Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113020.D
Acq On : 12 Mar 2019 23:23
Operator : JU/SJ
Sample : K1847-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-1-031119

Quant Time: Mar 13 03:59:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190878	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	696032	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	288750	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	511451	20.00	ng		0.00
76) Chrysene-d12	13.86	240	530948	20.00	ng		0.00
87) Perylene-d12	15.27	264	405479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	680577	55.46	ng		0.00
7) Phenol-d6	6.37	99	877990	56.96	ng		0.00
23) Nitrobenzene-d5	7.29	82	510999	43.93	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	204928	66.85	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	915303	46.55	ng		0.00
79) Terphenyl-d14	12.82	244	838049	30.60	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	64063	3.562	ng		86
19) n-Nitroso-di-n-propylamine	7.29	70	67449	6.909	ng	#	75
25) Isophorone	7.29	82	490851	19.588	ng	#	66
50) Dimethylphthalate	9.48	163	87087	4.090	ng		99
51) 2,6-Dinitrotoluene	9.76	165	37215	8.394	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	37216	6.753	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	131	4.669	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	11702	2.172	ng	#	1
71) Phenanthrene	11.26	178	149309	5.868	ng		98
75) Fluoranthene	12.44	202	359465	13.185	ng		95
78) Pyrene	12.67	202	312018	6.971	ng		97
81) Benzo(a)anthracene	13.86	228	180678	4.910	ng		99
83) Chrysene	13.89	228	181544	5.037	ng		98
88) Benzo(b)fluoranthene	14.87	252	257642	9.823	ng		99
89) Benzo(k)fluoranthene	14.87	252	257642	10.845	ng		99
90) Benzo(a)pyrene	15.21	252	120757	5.205	ng		98
92) Benzo(g,h,i)perylene	17.03	276	60622	3.050	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
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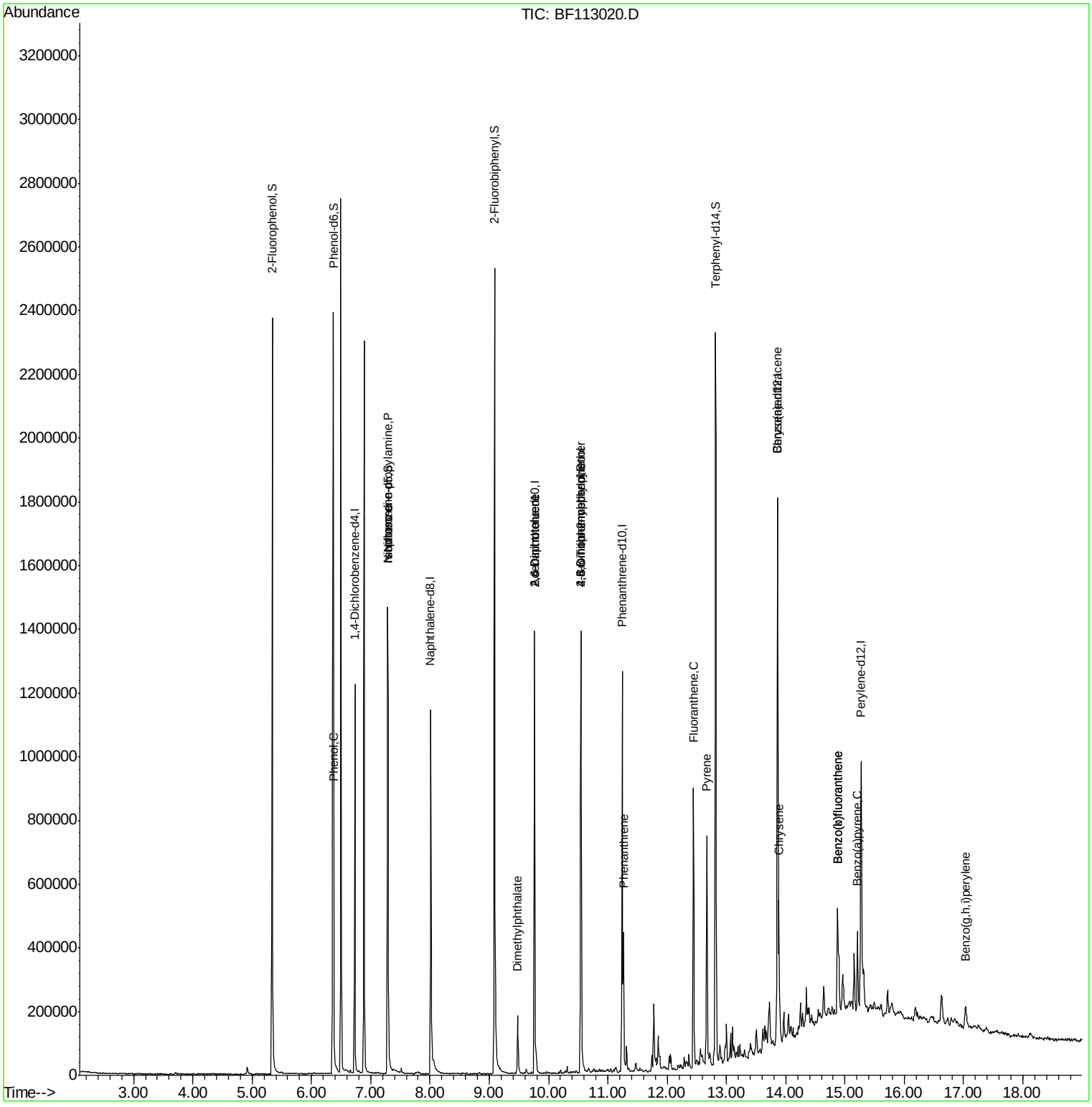
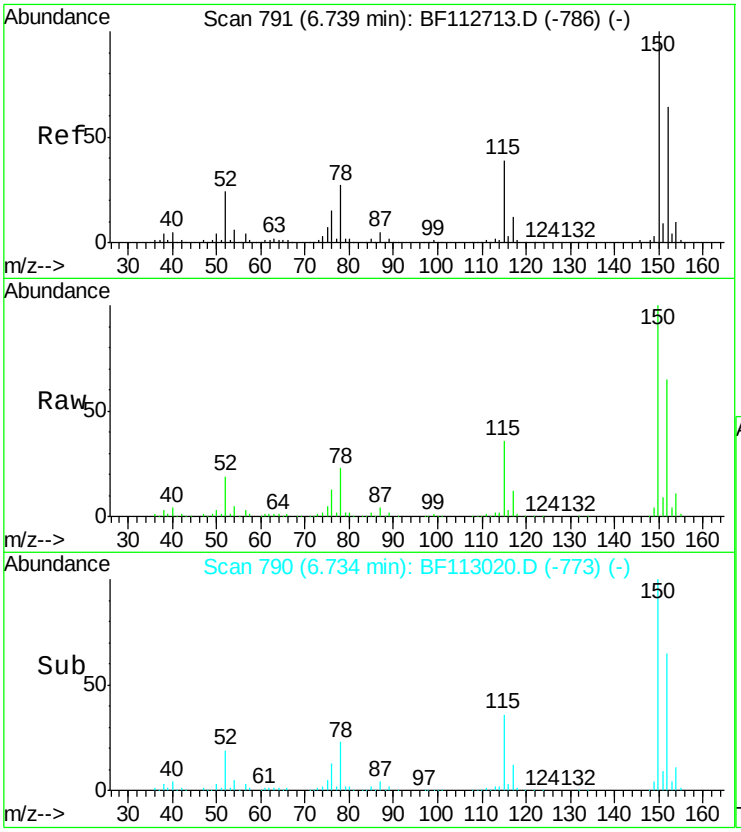


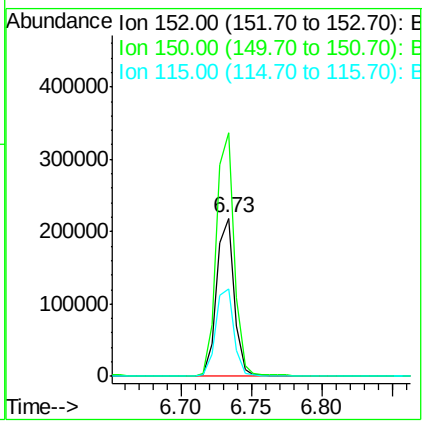


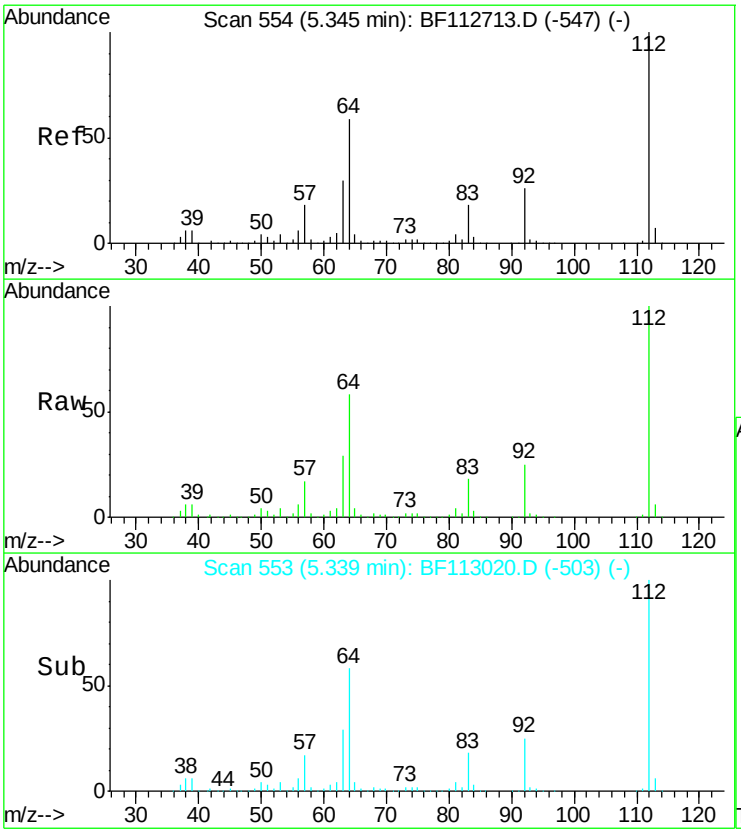
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:152 Resp: 190878

