Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111393.D
Acq On : 14 Dec 2018 1:59
Operator : JU/SJ
Sample : J6208-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Time: Dec 14 03:46:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	302328	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1232894	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	487527	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	716049	20.00	ng		0.00
76) Chrysene-d12	13.96	240	419036	20.00	ng		0.00
87) Perylene-d12	15.39	264	395388	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	887398	49.64	ng		0.01
7) Phenol-d6	6.44	99	1202328	49.88	ng		0.00
23) Nitrobenzene-d5	7.35	82	791733	36.20	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	185698	43.21	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	989303	32.58	ng		0.00
79) Terphenyl-d14	12.90	244	542046	28.47	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	1331	Below Cal		#	54
10) Phenol	6.45	94	87985	3.222	ng		89
19) n-Nitroso-di-n-propylamine	7.35	70	102161	6.378	ng	#	76
25) Isophorone	7.35	82	783466	21.086	ng	#	64
49) Acenaphthylene	9.69	152	179115	3.848	ng		94
50) Dimethylphthalate	9.55	163	110081	3.140	ng		98
51) 2,6-Dinitrotoluene	9.83	165	69500	8.943	ng	#	30
52) Acenaphthene	9.86	154	229140	7.806	ng		98
55) Dibenzofuran	10.03	168	194222	4.583	ng		94
58) Fluorene	10.37	166	336233	11.091	ng		99
71) Phenanthrene	11.35	178	3101297	83.794	ng		98
72) Anthracene	11.39	178	1050543	27.876	ng		95
73) Carbazole	11.55	167	208804	5.359	ng		95
75) Fluoranthene	12.54	202	3993476	110.527	ng		97
78) Pyrene	12.77	202	3689149	114.074	ng		99
81) Benzo(a)anthracene	13.95	228	1798507	76.710	ng		99
83) Chrysene	13.99	228	1497720	62.612	ng		98
86) Indeno(1,2,3-cd)pyrene	16.65	276	120571	6.445	ng		100
88) Benzo(b)fluoranthene	14.99	252	1930049	85.844	ng		99
89) Benzo(k)fluoranthene	14.99	252	1930049	86.002	ng		98
90) Benzo(a)pyrene	15.34	252	1075408	51.371	ng		97
91) Dibenzo(a,h)anthracene	16.97	278	154484	8.870	ng		98
92) Benzo(g,h,i)perylene	17.24	276	576739	33.121	ng		96

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

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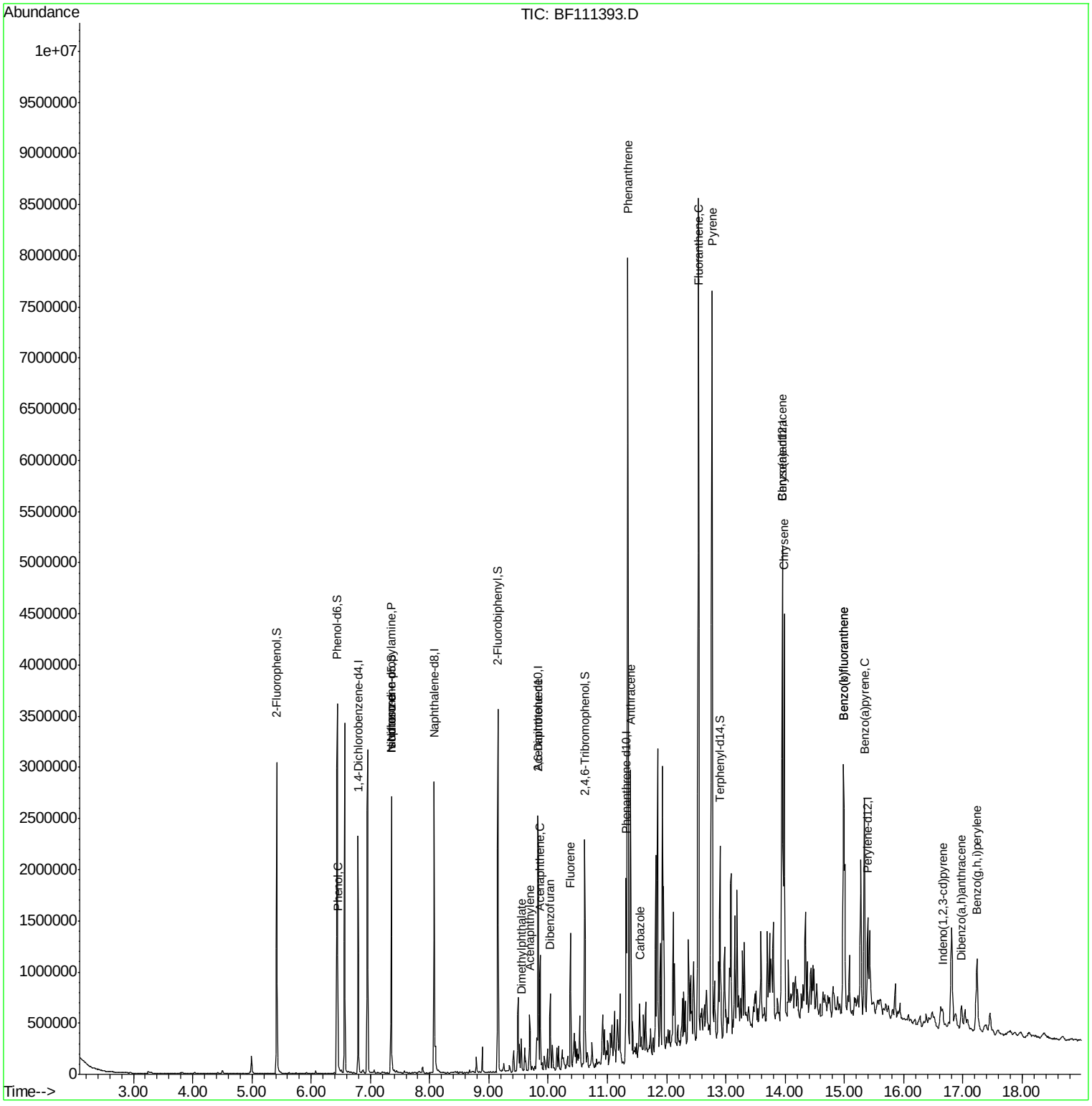
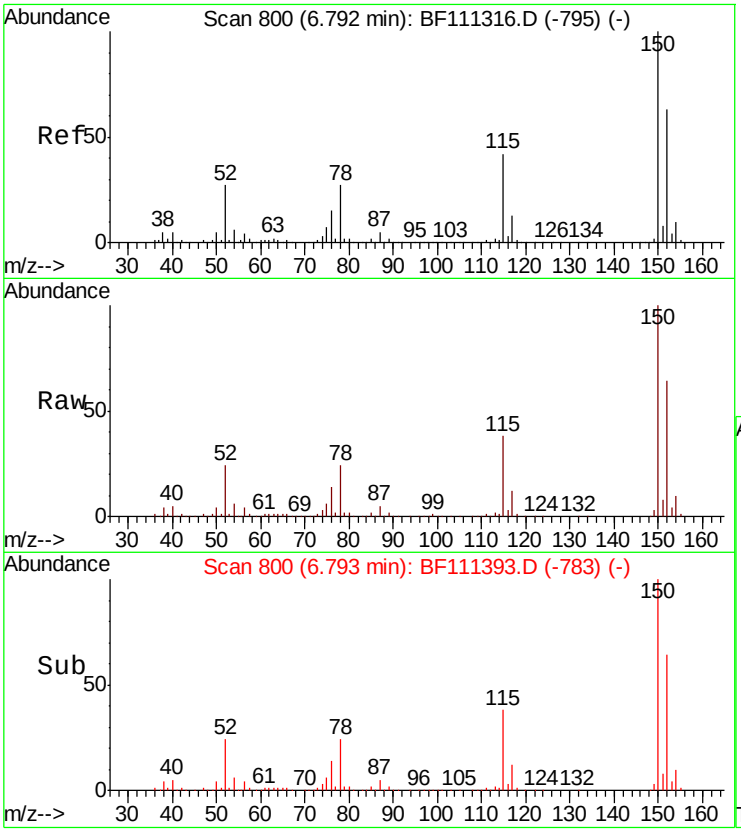


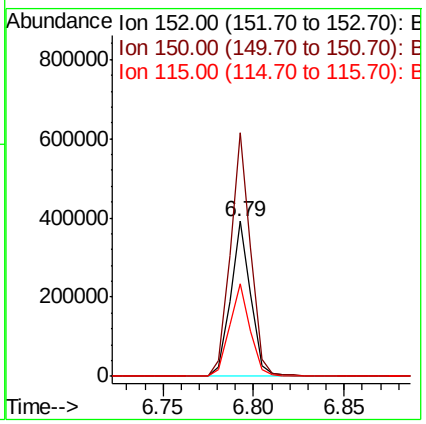


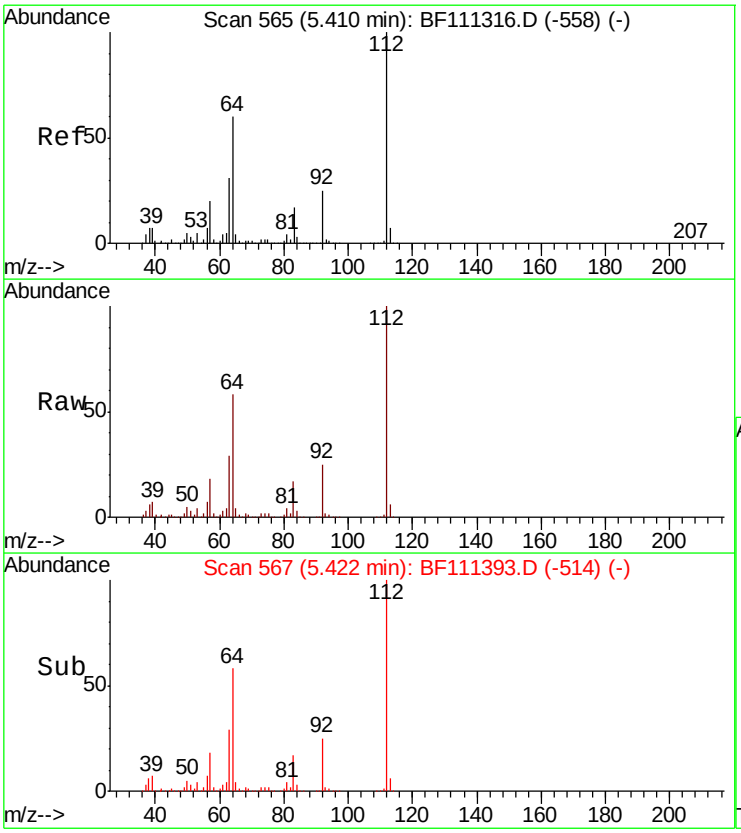
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 302328

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	189.8
115	59.6	50.7	76.1

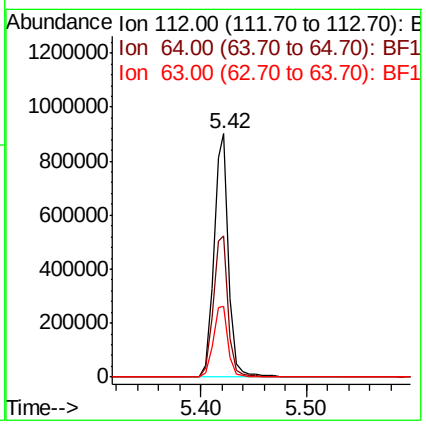


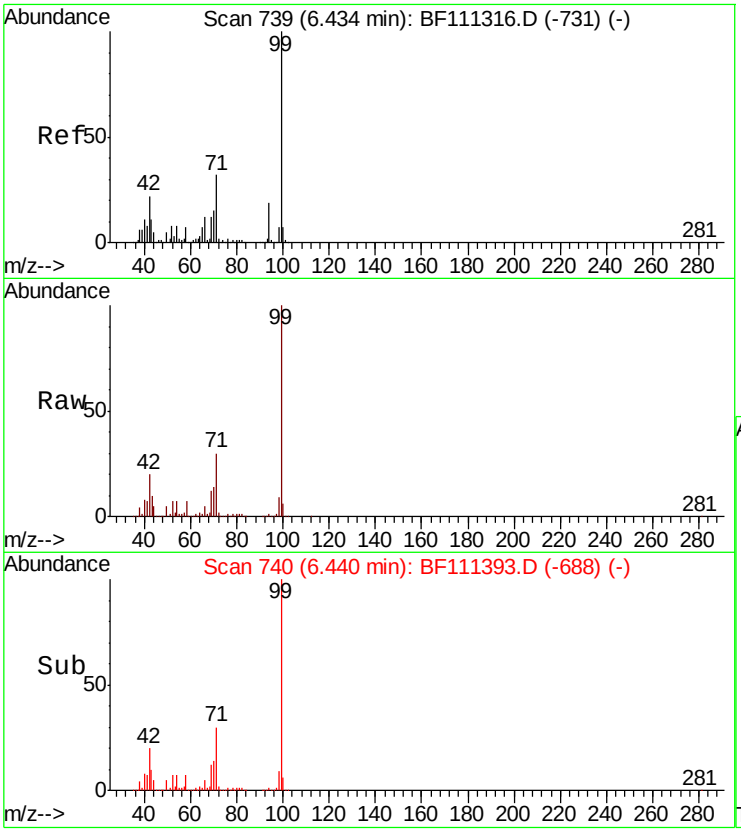


#5
2-Fluorophenol
Concen: 49.635 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:112 Resp: 887398

