675	20.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	50883	23.89	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	260082	18.33	ng		-0.01
78) Terphenyl-d14	12.77	244	213212	13.57	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	19046	3.074	ng	#	79
25) Isophorone	7.26	82	180165	12.550	ng	#	67
50) 2,6-Dinitrotoluene	9.72	165	24817	7.988	ng	#	23
51) Acenaphthene	9.75	154	29665	2.624	ng		96
55) 4-Nitrophenol	9.93	139	6570	3.446	ng	#	6
56) 2,4-Dinitrotoluene	9.72	165	24946	6.434	ng	#	19
70) Phenanthrene	11.22	178	299957	17.945	ng		99
71) Anthracene	11.28	178	99231	5.743	ng		98
74) Fluoranthene	12.41	202	472528	27.060	ng		97
77) Pyrene	12.63	202	429720	19.278	ng		98
80) Benzo(a)anthracene	13.82	228	221224	13.176	ng		99
82) Chrysene	13.86	228	185777	10.534	ng		97
85) Indeno(1,2,3-cd)pyrene	16.58	276	60456	4.789	ng	#	95
87) Benzo(b)fluoranthene	14.84	252	246196	17.787	ng		97
88) Benzo(k)fluoranthene	14.84	252	246196	17.703	ng		96
89) Benzo(a)pyrene	15.17	252	134292	10.691	ng		98
91) Benzo(g,h,i)perylene	16.98	276	63663	6.180	ng		95

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

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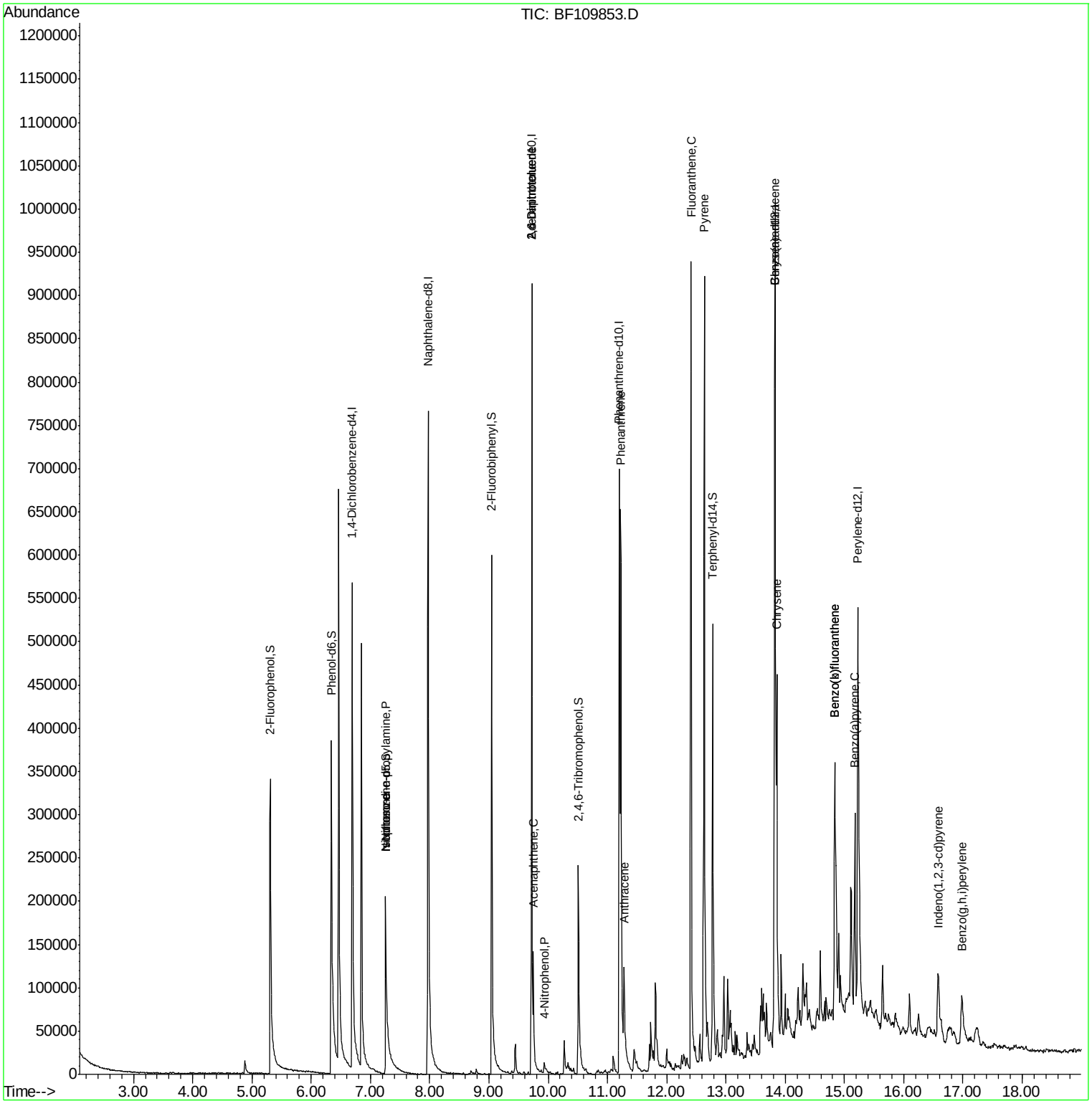
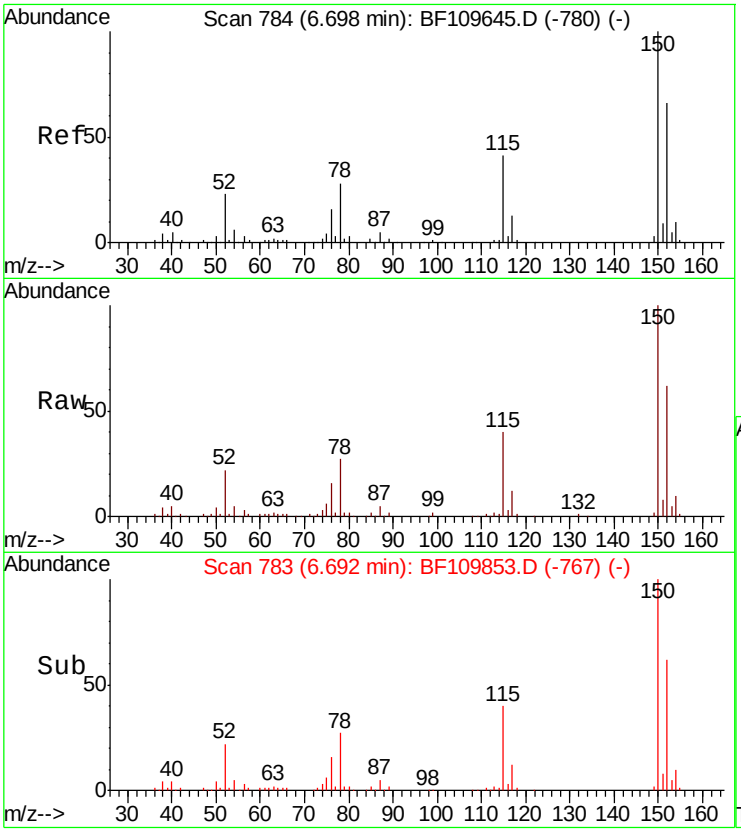


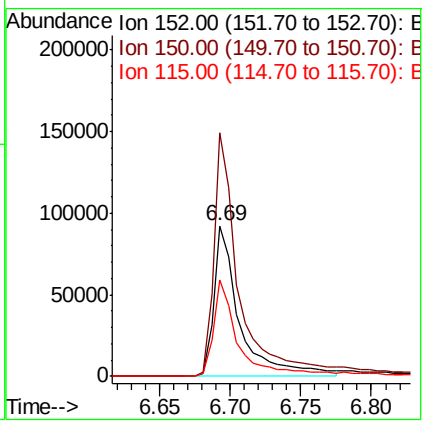


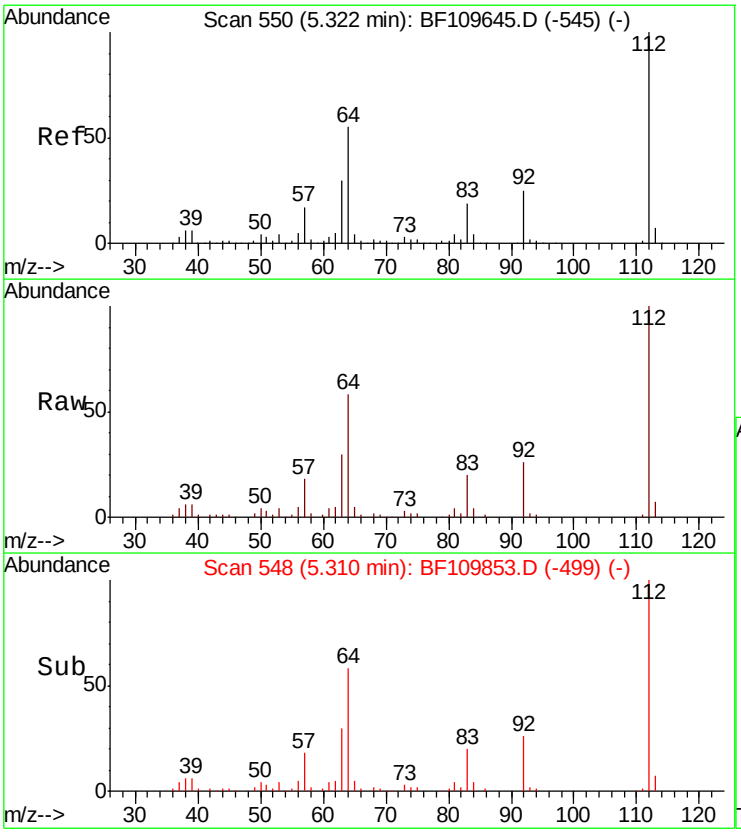
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:152 Resp: 117398