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	55.2	48.2	72.4

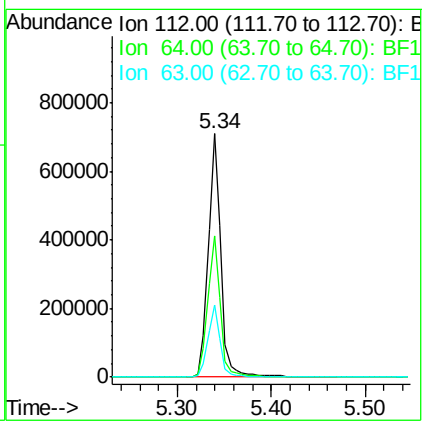


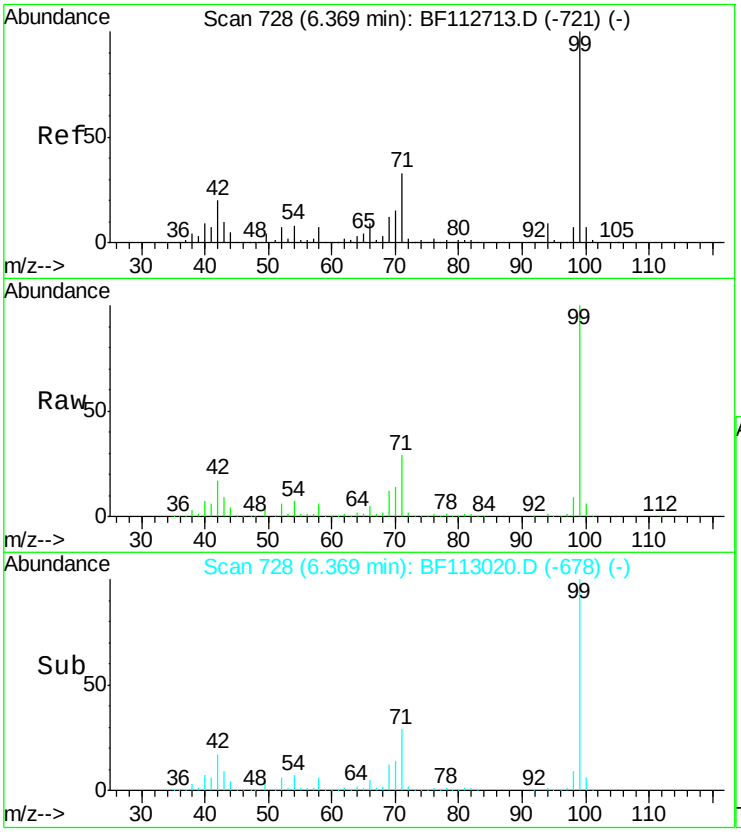


#5
2-Fluorophenol
Concen: 55.463 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:112 Resp: 680577

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.6	71.4
63	29.4	24.4	36.6



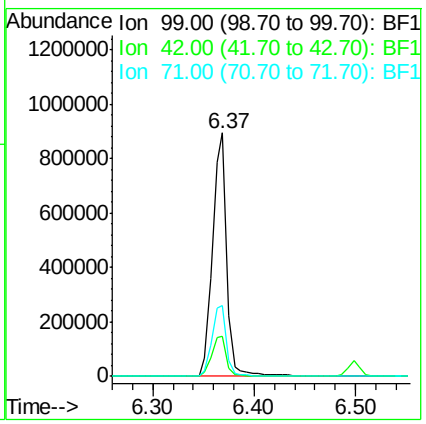


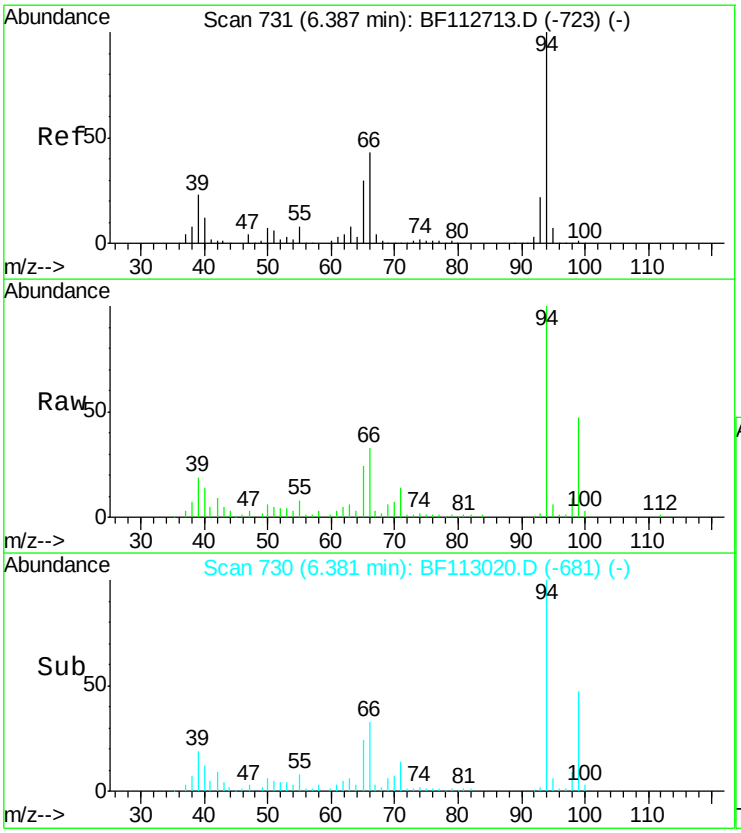
#7
Phenol-d6
Concen: 56.960 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion: 99 Resp: 877990

Ion	Ratio	Lower	Upper
99	100		
42	16.6	16.3	24.5
71	29.3	26.2	39.4

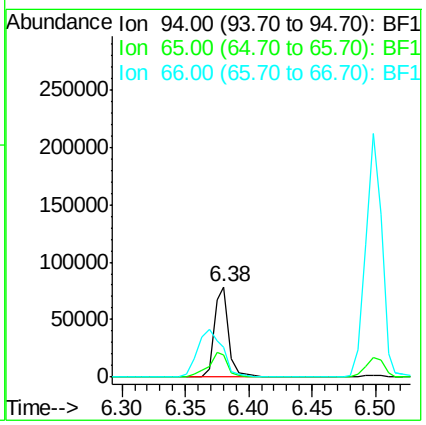


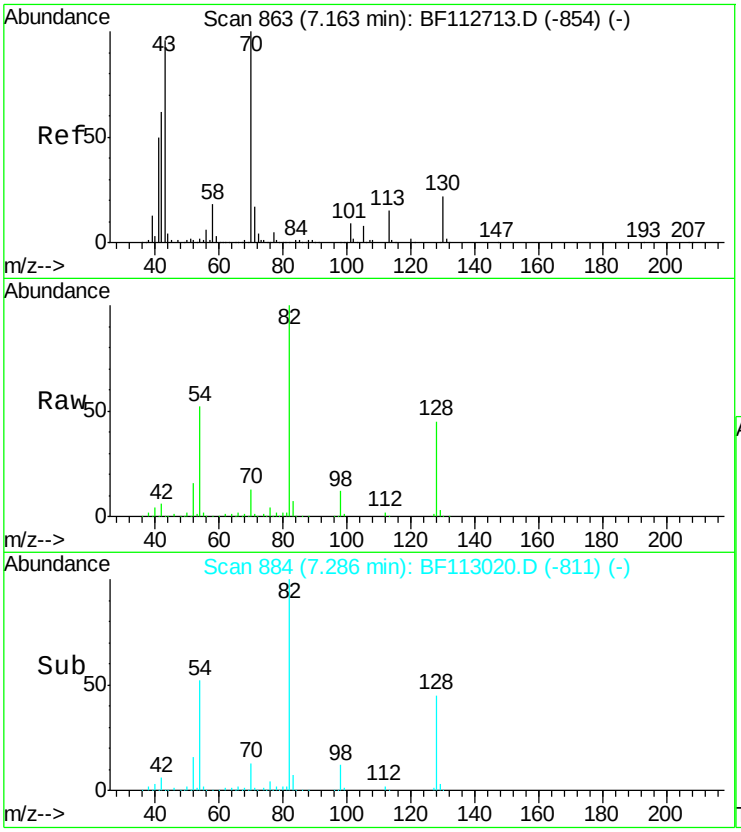


#10
Phenol
Concen: 3.562 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion: 94 Resp: 64063

Ion	Ratio	Lower	Upper
94	100		
65	24.4	10.5	50.5
66	32.8	22.6	62.6



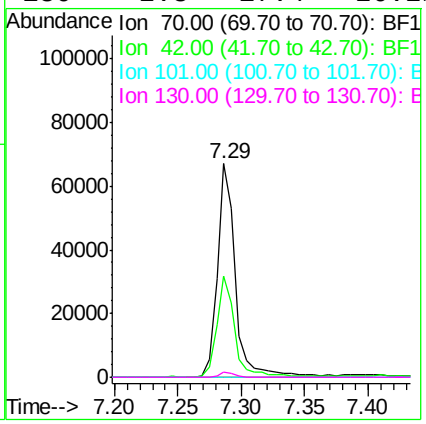


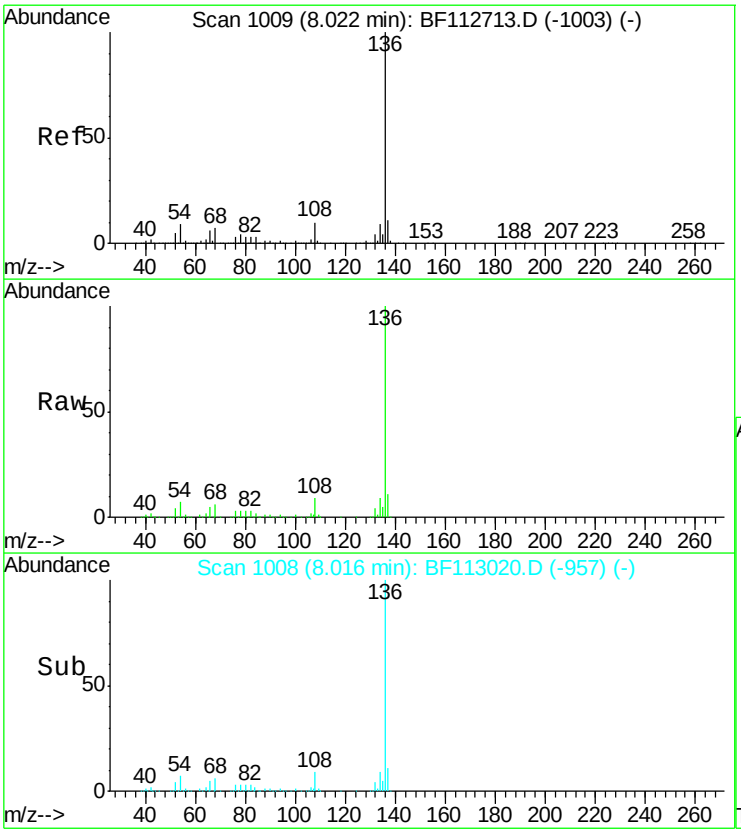
#19
n-Nitroso-di-n-propylamine
Concen: 6.909 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion: 70 Resp: 67449