Ion	Ratio	Lower	Upper
112	100		
64	58.0	51.8	77.6
63	29.1	26.8	40.2



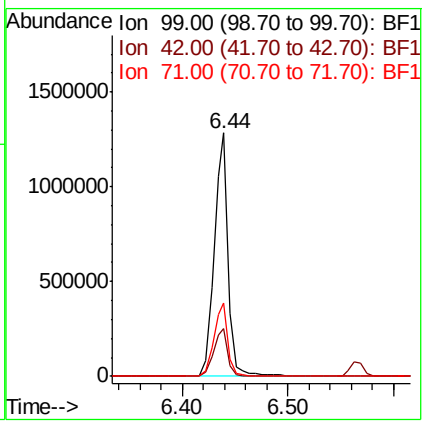


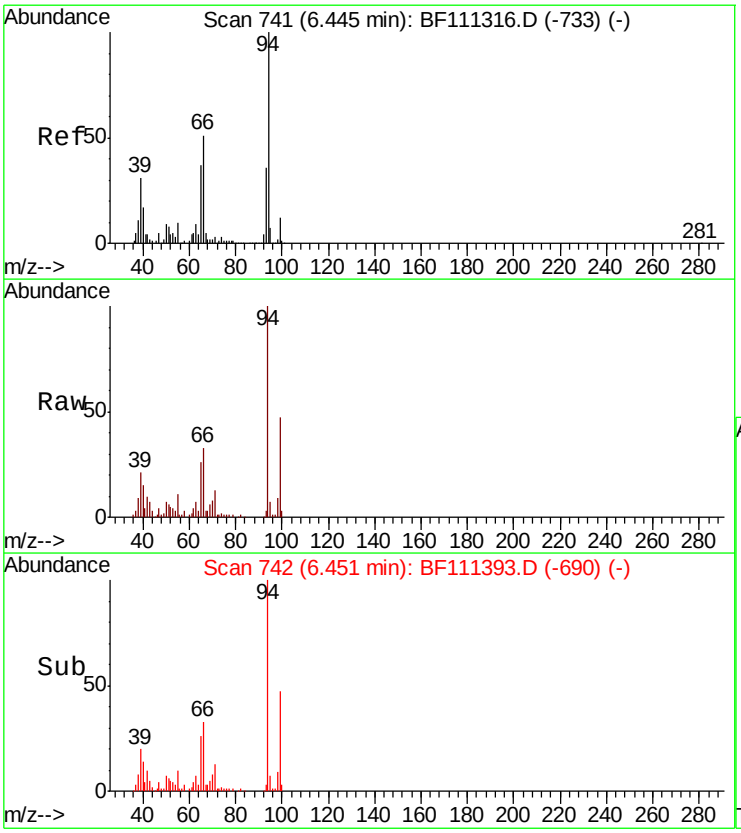
#7
Phenol-d6
Concen: 49.879 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 1202328

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.4	26.0
71	30.0	26.1	39.1

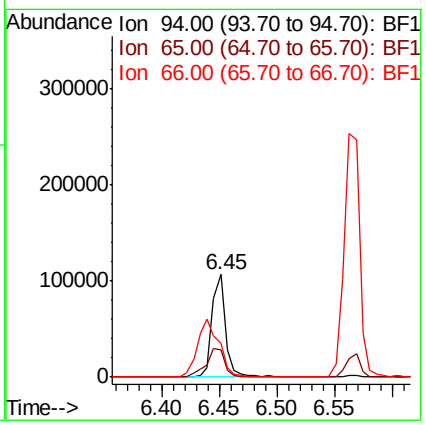


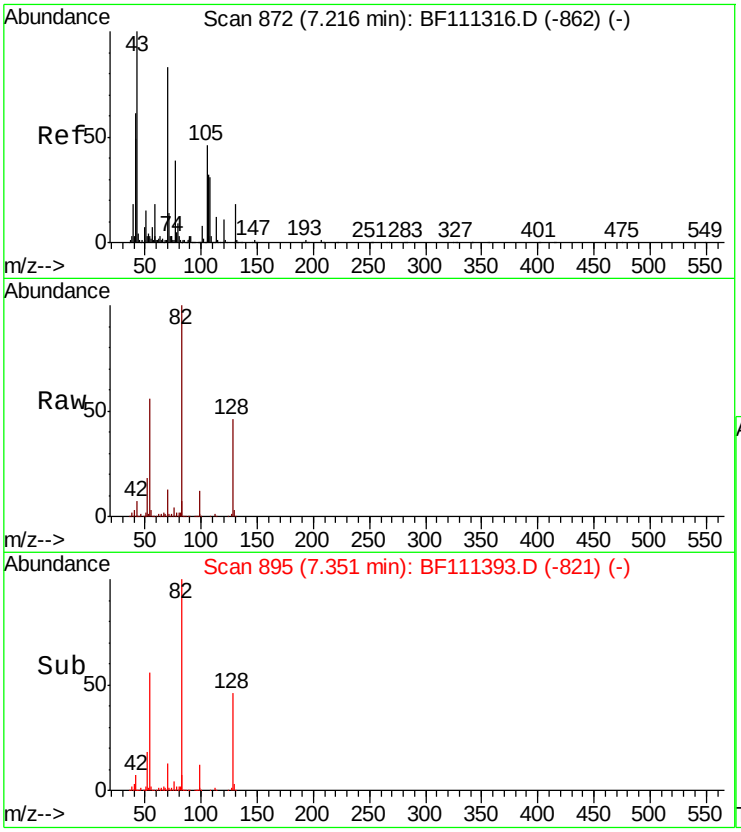


#10
Phenol
Concen: 3.222 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion: 94 Resp: 87985

Ion	Ratio	Lower	Upper
94	100		
65	26.0	11.7	51.7
66	33.2	21.0	61.0



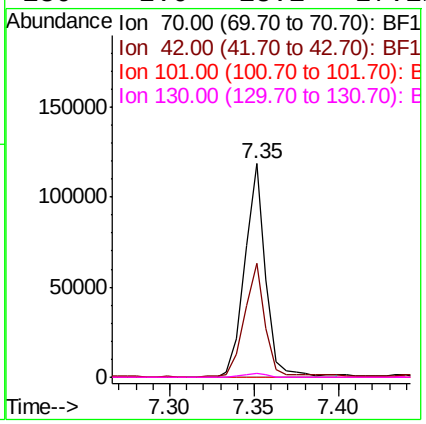


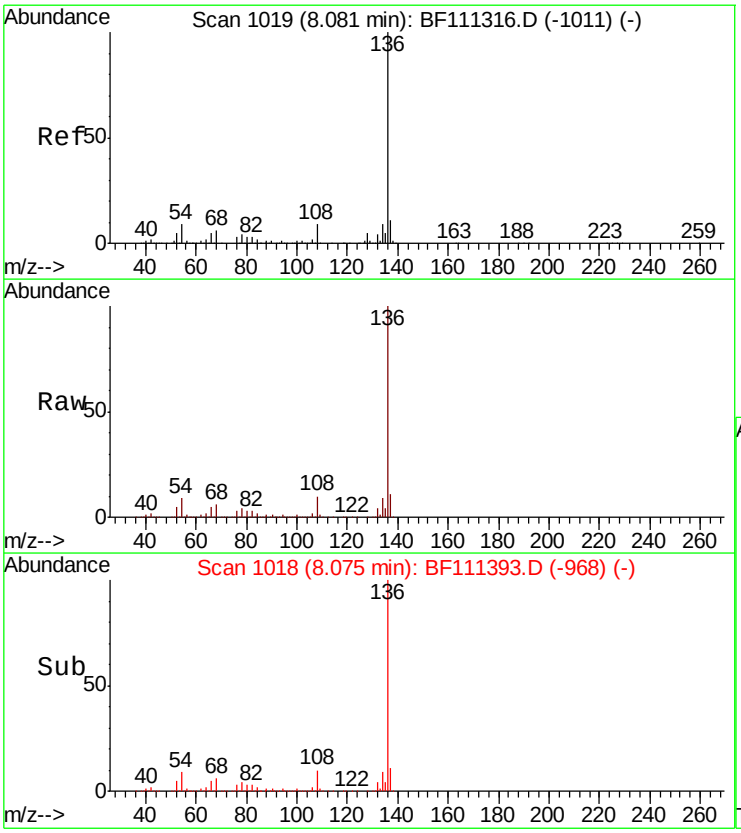
#19
n-Nitroso-di-n-propylamine
Concen: 6.378 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 70 Resp: 102161

Ion	Ratio	Lower	Upper
70	100		
42	53.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#