Ion	Ratio	Lower	Upper
152	100		
150	162.1	122.7	184.1
115	64.4	49.1	73.7

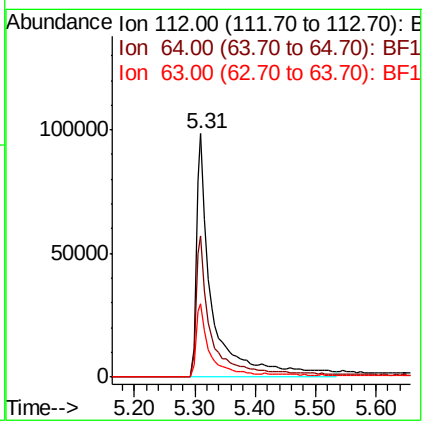


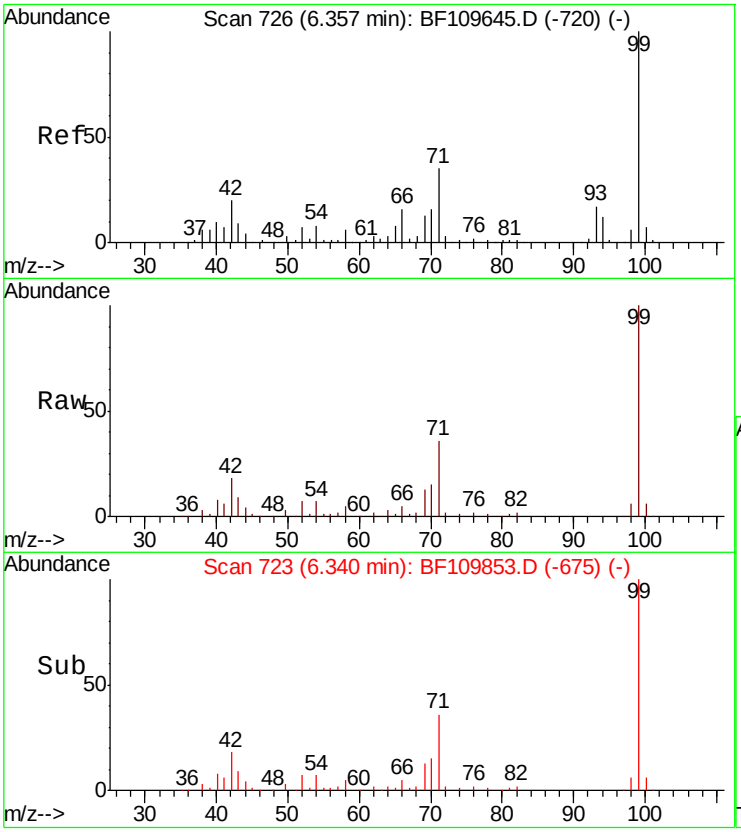


#5
2-Fluorophenol
Concen: 27.714 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:112 Resp: 183295

Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.1	66.1
63	30.3	23.7	35.5



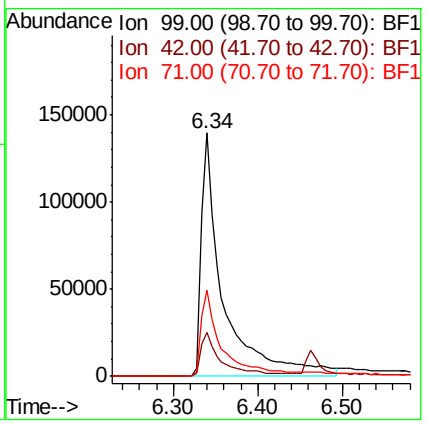


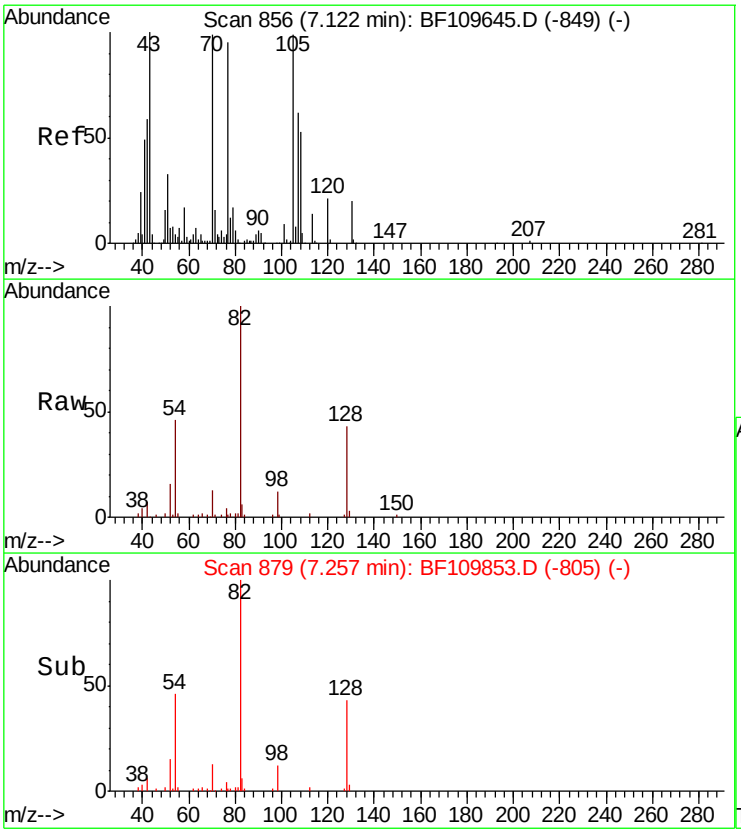
#7
Phenol-d6
Concen: 28.440 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion: 99 Resp: 251277

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	35.5	28.0	42.0

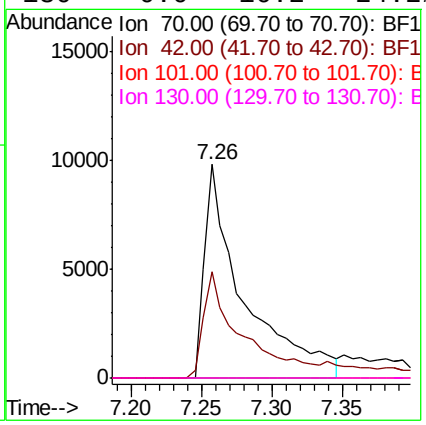


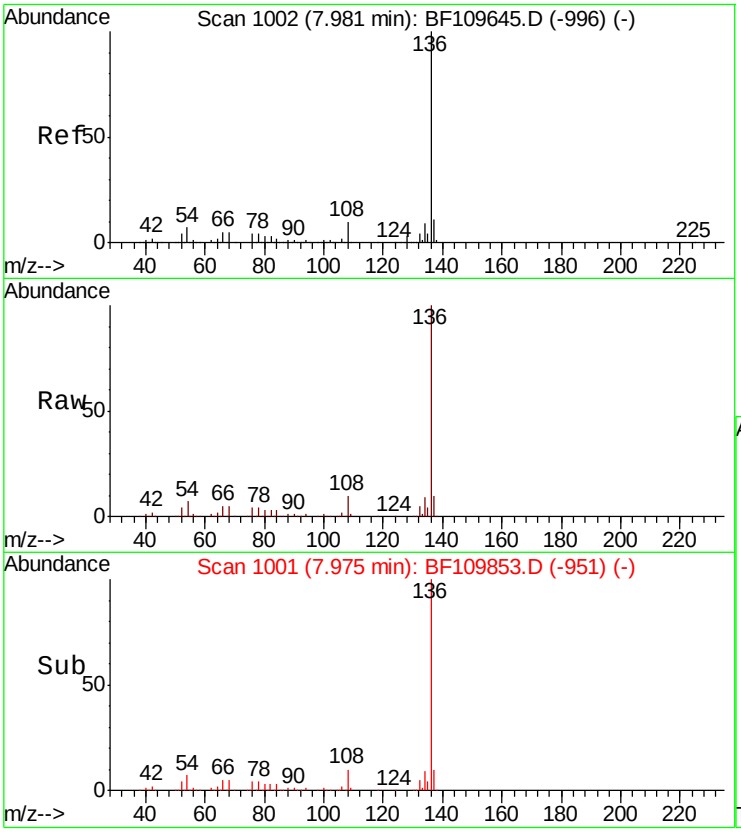


#19
n-Nitroso-di-n-propylamine
Concen: 3.074 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion: 70 Resp: 19046

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



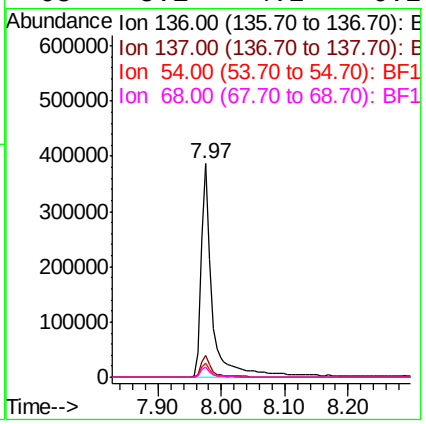


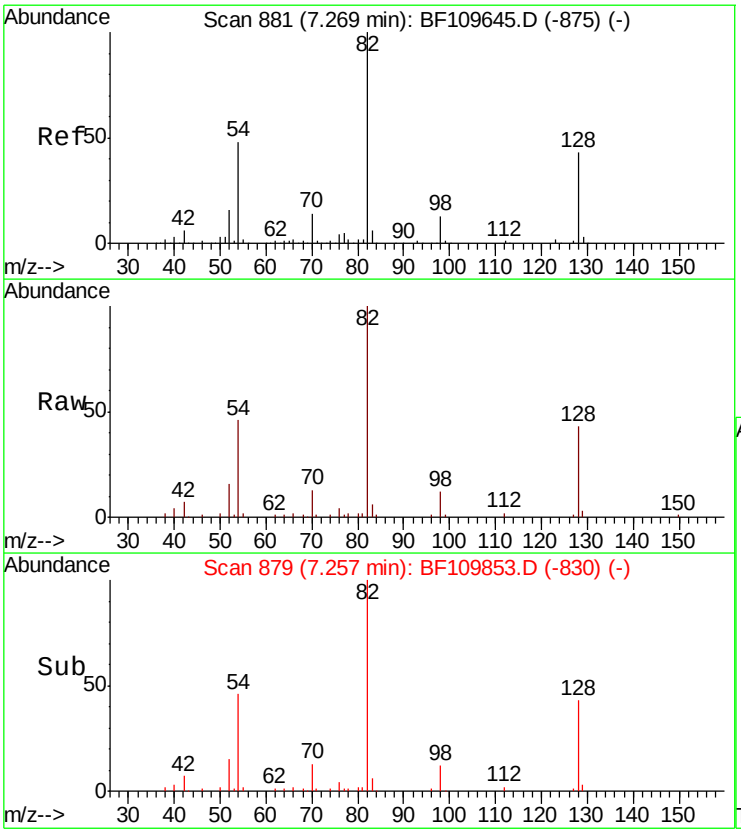
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:136 Resp: 476543