Ion	Ratio	Lower	Upper
70	100		
42	47.4	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#

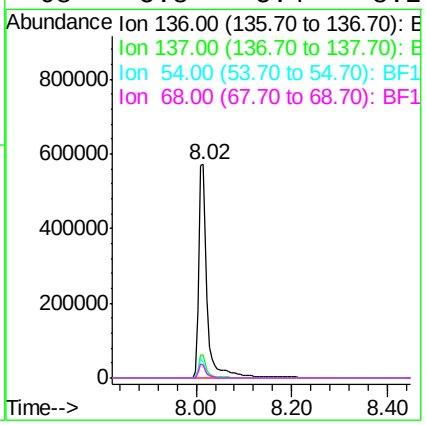


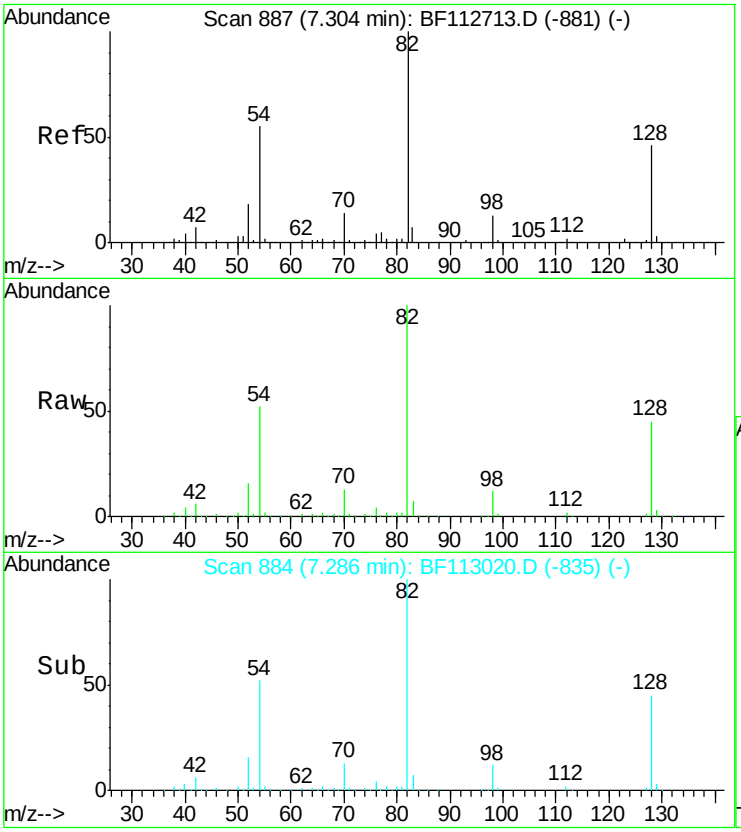


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:136 Resp: 696032

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	7.3	10.9
68	5.8	5.4	8.2



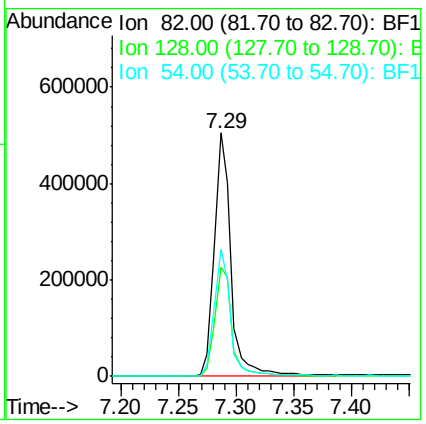


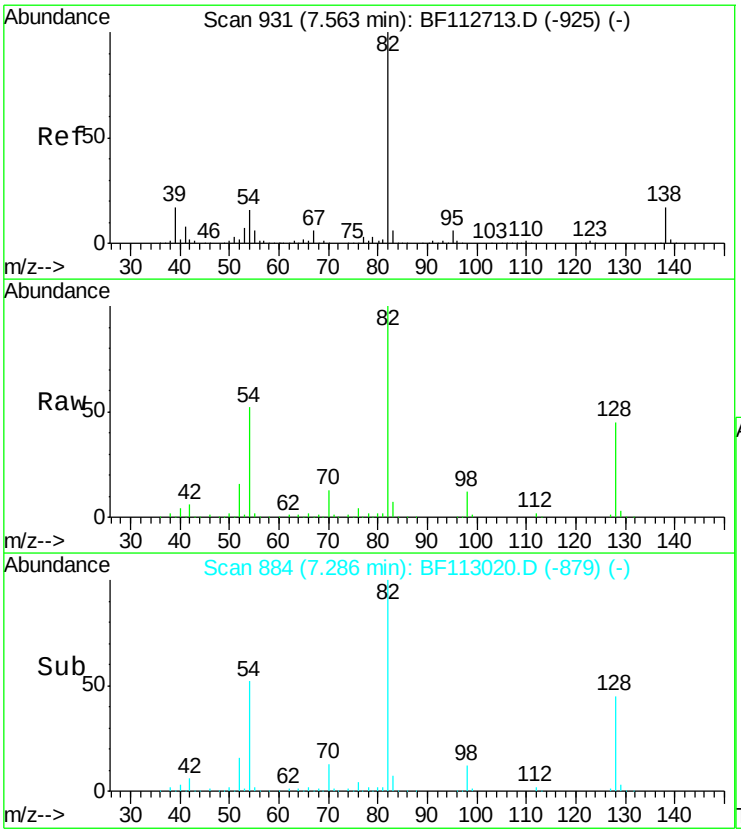
#23
Nitrobenzene-d5
Concen: 43.931 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion: 82 Resp: 510999

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.3	54.5
54	52.4	43.7	65.5

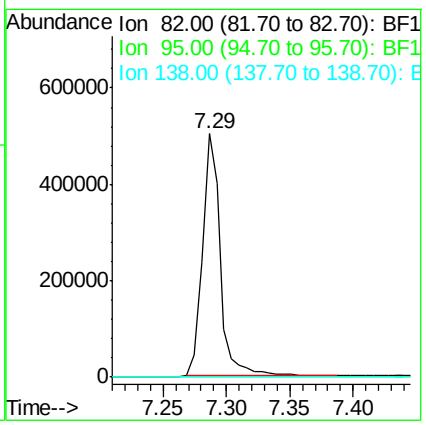


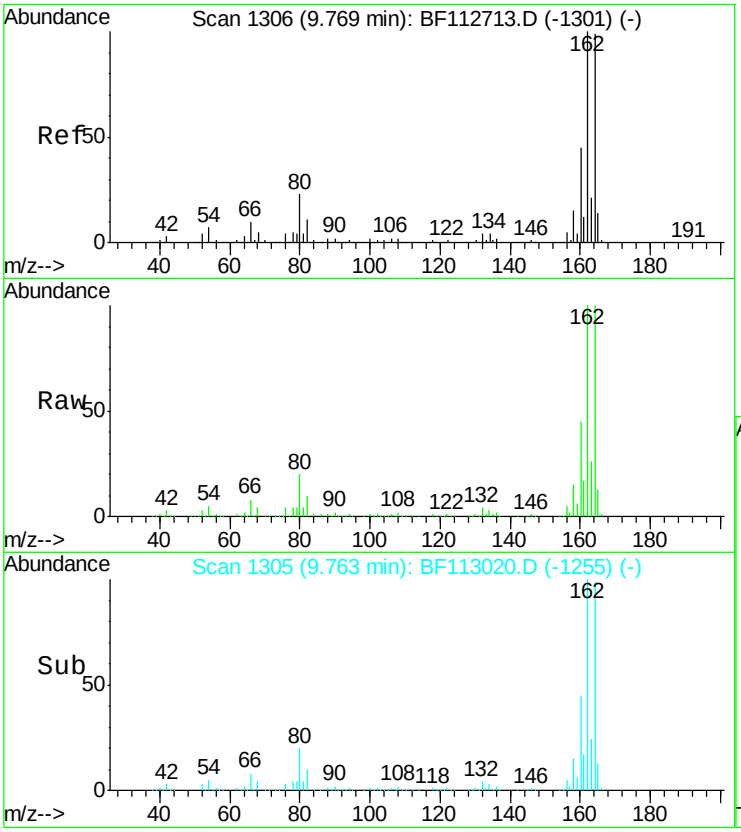


#25
Isophorone
Concen: 19.588 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion: 82 Resp: 490851

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



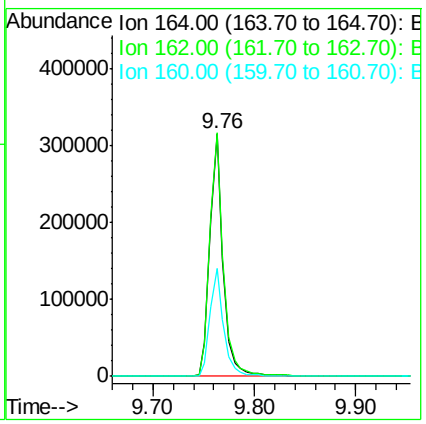


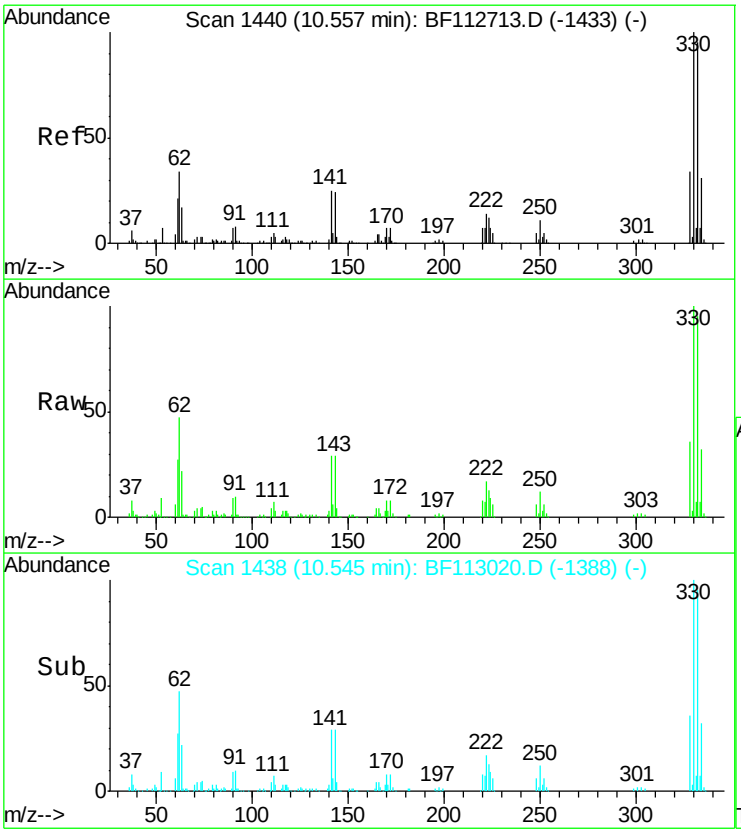
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:164 Resp: 288750