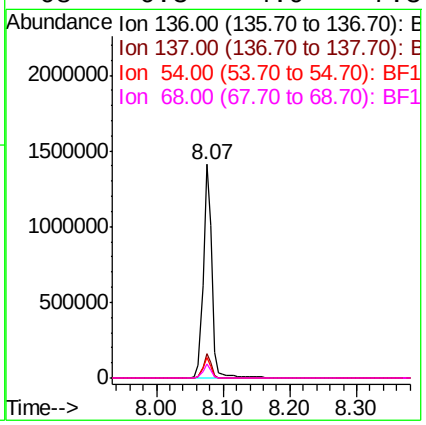


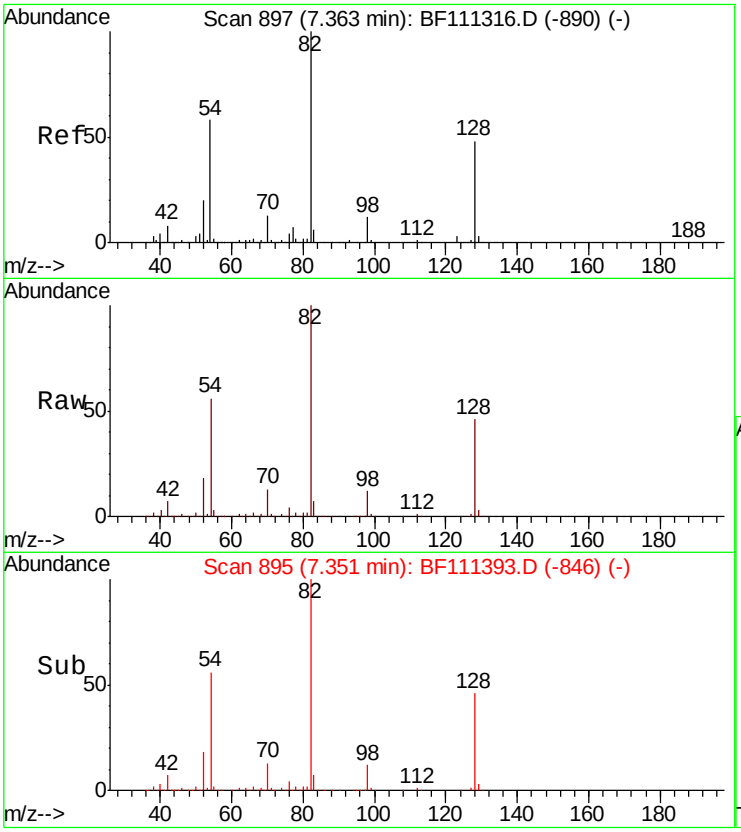


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:136 Resp: 1232894

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.4	7.7	11.5
68	6.3	4.9	7.3



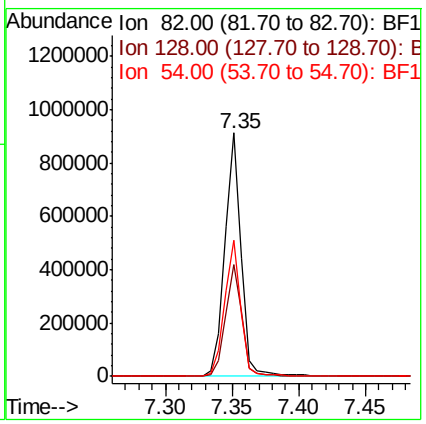


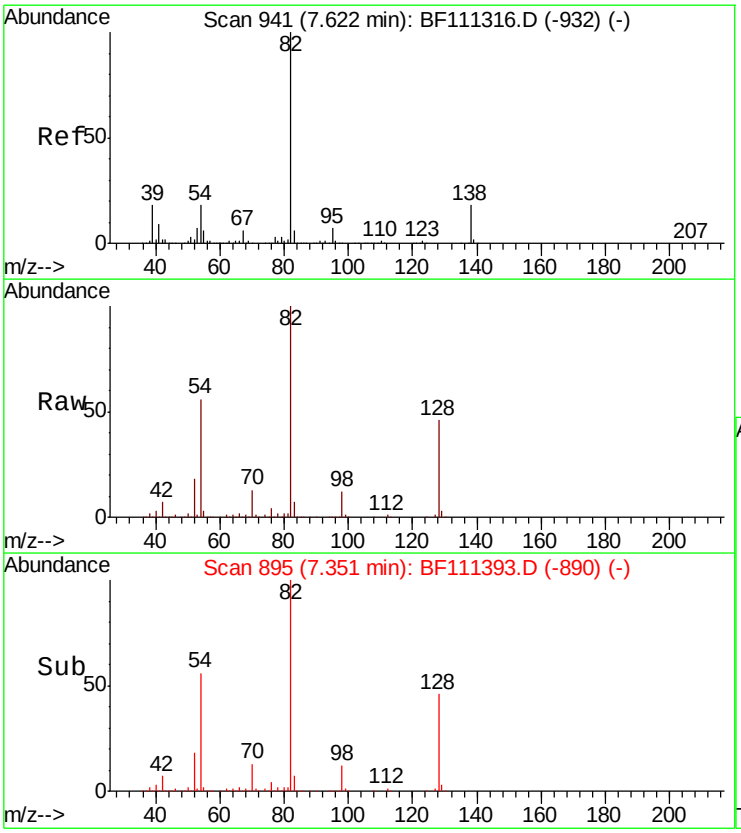
#23
Nitrobenzene-d5
Concen: 36.195 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 791733

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.4	56.2
54	56.0	47.6	71.4

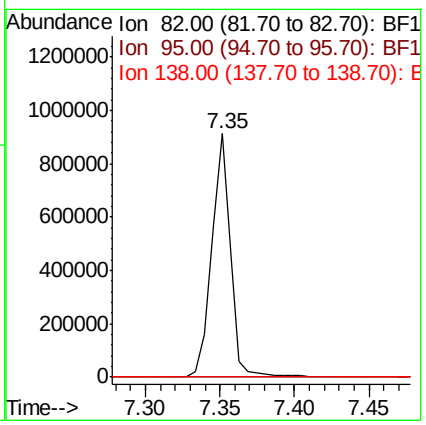


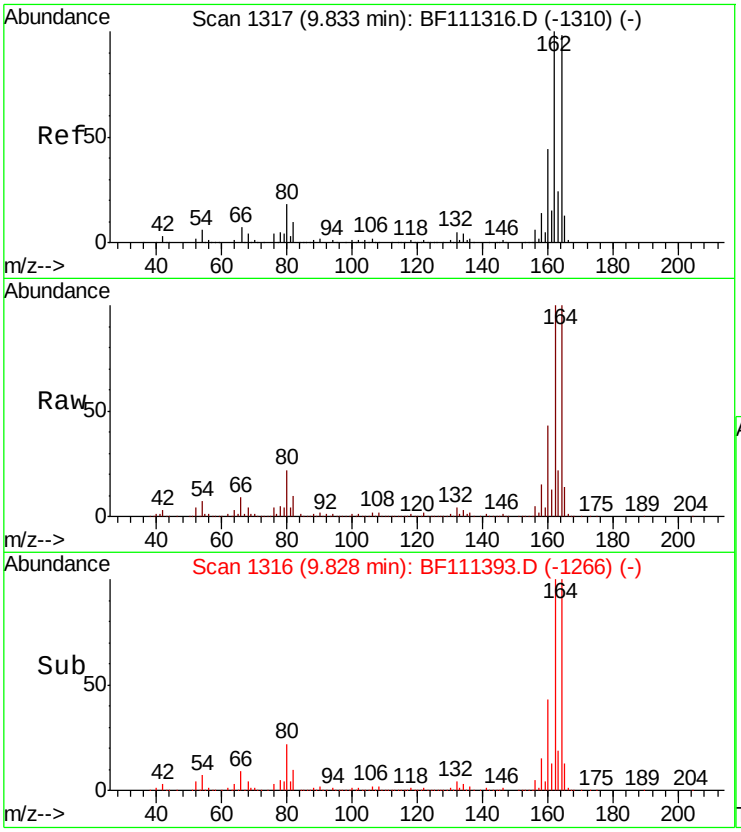


#25
Isophorone
Concen: 21.086 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion: 82 Resp: 783466

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



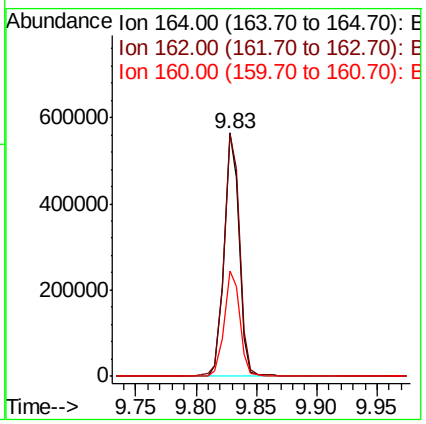


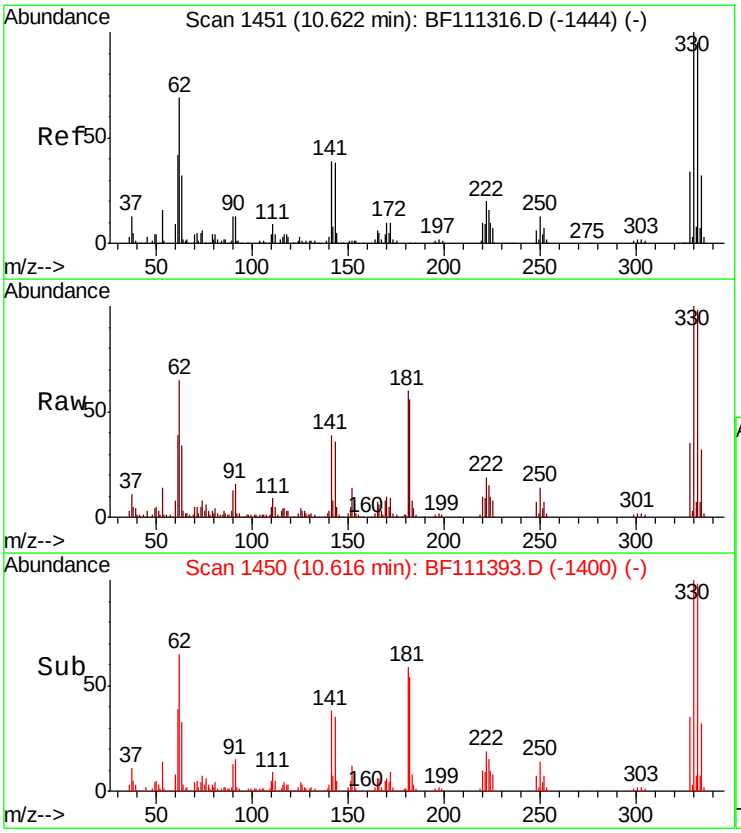
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:164 Resp: 487527

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.0
160	43.1	35.7	53.5

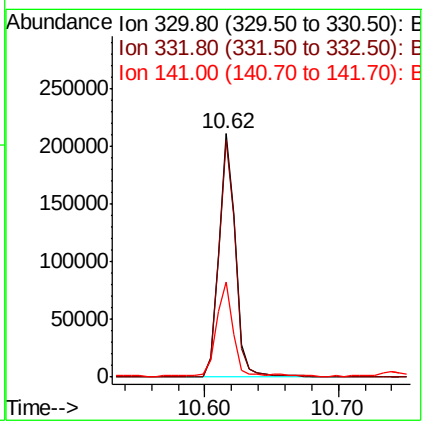


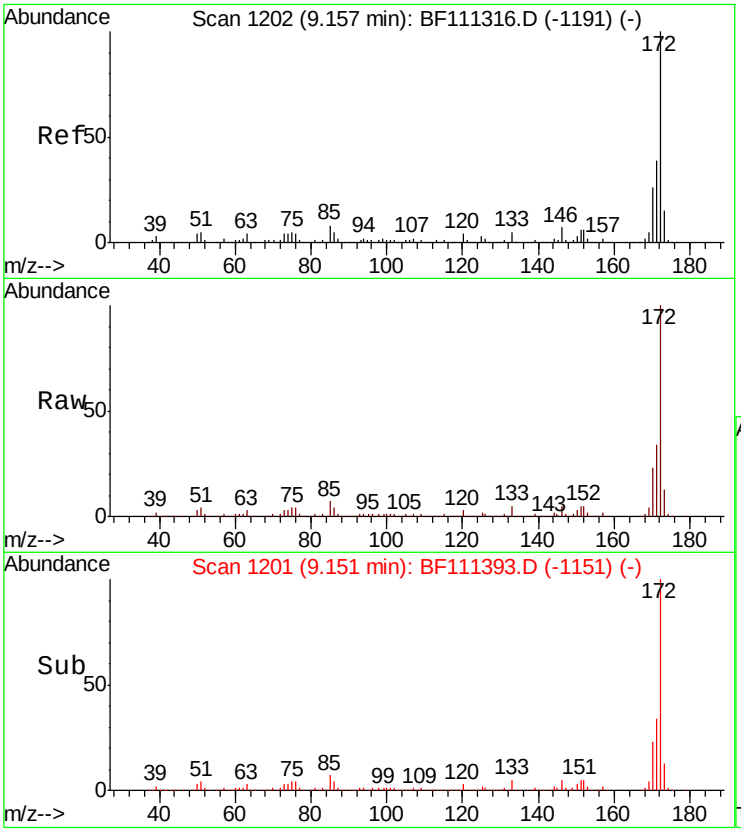


#42
2,4,6-Tribromophenol
Concen: 43.210 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:330 Resp: 185698

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	39.0	31.0	46.6



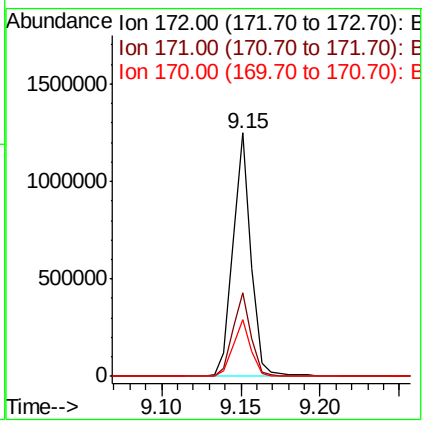


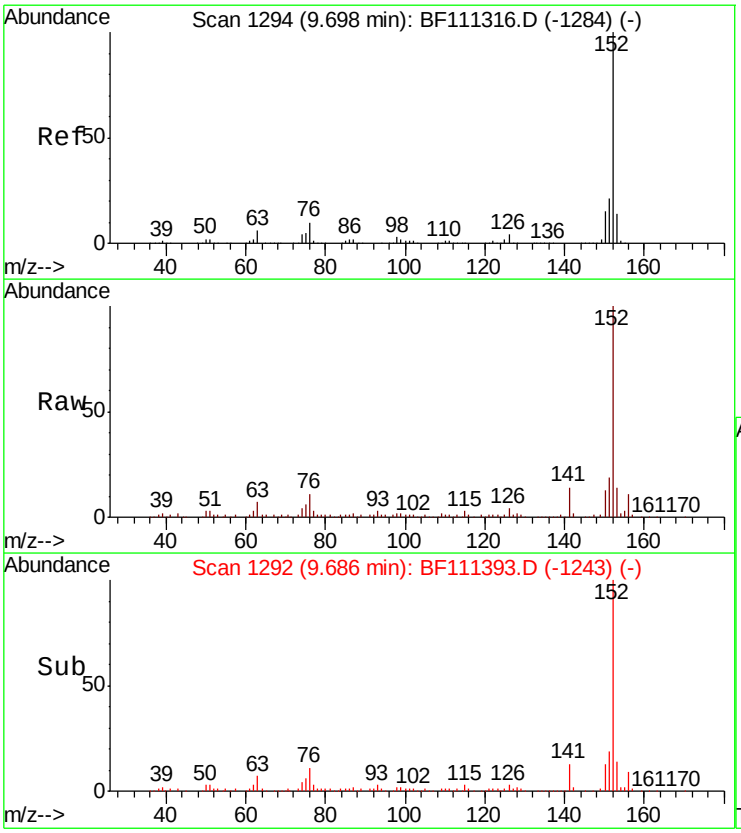
#45
2-Fluorobiphenyl
Concen: 32.579 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:172 Resp: 989303