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.8	5.4	8.2
68	5.1	4.2	6.2

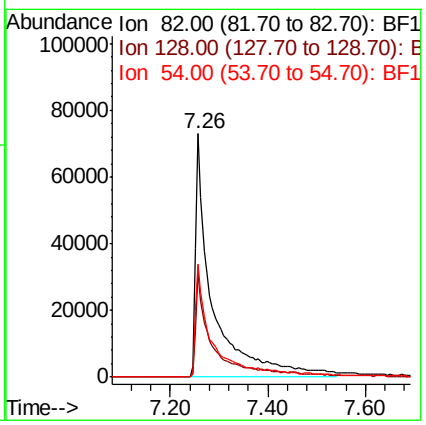


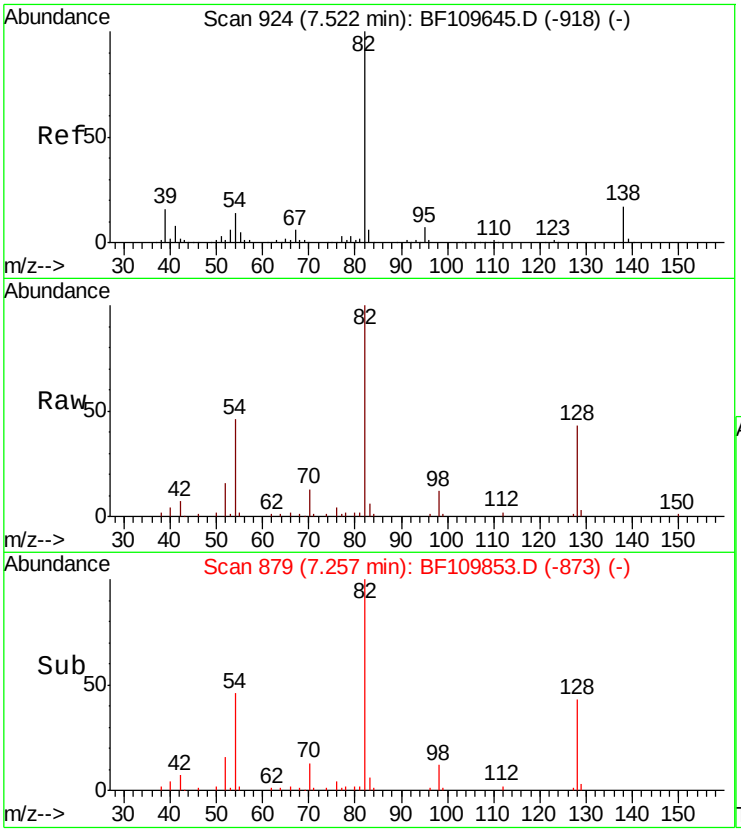


#23
Nitrobenzene-d5
Concen: 20.784 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion: 82 Resp: 179675

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.2	51.2
54	46.5	38.6	58.0



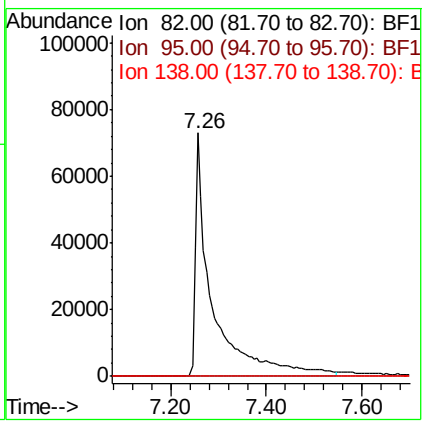


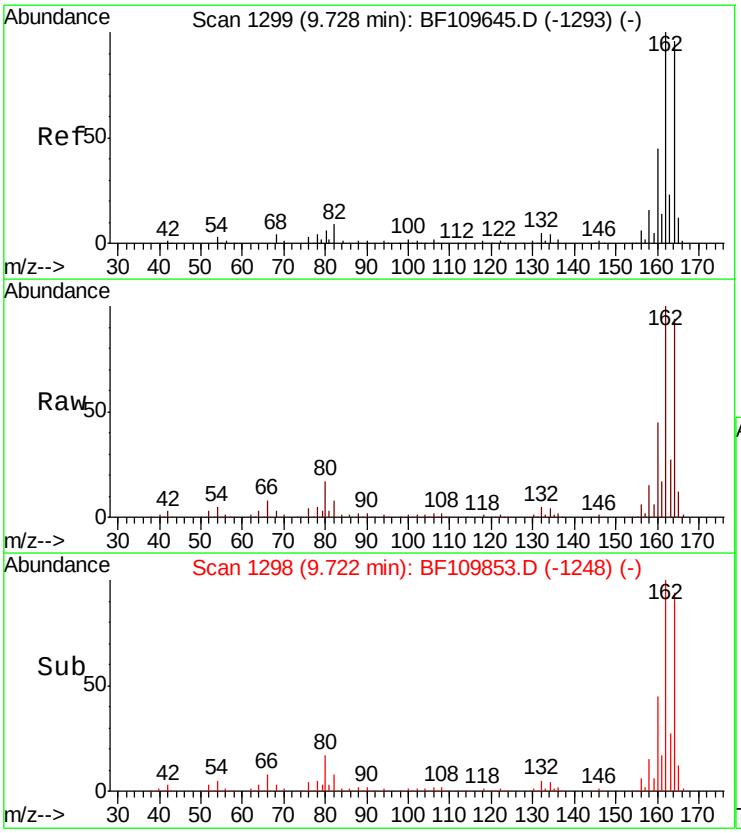
#25
Isophorone
Concen: 12.550 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion: 82 Resp: 180165

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

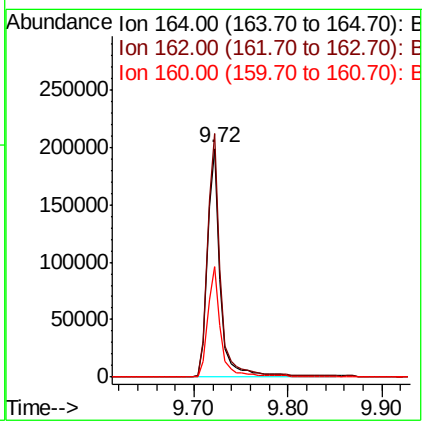


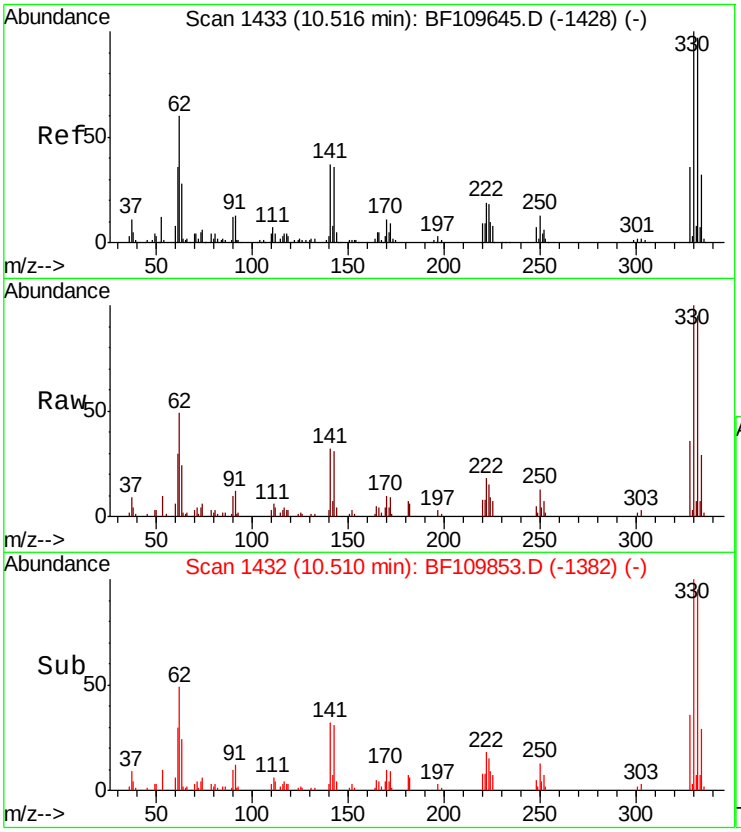


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:164 Resp: 195432

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.0	124.6
160	48.2	37.0	55.6



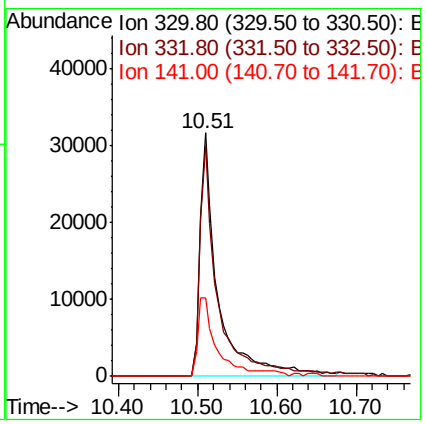


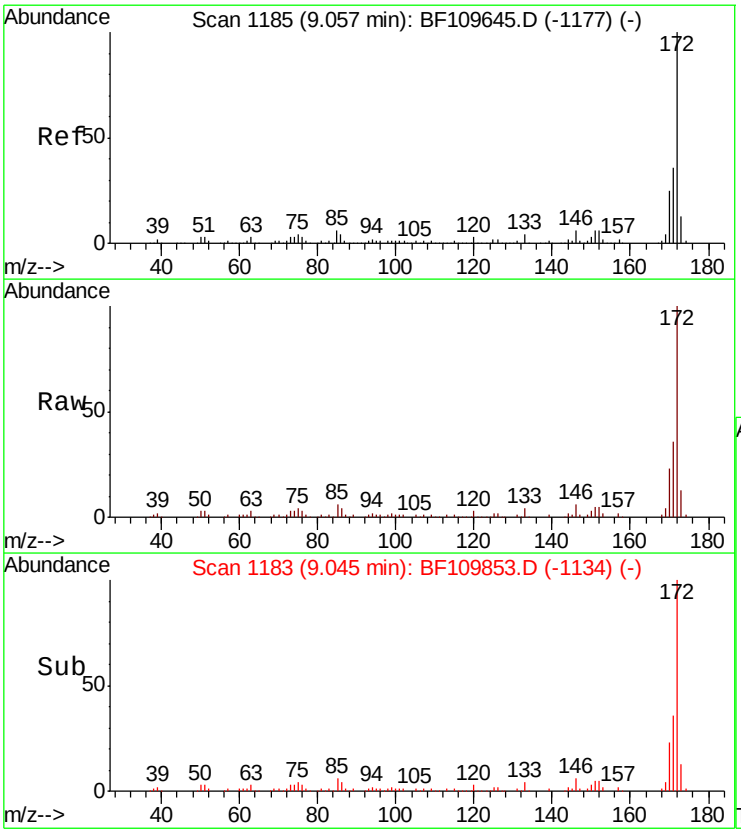
#41
2,4,6-Tribromophenol
Concen: 23.895 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:330 Resp: 50883