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	120.8
160	44.7	36.0	54.0

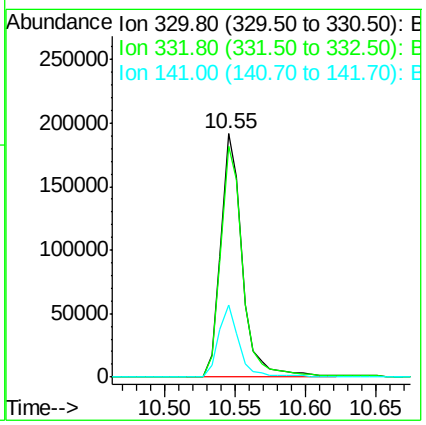


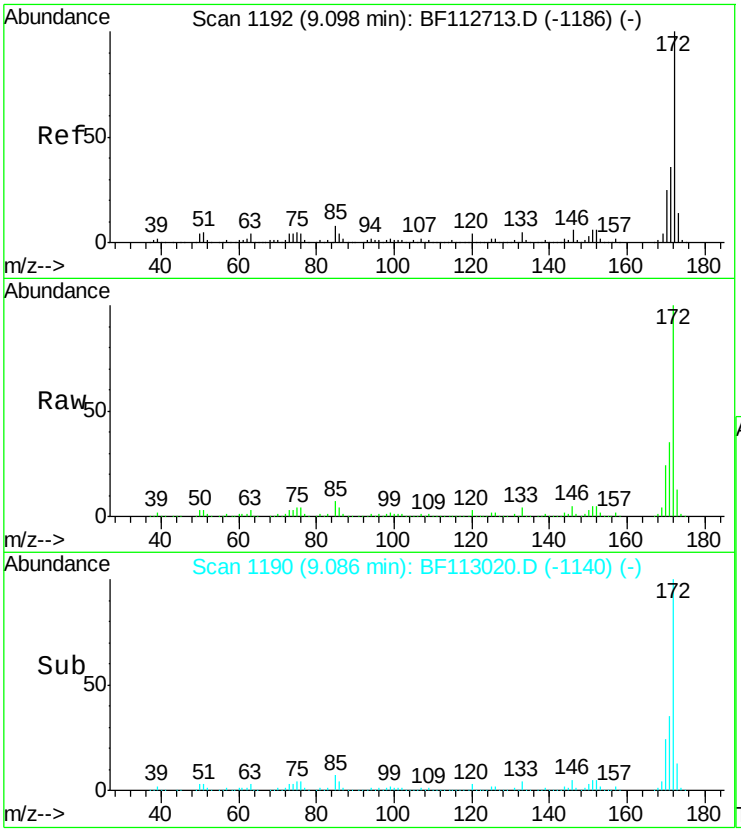


#42
2,4,6-Tribromophenol
Concen: 66.851 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:330 Resp: 204928

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.2	114.4
141	28.8	27.0	40.6



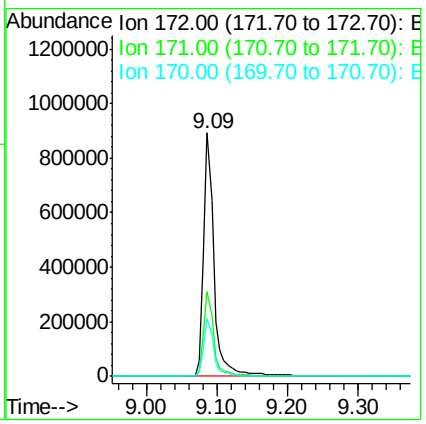


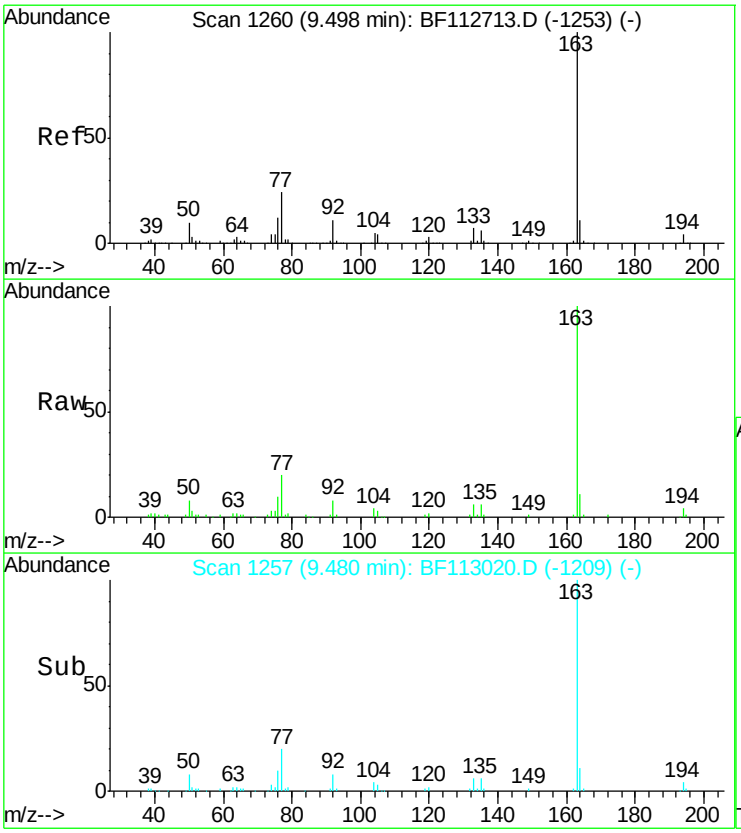
#45
2-Fluorobiphenyl
Concen: 46.552 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:172 Resp: 915303

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.4
170	23.6	20.0	30.0

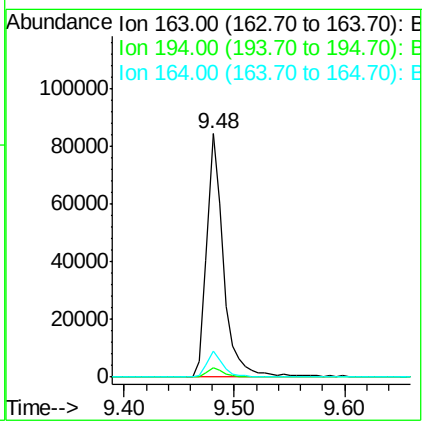


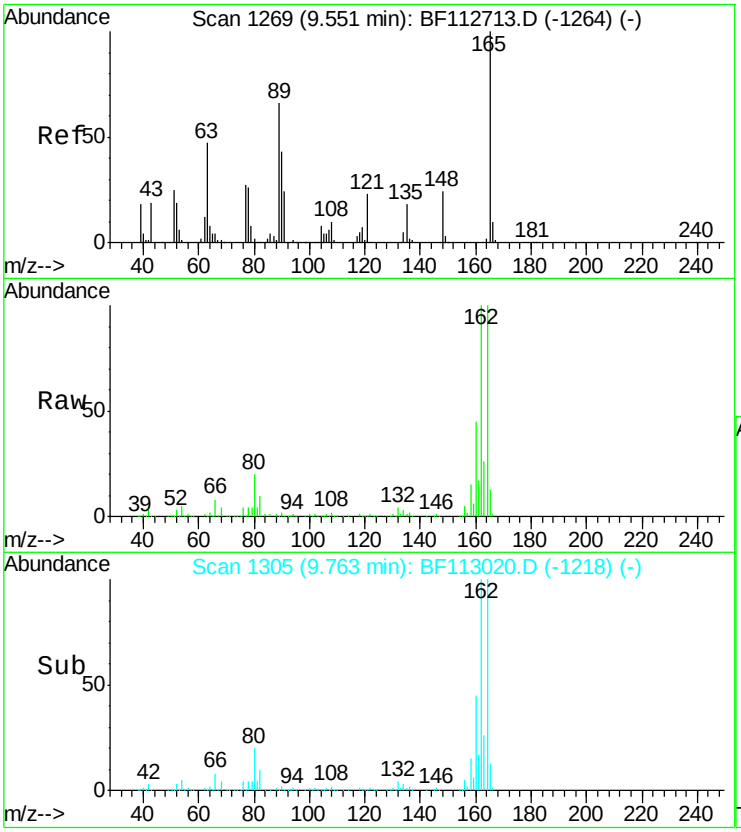


#50
Dimethylphthalate
Concen: 4.090 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:163 Resp: 87087

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.8	8.4	12.6



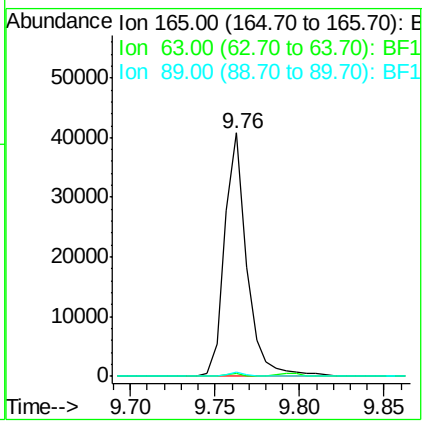


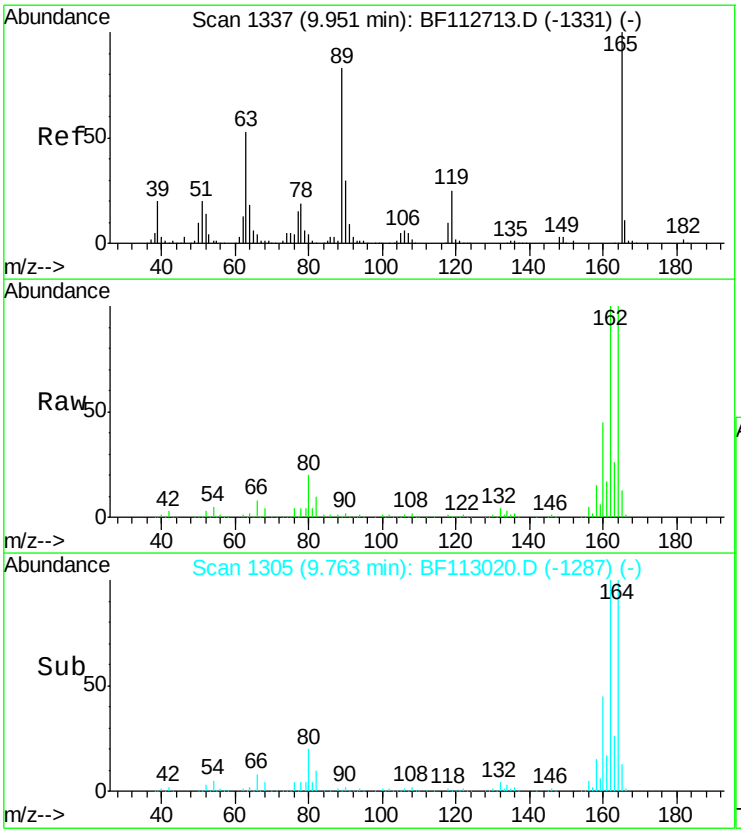
#51
2,6-Dinitrotoluene
Concen: 8.394 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:165 Resp: 37215