Ion	Ratio	Lower	Upper
172	100		
171	34.5	33.0	49.4
170	23.2	22.3	33.5

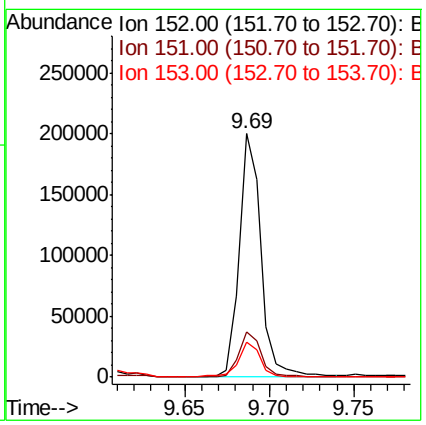


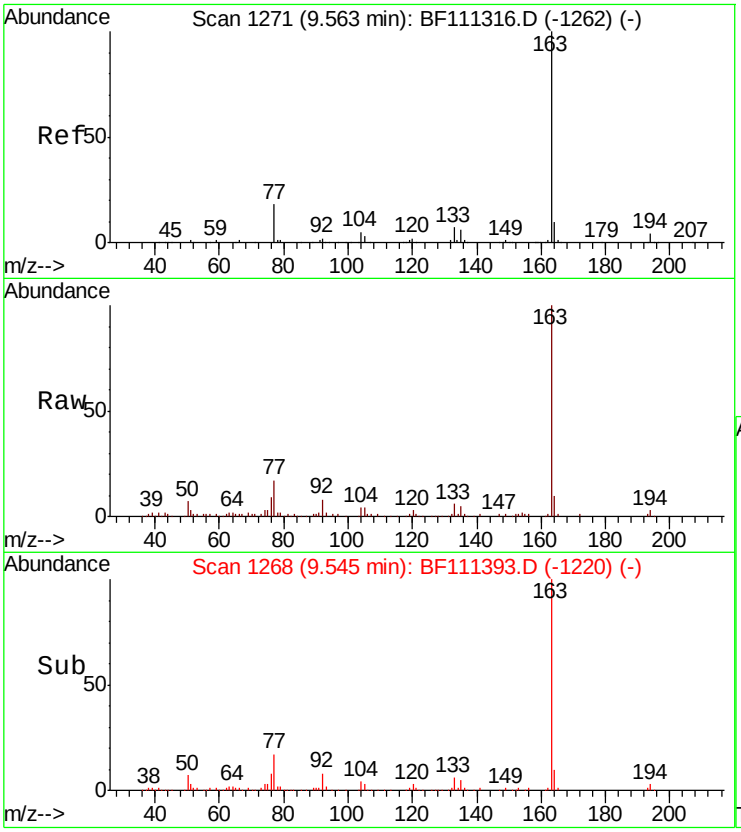


#49
Acenaphthylene
Concen: 3.848 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:152 Resp: 179115

Ion	Ratio	Lower	Upper
152	100		
151	18.8	18.0	27.0
153	14.1	12.3	18.5



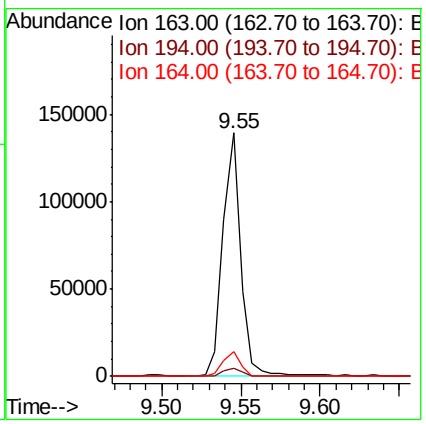


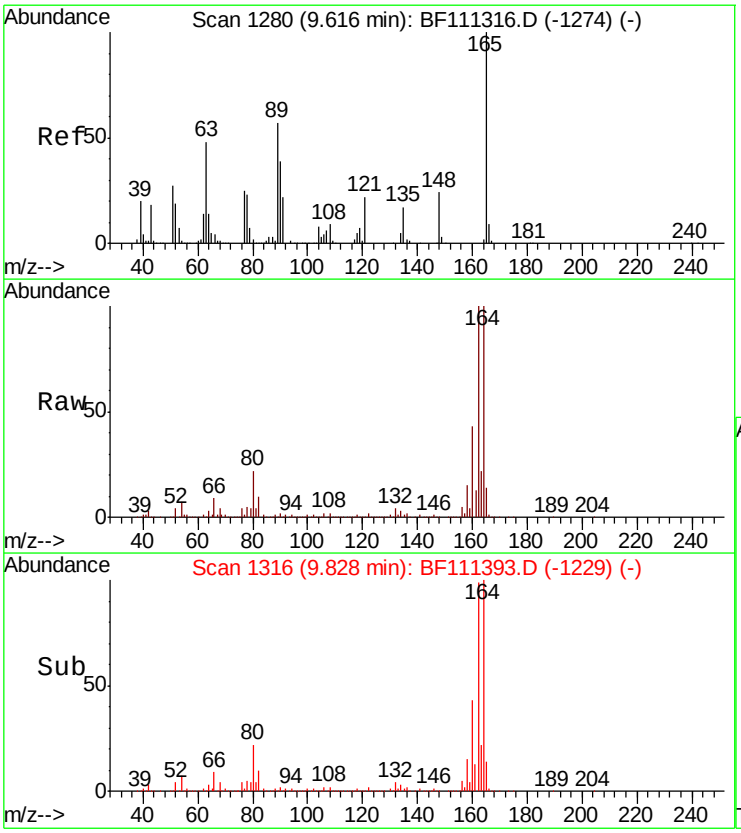
#50
Dimethylphthalate
Concen: 3.140 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:163 Resp: 110081

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	10.2	8.9	13.3

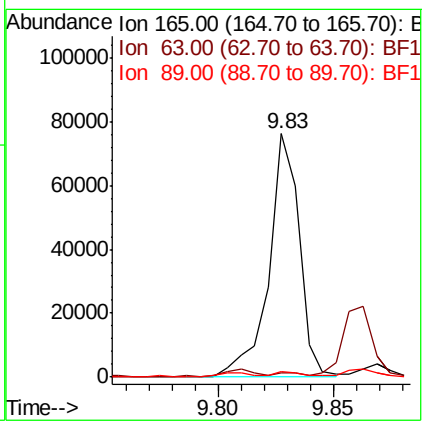


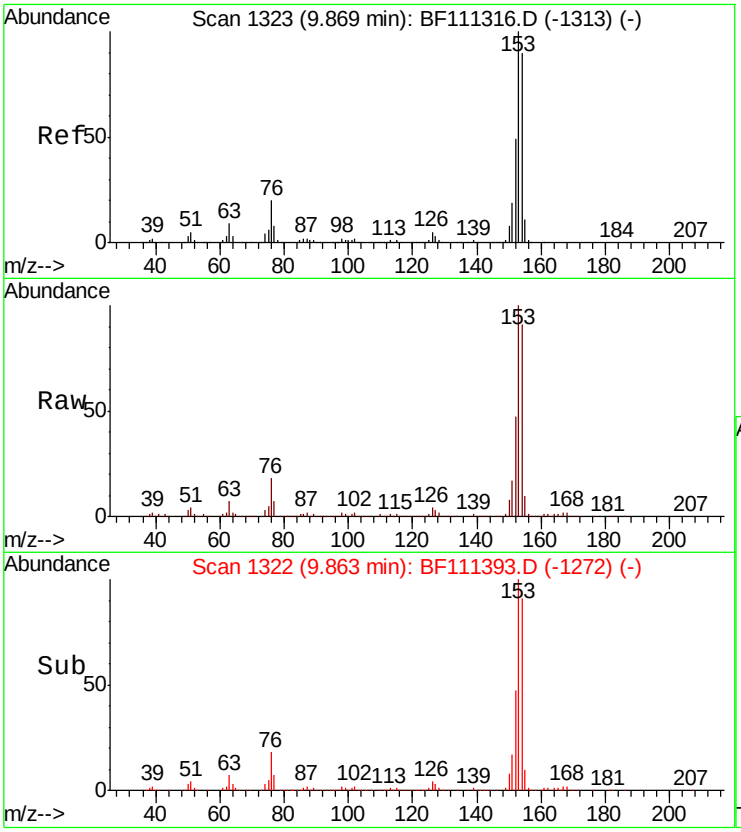


#51
2,6-Dinitrotoluene
Concen: 8.943 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:165 Resp: 69500

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.5	60.7#
89	2.3	40.0	60.0#



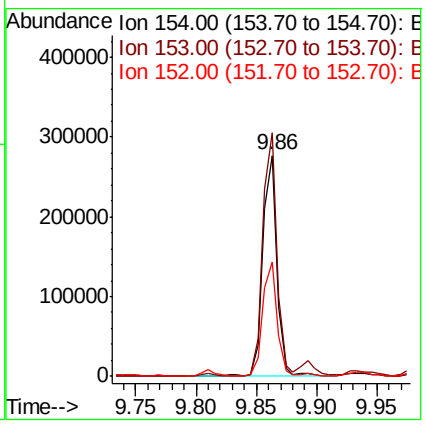


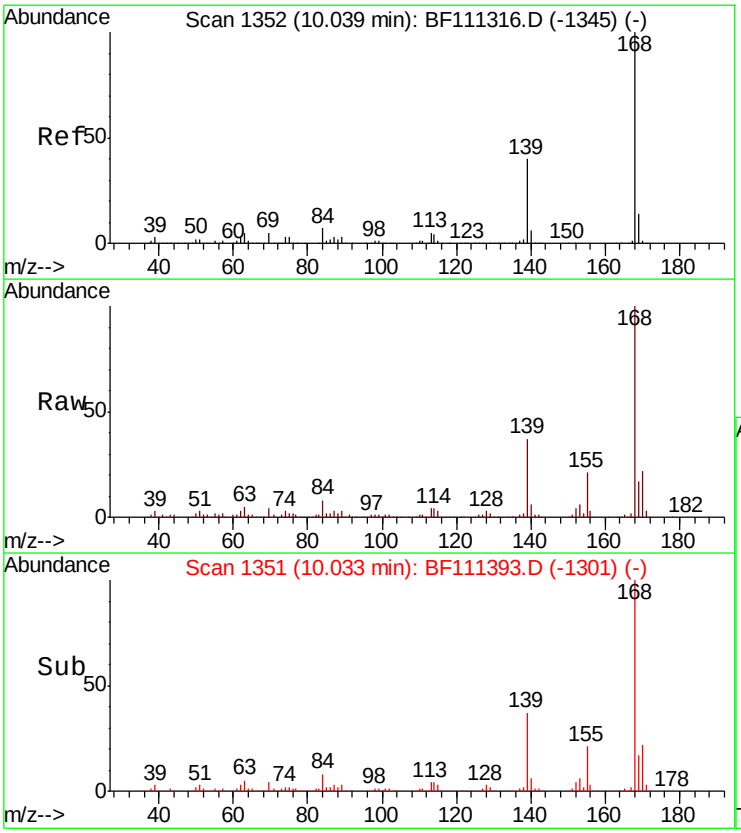
#52
Acenaphthene
Concen: 7.806 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:154 Resp: 229140