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	33.1	27.0	40.4

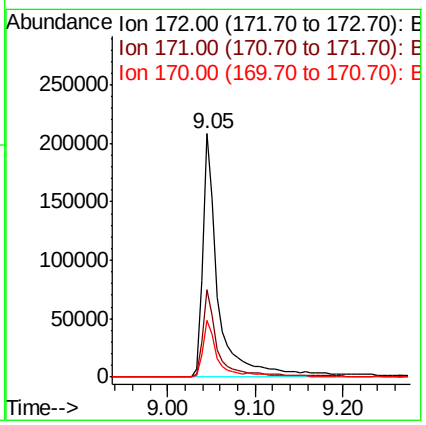


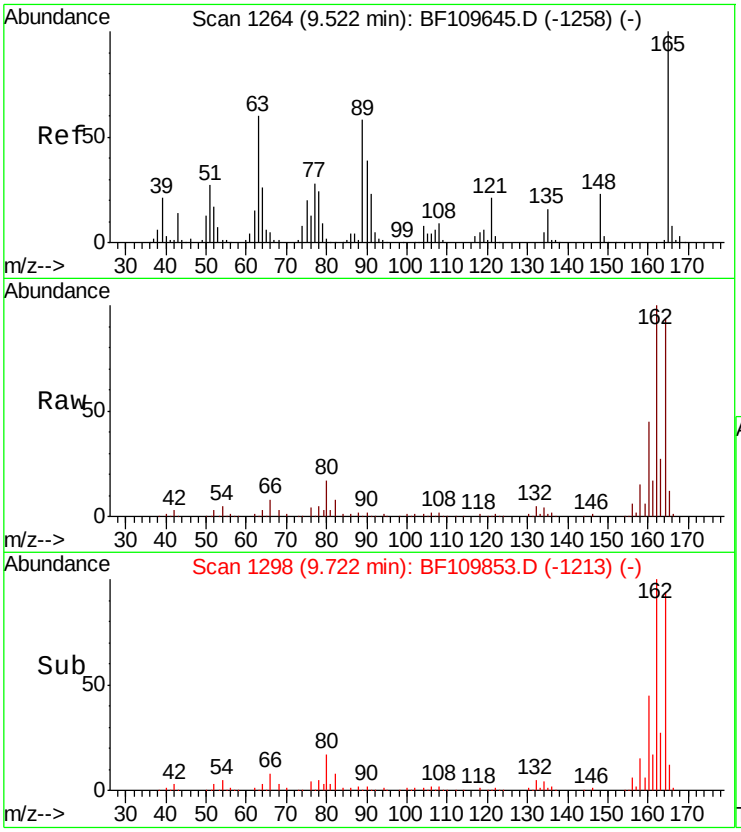


#44
2-Fluorobiphenyl
Concen: 18.329 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:172 Resp: 260082

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.1	19.7	29.5



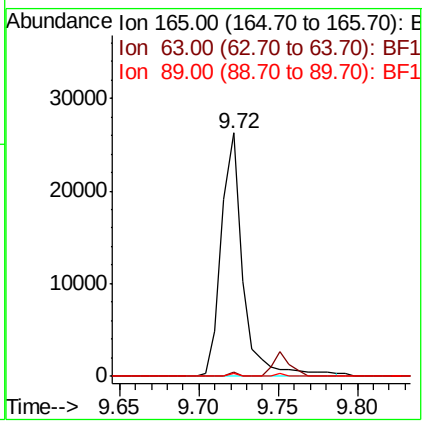


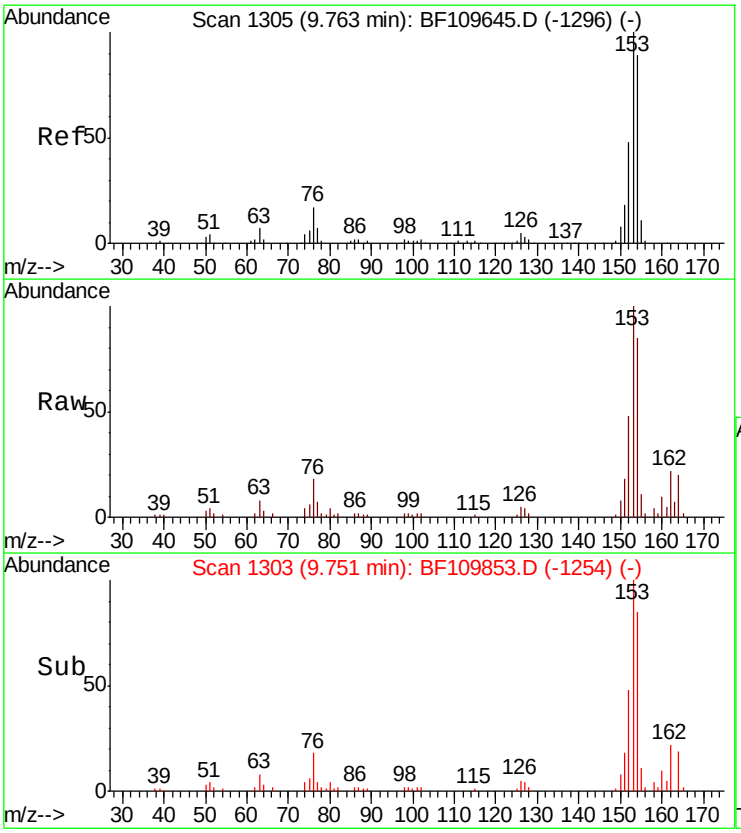
#50
2,6-Dinitrotoluene
Concen: 7.988 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:165 Resp: 24817

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.4	46.6	69.8#

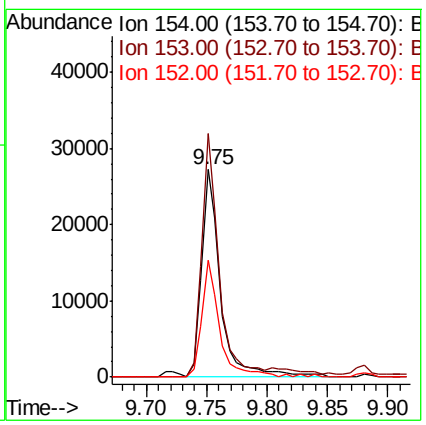


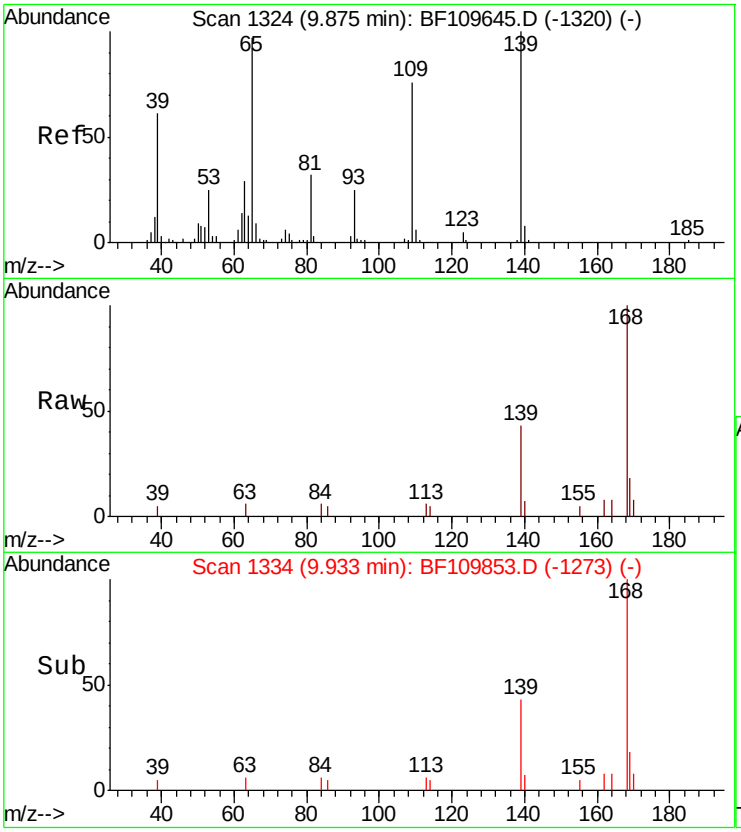


#51
Acenaphthene
Concen: 2.624 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:154 Resp: 29665

Ion	Ratio	Lower	Upper
154	100		
153	117.5	90.1	135.1
152	56.4	43.4	65.2



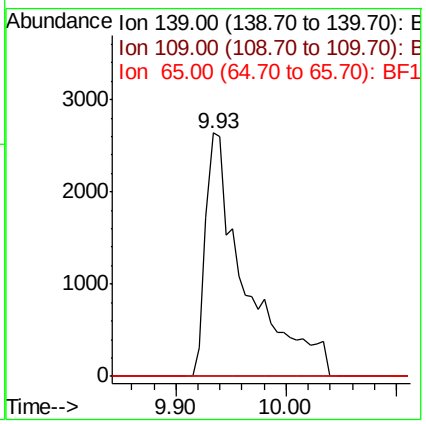


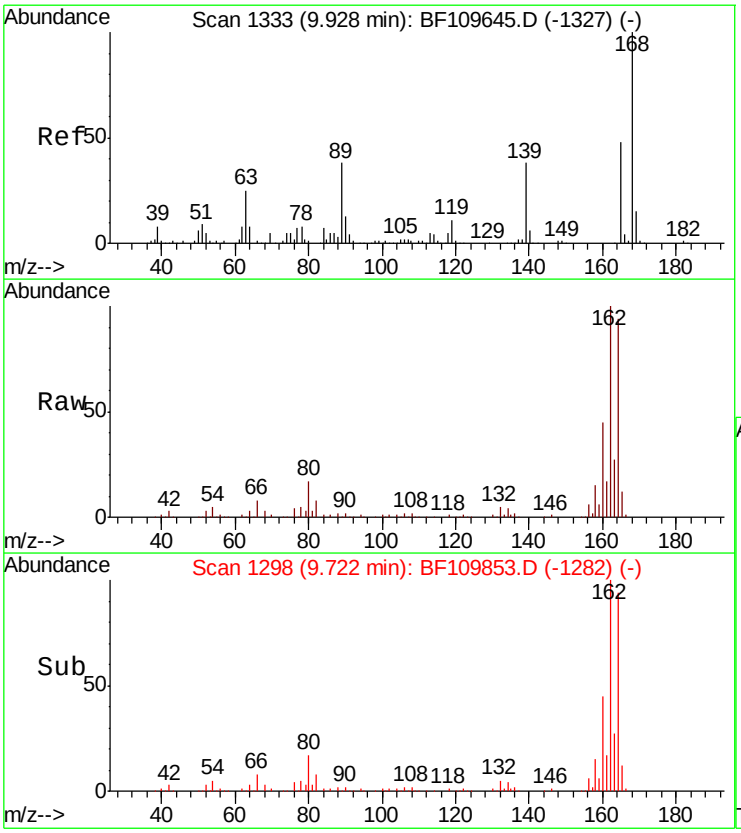
#55
4-Nitrophenol
Concen: 3.446 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.06 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:139 Resp: 6570