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.5	52.8	79.2#

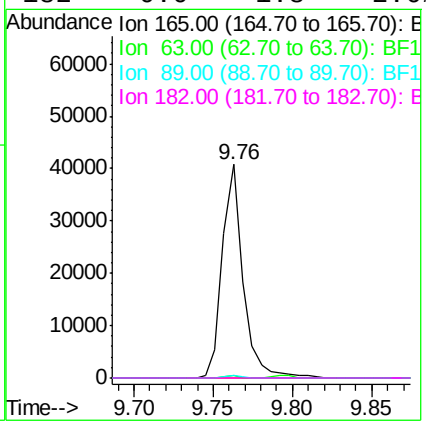


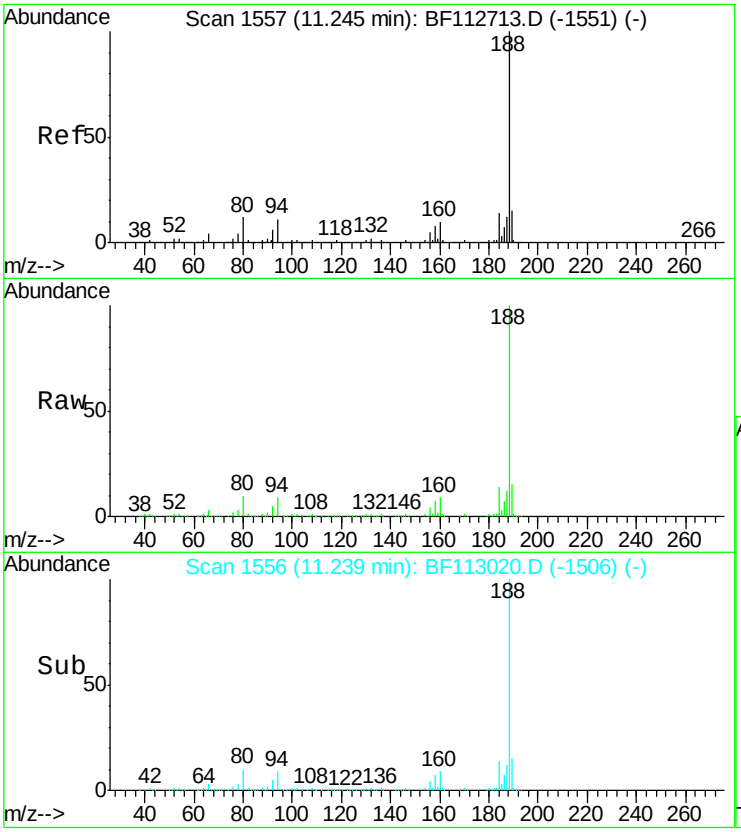


#57
2,4-Dinitrotoluene
Concen: 6.753 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:165 Resp: 37216

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



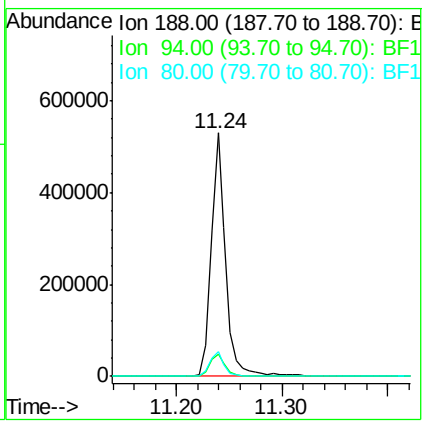


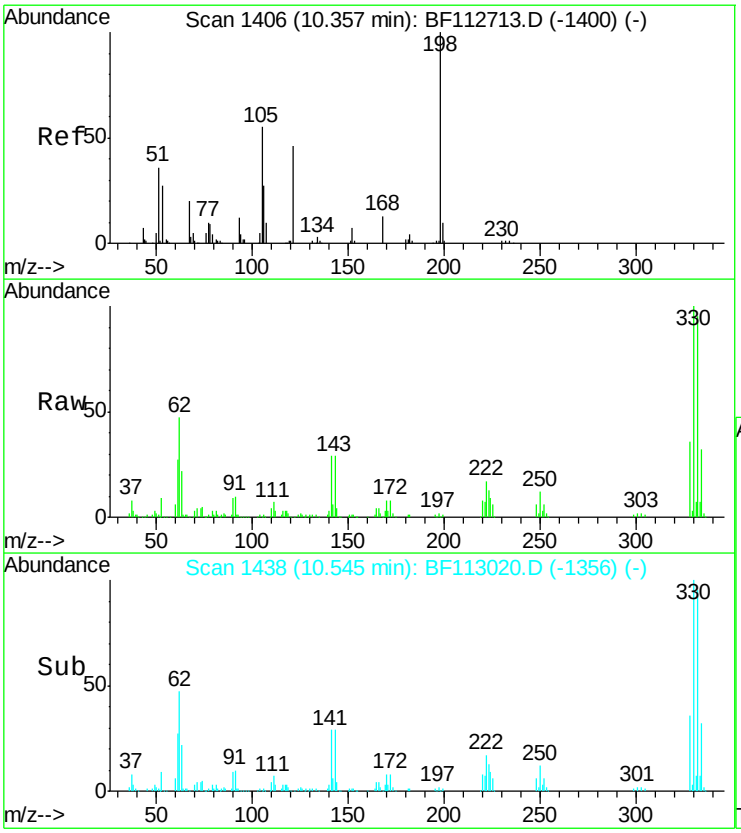
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:188 Resp: 511451

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	10.2	9.2	13.8

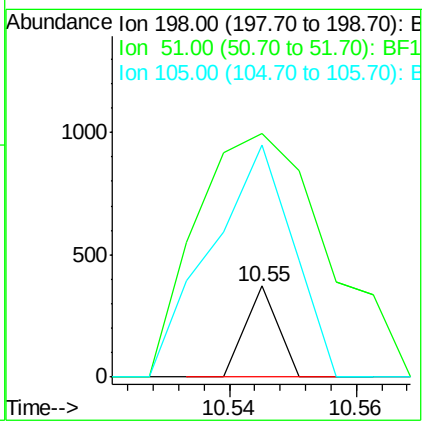


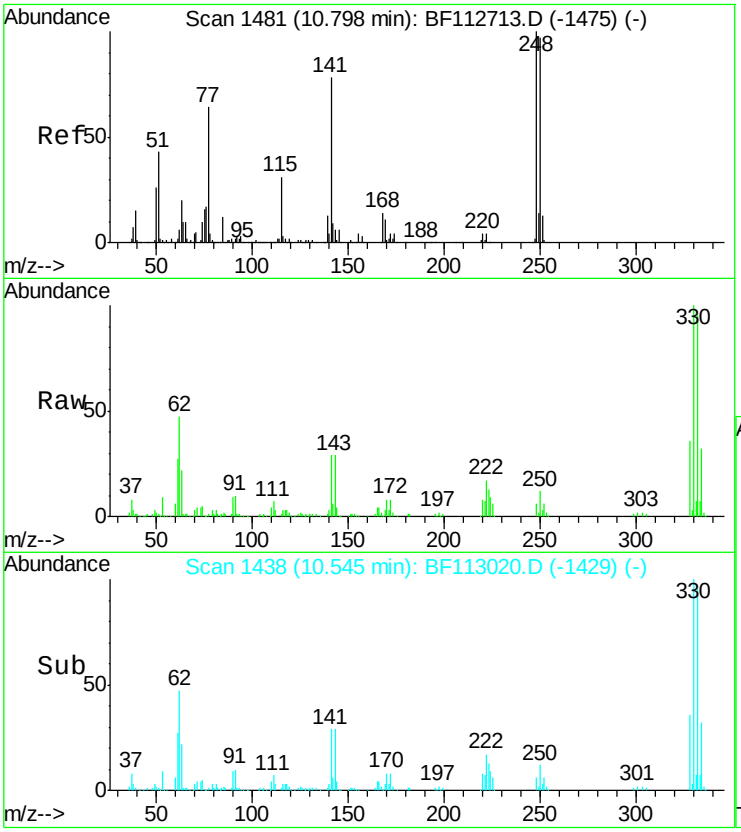


#65
4,6-Dinitro-2-methylphenol
Concen: 4.669 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:198 Resp: 131

Ion	Ratio	Lower	Upper
198	100		
51	268.5	43.8	83.8#
105	255.3	36.5	76.5#



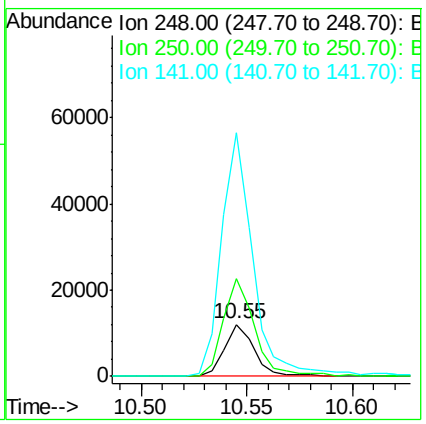


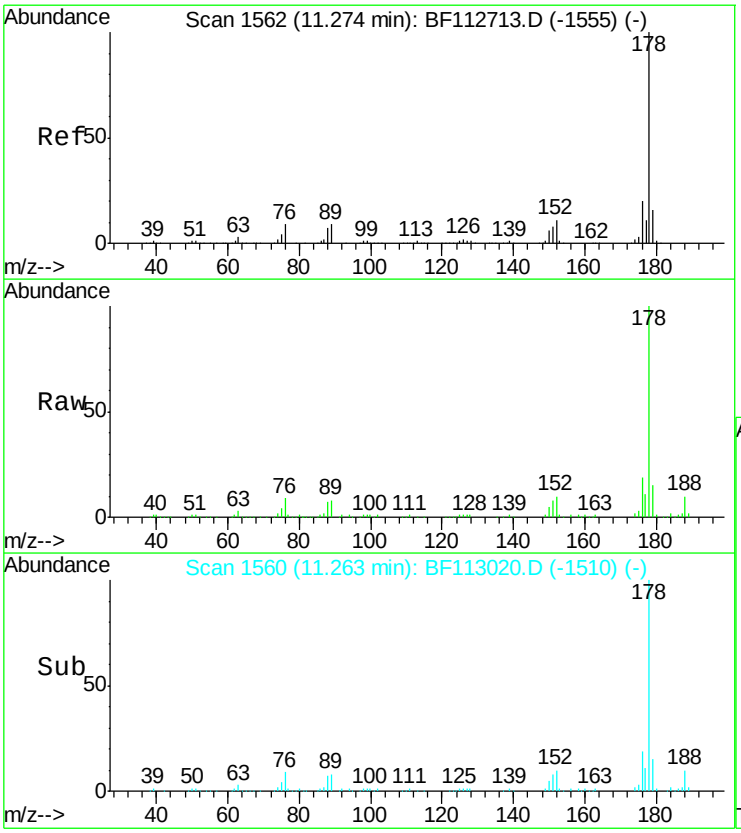
#67
4-Bromophenyl-phenylether
Concen: 2.172 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:248 Resp: 11702