Ion	Ratio	Lower	Upper
154	100		
153	110.4	87.8	131.8
152	51.6	43.4	65.2

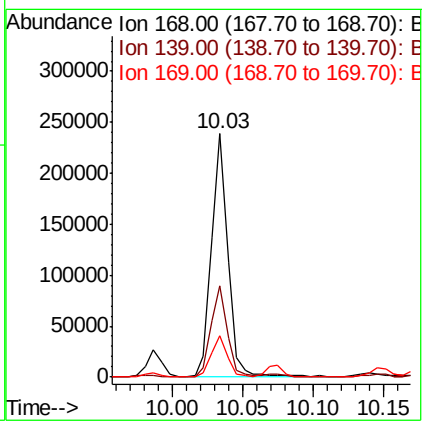


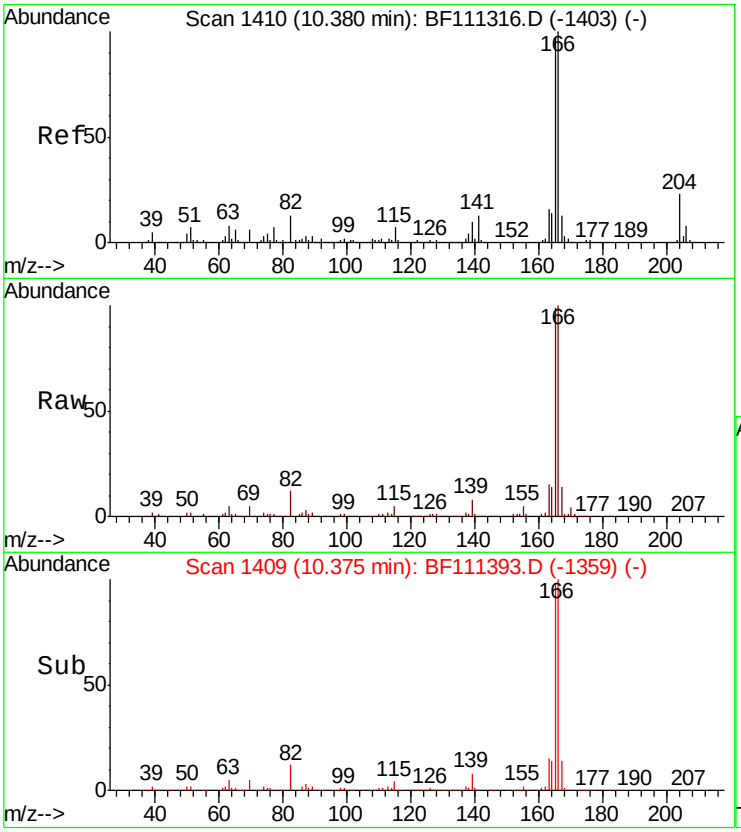


#55
Dibenzofuran
Concen: 4.583 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:168 Resp: 194222

Ion	Ratio	Lower	Upper
168	100		
139	37.5	32.6	49.0
169	17.2	11.8	17.6



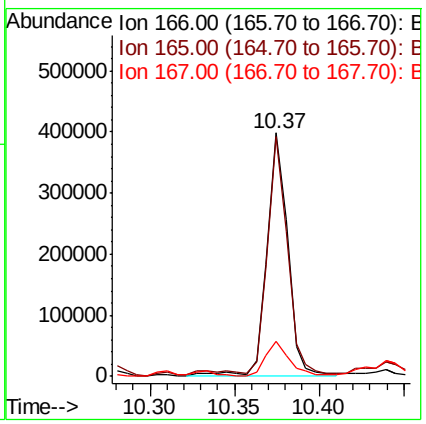


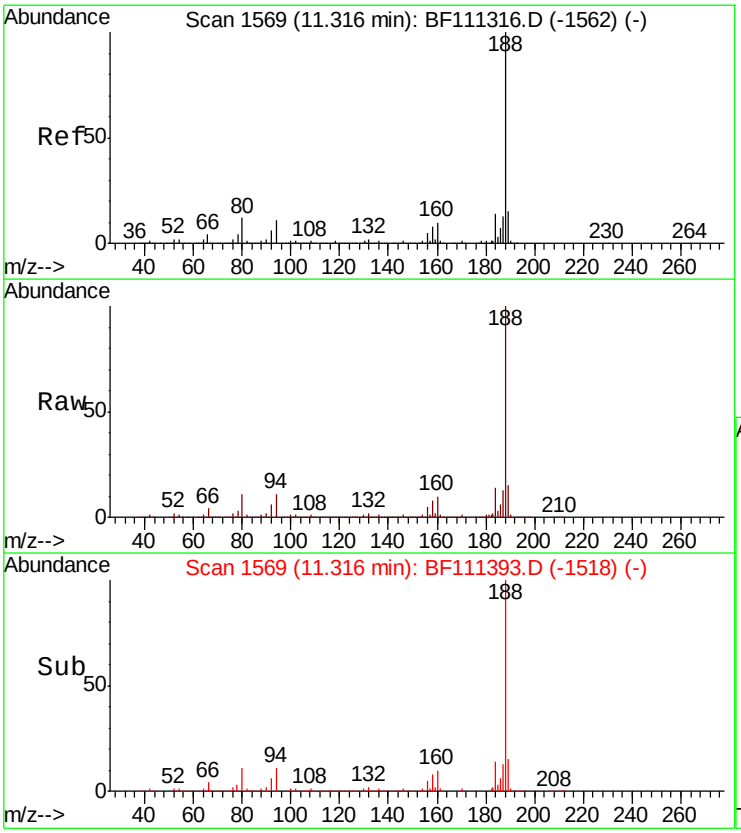
#58
Fluorene
Concen: 11.091 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:166 Resp: 336233

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.4	117.6
167	14.2	11.2	16.8

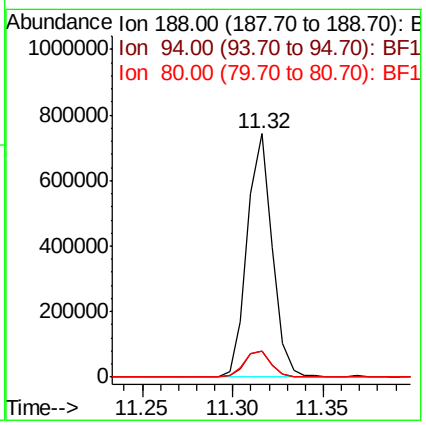


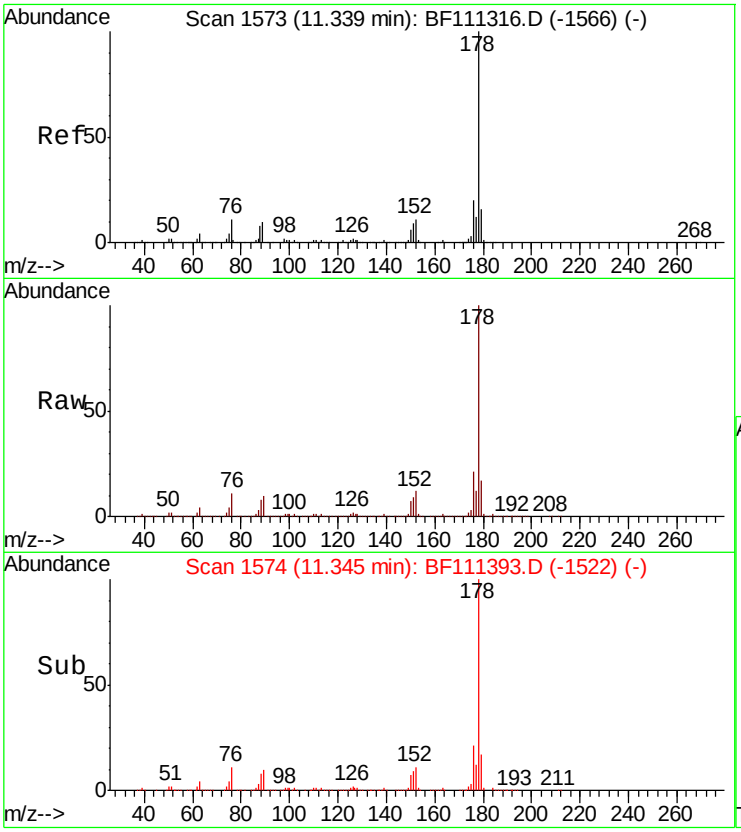


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:188 Resp: 716049

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.6	14.4
80	10.5	9.8	14.6



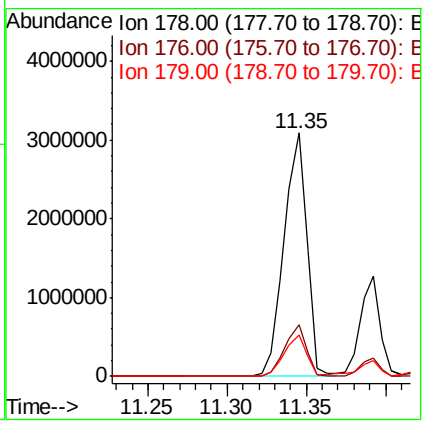


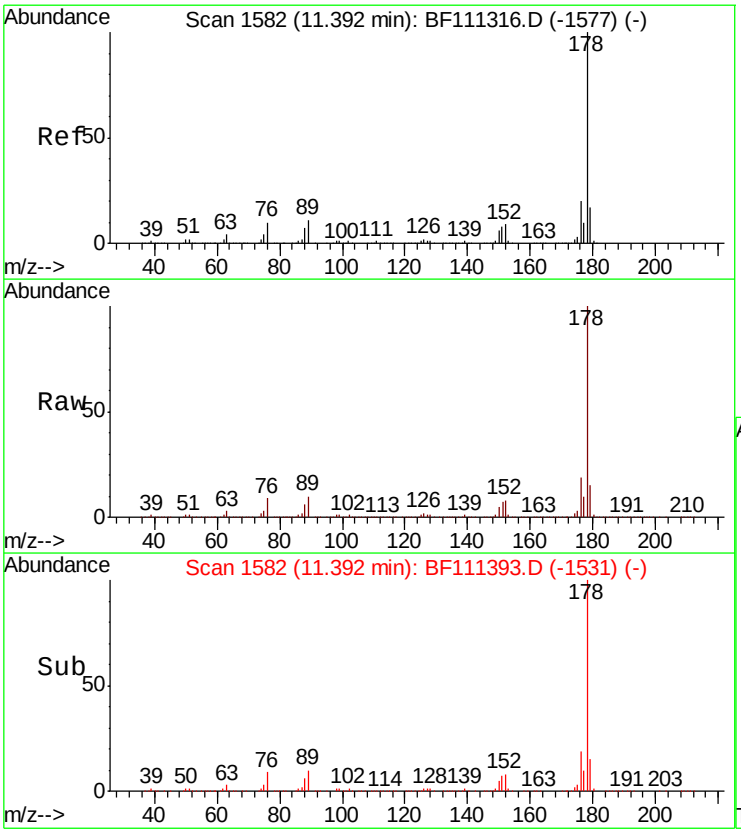
#71
Phenanthrene
Concen: 83.794 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:178 Resp: 3101297

Ion	Ratio	Lower	Upper
178	100		
176	21.2	18.1	27.1
179	16.9	14.0	21.0

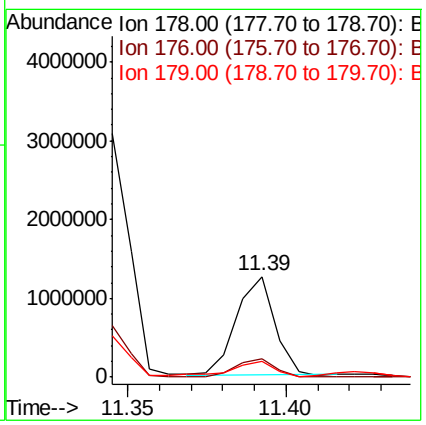


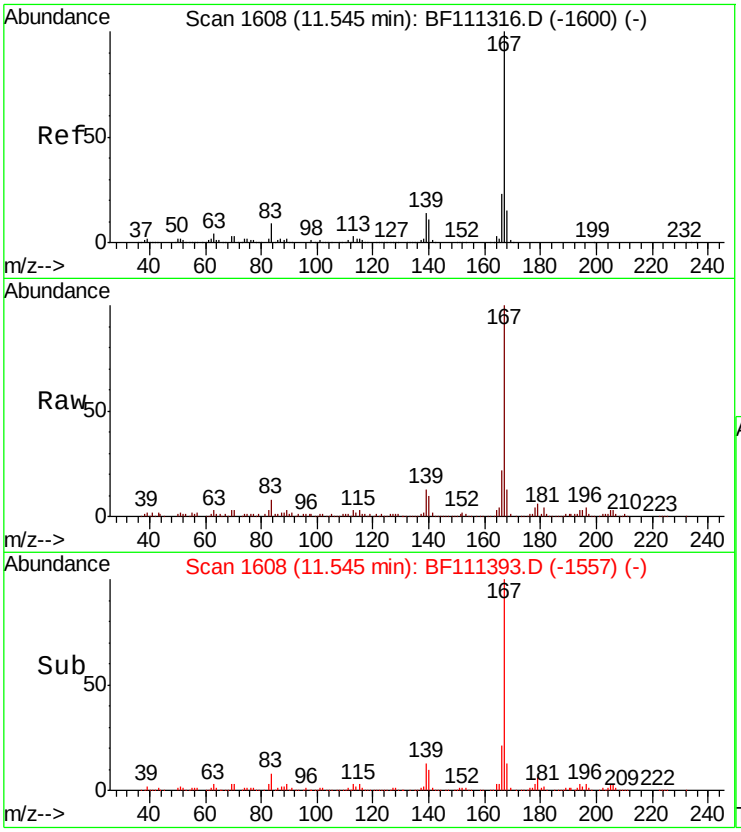


#72
Anthracene
Concen: 27.876 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:178 Resp: 1050543