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

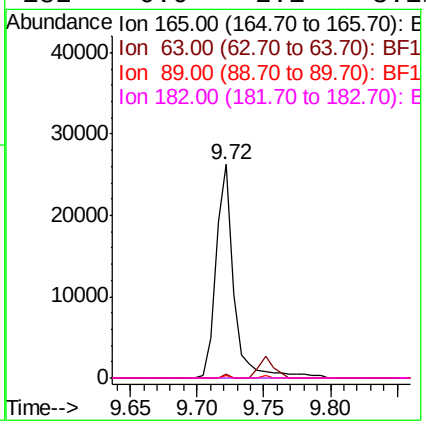


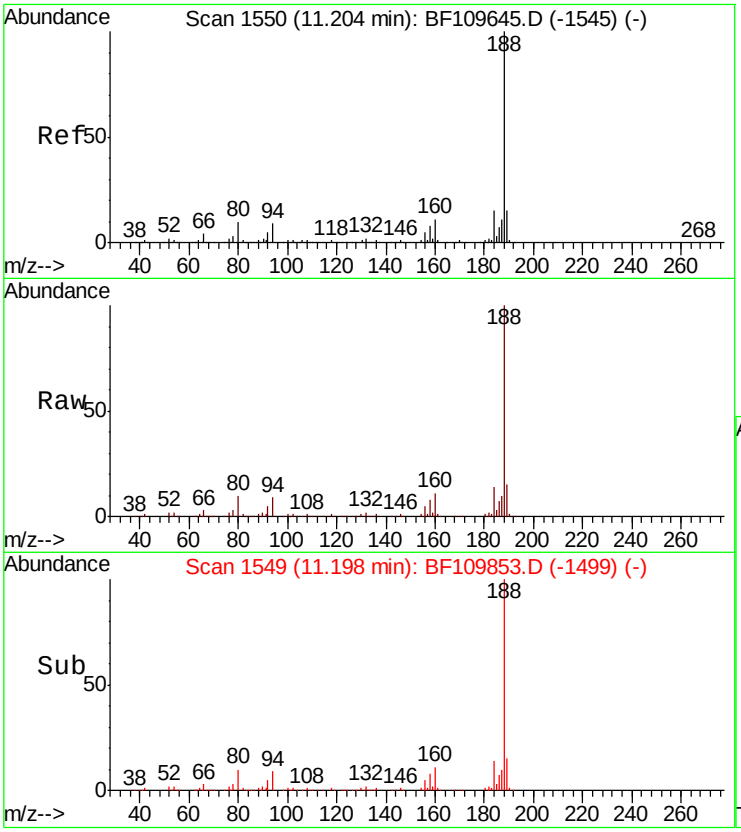


#56
2,4-Dinitrotoluene
Concen: 6.434 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:165 Resp: 24946

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#



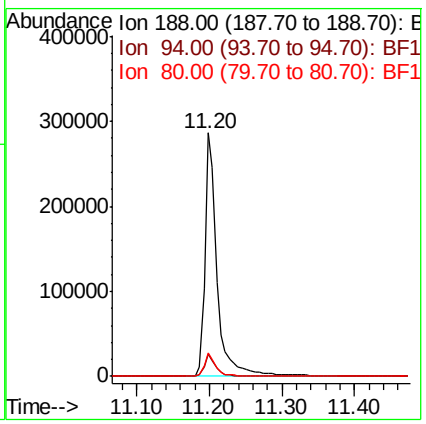


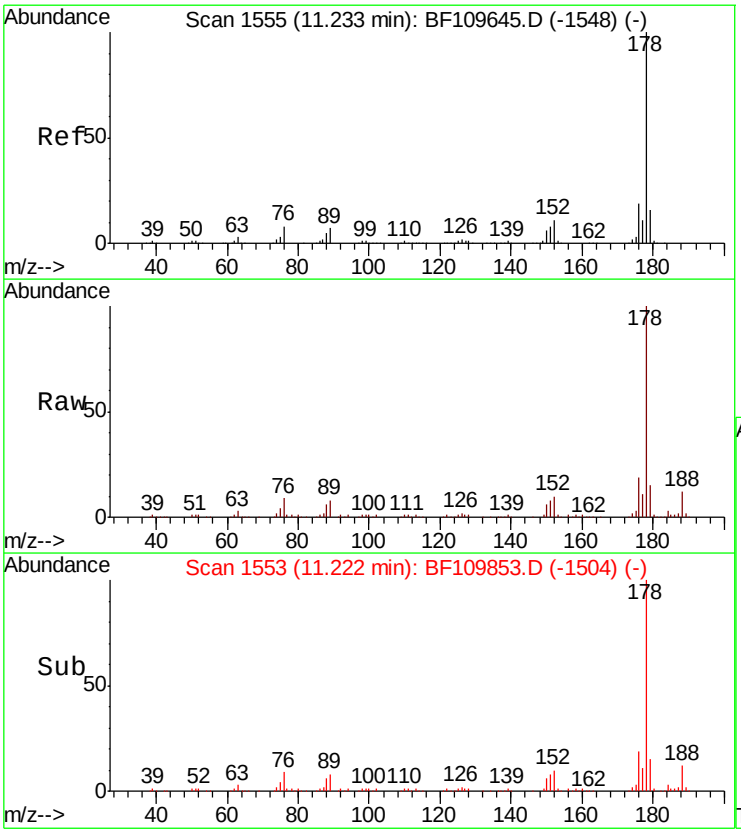
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:188 Resp: 334016

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.6	7.9	11.9

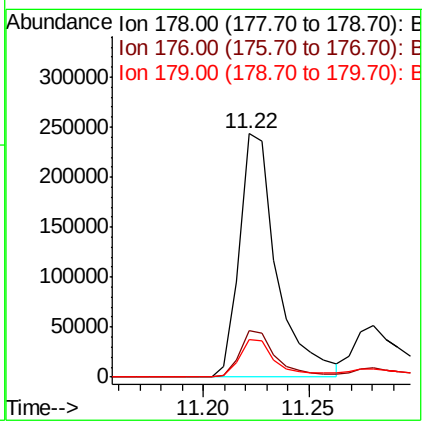


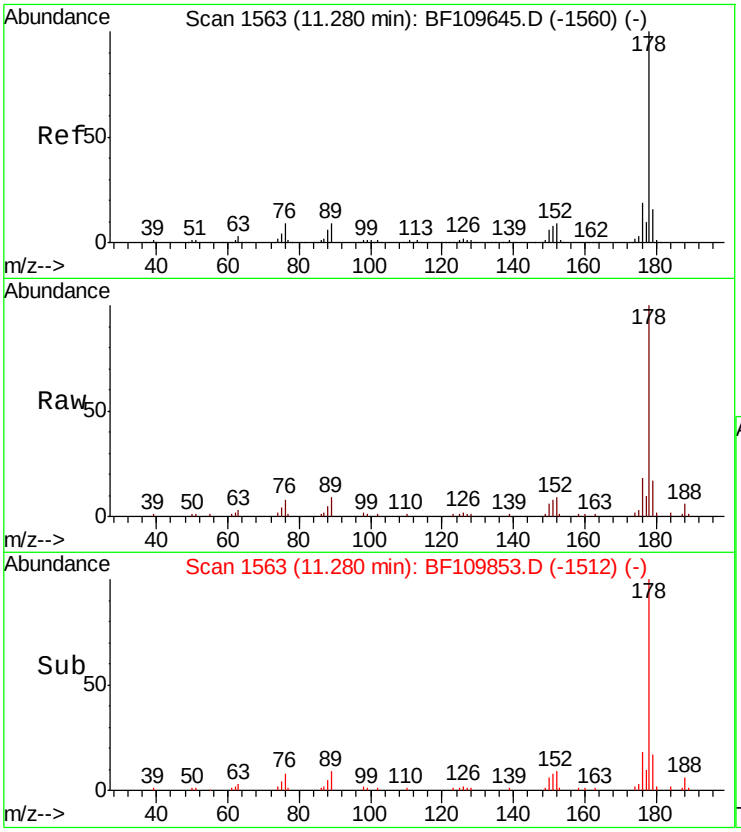


#70
Phenanthrene
Concen: 17.945 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:178 Resp: 299957

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.2	12.5	18.7



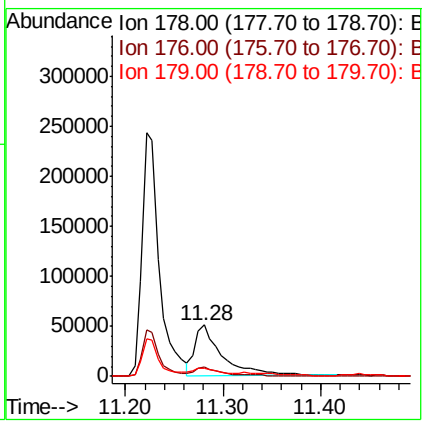


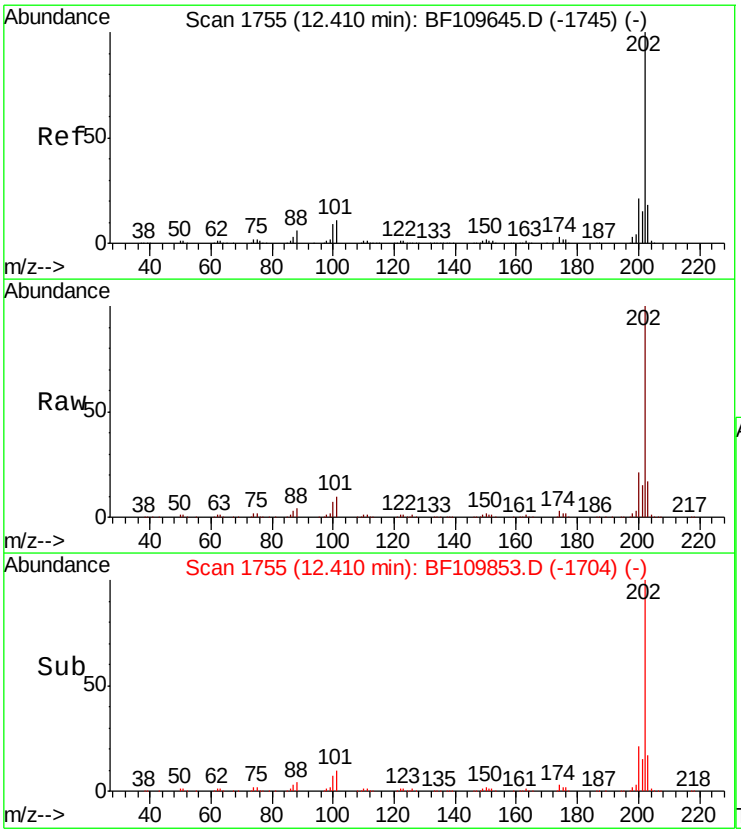
#71
Anthracene
Concen: 5.743 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:178 Resp: 99231