Ion	Ratio	Lower	Upper
248	100		
250	187.7	77.5	116.3#
141	468.8	62.4	93.6#

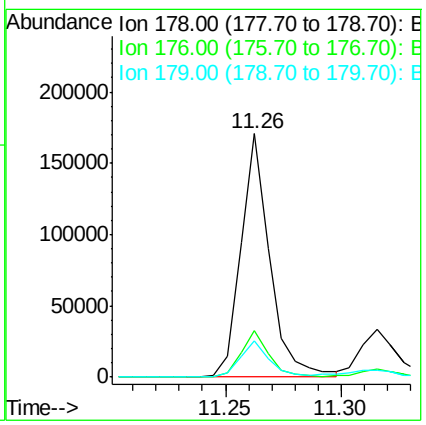


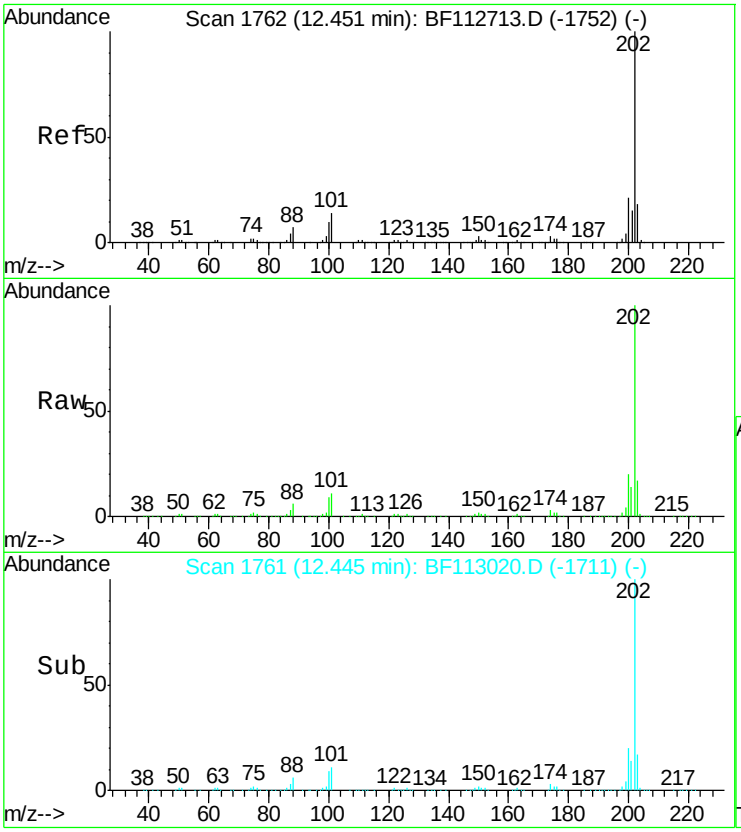


#71
Phenanthrene
Concen: 5.868 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:178 Resp: 149309

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	15.0	12.7	19.1



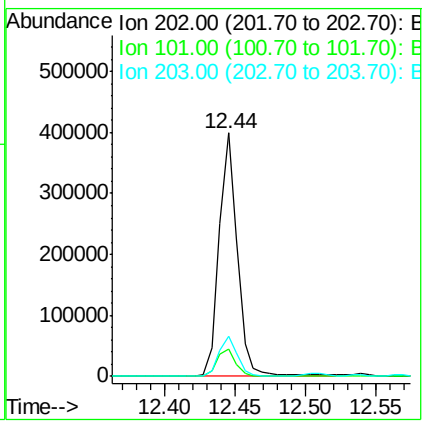


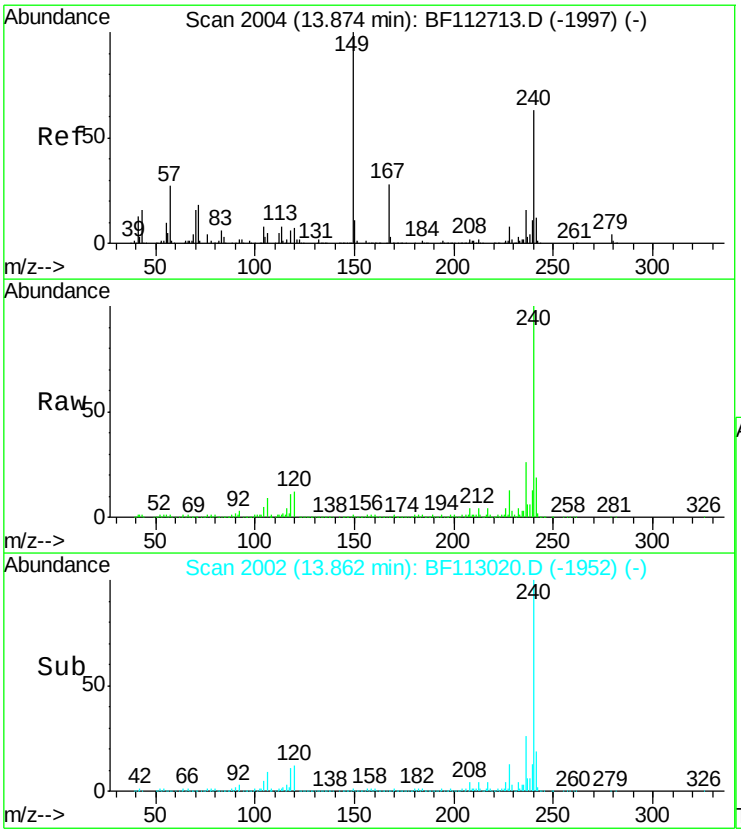
#75
Fluoranthene
Concen: 13.185 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:202 Resp: 359465