Ion	Ratio	Lower	Upper
178	100		
176	18.7	17.2	25.8
179	15.4	13.8	20.8



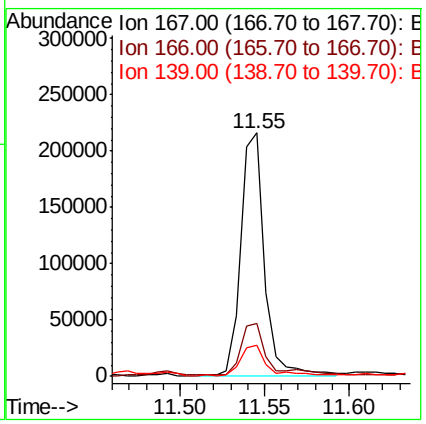


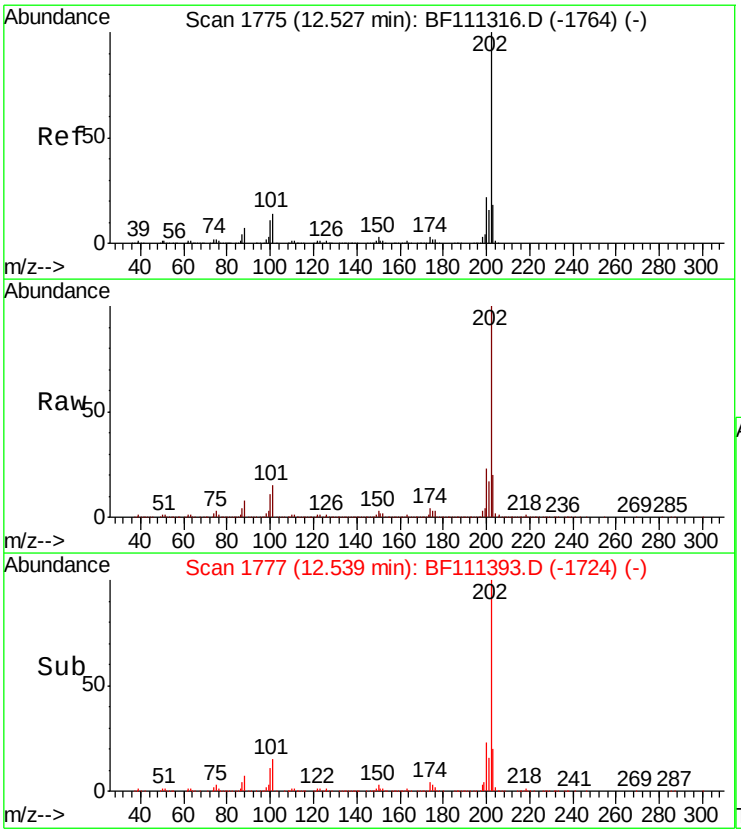
#73
Carbazole
Concen: 5.359 ng
RT: 11.55 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:167 Resp: 208804

Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.3	28.9
139	12.9	11.9	17.9

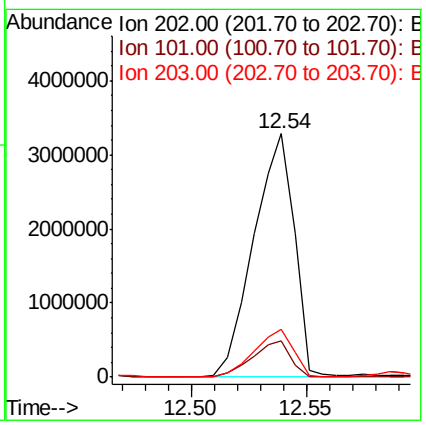


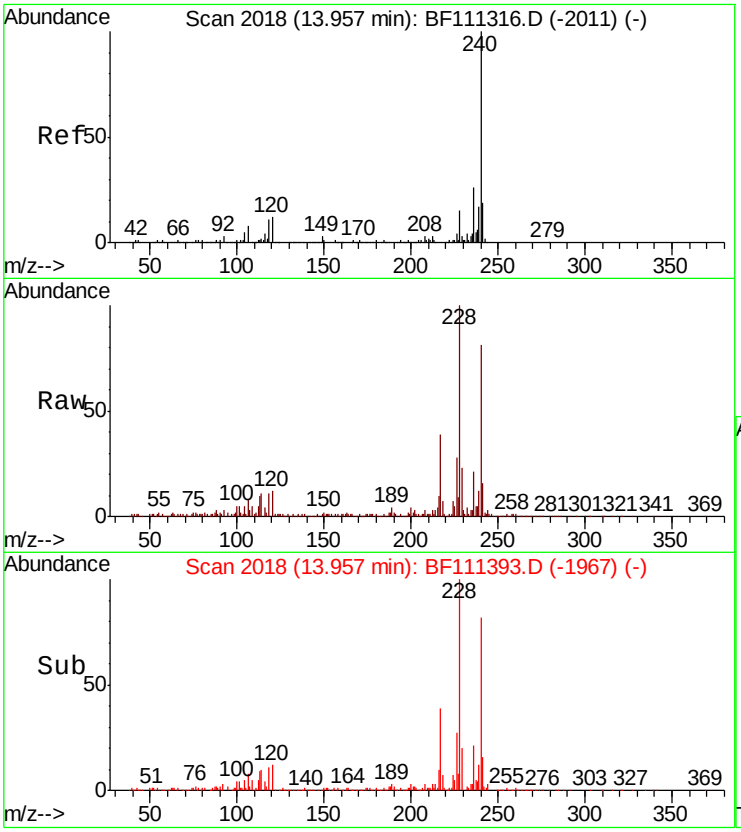


#75
Fluoranthene
Concen: 110.527 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:202 Resp: 3993476

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.8
203	19.7	0.0	38.6



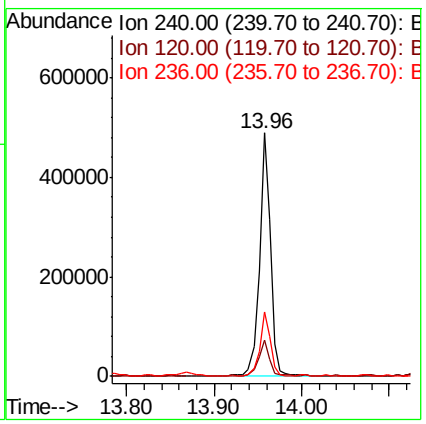


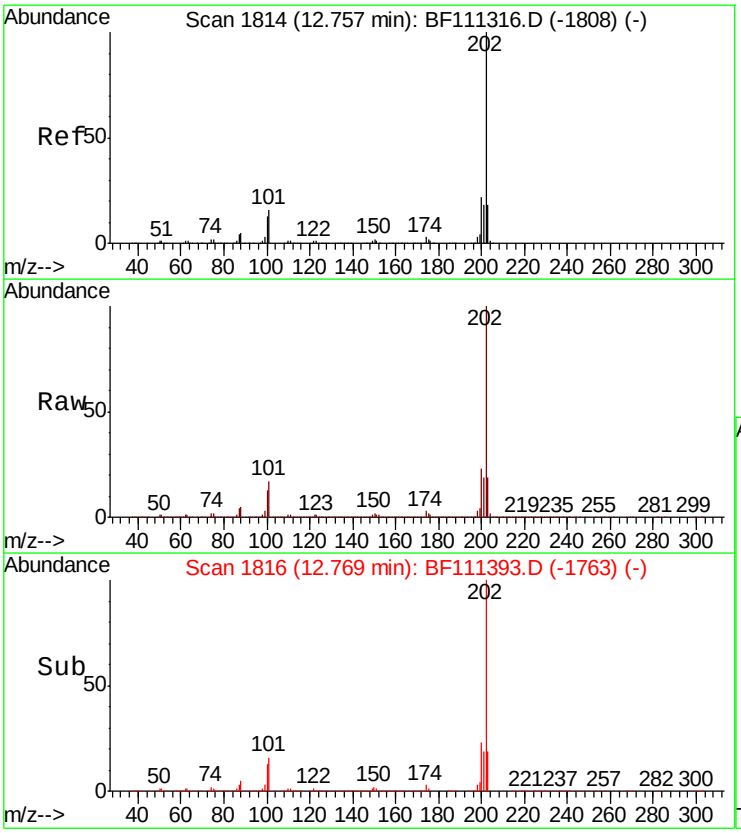
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:240 Resp: 419036

Ion	Ratio	Lower	Upper
240	100		
120	15.1	12.2	18.2
236	26.2	20.2	30.2

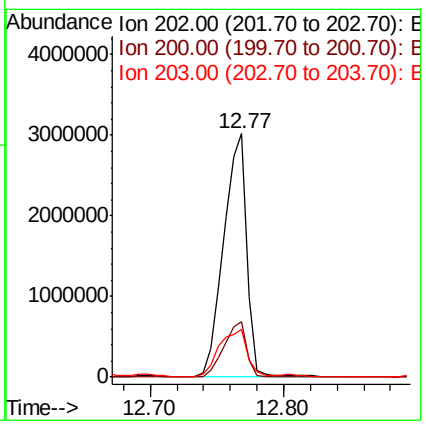


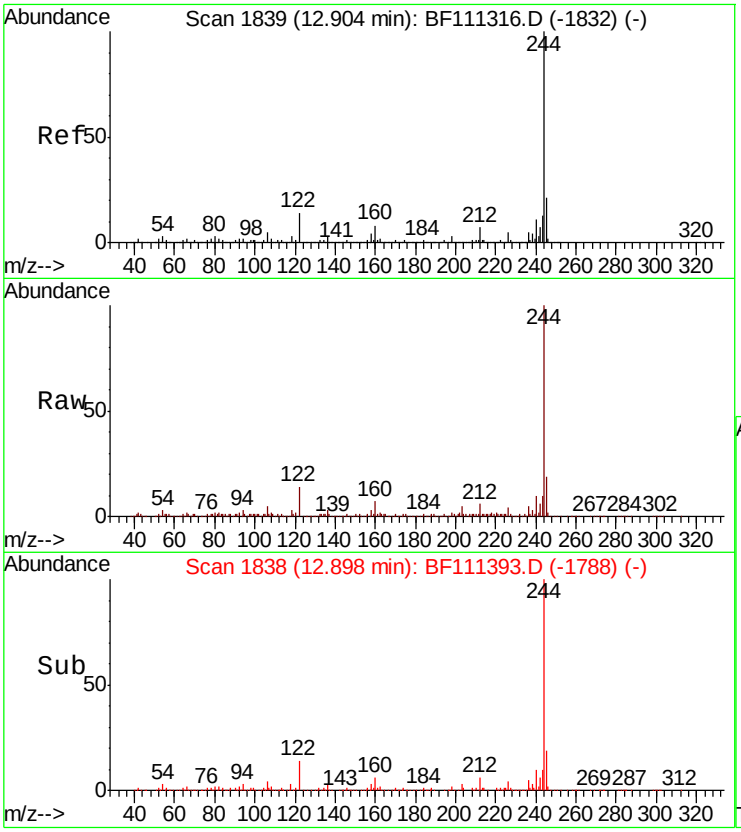


#78
Pyrene
Concen: 114.074 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:202 Resp: 3689149

Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.0	28.4
203	19.4	15.2	22.8



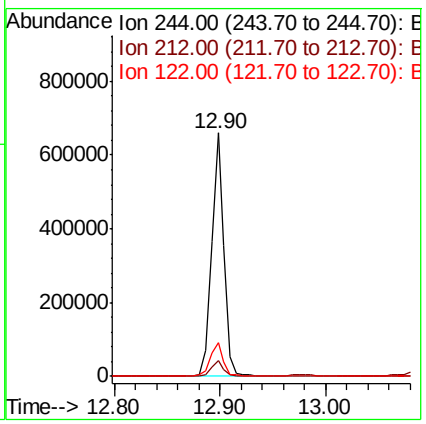


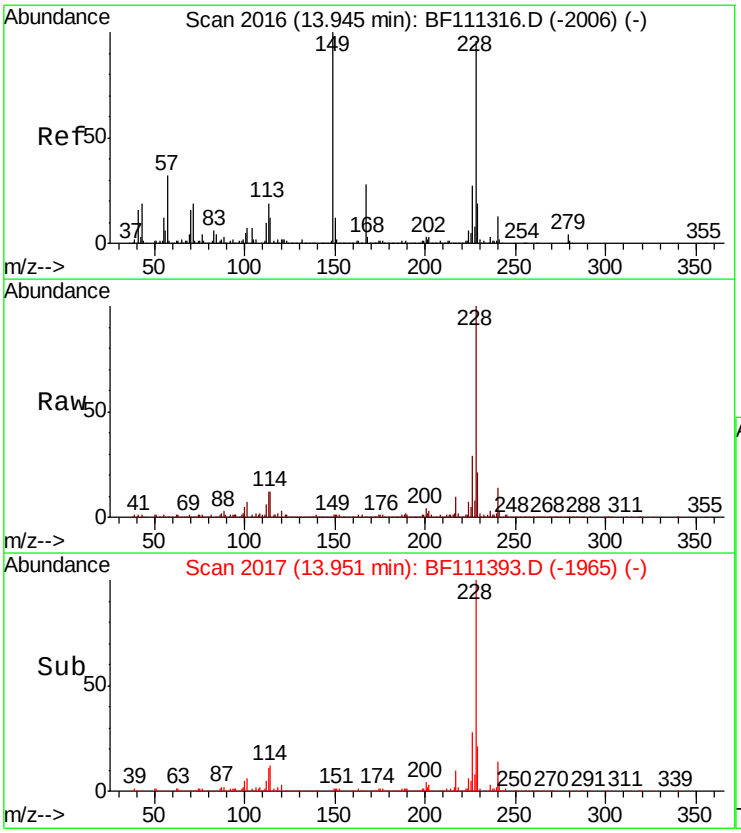
#79
Terphenyl-d14
Concen: 28.470 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 542046

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	13.8	13.1	19.7

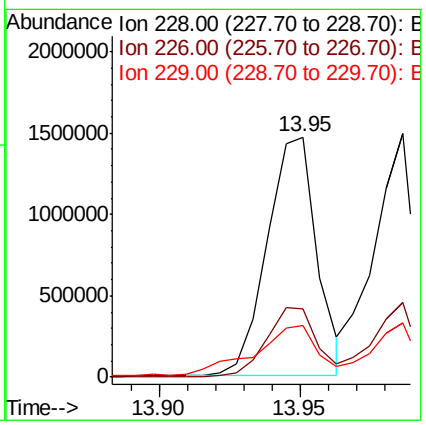


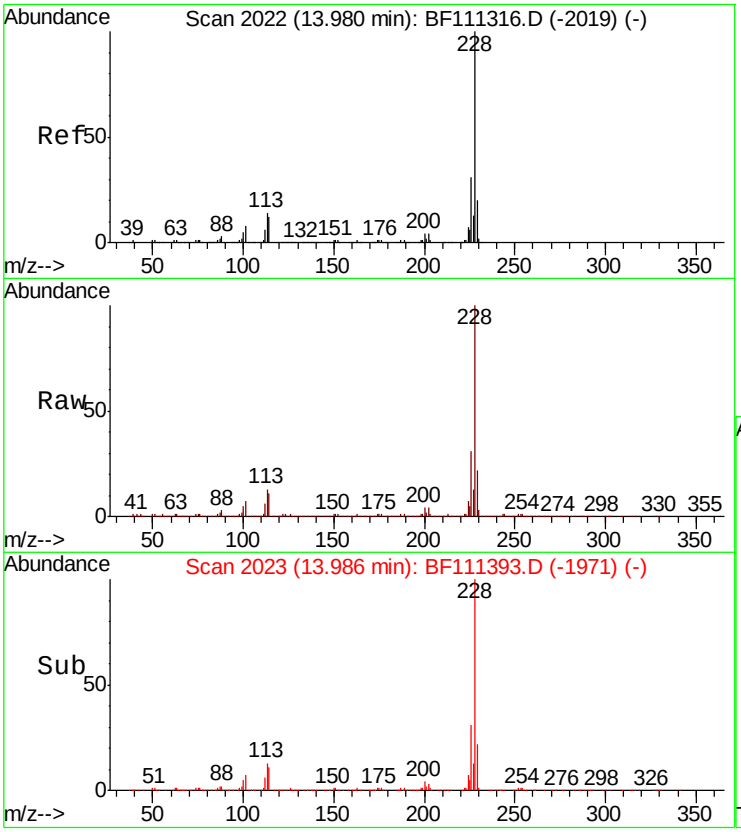


#81
Benzo(a)anthracene
Concen: 76.710 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:228 Resp: 1798507

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	21.2	16.3	24.5



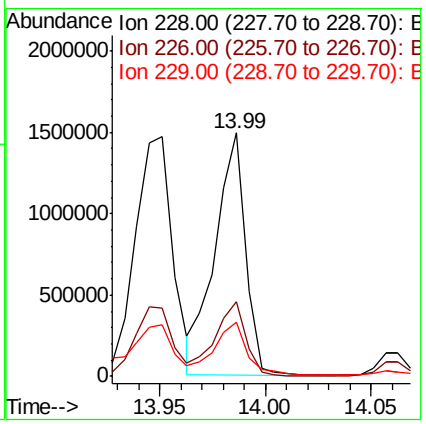


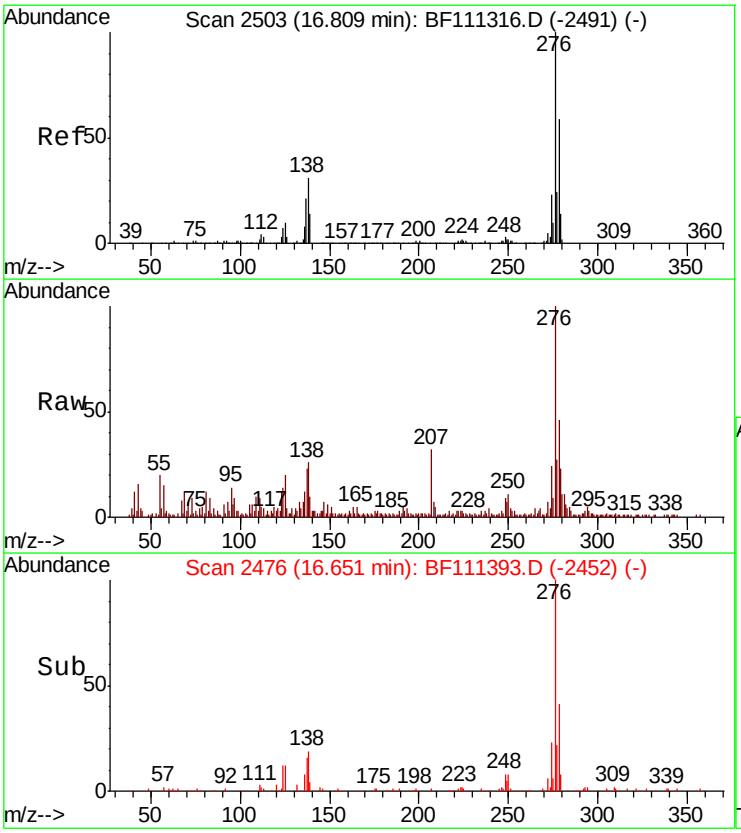
#83
Chrysene
Concen: 62.612 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:228 Resp: 1497720

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	22.5	17.2	25.8

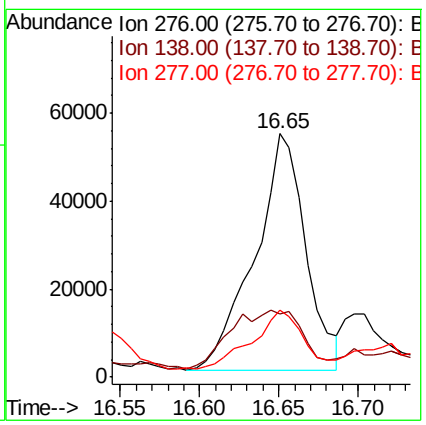


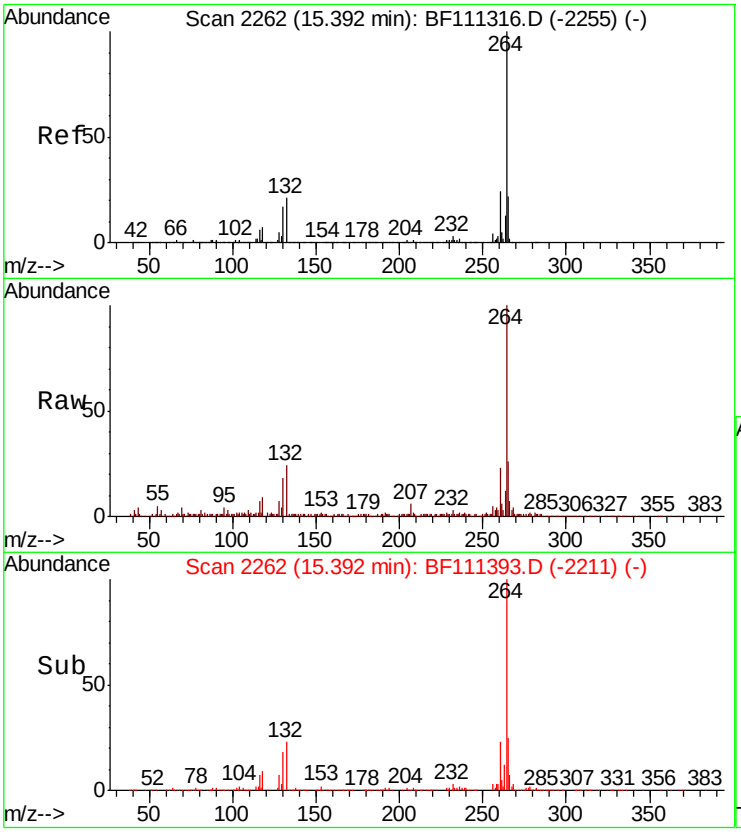


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.445 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.16 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:276 Resp: 120571

Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.2	20.1	30.1



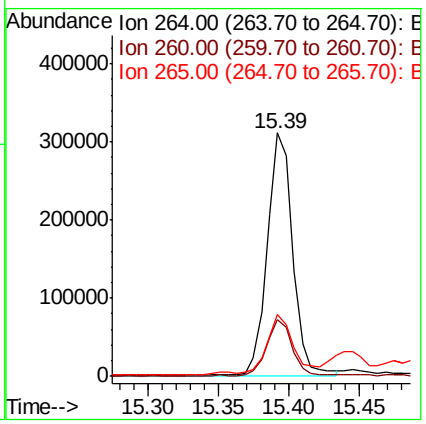


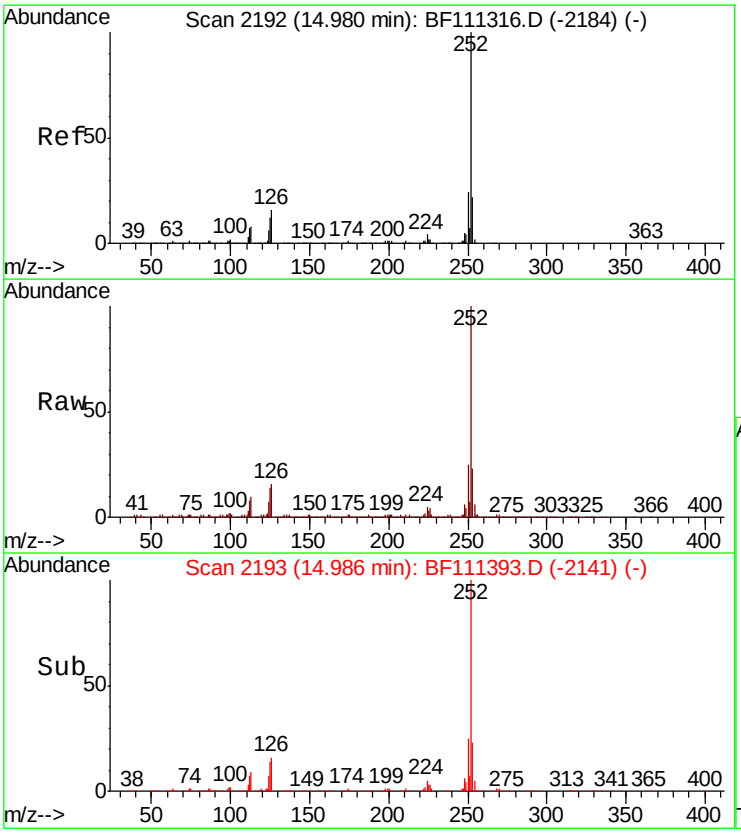
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 395388