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	16.9	12.6	18.8

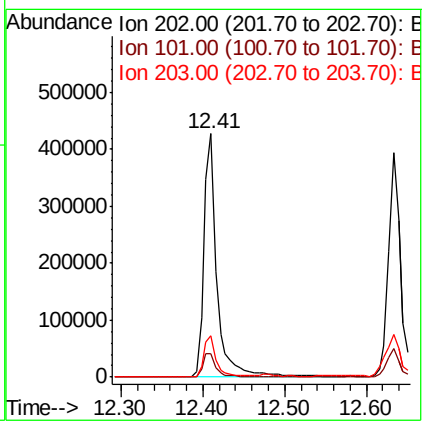


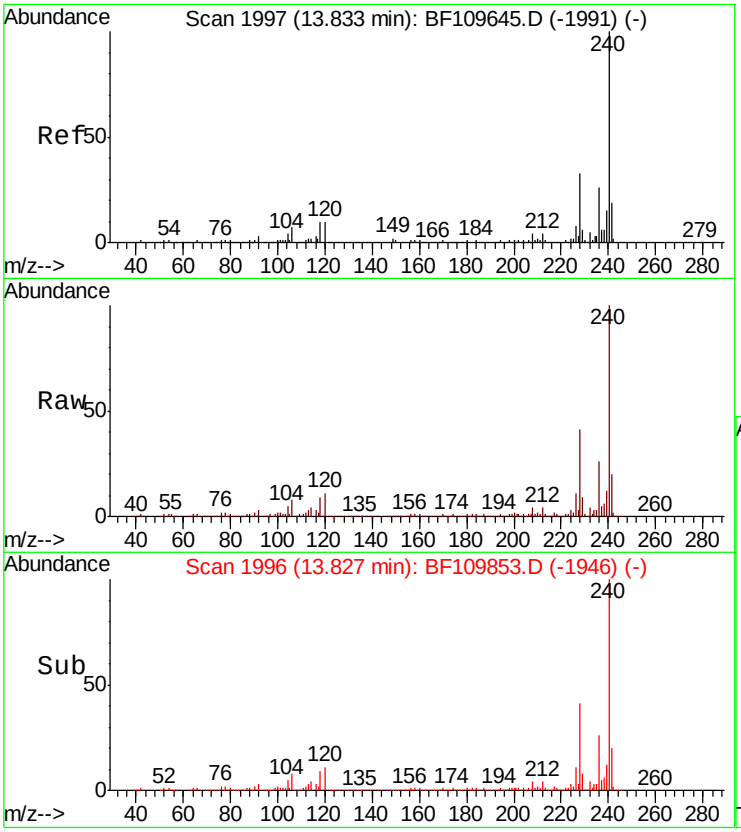


#74
Fluoranthene
Concen: 27.060 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:202 Resp: 472528

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	31.4
203	17.1	0.0	37.7



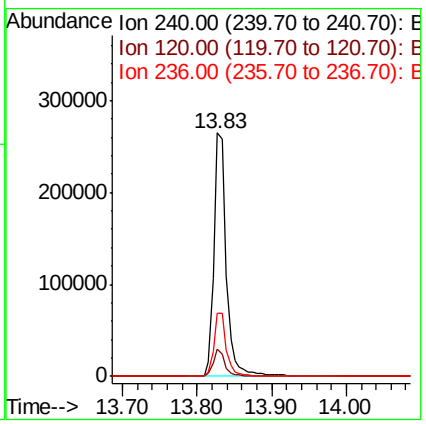


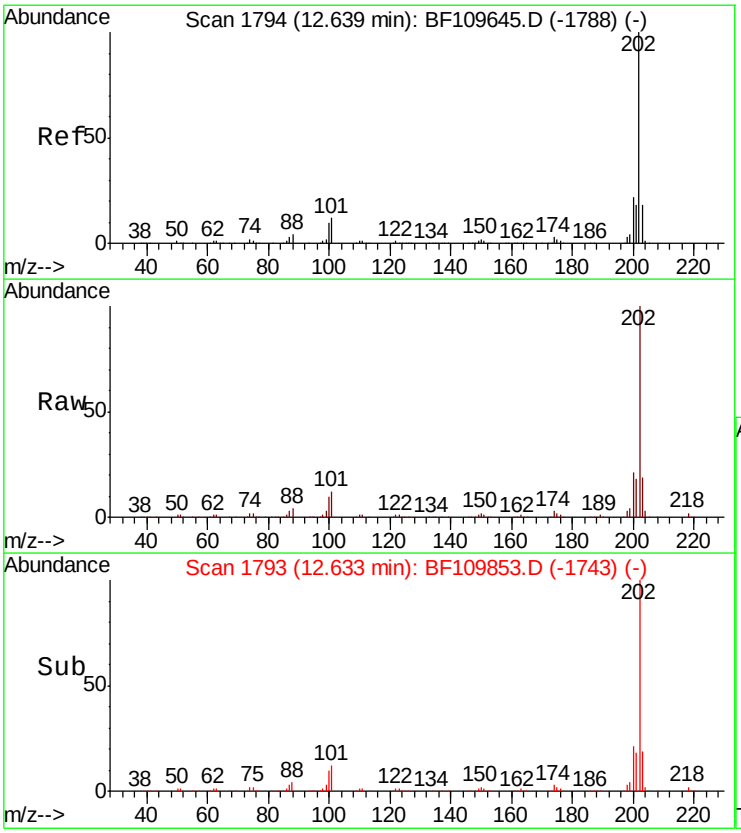
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:240 Resp: 304244

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	26.2	21.2	31.8

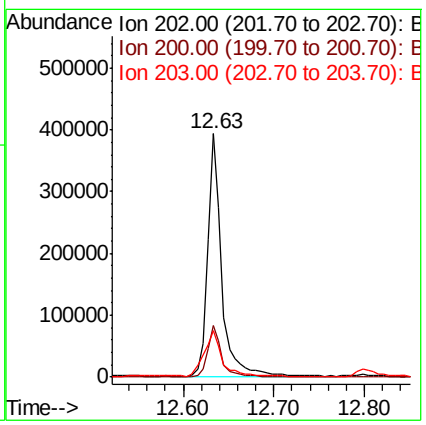


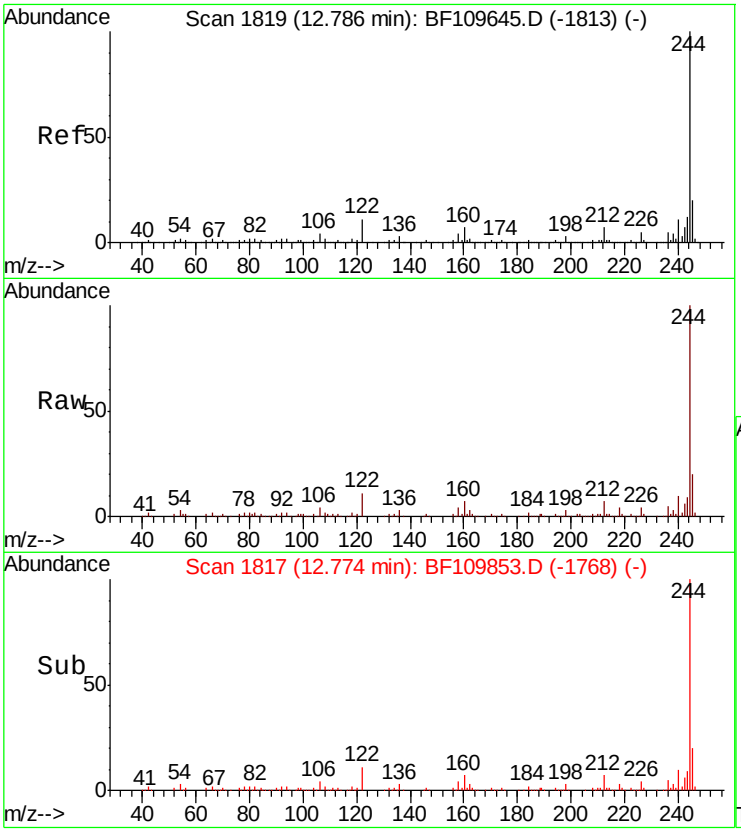


#77
Pyrene
Concen: 19.278 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:202 Resp: 429720