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.8
203	16.7	0.0	38.4

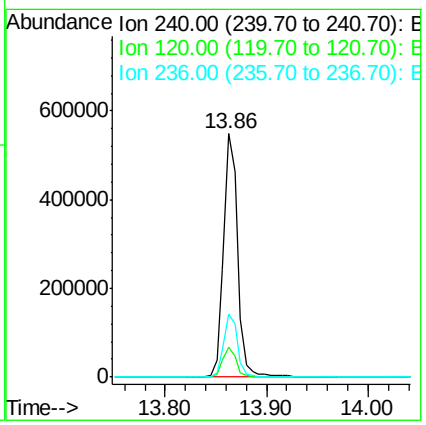


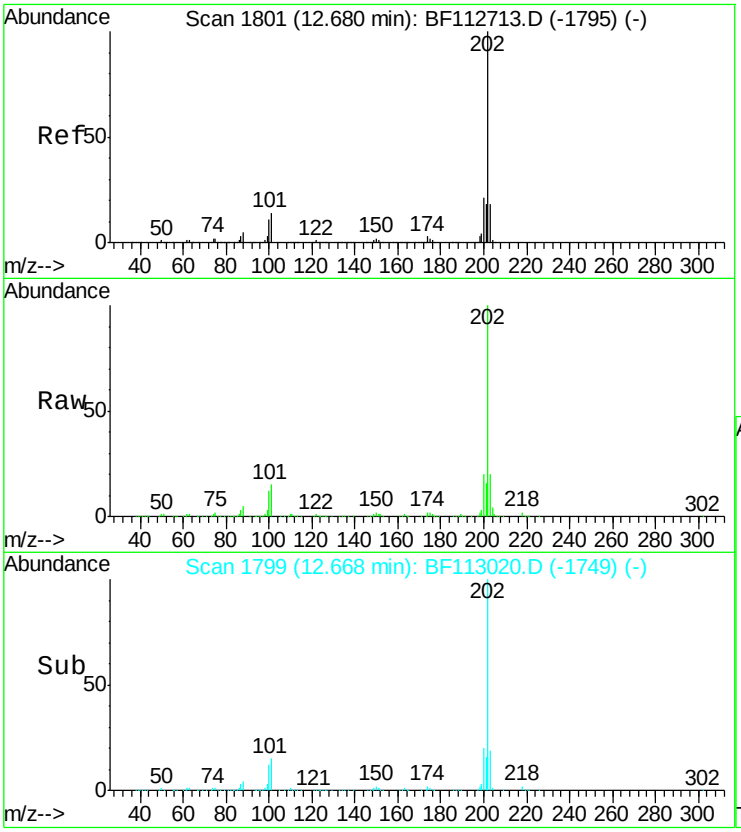


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:240 Resp: 530948

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.9	13.3
236	25.7	20.7	31.1



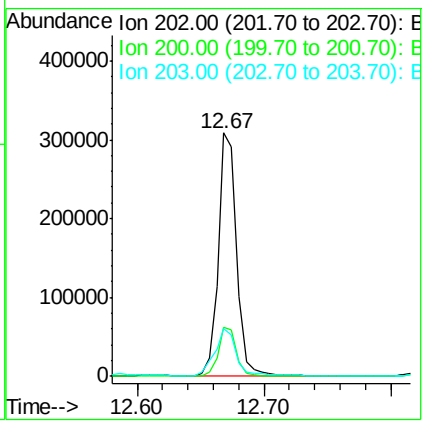


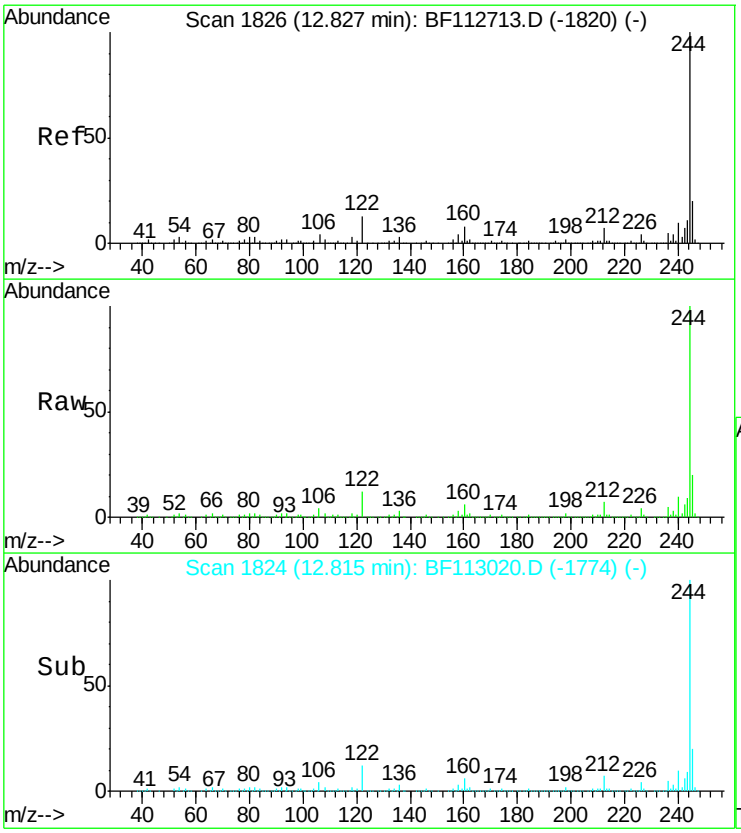
#78
Pyrene
Concen: 6.971 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:202 Resp: 312018

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.4
203	19.6	14.4	21.6

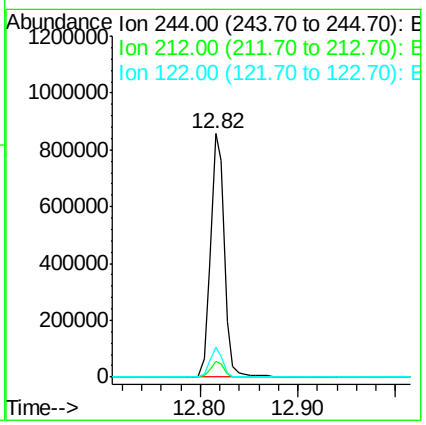


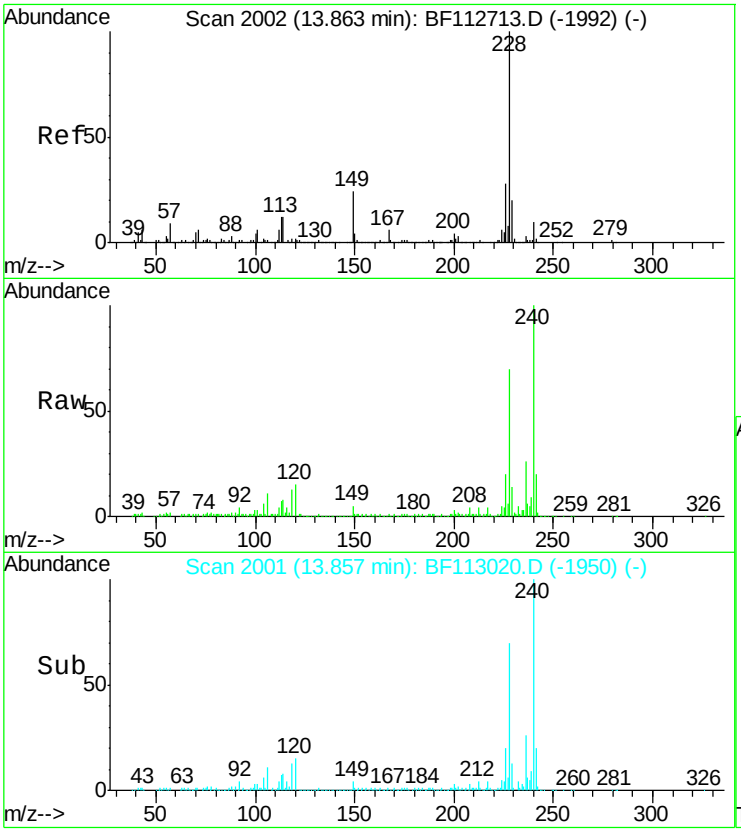


#79
Terphenyl-d14
Concen: 30.597 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:244 Resp: 838049

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	12.2	10.5	15.7



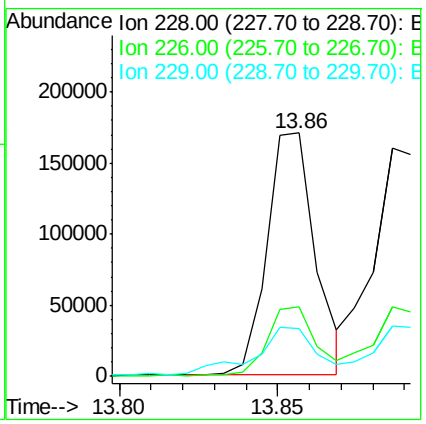


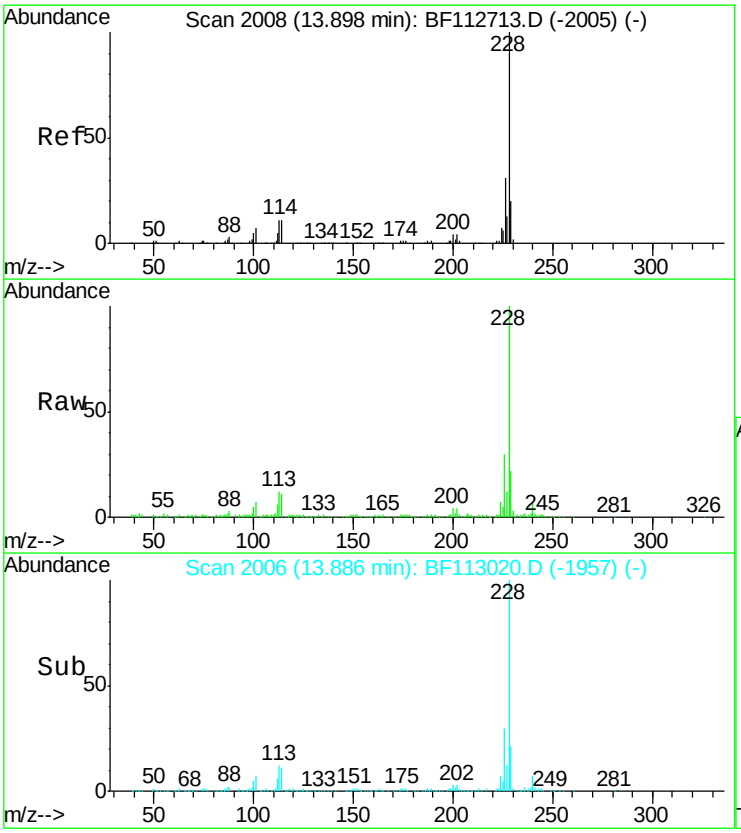
#81
Benzo(a)anthracene
Concen: 4.910 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:228 Resp: 180678

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.2	33.4
229	19.6	16.0	24.0

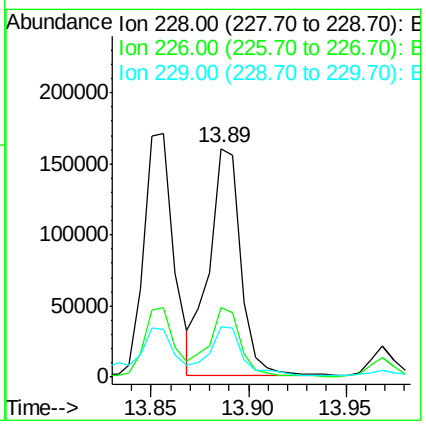


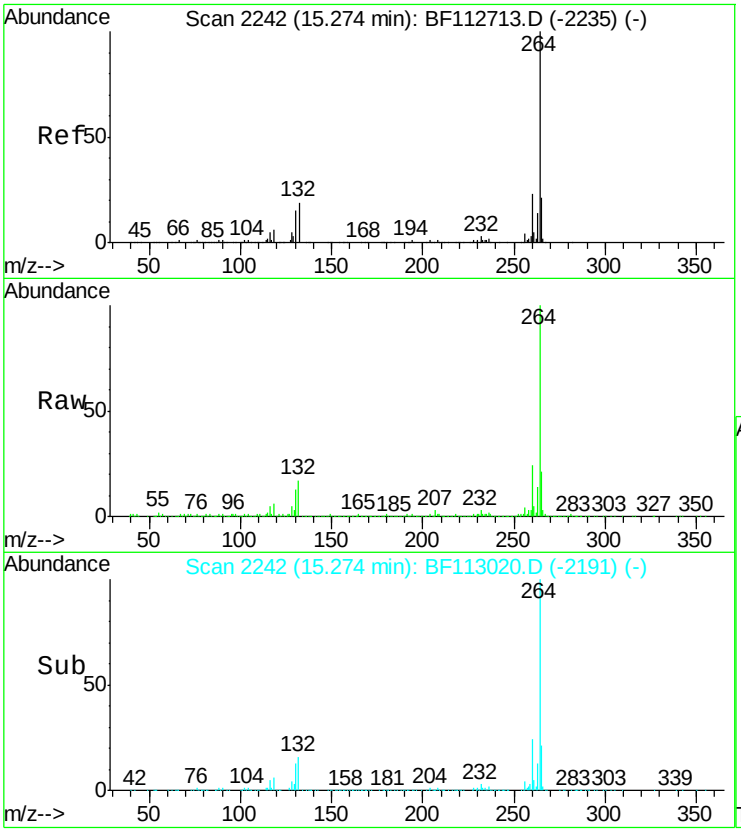


#83
Chrysene
Concen: 5.037 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:228 Resp: 181544