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	25.5	17.7	26.5

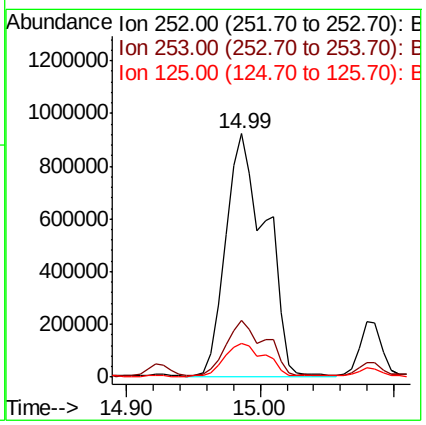


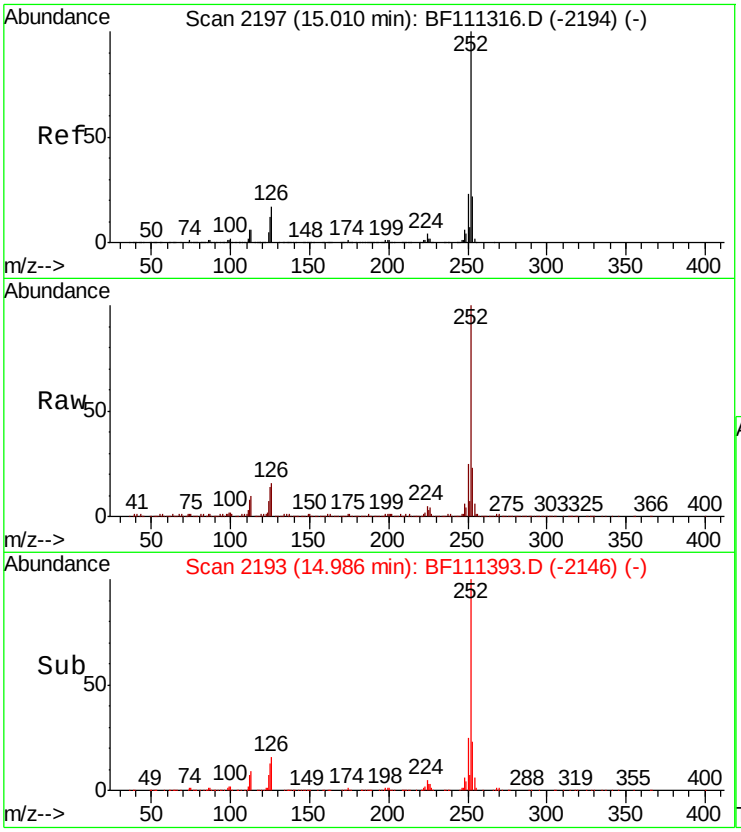


#88
Benzo(b)fluoranthene
Concen: 85.844 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:252 Resp: 1930049

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	13.9	10.4	15.6



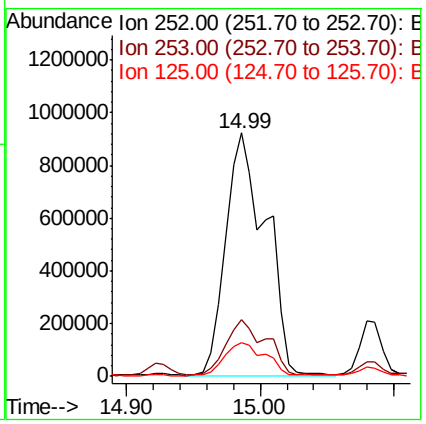


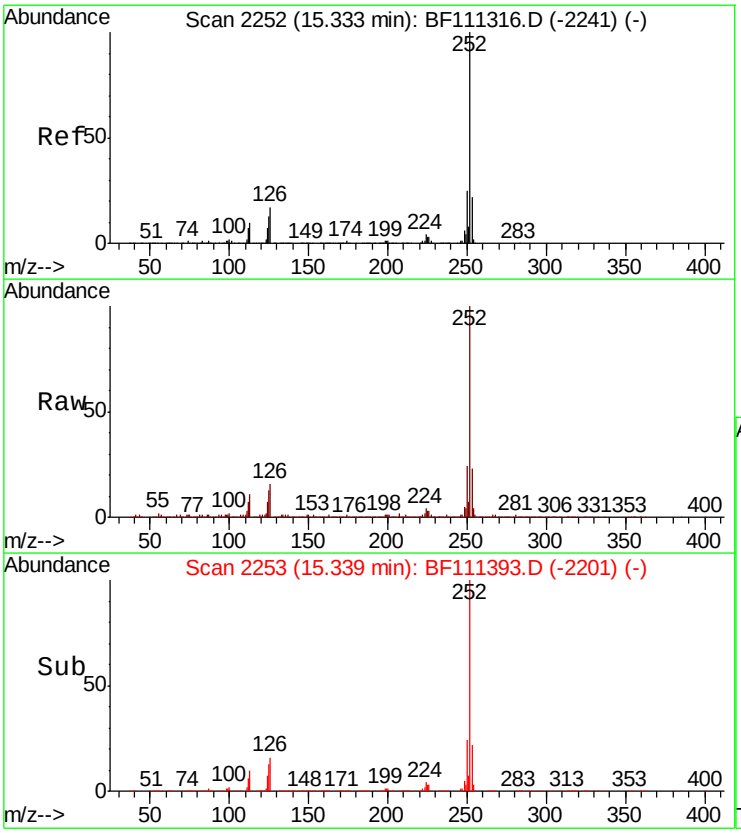
#89
Benzo(k)fluoranthene
Concen: 86.002 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:252 Resp: 1930049

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	13.9	9.8	14.8

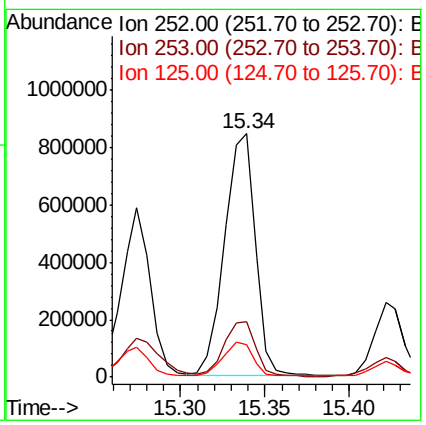


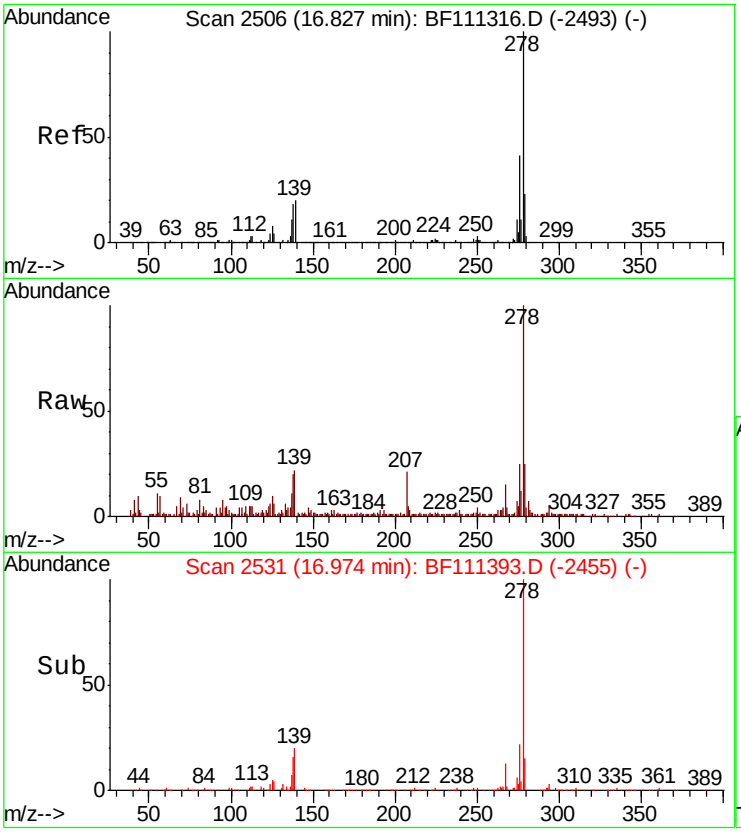


#90
Benzo(a)pyrene
Concen: 51.371 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:252 Resp: 1075408

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	13.1	12.3	18.5



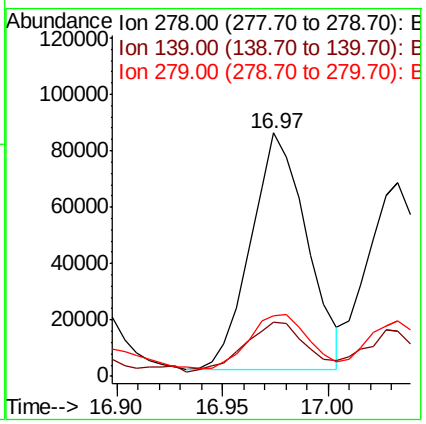


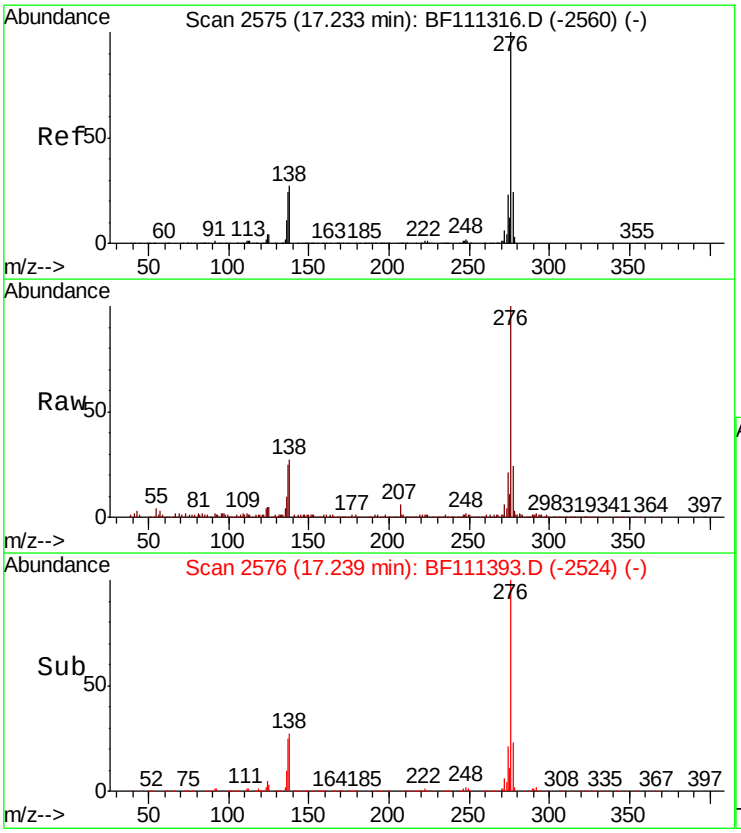
#91
Dibenzo(a,h)anthracene
Concen: 8.870 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.15 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:278 Resp: 154484

Ion	Ratio	Lower	Upper
278	100		
139	22.2	18.2	27.4
279	25.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 33.121 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111393.D
Acq: 14 Dec 2018 1:59

Tgt Ion:276 Resp: 576739

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	27.5	24.9	37.3