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	18.9	14.2	21.4



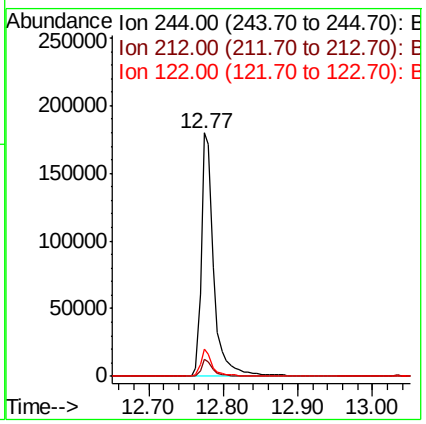


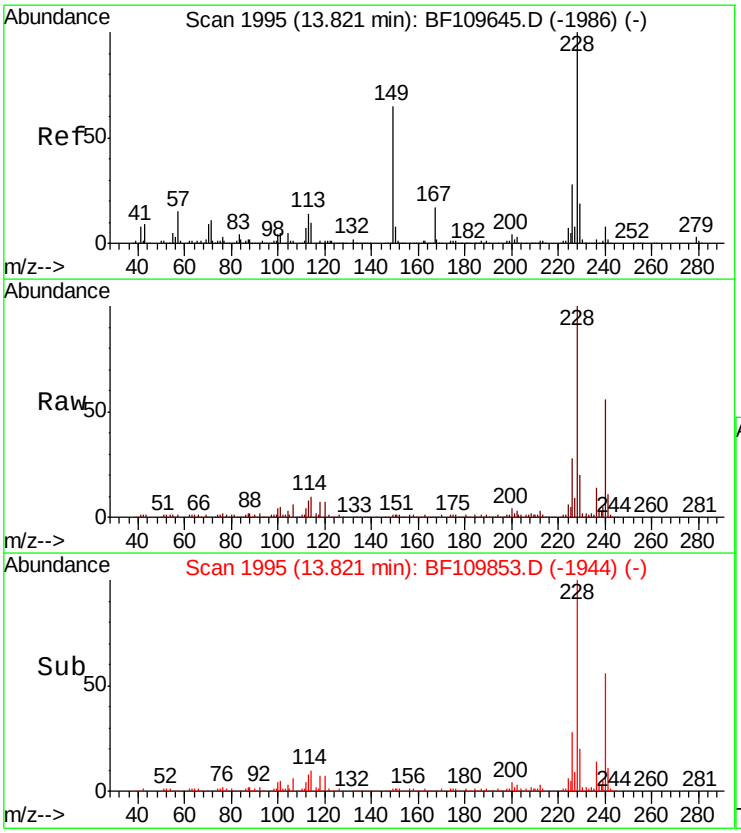
#78
Terphenyl-d14
Concen: 13.566 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:244 Resp: 213212

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.1	8.7	13.1

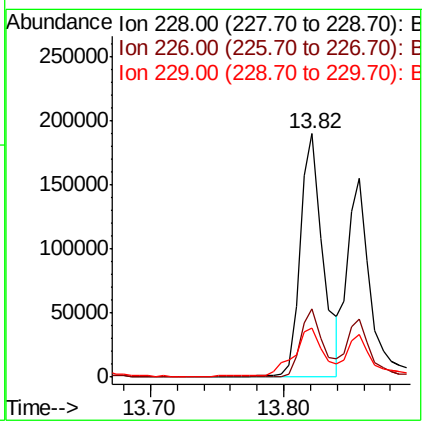


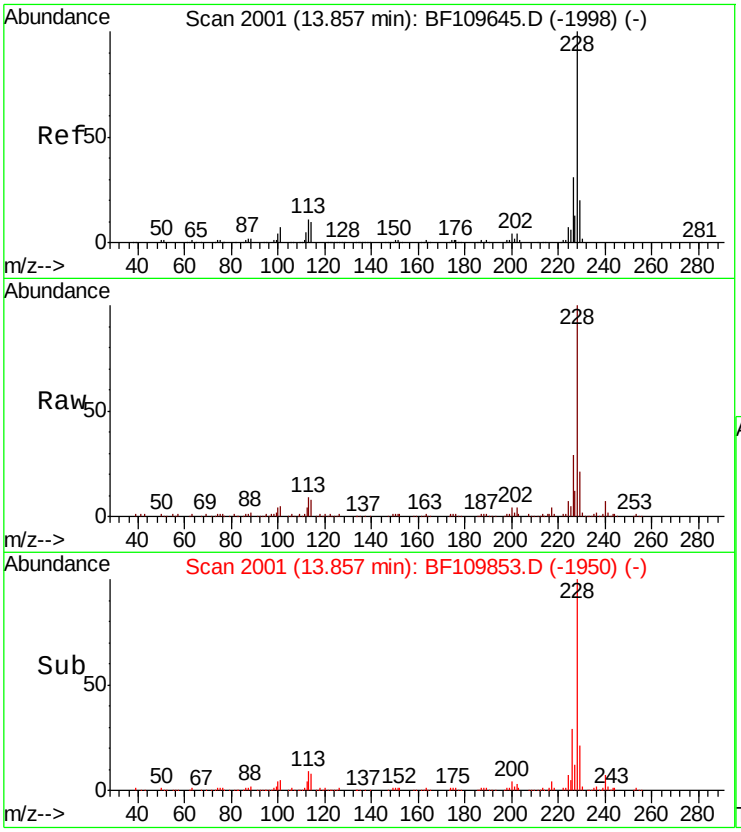


#80
Benzo(a)anthracene
Concen: 13.176 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:228 Resp: 221224

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	20.4	15.6	23.4



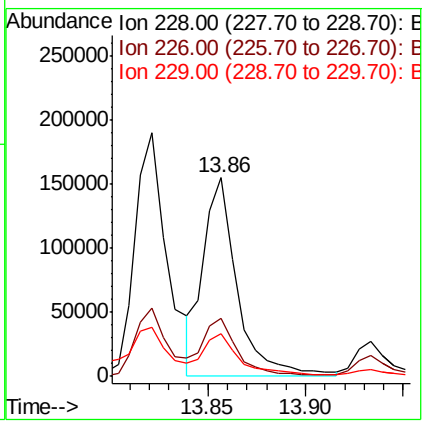


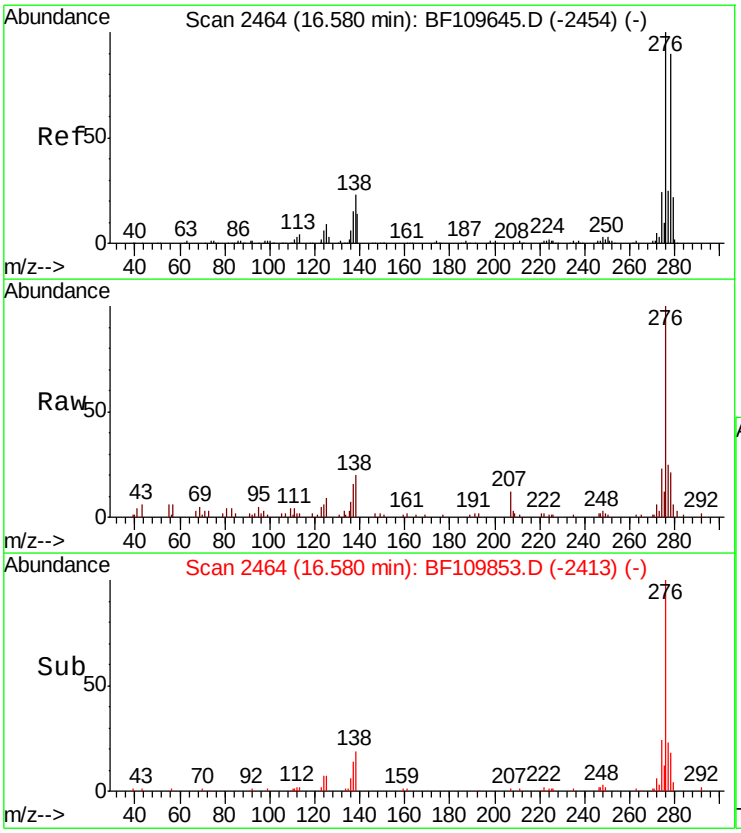
#82
Chrysene
Concen: 10.534 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:228 Resp: 185777

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.7	37.1
229	21.2	15.9	23.9

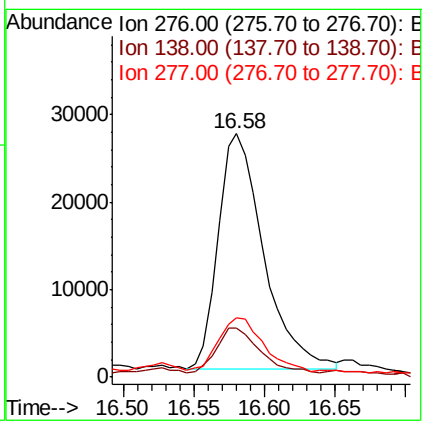


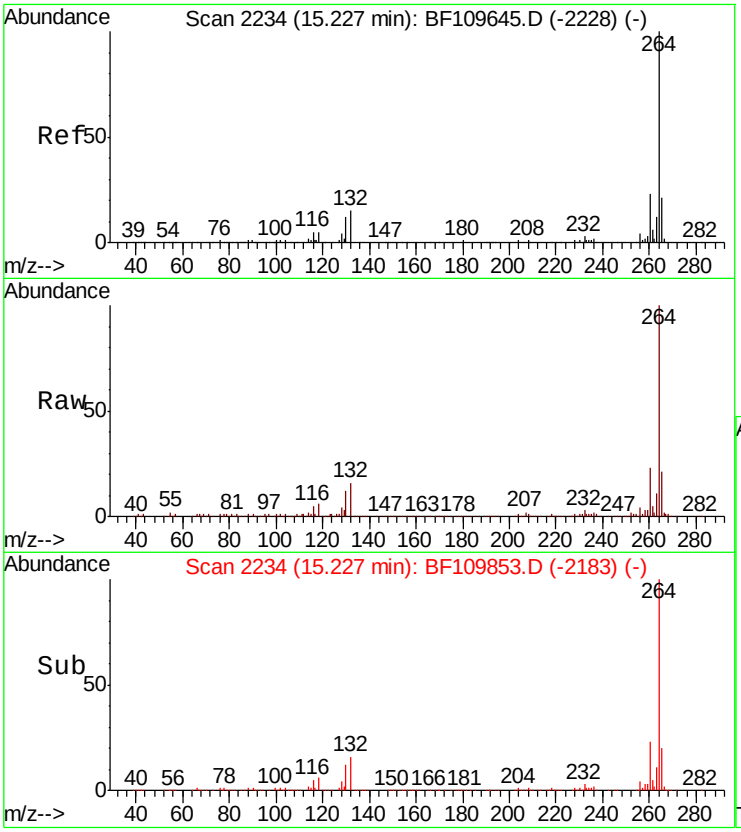


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.789 ng
RT: 16.58 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:276 Resp: 60456