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	22.1	16.3	24.5



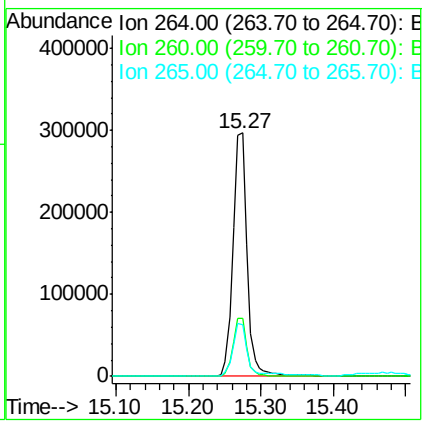


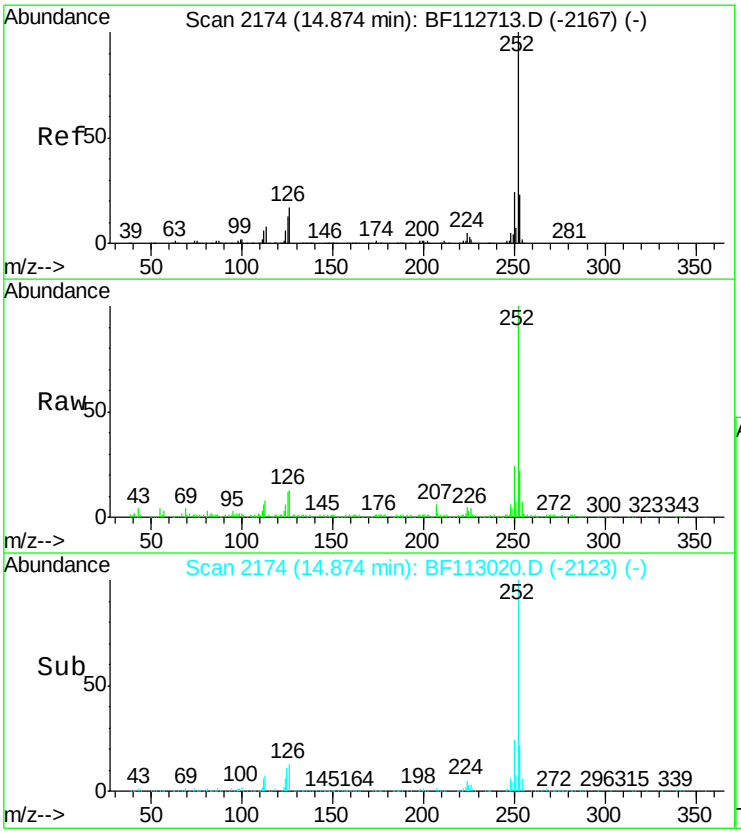
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:264 Resp: 405479

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.1	17.2	25.8

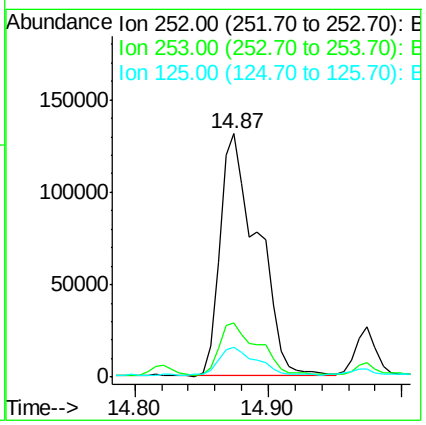


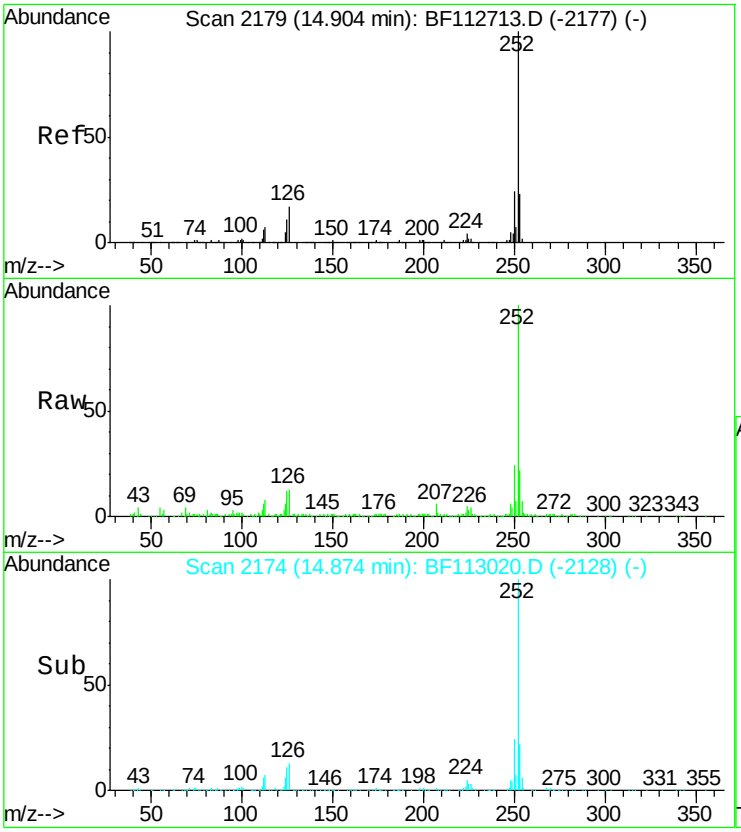


#88
Benzo(b)fluoranthene
Concen: 9.823 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:252 Resp: 257642

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.1	10.2	15.2



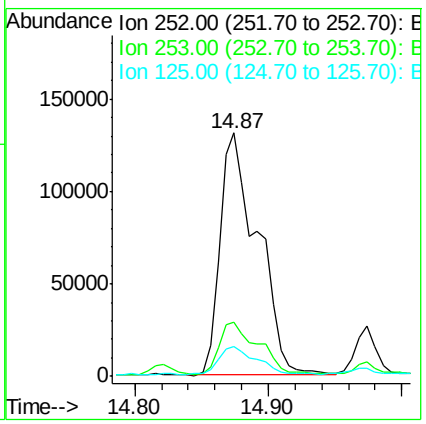


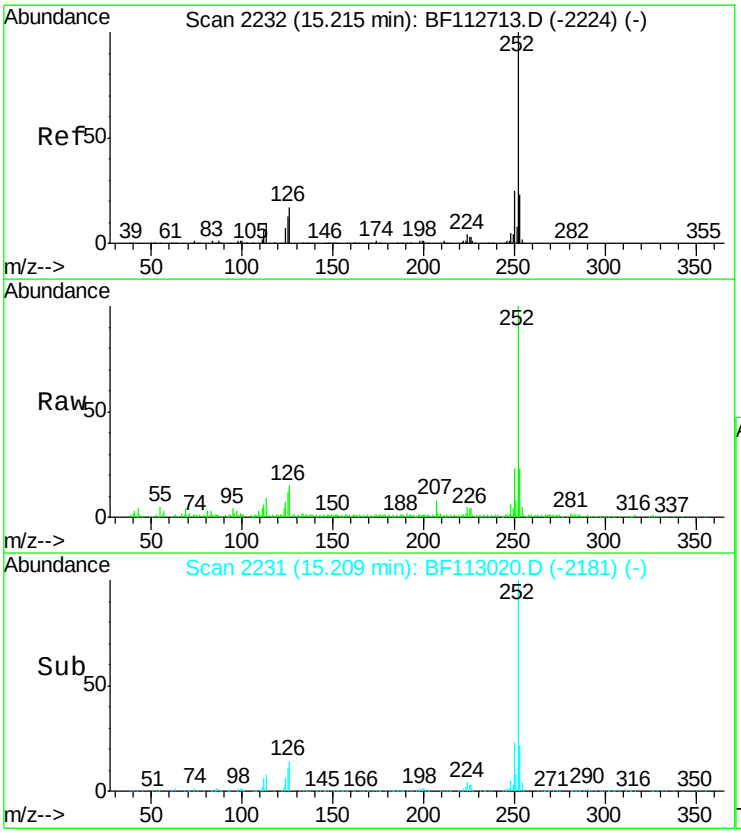
#89
Benzo(k)fluoranthene
Concen: 10.845 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:252 Resp: 257642

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.1	9.8	14.6

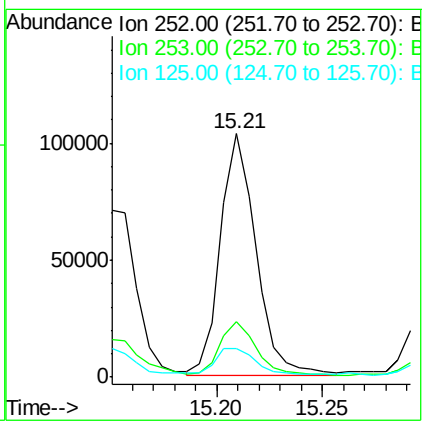


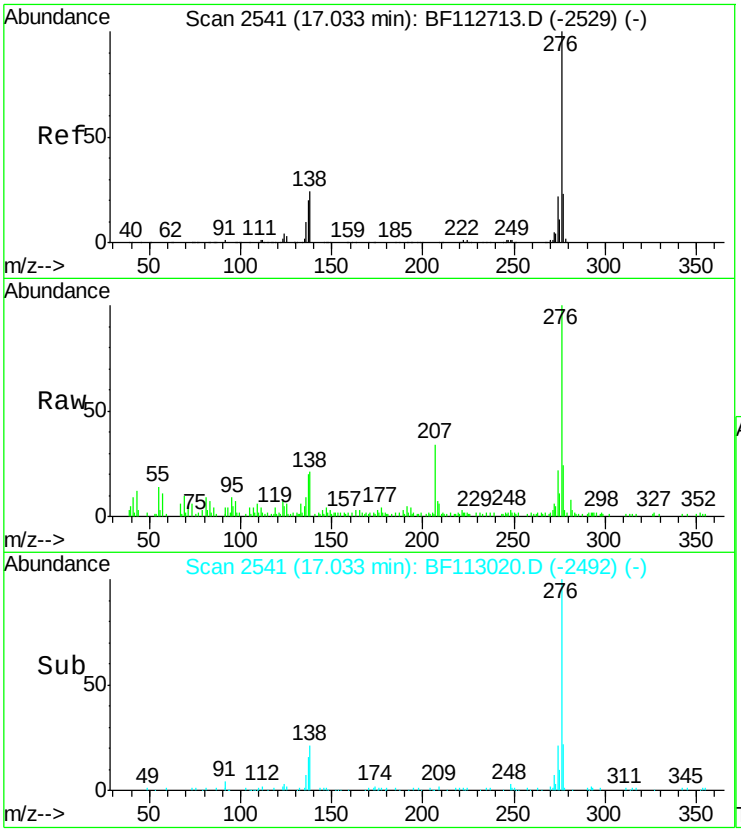


#90
Benzo(a)pyrene
Concen: 5.205 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Tgt Ion:252 Resp: 120757

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.0	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 3.050 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF113020.D
Acq: 12 Mar 2019 23:23

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-1-031119

Tgt Ion:276 Resp: 60622

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	21.5	19.4	29.0