Ion	Ratio	Lower	Upper
276	100		
138	17.9	18.5	27.7#
277	24.7	20.0	30.0



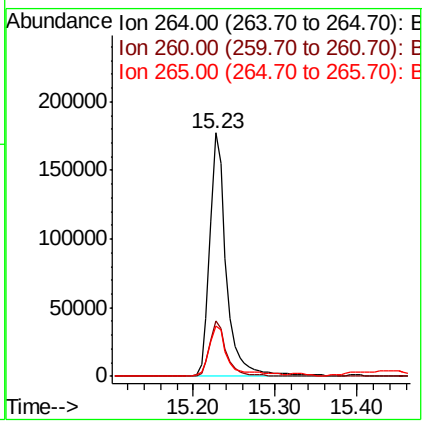


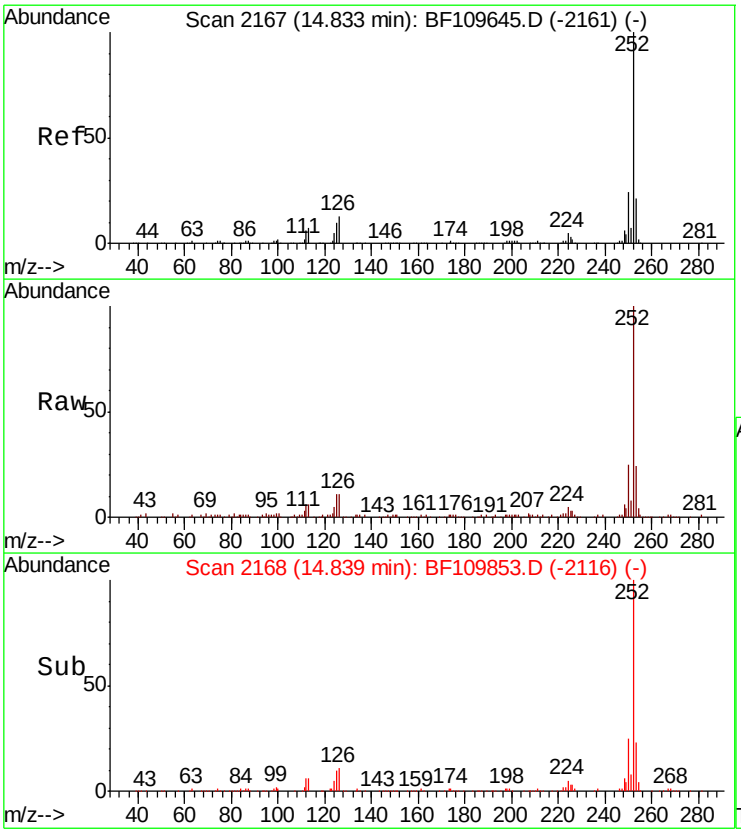
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:264 Resp: 250473

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.5	16.7	25.1

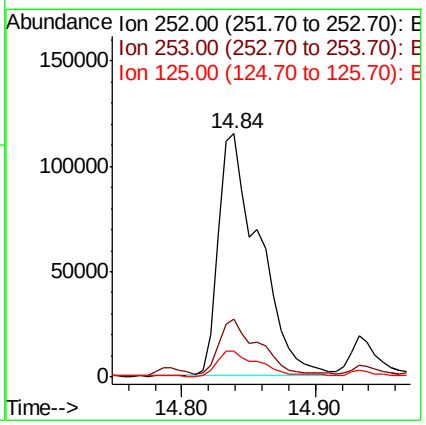


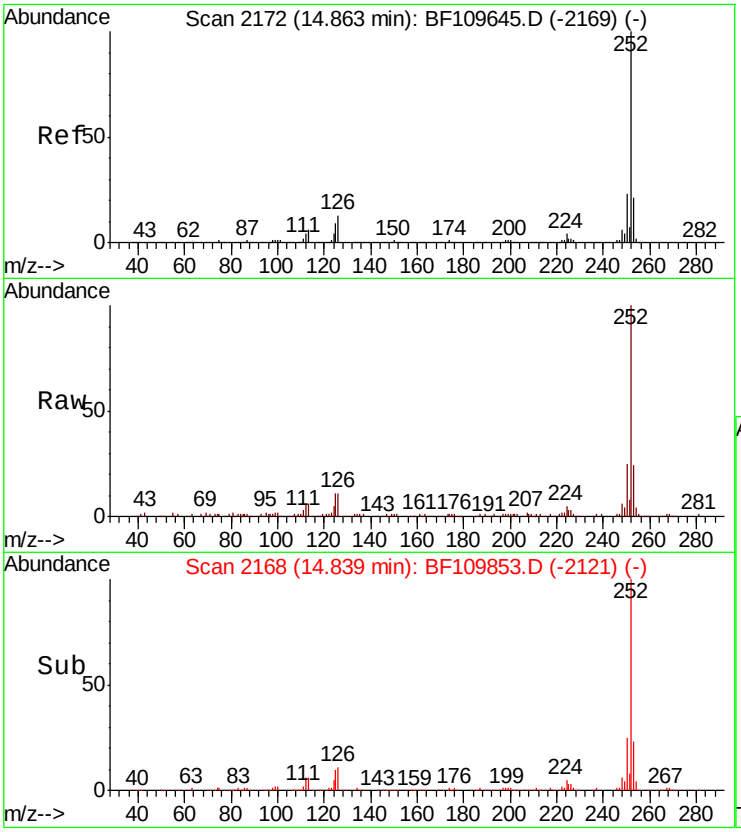


#87
Benzo(b)fluoranthene
Concen: 17.787 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:252 Resp: 246196

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	10.6	8.2	12.4



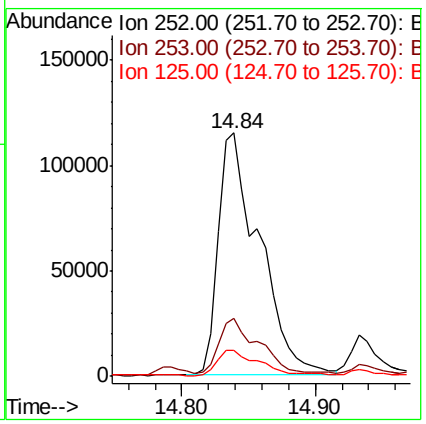


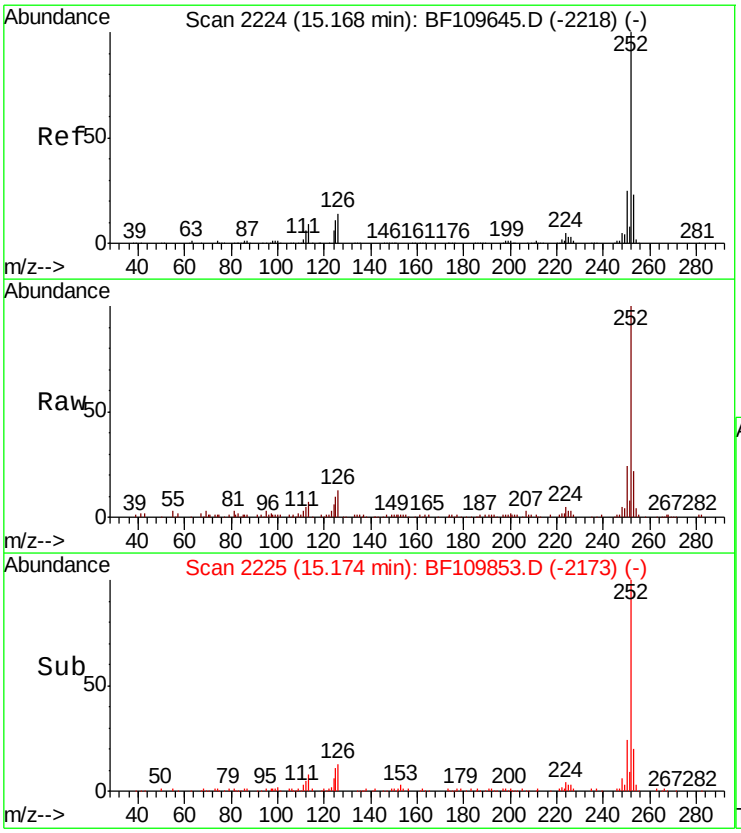
#88
Benzo(k)fluoranthene
Concen: 17.703 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:252 Resp: 246196

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	10.6	7.4	11.0

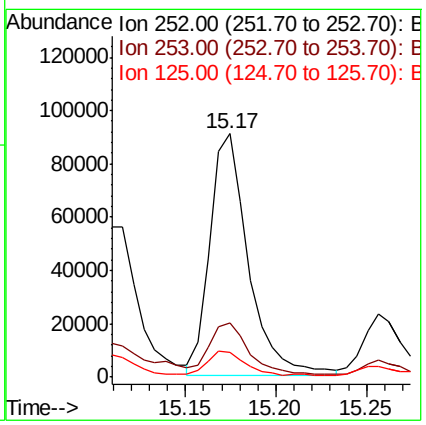


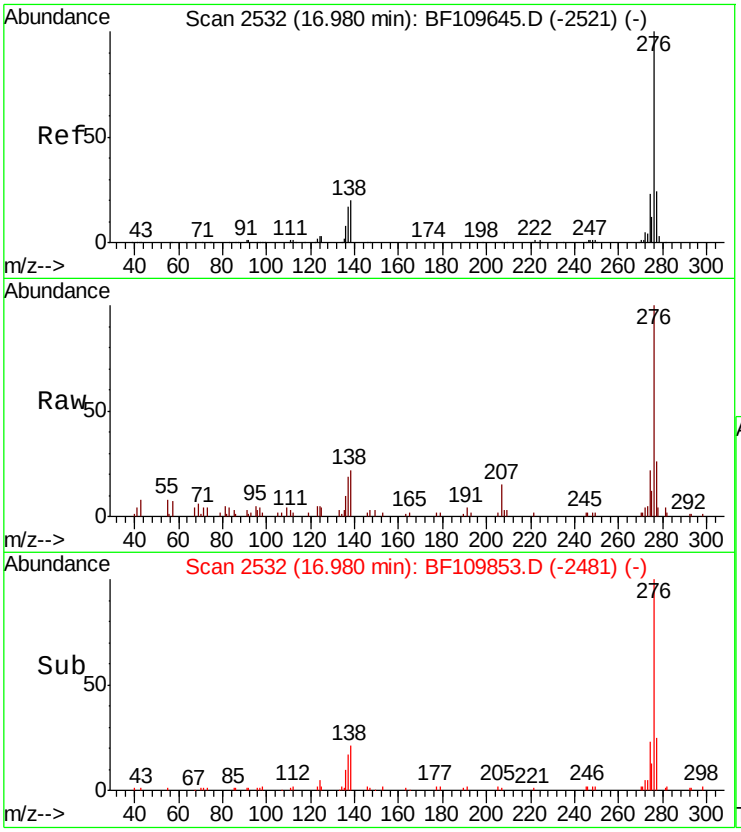


#89
Benzo(a)pyrene
Concen: 10.691 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Tgt Ion:252 Resp: 134292

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.4	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 6.180 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BF109853.D
Acq: 13 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18DL

Tgt Ion:276 Resp: 63663

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.8	28.2
138	22.3	16.0	24.0